AMUSEMENT & VENDING

2011-2012

SUZO HAPP





suzohapp.com

$10.00

The Solution is Ours…the Selection is Yours

At MEI, we make it easy. With our comprehensive portfolio of payment solutions, you can select the product that's right for your machines. Consumers want choices and so should you. When you choose, select the best with MEI.



For more information or to place an order, contact Suzo-Happ at 888-289-4277 or online at www.suzohapp.com.

mei®

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MEI is ISO 9001:2000 Certified

SUZO HAPP

GAMING, AMUSEMENT AND INDUSTRIAL COMPONENTS

OUR MISSION

To establish Suzo-Happ as the premier provider of quality parts, services and supplies in the world while maintaining our uncompromising principles as we grow.

We adhere to the following principles:

- Enthusiastically strive to exceed the expectations of our customers and employees.
- Apply the highest standards of excellence to the design, selection and quality of our products and services.
- Provide a great Team based work environment and treat each other with respect and dignity.

Quality

We test and retest the products we assemble and sell, to ensure the highest levels of quality. We constantly strive to improve the quality of our products and service.

Service

In an effort to maintain the ultimate in customer satisfaction, we bring you a new level of convenience with our industry leading web site. Through our web site you have access to our on-line catalogs, new products, monthly specials, and our on-line ordering system. The shopping cart system allows you to easily build a secure on-line order with current pricing and availability, 24 hours a day/7days a week. Other on-line benefits include viewing the status or history of orders, easy duplication of previous orders, and e-mail notification with tracking information upon shipment of orders.

We ship quickly and accurately from our distribution centers. Our friendly sales staff will gladly help you in English or in Spanish. Customer satisfaction is our first priority.

Value

Competitive everyday prices and special low prices for volume buyers, or export customers.

Innovation

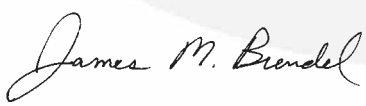
Our engineering team is constantly developing new products that lead the industries we serve. Cost reduction and product improvements are our goals.

Suzo-Happ is dedicated to the proposition that our customers are our most valuable resource. If we ever fail to satisfy you in any way, please call one of us personally.

Catalog Prices

Due to fluctuating costs we have removed prices from this catalog as they are obsolete shortly after the catalog is printed. Please call for current prices or check them on the web at www.suzohapp.com

Thank you for your business.



James Brendel



Tom Happ

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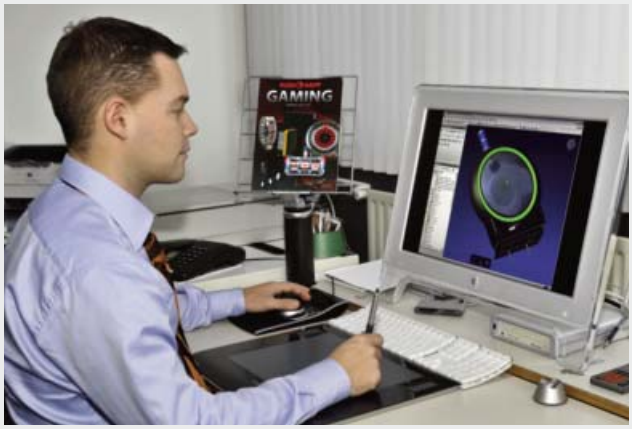
GLOBAL CAPABILITY AND SCALE



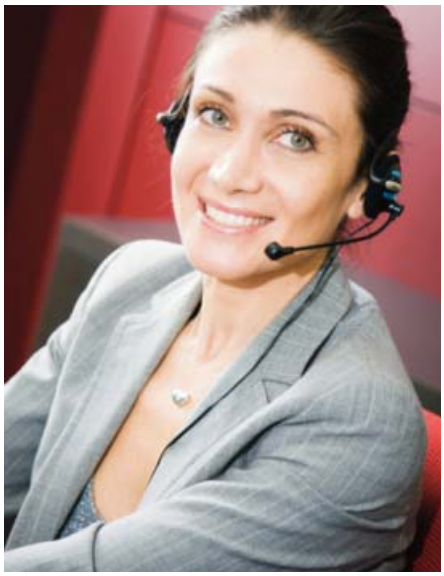
SOLUTIONS FOCUSED



INNOVATIVE CUSTOMER-CENTRIC ENGINEERING



SERVICE COMMITMENT



PRODUCTS WE MANUFACTURE OR DISTRIBUTE

GAMING

Coin Hoppers, Topper Boxes, Pushbuttons, Power Supplies, Handle Mechanisms, Lighting, Ticket Printers, Bill Validators, Reel Mechanisms, Game Devices, LCD Monitors, Touch Screens, Tower Lights, Spare Parts

AMUSEMENT

Coin Doors, Coin Hoppers, Trackballs, LCD Monitors, Billiard Supplies, Ticket Dispensers, Pushbuttons, Touch Screens, Lighting, Power Supplies, Driving Controls, Joysticks, Guns, Bill Validators, Spare Parts

VENDING

Temperature Controls, T-Handles, Vinyl, Security, Hand Trucks, Bill Validators, Lighting, Pushbuttons, Filters, Spare Parts

INDUSTRIAL COMPONENTS

Custom Products, Joystick Controls, Pushbuttons, Coin Hoppers, Power Supplies, Bill Validators, Snow Plow Controls, Heavy Equipment Controls, Kiosk Components, Fitness Equipment Parts



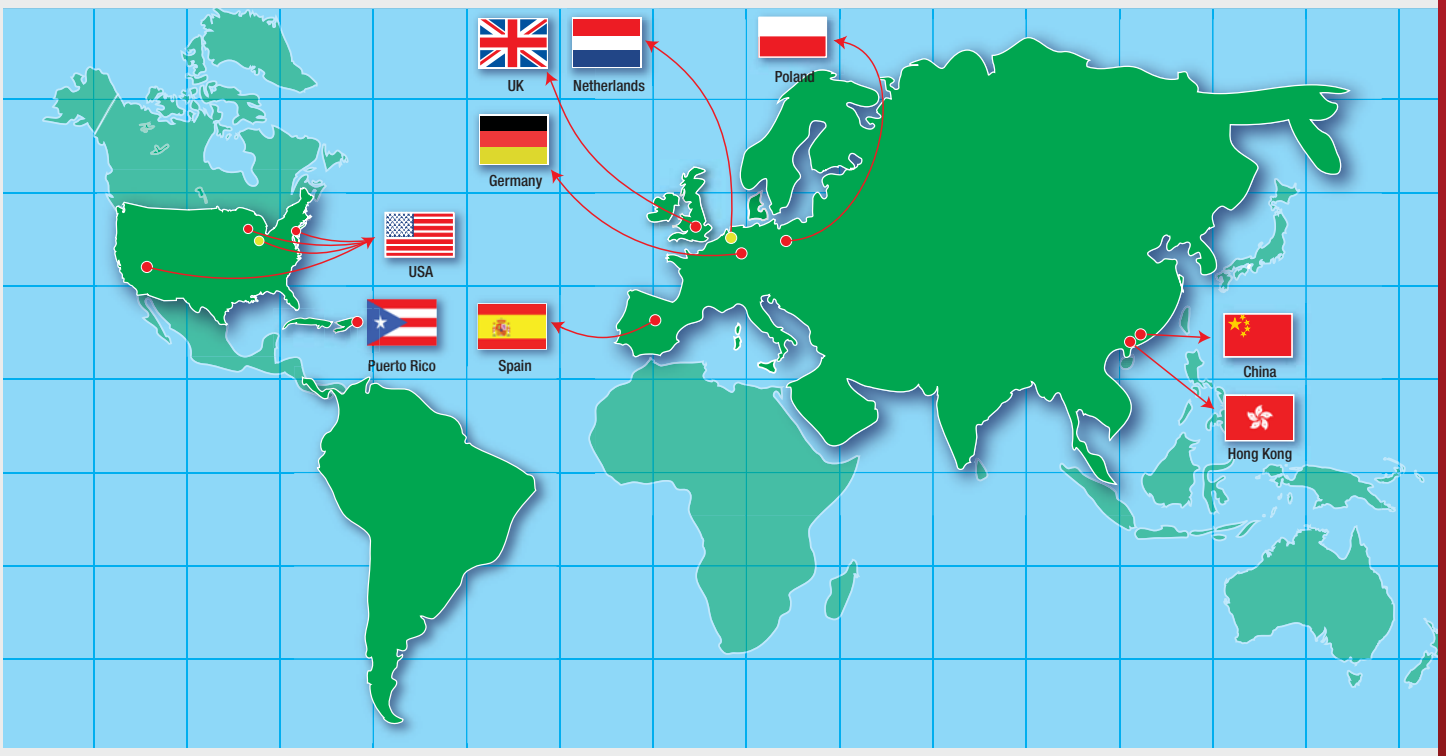
PRESENTATION



Suzo-Happ Group is the **Global Leader** in the Manufacture and Distribution of Gaming and Amusement Parts and Accessories

Suzo-Happ Group was formed in January 2005 as the result of the merger of Suzo (formerly Suzo International) and Happ (formerly Happ Controls). Suzo-Happ Group has nearly 500 employees in 12 locations serving customers in over 80 countries.

Suzo-Happ Group leverages a shared commitment to quality-focused product development, world-class customer care and unrivaled distribution capabilities and reach.





Global Capability and Scale

Suzo-Happ Group has nearly 500 employees in 12 locations serving customers in over 80 countries.

Each branch of Suzo-Happ Group has responsibility for its own markets and for its own customers. This allows us to react quickly either individually or as a group to international, national, regional and local developments.

Suzo-Happ Group supplies its customers with a comprehensive range of over 50,000 different products. From the latest in-house change machine to a simple cable for a slot machine, Suzo-Happ Group can service every corner of the globe. At present, Suzo-Happ Group exports to 80 different countries, to cover the ever-expanding world market.



Innovative Customer-centric Engineering

The engineering team at Suzo-Happ Group has over 200 years of engineering development experience on three continents and is continuously developing new and innovative products.





The combined Suzo-Happ Group has extensive resources which provides better service to customers and a world-class platform for research and development activity.

Research and development is one of the top priorities. We pride ourselves on having well educated specialists working in our R&D department, who anticipate the needs of customers and develop new and more sophisticated product lines everyday.



Solutions focused

Suzo-Happ Group has the ability to broaden its product lines, streamline its global distribution capabilities and create value-added solutions for its large customer base.

On top of selling well-known brand names, Suzo-Happ Group develops its own products which are developed for the industry and manufactured under its own control. These include quality components, complex electronics, software and complete finished products.

Suzo-Happ Group also programs software for various money processing machines, such as gaming machines and change machines, and takes the initiative on new products and problems that may affect its customers in the future.

Suzo-Happ Group provides custom engineered solutions for our customers' ever-changing needs. The focus is on producing modern, sophisticated and user-friendly products.

Service commitment

Suzo-Happ Group takes a consultative approach to serving its customers with comprehensive after-sales services within its own technical and marketing departments.

At Suzo-Happ Group Holland, all our warehousing is fully bar-coded, and this coupled with our real-time data processing system, produces accurate reporting of inventory and shortened, reliable delivery times.

Suzo-Happ Group North America's culture of efficiency drives its operations. An order received by phone or online is usually picked, packed, shipped and invoiced within a couple of hours. Moreover, a highly structured internal tracking system allows sales staff and customers to follow each order every step of the way.



SUZO-HAPP GROUP COMPRISED OF THE FOLLOWING COMPANIES

HAPP CONTROLS · SUZO · ADVANCED ELECTRONIC SYSTEMS · STARPOINT · MAZZCO · PROSOURCE GROUP · Chinatec · SADECTRONIC, S.A. · SUZO POLSKA

Stay Connected @ suzohapp.com

As products are invoiced, the company's inventory database is automatically updated and shipment tracking details are sent via e-mail as well.

Suzo-Happ Group North America also maintains repair facilities in Illinois, Las Vegas, and New Jersey. Suzo-Happ Group is a repair center for FutureLogic printers, Ceronix monitors, MEI bill validators, Kortek monitors, Starpoint Reels and other gaming and amusement products.

The two companies that formed the **Suzo-Happ Group** are now exclusively operating under that name.

SUZO®

Founded in 1955

49,000 sq.ft. production facility

Supplies customers with over 30,000 products

Offices located in Germany, United Kingdom, Spain and Poland

Maintains modern manufacturing facility in China and an office in Hong Kong

Suzo-Happ Group Holland (formerly Suzo International), founded in Rotterdam in 1955, supplies systems and components for the amusement, gaming, casino, and vending industries, as well as money processing machines and banknote readers. Former Suzo locations that are now part of Suzo-Happ Group are located in Germany, Poland, Spain and the United Kingdom. Suzo-Happ Group serves customers in over 80 different countries and has achieved a reputation for providing exceptional customer service.

In 2010, Suzo-Happ Group Holland celebrated 55 years of serving the gaming, casino, amusement and vending industries. Suzo-Happ Group prides itself on being a historically rich company with a sound vision of the future.

Core products include coin hoppers, pushbuttons, tower lights, topper boxes and handle mechanisms.



1955
SUZO INTERNATIONAL IS FOUNDED

1986
HAPP CONTROLS IS FOUNDED

1988
Suzo opens first international branch in Germany

1991
Suzo opens branch office in United Kingdom

1993
Suzo opens branch office in Belgium

1998
Happ opens branch office in Las Vegas, NV

2000
Happ opens branch office in the United Kingdom

Happ acquires PARTSTAR division of Carlton Bates Corp.

2001
Happ acquires Midway Games' service business

Happ acquires Well-Gardner's coin door division

2002
Happ acquires Wholesale Electronics

Happ opens branch office in New Castle, DE

SUZO HAPP

GAMING, AMUSEMENT AND INDUSTRIAL COMPONENTS

Suzo-Happ Group North America (formerly Happ Controls) was founded in 1986 and is headquartered in Mount Prospect, IL. The company has additional distribution centers in Las Vegas, NV, and Minneapolis, MN. The company specializes in the manufacturing and distribution of amusement, gaming, vending and industrial parts and accessories.

Happ Controls was founded by Frank Happ, who purchased what had become a diversified parts supply business from U.K.-based Coin Controls. In 1998, the company expanded into the distribution of parts and supplies for gaming machines. Happ soon became a leading supplier to the industry.

Suzo-Happ Group North America's core products include LCD monitors, pushbuttons, topper boxes, touch screens, trackballs, guns, driving controls, joysticks, power supplies and bill validators.

The Company focus has been to aggressively expand our sales staff and product lines to better serve the needs of its gaming, amusement, vending and industrial component customers.



HAPP®

Founded in 1986

Over 80,000 sq. ft. facility in Mount Prospect, IL

Mount Prospect location produces over 20,000 assembled products per day

Manufactures over 12,000 SKUs in over 200 unique product groups

Distributes over 40,000 items to the North American market

Processes over 650 shipments per day

Offices also located in Las Vegas, NV and Minneapolis, MN

2003
Happ opens branch office in Greenville, SC

2004
Happ acquires Perfect 360° Joystick

2004
Suzo opens branch office in Poland

2005
Suzo and Happ merge to form Suzo-Happ Group

2005
Suzo-Happ merger with AESI

2006
Suzo-Happ acquires Mazzco

2006
Suzo-Happ acquires Sadectronic in Spain

2006
Suzo-Happ acquires Starpoint

2007
Suzo-Happ acquires Chinatec



LOCAL SERVICE WITH A CHINA ADVANTAGE

Custom Engineered Solutions from Concept to Production

Since 1993 the Suzo-Happ Group China facility has been committed to the development and manufacturing of custom OEM industrial products and sub-assemblies for companies worldwide. Past and present customers include clients from all over the world in various industries such as Gaming, Amusement, Vending, Transportation, POS systems.

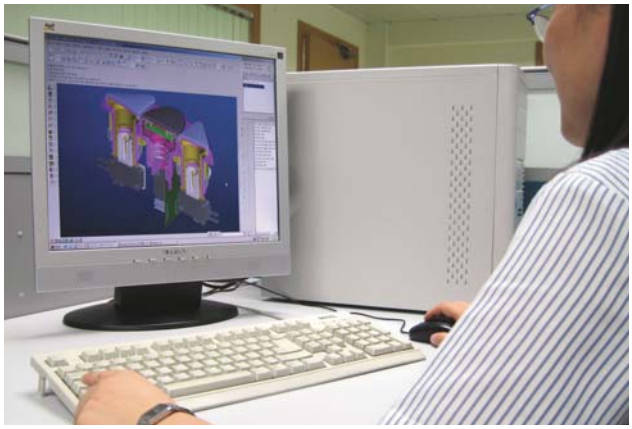
Features

- ISO 9001 Certified and Approved
- Over 270 employees
- 130,000 sq ft under one roof
- ERP Control System

Staff Breakdown	Staff
Electromechanical and Electronics R&D	15
Mechanical Design	5
Electrical Design	3
Electronic Tech	3
Software	1
Other	3
Tool Design	26
Plastic Injection Molding	40
SMD Assembly and Production	12
Production and Assembly	130
QC, QA and Material Control	30
Management and Administration	20
Total Staff	273

Product Development

Extensive in-house resources allow feasibility studies, design engineering, product development and production. Projects can be taken from concept to completion quickly with custom engineered solutions.



Experienced in-house Industrial, Mechanical, Electronic and Plastic Tooling R&D teams can provide full R&D design and advise on product functionality, material and component selection. Modern modeling technology ensures the mechanical design process to be effective and accurate.

Product Development CONTINUED

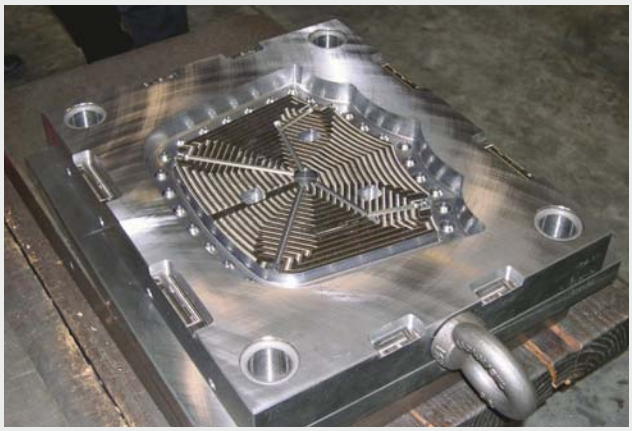


Multiple project teams are capable of handling mechanical and electronic designs at the same time which reduces turnaround time.

Injection Molding and Tooling

Extensive equipment in-house allows products to be manufactured at competitive costs with quick lead times. Our capabilities include 71 plastic injection molding machines in China ranging in size from 25 tons to 1,600 tons.











PCB Board Production

PCB production and assembly lines are equipped for both surface mount and thru-hole technologies.



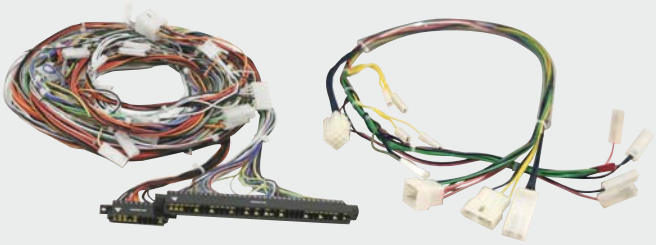




Wire Harnessing

An experienced R&D Team with over 19 years of experience in designing cable assemblies ranging from simple to complex to fit the production needs of our customers.

From initial design, sampling and mass production quality is the focus to provide you with the best competitive solution.













Assembly

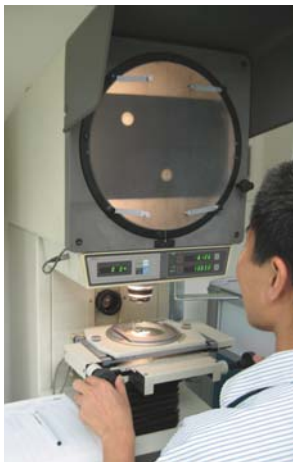
Extensive knowledge in project related manufacturing, precision OEM products and sub-assemblies for various applications and industries. We can take your proprietary designs and put them into production. Included in the assembly process is custom decorating and printing on products. Three Tampo print machines allow decorative designs to be placed on plastic products.





Quality and Testing

Quality control and assurance is a key focus with 30 trained technicians. Every step of the production process is monitored to assure product reliability.













SUZO-HAPP GROUP
Worldwide Locations

suzohapp.com

SUZO HAPP
GAMING, AMUSEMENT AND INDUSTRIAL COMPONENTS

NORTH AMERICA

SUZO-HAPP GROUP (NA)
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2015 Helm Road, Las Vegas, NV 89119
9549 Penn Ave, South, Bloomington, MN 55431
2547 Fire Road Unit I 9, Egg Harbor TWP, NJ 08234
1112 Ashfor Avenue Suite 2 B, Condado San Juan Puerto Rico 00907
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Email: info@suzohapp.eu

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Spain

Phone: (+34) 966 187 240
Fax: (+34) 966 187 241

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China Production Facility
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Zhuhai, China 519040

SUZO-HAPP GROUP
Hong Kong Office
809-810, Block A, Hoi Luen Ind. Centre
55, Hoi Yuen Road, Kwun Tong
Kowloon, Hong Kong



SUZO HAPP SERVICE GROUP

Suzo-Happ provides warranty and repair services on a variety of gaming, amusement, retail and vending products.

Suzo-Happ Service Programs

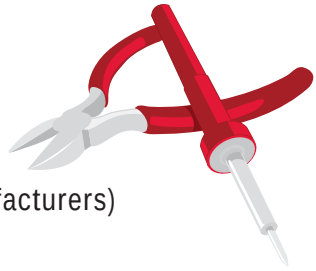
- Flat Rate Repairs
- Reconditioned Products
- On-Site Maintenance
  In Select Locations
- Pick Up & Delivery Service
  In Select Locations

Factory trained technicians located across the United States ensure your products are restored to original equipment manufacturer's specifications using factory approved parts.

Responsive service support staff provide ease of processing your service needs.

Trusted and proven service quality from original equipment manufacturers to end users.

AMUSEMENT, RETAIL & VENDING



Authorized Warranty Services

- ✓MEI
- ✓Kortek
- ✓CERONIX
- ✓Makvision LCD & CRT
- ✓Vision Pro
  Using Factory Approved Parts

Repair Services

- ✓LCD/CRT Monitors (All Major Manufacturers)
- ✓Coin Counters
- ✓Midway Game Boards
- ✓TouchTunes Devices
  - MJS PC
  - General Touch LCDs

TouchTunes



MAKVISION INC.





Service RMA and Inquiries
PHONE (866) 736-2374 FAX (702) 597-5360 EMAIL SERVICE@SUZOHAPP.COM

Flat Rate Repairs AMUSEMENT, RETAIL & VENDING






CRT Monitors & Chassis (All Major Manufacturers)
Includes Kortek, CERONIX, Makvision, Wells Gardner, Vision Pro & NeoTech
Includes diagnostic testing & component replacement.
Note: Price excludes any CRT tube, touch screen & touch screen controller repair required

Midway / Atari Game Boards and Hard Drive Repair

Service charge applies for diagnostic testing and evaluation

Repairs

Note: All Repair Services are Labor + Parts

Bill Validator Level I
Includes MEI Series 2000, MEI SC Series Cashbox and Chassis
Includes diagnostic testing, calibration, and cleaning.

Bill Validator Level II
Includes MEI SC Series Cashflow, MEI ZT Series, and MEI Series 3000 RTUs and other amusement, gaming and retail models
Includes diagnostic testing, calibration, and cleaning.

Software Updates (Per customer request: low cost download and calibration only)

MEI Bill Validator SC Series Interface Board
(Boards that can not be repaired may be returned upon customer request)

MEI Bulk Note Feeder (BNF)
Includes diagnostic testing, calibration and cleaning

Kortek MLD LCDs
Includes diagnostic testing, calibration and cleaning

Kortek Large Screen LCDs
32/40/46/52
Includes diagnostic testing, calibration and cleaning

Kortek Large Screen LCDs with PC
Includes diagnostic testing, calibration and cleaning
Must provide windows OS.

Service RMA and Inquiries
PHONE (866) 736-2374 FAX (702) 597-5360 EMAIL SERVICE@SUZOHAPP.COM

For your convenience, please phone, fax or email for an RMA form and authorization number.

VISION PRO DUAL RESOLUTION LCD MONITORS

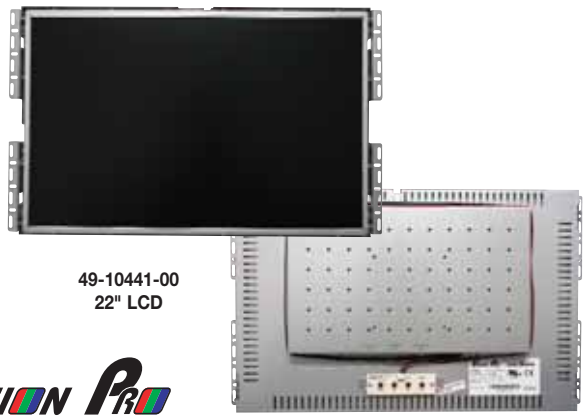


49-2604-30 19" LCD





Connector View 49-2604-30



49-10441-00
22" LCD

See page 17 for Mounting Dimensions

- Suzo-Happ's Dual Resolution LCD Monitors
- Units work in CGA, VGA, SVGA or XGA resolutions
- Ideal for use in most Amusement applications
- Replace your old outdated CRT monitors with a Vision Pro LCD and give your games a new modern look
- Made from high-grade components including AU Optronics (AUO) LCD panels that offer better picture quality, balanced picture image and a longer life span with no burn-in (which is typical with traditional CRT monitors)
- All units have a unique frame design that allows you to adjust the depth of the LCD panel to accommodate use of a touch screen along with several standard and custom mounting configurations
- Built in connectors on back of LCD for both 6 & 10 pin RGB CGA signal or DB15 VGA Signal
- Pre-programmed to automatically sync with popular CGA games
- LCDs can be pre-programmed for other CGA games upon request (Contact your sales rep for details)
- Integrated units available with safety glass overlay
- Power supply and cord and 10 pin CGA cable included
- 1-year warranty from date of sale

Part Number	Description
49-2762-30	15" Vision Pro LCD CGA thru XGA Monitor Only
49-2762-36	15" Vision Pro LCD CGA thru XGA with Protective Glass
49-2603-30	17" Vision Pro LCD CGA thru XGA Monitor Only
49-2603-36	17" Vision Pro LCD CGA thru XGA with Protective Glass
49-2604-30	19" Vision Pro LCD CGA thru XGA Monitor Only
49-2604-36	19" Vision Pro LCD CGA thru XGA with Protective Glass
49-10441-00	22" Vision Pro LCD CGA thru XGA Monitor Only
49-10441-36	22" Vision Pro LCD CGA thru XGA with Protective Glass
49-2907-00	Mounting Bracket Adapter for use on 19" LCD Cadillac Jack Cabinets (4 Required per LCD)
49-2908-00	Mounting Bracket Adapter for use on 15" LCD to match PEACH STATE LCD Monitor Mounting (4 Required per LCD)
49-2918-00	Mounting Bracket Adapter for use on 19" LCD to match PEACH STATE LCD Monitor Mounting (4 Required per LCD)



See page 37 for Mounting Bezels

17" and 19" Specifications	
Power Supply	+12 VDC 2.5A MAX
Input Video Signal	
Signal: RED, GREEN, BLUE Analog only	
Polarity: Positive	
Level: Analog from 0.714 to 2.5 [VP-P]	
Maximum Dot Clock: 135 [MHz]	
Input Sync Signal	
Polarity: (+) or (-) H,V Separate or Composite sync	
Level: TTL Compatible	
High: 2.4 ~ 5.0[V]	
Low: 0.0 ~ 0.8[V]	
Scan Frequency: 15 ~ 80.0[KHz]	
Panel Specifications	
Display Area 376.32 (H) x 301.06 (V) mm (19" dia.)	
Display Area 337.92 (H) x 270.336 (V) mm (17" dia.)	
Driver Element a-Si TFT active matrix Dot	
Display Colors 16.78M True Color	
Number of Pixels 1,280 x 1,024 Pixel	
Pixel Arrangement RGB Vertical Stripe	
Pixel Pitch 0.294 (per one triad) x 0.294 mm (19")	
Pixel Pitch 0.264 (H) _ 0.264 (W) mm (17")	
Display Mode Normally White	
Viewing Angle 80/80/80/80 (U/D/L/R) Degrees CR≥10 (19")	
Viewing Angle 70/60/70/70 (U/D/L/R) Degrees CR≥10 (17")	
Weight 2500 g Max. (19"), Weight 1900 g Max. (17")	
Contrast Ratio Typ = 700:1 Center of panel (19")	
Contrast Ratio Typ = 500:1 Center of panel (17")	
Response Time Rise = 4.5ms , Fall = 1.5ms Typ. (19")	
Response Time Rise = 6ms , Fall = 2ms Typ. (17")	
White Luminance Typ = 300cd/m2 Cd/m2 Center of panel	
Brightness Uniformity Typ = 80%	
Dimensions 396 (H) x 324 (V) x 17.5 (D) (Typ) mm (19")	
Dimensions 358.5 (H) x 296.5 (V) x 17.0 (D) (Typ) mm (17")	
Viewable Size/Type	19" RGB or 17" RGB
Signal Connector	DB15 and 10 pin .156 header
Power Connector	Center Positive Coaxial Power Jack
Supplied Items	Power supply with US Line cord, 1.5M VGA cable, CGA 10 harness

VISION PRO DUAL RESOLUTION INTEGRATED LCD MONITORS





49-2604-353MPOG 19" LCD



Connector View 49-2604-353MPOG



49-10441-353MPOG
22" LCD

VISION PRO

See page 17 for Mounting Dimensions

- Units are fully integrated with touch screen and controller
- Ideal for Amusement applications that require a touch screen
- Units work in CGA, VGA, SVGA or XGA mode
- Made from high-grade components including AU Optronics (AUO) LCD panels that offer better picture quality, balanced picture image and a longer life span with no burn-in (which is typical with traditional CRT monitors)
- Pre-programmed to automatically sync with popular CGA games
- All units have a unique frame design that allows you to adjust the depth of the LCD panel along with several standard and custom mounting configurations
- Built in connectors on back of LCD for both 6 and 10-pin RGB CGA signal or DB15 VGA signal
- Power supply, cord, and 10 pin CGA cable included
- LCD monitor has a 1-Year warranty from date of sale
- Touch screen includes 3-year warranty excluding vandalism
- Controller includes a 5-year warranty excluding vandalism

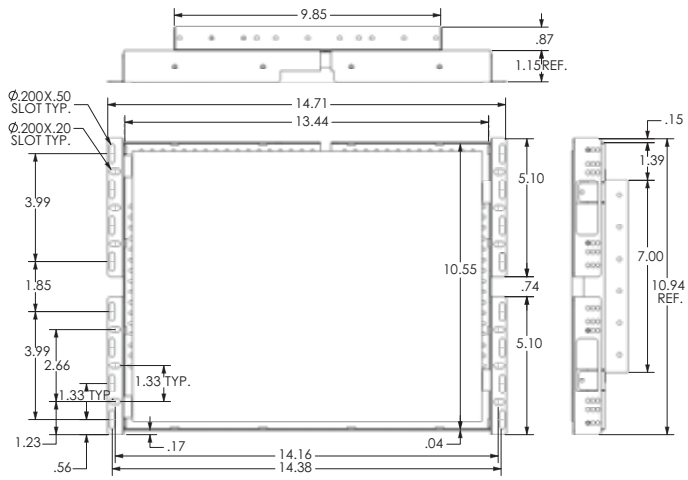
Part Number	Description
49-2762-353MPOG	15" Vision Pro LCD CGA thru XGA w/Touch Screen - Serial POG
49-2762-353MUSB	15" Vision Pro LCD CGA thru XGA w/Touch Screen - USB
49-2603-353MPOG	17" Vision Pro LCD CGA thru XGA w/Touch Screen - Serial POG
49-2603-353MUSB	17" Vision Pro LCD CGA thru XGA w/Touch Screen - USB
49-2604-353MPOG	19" Vision Pro LCD CGA thru VGA w/Touch Screen - Serial POG
49-2604-353MUSB	19" Vision Pro LCD CGA thru XGA w/Touch Screen - USB
49-10441-353MPOG	22" Vision Pro LCD CGA thru XGA w/Touch Screen - Serial POG
49-10441-353MUSB	22" Vision Pro LCD CGA thru XGA w/Touch Screen - USB
49-2907-00	Mounting Bracket Adapter for use on 19" LCD Cadillac Jack Cabinets (4 Required per LCD)
49-2908-00	Mounting Bracket Adapter for use on 15" LCD to match PEACH STATE LCD Monitor Mounting (4 Required per LCD)
49-2918-00	Mounting Bracket Adapter for use on 19" LCD to match PEACH STATE LCD Monitor Mounting (4 Required per LCD)



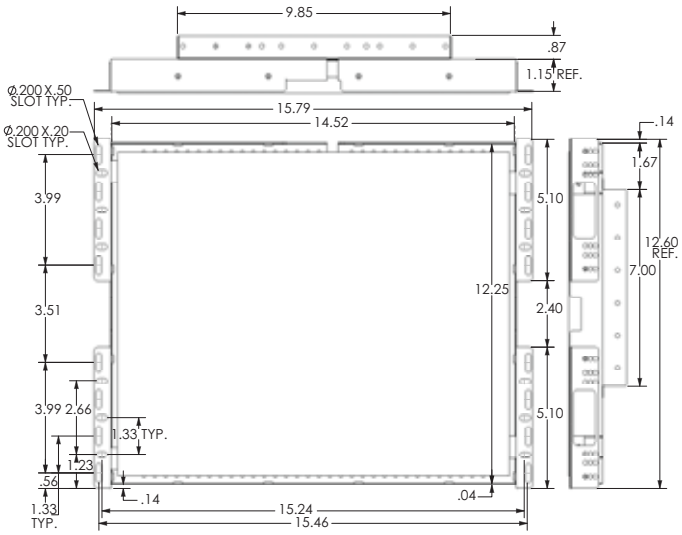
See page 37 for Mounting Bezels

17" and 19" Specifications	
Power Supply	+12 VDC 2.5A MAX
Input Video Signal	
Signal: RED, GREEN, BLUE Analog only	
Polarity: Positive	
Level: Analog from 0.714 to 2.5 [VP-P]	
Maximum Dot Clock: 135 [MHz]	
Input Sync Signal	
Polarity: (+) or (-) H,V Separate or Composite sync	
Level: TTL Compatible	
High: 2.4 ~ 5.0[V]	
Low: 0.0 ~ 0.8[V]	
Scan Frequency: 15 ~ 80.0[KHz]	
Panel Specifications	
Display Area 376.32 (H) x 301.06 (V) mm (19" dia.)	
Display Area 337.92 (H) x 270.336 (V) mm (17" dia.)	
Driver Element a-Si TFT active matrix Dot	
Display Colors 16.78M True Color	
Number of Pixels 1,280 x 1,024 Pixel	
Pixel Arrangement RGB Vertical Stripe	
Pixel Pitch 0.294 (per one triad) x 0.294 mm (19")	
Pixel Pitch 0.264 (H) _ 0.264 (W) mm (17")	
Display Mode Normally White	
Viewing Angle 80/80/80/80 (U/D/L/R) Degrees CR≥10 (19")	
Viewing Angle 70/60/70/70 (U/D/L/R) Degrees CR≥10 (17")	
Weight 2500 g Max. (19"), Weight 1900 g Max. (17")	
Contrast Ratio Typ = 700:1 Center of panel (19")	
Contrast Ratio Typ = 500:1 Center of panel (17")	
Response Time Rise = 4.5ms , Fall = 1.5ms Typ. (19")	
Response Time Rise = 6ms , Fall = 2ms Typ. (17")	
White Luminance Typ = 300cd/m2 Cd/m2 Center of panel	
Brightness Uniformity Typ = 80 %	
Dimensions 396 (H) x 324 (V) x 17.5 (D) (Typ) mm (19")	
Dimensions 358.5 (H) x 296.5 (V) x 17.0 (D) (Typ) mm (17")	
Viewable Size/Type	19" RGB or 17" RGB
Signal Connector	DB15 and 10 pin .156 header
Power Connector	Center Positive Coaxial Power Jack
Supplied Items	Power supply with US Line cord, 1.5M VGA cable, CGA 10 pin harness

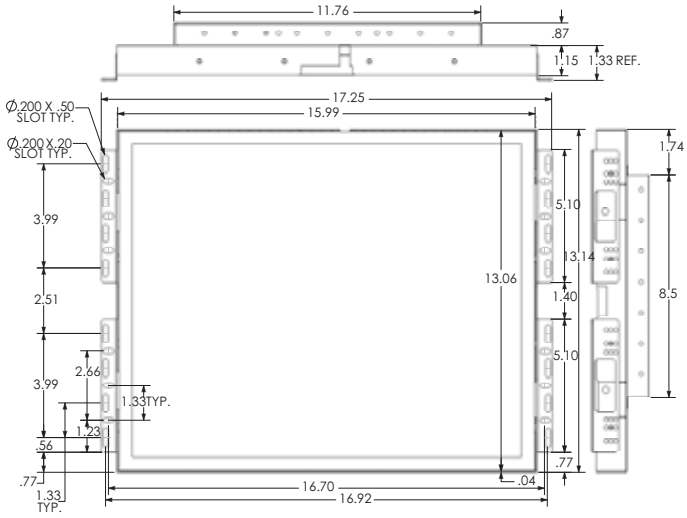
VISION PRO DUAL RESOLUTION LCD MONITOR DIMENSIONS



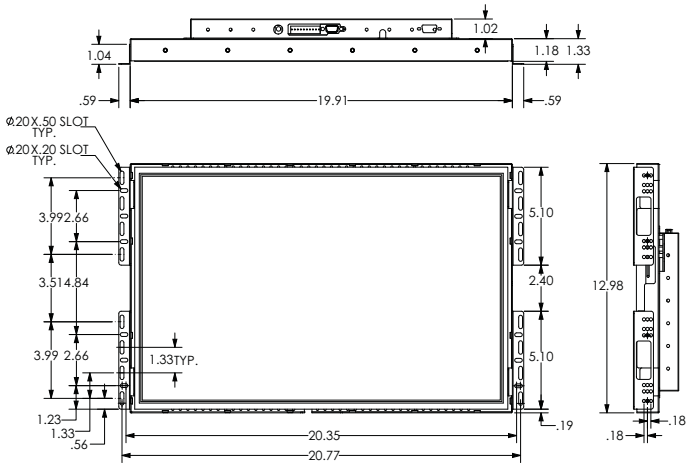
15" VISION PRO LCD MONITOR DIMENSIONS
49-2762-30
49-2762-36
49-2762-353MPOG
49-2762-353MUSB



17" VISION PRO LCD MONITORS DIMENSIONS
49-2603-30
49-2603-36
49-2603-353MPOG
49-2603-353MUSB



19" VISION PRO LCD MONITORS DIMENSIONS
49-2604-30
49-2604-36
49-2604-353MPOG
49-2604-353MUSB



22" VISION PRO LCD MONITORS DIMENSIONS
49-10441-00
49-10441-36
49-10441-353MPOG
49-10441-353MUSB

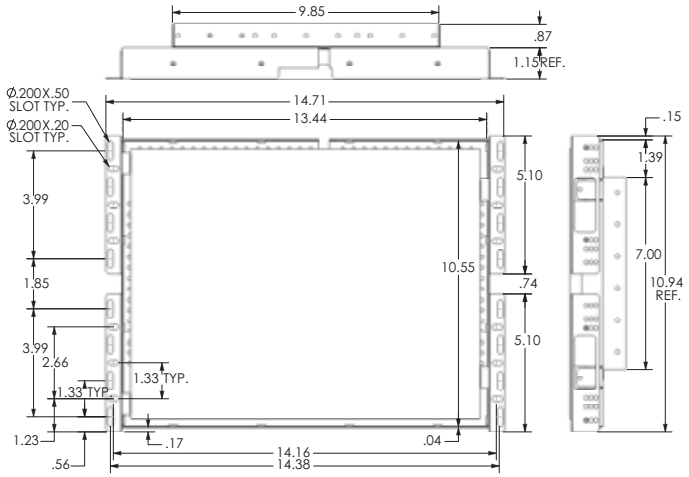
MAKVISION DUAL RESOLUTION LCD MONITORS



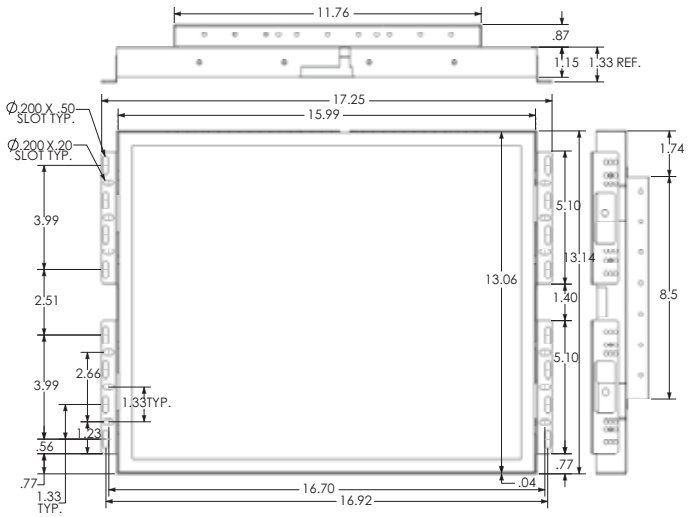
49-2773-30



Connector View 49-2773-30



15" MAKVISION LCD MONITOR DIMENSIONS
49-20504-00



19" MAKVISION LCD MONITOR DIMENSIONS
49-2773-30
49-2773-353MPOG

MAKVISION INC.

- Units work in CGA, VGA, SVGA or XGA resolutions
- Replace your outdated CRT monitors and give your games a fresh modern look
- LCD will auto-sync with most Amusement game board
- Makvision units have built in connectors that will mate with either a 6 and 10-pin RBG or a standard VGA plug
- Universal mounting frame allows you to mount the LCD vertically or horizontally
- Can be mounted in almost any cabinet configuration
- Units have a unique frame design that allows you to adjust the depth of the LCD panel to accommodate use of a touch screen
- Integrated unit includes touch screen and controller
- Power supply, cord, and 10 pin CGA cable included
- 1-year warranty from date of sale

Part Number	Description
49-20504-00	15" Makvision LCD for CGA thru XGA
49-2773-30	19" Makvision LCD CGA thru XGA without Touch Screen
49-2773-36	19" Makvision LCD CGA thru XGA with Safety Glass
49-2773-353MPOG	19" Makvision Integrated LCD with Serial POG Touch Screen and Controller
49-2773-353MUSB	19" Makvision Integrated LCD with USB Touch Screen and Controller
49-2907-00	Mounting Bracket Adapter for use on 19" LCD Cadillac Jack Cabinets (4 Required per LCD)
49-2908-00	Mounting Bracket Adapter for use on 15" LCD to match PEACH STATE LCD Monitor Mounting (4 Required per LCD)
49-2918-00	Mounting Bracket Adapter for use on 19" LCD to match PEACH STATE LCD Monitor Mounting (4 Required per LCD)

15" and 19" Monitor Specifications	
Pixel Pitch (mm)	.294 x .294
Backlight	CCFL x 4
Response	5ms
Aspect Ratio	5 : 4
Viewing Angle	Horizontal 170°, Vertical 160°
Video Input	SXGA, XGA, VGA or CGA
H-Frequency	15 ~ 80 KHz
H-Frequency	48 ~ 75 Hz
Resolution	1280 x 1024
Contrast Ratio	700 : 1 Typ
Brightness	300 cd / m 2
Horizontal Size	376.32
Vertical Size	301.056
Colors	16.2M
Bandwidth	130 MHz
Power Consumption	45 watts max
Input	AC/DC Adaptor (Input 110 - 240 VAC, Output 12 VDC)
Input Signal	.7 Vpp Analog 75 ohm
Sync	TTL Level Separate, Composite
PC Interface	Analog interface
Signal Cable	Standard VGA cable w/15-pin D-sub
Operating Temp.	0° ~ 40° C
Humidity	10 ~ 85^%
Outer Dimension	412.5mm x 341.5mm x 51.2mm

Commercial LCD Display Solutions from LG

Life's Good



The 42LD450C is not just a TV. It is an entertainment display with features to enhance the viewing experience as well as simplify the implementation and administration process. From the detail and clarity of a Full HD picture to integrated Public Display Settings, LG delivers something better.

- 1920x1080p Resolution, 50,000:1 Dynamic Contrast
- Public Display Settings – Cloning Capable
- ENERGY STAR® 4.1 and RoHS Compliant
- 2 Year Limited On-Site Warranty (Parts and Labor)

FULL HD 1080P HDMI ENERGY STAR DOLBY DIGITAL USB 2.0

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WHAT are people saying about the industry?

WHEN is the next trade show?

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LCD CONVERSION KIT FOR ARACHNID GALAXY II DART GAME

- Tired of replacing those 14" and 15" CRT monitors? It is time to upgrade to a larger and more reliable 19" LCD Display
- The larger crisp image of the 19" monitor provides a new and updated look to your Galaxy II Arachnid Dart games
- LCDs provide your route with longer life with no burn in found in CRT monitors
- Conversion kit includes everything to convert your cabinet:
  - Vision Pro 19" LCD with tempered safety glass
  - Replacement hinged bezel for LCD
  - Mounting brackets and hardware
- Installation is simple and can be completed at any location in less than 15 minutes
- The LCD comes with a standard 1-year warranty
- Kit requires the cabinet to have the hinged bezel and serial number above 1992



Detail View



Part Number	Description
49-2870-00	19" LCD Conversion Kit for Arachnid Galaxy II Dart Game

LG COMMERCIAL GRADE LCDS

New

- High quality name brand and dependability you can trust from LG
- Available HDTVs (with Tuners) or Monitors (without Tuner)
- LG Commercial grade advantages
  - LCD is designed for public use
  - Ability to disable or lock out front buttons of LCD avoiding situations that shut down your displays. For example, customers changing inputs, volume or simply pushing the power button
  - Access to prompt Commercial product phone support
- Power save feature option if you wish to turn on/off LCD at specific times of day or night
- Monitor Key Features
  - Split Zoom (Self Video Wall Feature)
  - Designed to run both in landscape and portrait mode
  - 3 Year "On-Site" Warranty
  - Narrow bezels
  - Optional hidden speakers

3 YEAR ON-SITE WARRANTY



LCD Commercial Monitors				
Part Number	49-30136	49-5892-A42	49-5891-A47	49-5892-A52
Size	42"	42"	47"	52"
Brand	LG	LG	LG	LG
Aspect Ratio	16:9	16:9	16:9	16:9
Resolution	1920x1080	1920x1080	1920x1080	1920x1080
HD	1080p	1080p	1080p	1080p
Public Display Mode	Yes	Yes	Yes	Yes
USB Cloning	No	No	No	No
VESA (WxH)	600mm x 400mm	600mm x 400mm	800mm x 400mm	800mm x 400mm
VESA Thread	M4	M4	M6	M6
Stand (Degrees)	Optional (Non-Swivel)	Optional (Non-Swivel)	Optional (Non-Swivel)	Optional (Non-Swivel)
Brightness	500 cd/m2	700 cd/m2	500 cd/m2	500 cd/m2
Dynamic Contrast Ratio	1,300:1	1,300:1	-	1,600:1
Contrast Ratio	3,000:1	3,000:1	3,000:1	800:1
Built-In Tuner	-	-	-	-
HDMI/DVI Input(s) (DVI Adapter. Req.)	1	1	1	1
HD Component Input	-	-	-	2 (Y,Pb,PR) + L/R Audio
Component Input (BNC Connectors)	-	2 (Y,Pb,PR) + L/R Audio	2 (Y,Pb,PR) + L/R Audio	-
L/R Audio / Composite Video Input(s)	1 Rear	1 Audio In 1 Audio Out (BNC)	1 Audio In 1 Audio Out (BNC)	1 Audio In 1 Audio Out (BNC)
RGB In (D-Sub 15 Pin) - PC	1 (1920 x 1080)	1 (1920 x 1080)	1 (1920 x 1080)	1 (1920 x 1080)
RGB Out (D-Sub 15 Pin) - PC	-	1 (1920 x 1080)	1 (1920 x 1080)	1 (1920 x 1080)
S-Video Input	-	1	1	1
RS-232C Input (Control/Service)	1 In	1 In & 1 Out	1 In & 1 Out	1 In & 1 Out
RJ45 (For Remote Jack Pack) RJP	-	-	-	-
LAN	-	1	-	-
Pro:Idiom Enabled	No	No	No	No
Video Wall Enabled	Yes (5 x 5 Max)	Yes (5 x 5 Max)	Yes (5 x 5 Max)	Yes (4 x 4 Max)
Speakers	Optional (external out)	Optional (external out)	Optional (external out)	Optional (external out)
Viewing Angle (Degrees)	178°/178°	178°/178°	178°/178°	178°/178°
Response Time	10ms	9ms	9ms	9ms
Life Span (Typical)	50,000 Portrait/Landscape	60,000 hrs	60,000 hrs	60,000 hrs
On/Off Timer	Yes	Yes	Yes	Yes
Voltage	110V-240V, 50/60 Hz	110V-240V, 50/60 Hz	110V-240V, 50/60 Hz	110V-240V, 50/60 Hz
Energy Star 3.0 Compliant	Yes	No	No	No
RoHS Compliant	Yes	Yes	Yes	Yes
Warranty	3-Year On-Site	3-Year On-Site	3-Year On-Site	3-Year On-Site
Narrow Bezel	Yes (30.4mm)	Yes (16.9mm)	Yes (29mm)	Yes (63mm)
Dimensions w/o Stand (WxHxD)	39.2" x 23.1" x 4.5"	38.1" x 22.0" x 5.0"	44.0" x 26.0" x 4.7"	50.52" x 30.16" x 4.62"
Dimensions with Stand (WxHxD)	39.2" x 26.5" x 11.5"	38.1" x 25.0" x 5.0"	44.0" x 29.7" x 4.7"	N/A
Weight (W/O and With) Stand	39.2 lbs. / 48 lbs.	41.2 lbs. / 44.1 lbs	63.5 lbs. / 72.4 lbs	99.2 lbs. / N/A
Shipping Weight	48.4 lbs.	48.0 lbs.	75.2 lbs.	121.25 lbs.

LG COMMERCIAL GRADE LCDS

New

- High quality name brand and dependability you can trust from LG
- Available HDTVs (with Tuners) or Monitors (without Tuner)
- LG Commercial grade advantages
  - LCD is designed for public use
  - Ability to disable or lock out front buttons of LCD avoiding situations that shut down your displays. For example, customers changing inputs, volume or simply pushing the power button
  - Access to prompt Commercial product phone support
- Power save feature option if you wish to turn on/off LCD at specific times of day or night
- HDTV Key Features
  - Multiple inputs for application flexibility
  - USB Cloning allows you to set settings on one HDTV and then save these to a USB drive. Then simply use that drive to setup all other monitors of that size the same way
  - Invisible Speaker System
  - Energy savings – Manually select your choice of the brightness levels
  - Public Display Settings – Provide you more control of options and limits to the display
  - 2 Year "On-Site" Warranty

2 YEAR ON-SITE WARRANTY



LCD Commercial HDTVs					
Part Number	**49-5887-A32**	**49-5887-A37**	**49-5890-B42**	**49-5887-A47**	**49-5887-55**
Size	32"	37"	42"	47"	55"
Brand	LG	LG	LG	LG	LG
Aspect Ratio	16:9	16:9	16:9	16:9	16:9
Resolution	1366x768	1366x768	1920x1080	1920x1080	1920x1080
HD	720p	720p	1080p	1080p	1080p
Public Display Mode	Yes	Yes	Yes	Yes	Yes
USB Cloning	Yes	Yes	Yes	Yes	Yes
VESA (WxH)	100mm x 100mm	200mm x 100mm	200mm x 200mm	200mm x 200mm	400mm x 400mm
VESA Thread	M4	M4	M6	M6	M6
Stand (Degrees)	+20 / -20 (Swivel)	+20 / -20 (Swivel)	+20 / -20 (Swivel)	+20 / -20 (Swivel)	+20 / -20 (Swivel)
Brightness	500 cd/m2	500 cd/m2	500 cd/m2	500 cd/m2	500 cd/m2
Dynamic Contrast Ratio	50,000:1	50,000:1	50,000:1	50,000:1	80,000:1
Contrast Ratio	1,200:1	1,200:1	1,400:1	1,400:1	1,400:1
Built-In Tuner	ATSC/NTSC/QAM	ATSC/NTSC/QAM	ATSC/NTSC/QAM	ATSC/NTSC/QAM	ATSC/NTSC/QAM
HDMI/DVI Input(s) (DVI Adapter. Req.)	2	2	2	2	2
HD Component Input	1 (Y,Pb,PR) + L/R Audio	1 (Y,Pb,PR) + L/R Audio	1 (Y,Pb,PR) + L/R Audio	1 (Y,Pb,PR) + L/R Audio	1 (Y,Pb,PR) + L/R Audio
Component Input (BNC Connectors)	-	-	-	-	-
L/R Audio / Composite Video Input(s)	1 Rear & 1 Side	1 Rear & 1 Side	1 Rear & 1 Side	1 Rear & 1 Side	1 Rear & 1 Side
RGB In (D-Sub 15 Pin) - PC	1 (1360 x 768)	1 (1360 x 768)	1 (1920 x 1080)	1 (1920 x 1080)	1 (1920 x 1080)
RGB Out (D-Sub 15 Pin) - PC	-	-	-	-	-
S-Video Input	-	-	-	-	-
RS-232C Input (Control/Service)	1	1	1	1	1
RJ45 (For Remote Jack Pack) RJP	1	1	1	1	1
LAN	-	-	-	-	-
Pro:Idiom Enabled	No	No	No	No	No
Video Wall Enabled	No	No	No	No	No
Speakers	10 Watt x 2	10 Watt x 2	10 Watt x 2	10 Watt x 2	10 Watt x 2
Viewing Angle (Degrees)	178˚/178˚	178˚/178˚	178˚/178˚	178˚/178˚	178˚/178˚
Response Time	6ms	6ms	6ms	6ms	2.7ms
Life Span (Typical)	60,000 hrs	60,000 hrs	60,000 hrs	60,000 hrs	60,000 hrs
On/Off Timer	Yes	Yes	Yes	Yes	Yes
Voltage	110V-240V, 50/60 Hz	110V-240V, 50/60 Hz	110V-240V, 50/60 Hz	110V-240V, 50/60 Hz	110V-240V, 50/60 Hz
Energy Star 3.0 Compliant	Yes	Yes	Yes	Yes	No
RoHS Compliant	Yes	Yes	Yes	Yes	Yes
Warranty	2-Year On-Site	2-Year On-Site	2-Year On-Site	2-Year On-Site	2-Year On-Site
Narrow Bezel	No	No	No	No	No
Dimensions w/o Stand (WxHxD)	31.7" x 20.8" x 3.1"	36.3" x 23.4" x 3.5"	40.5" x 25.9" x 3.5"	44.9" x 28.5" x 3.9"	52.7" x 32.6" x 4.3"
Dimensions with Stand (WxHxD)	31.7" x 23.0" x 8.8"	36.3" x 26.0" x 11.7"	40.5" x 28.2" x 11.7"	40.5" x 30.9" x 13.3"	52.7" x 35.5" x 16.7"
Weight (W/O and With) Stand	22.9 lbs / 25.4 lbs	27.3 lbs / 32.6 lbs	35.7 lbs / 39.7 lbs	43.9 lbs / 49.6 lbs	71.7 lbs / 79.4 lbs
Shipping Weight	29.1 lbs.	40.2 lbs.	46.7 lbs.	59.3 lbs.	96.6 lbs.

SHARP COMMERCIAL GRADE LCDS

New

- High quality name brand and dependability you can trust from SHARP
- HDTVs include Tuners
- SHARP Commercial grade advantages
  - LCD is designed for public use
  - 2 Year "On-Site" Commercial Warranty vs. others with Consumer Warranty
  - Ability to disable or lock out front buttons of LCD avoiding situations that shut down your displays. For example, customers changing inputs, volume or simply pushing the power button
  - Access to prompt Commercial product phone support
- HDTV Key Features
  - Multiple inputs for application flexibility
  - Available as 720p or 1080p
  - Integrated Speaker System
  - Energy savings – Manually select your choice of the brightness levels
  - Public Display Settings – Provide you more control of options and limits to the display
  - 2 Year "On-Site" Warranty

SHARP®

AQUOS®



Part Number	49-8911-2YEAR	49-8912-2YEAR	49-8914-2YEAR	49-8915-2YEAR
Size	32"	40"	46"	52"
Brand	SHARP	SHARP	SHARP	SHARP
Aspect Ratio	16:9	16:9	16:9	16:9
Resolution	1366x768	1920x1080	1920x1080	1920x1080
HD	720p	1080p	1080p	1080p
Public Display Mode	Yes	Yes	Yes	Yes
USB Cloning	No	No	No	No
VESA (WxH)	200mm x 200mm	400mm x 400mm	400mm x 400mm	400mm x 400mm
VESA Thread	M6 (12mm)	M6 (12mm)	M6 (12mm)	M6 (12mm)
Stand Included (Degrees)	Yes (0 Degrees)	Yes (0 Degrees)	Yes (0 Degrees)	Yes (0 Degrees)
Brightness	450 cd/m2	450 cd/m2	450 cd/m2	450 cd/m2
Built-In Tuner	ATSC/NTSC/QAM	ATSC/NTSC/QAM	ATSC/NTSC/QAM	ATSC/NTSC/QAM
HDMI/DVI Input(s) (DVI Adapter. Req.)	2	4	5	5
HD Component Input	2 (Y,Pb,PR) + L/R Audio	2 (Y,Pb,PR) + L/R Audio	2 (Y,Pb,PR) + L/R Audio	2 (Y,Pb,PR) + L/R Audio
Component Input (BNC Connectors)	-	-	-	-
L/R Audio / Composite Video Input(s)	1 Side	1	2	2
RGB In (D-Sub 15 Pin) - PC	1 (1360 x 768)	1 (1920 x 1080)	1 (1920 x 1080)	1 (1920 x 1080)
RGB Out (D-Sub 15 Pin) - PC	-	-	-	-
S-Video Input	1	1	1	1
RS-232C Input (Control/Service)	-	1 (9-Pin)	1 (9-Pin)	1 (9-Pin)
RJ45 (For Remote Jack Pack) RJP	-	-	-	-
LAN	-	-	-	-
Pro:Idiom Enabled	No	No	No	No
Video Wall Enabled	No	No	No	No
Speakers	10 Watt x 2	10 Watt x 2	10 Watt x 2	10 Watt x 2
Viewing Angle (Degrees)	176O/176O	176O/176O	176O/176O	176O/176O
Response Time	6ms	6ms	4ms	4ms
Life Span (Typical)	60,000 hrs	60,000 hrs	60,000 hrs	60,000 hrs
On/Off Timer	No	No	No	No
Voltage	120V, 60 Hz	120V, 60 Hz	120V, 60 Hz	120V, 60 Hz
Energy Star 3.0 Compliant	Yes	Yes	Yes	Yes
RoHS Compliant	Yes	Yes	Yes	Yes
Warranty	2-Year On-Site	2-Year On-Site	2-Year On-Site	2-Year On-Site
Narrow Bezel	No	No	No	No
Dimensions w/o Stand (WxHxD)	31.73" x 21.03"" x 4.17"	38.87" x 24.34" x 4.22"	43.83" x 28.16" x 3.95"	49.38" x 32.14" x 4.42"
Dimensions with Stand (WxHxD)	31.73" x 22.95"" x 9.77"	38.87" x 27.06" x 12.81"	43.83" x 30.48" x 12.81"	49.38" x 34.14" x 14.53"
Weight (W/O and With) Stand	26.5 lbs / 28.7 lbs	32.0 lbs / 38.6 lbs	41.9 lbs / 48.5 lbs	52.9 lbs / 61.7 lbs
Shipping Weight	35.3 lbs.	57.3 lbs.	61.7 lbs.	75.0 lbs.

15" CERONIX LCD UPGRADE KIT FOR BRUNSWICK

New



49-17021-00
Back



49-17021-00
Front

- Swap out your old Brunswick CRTs for a bright new LCD
- Kits are made with high grade Samsung panels and offer better picture quality with no “burn-in”
- Available with and without touch screen
- Infrared remote control allows you to easily make adjustments to the LCD picture (remote sold separately – Part No. CPM2251)
- Deigned to run cooler, last longer
- 4-year CERONIX warranty

CERONIX

Part Number	Description
49-16837-00	15" CERONIX LCD Upgrade Kit without Touch Screen
49-17021-00	15" CERONIX LCD Upgrade Kit with Touch Screen

LCD CONVERSION KIT FOR MERIT FORCE GAMES

- Re-energize your old Force cabinets and return them to profitability
- Replace the outdated and obsolete CRT monitor with a new fresh integrated 15" LCD
- LCDs provide your route with longer life with no burn in found in CRT monitors
- Every kit comes with all the necessary components to convert:
  - 15" Integrated LCD with 3M touch screen (Utilizes exisiting 3M controller in old cabinet)
  - CRT to LCD adaptor bezel
  - Mounting brackets & hardware
- Installation is simple and can be completed at any location
- LCD comes with a 1-year standard warranty



Front View



Side View

Part Number	Description
49-2885-00	LCD Conversion Kit for Merit Force Cabinets

19" LCD CONVERSION KIT FOR MERIT MEGATOUCH XL

New

- Do you have Merit machines that you can no longer use because the CRT monitor or curved touch screen are no longer available? Install this CRT to LCD upgrade for the perfect solution
- LCDs provide your route with longer life with no burn in found in CRT monitors
- Kits are designed for use with Merit XL Series 19" upright CRT game cabinets
- Replace the outdated and obsolete CRT monitor with a new fresh integrated 19" LCD
- Each kit includes all necessary components to convert the game:
  - 19" integrated LCD with touch screen
  - Custom replacement LCD bezel
  - Mounting brackets and hardware
- LCD comes with a 1-year standard warranty
- Does not include touch screen controller (reuse existing one)



Part Number	Description
49-2904-00	19" LCD Upgrade Kit for Merit CRT Upright Game Cabinets

19" LCD CONVERSION KIT FOR MERIT CRT UPRIGHT CABINETS

New

- Do you have a Merit that you can no longer use because the CRT monitor and curved touch screen is no longer available? Insert this CRT to LCD upgrade for the perfect solution
- LCDs provide your route with longer life with no burn in found in CRT monitors
- Kits are designed for use with Merit Megatouch Force and Megatouch Maxx 19" CRT upright game cabinets
- Each kit includes all necessary components to convert the game:
  - 19" integrated LCD with touch screen
  - Custom CRT to LCD adaptor bezel
  - Mounting brackets and hardware
- LCD comes with a 1-year standard warranty
- Does not include touch screen controller (reuse existing unit)



Part Number	Description
49-2903-00	19" LCD Upgrade Kit for Merit CRT Upright Game Cabinets

26" LCD UPGRADE FOR 25" & 27" GAME CABINETS

New

- Extend the life of your older games by converting them to a new 26" LCD
- LCDs are multi-sync and will work with resolutions of CGA, EGA, VGA, SVGA and XGA
- Mounting kit will work on cabinets that used either 25" or 27" cabinets and include the power adaptor harness
- Ideal for use with Hydro-Thunder, Off Road Thunder, Cruis'n USA, Exotica, Blitz, NBA Showtime, Gauntlet Legends/Dark Legacy, PGA Tour Golf, Golden Tee Golf (GT Fore cabinets and before) and Silver Strike Bowling (Will NOT work on IT Live/Silver Strike cabinets that incorporate the 15" LCD display)
- Customized Vacuum Formed LCD bezels provide a professional finished look
- 1-year warranty on the LCD

Part Number	Description
49-2861-00	26" Makvision Open Frame Multi-Sync LCD (CGAEGA/VGA/SVGA/XGA)
49-2861-10	26" Vision Pro Open Frame Multi-Sync LCD (CGAEGA/VGA/SVGA/XGA)
Mounting Kit	
49-2906-KIT	LCD Mounting Kit and Power Harness
LCD Bezels	
49-7627-A	26" LCD Bezel for Hydro-Thunder, Cruisn' USA and Off Road Thunder
49-7627-B	26" LCD Bezel for PGA Tour Golf
49-7627-C	26" LCD Bezel for Golden Tee Golf and Silver Strike Bowling
49-7627-D	26" LCD Bezel for Blitz 99, NBA Showtime and Gauntlet Legends\Dark Legacy
49-7627-E	26" LCD Bezel for Cruis'n Exotica



49-2861-00
26" Open Frame LCD Front View



49-2861-00
Back View

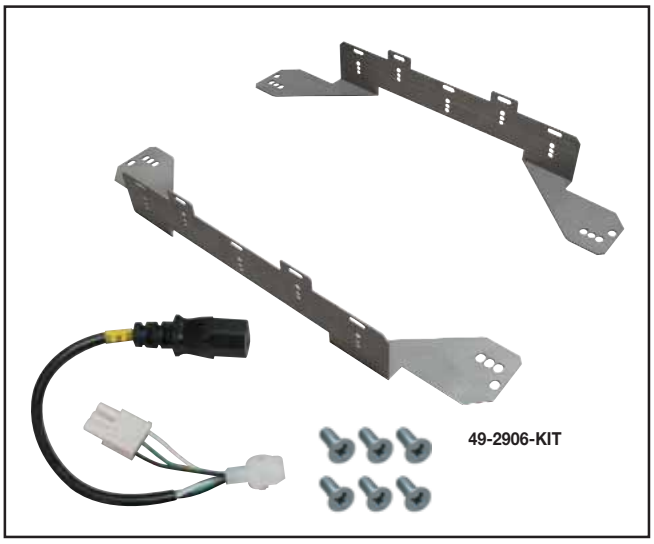


49-2861-00
Detail View



49-7627-XX
26" LCD Bezel





49-2906-KIT

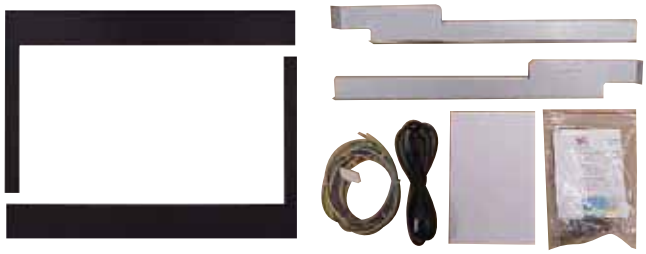
42" LCD UPGRADE KIT FOR 50" REAR-PROJECTION GAMES

New

Update your 50" rear-projection games with an energy saving LCD!

- Designed to retrofit 50" rear-projection games that operate CGA, EGA and VGA
- A 16x9 widescreen display will give your game a new and vivid look
- Bezel, brackets, and hardware included
- Time-saving mounting template makes for an easy installation
- Max resolution: 1366x768
- Contrast ratio: 1100:1
- Viewing angle: 178/178 degrees
- Video Interface: Composite CGA/EGA/VGA 10 pin games / 15 pin VGA
- Analog scanning frequency: 15-70 KHz
- Auto Size adjust: 3070 KHz VGA
- Auto Size & Manual adjust: 15-30 KHz CGA
- Power consumption: 204 watts





Bezel, Brackets & Hardware Included



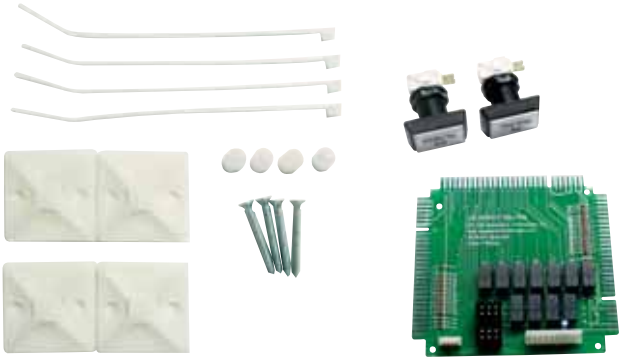
GO GREEN

Part Number	Description
49-18916-00	42" LCD Upgrade kit for 50" Rear Projection

ALL-IN-ONE PERFECT SOLUTION KIT

- Run two games in one cabinet
- The new and improved revolutionary kit contains all the necessary components to link older Incredible Technologies game's with newer versions
- Kit will now work with any I.T. game combination old or new
- Golden Tee Live with BAGS
- Strike Bowling with Golden Tee Live
- BAGS with Golden Tee Fore
- Easy installation
- Game boards sold separately





Part Number	Description
95-0862-00	All-In-One Perfect Solution Kit

UNIVERSAL FLAT WALL MOUNT

For 23" to 46" LCD Flat Panel Screens

New



- Universal mount fits screens with mounting patterns up to 17.73" W x 12.94" H
- Open wall plate architecture allows for total wall access
- Ultra-slim design holds screen only 1.2" from the wall for a low-profile application
- Horizontal screen adjustment of up to 6" (depending on screen model) for perfect screen placement
- Universal brackets easily hook onto wall plate for fast installation
- Mounts to wood studs, concrete, cinder block or metal studs (metal stud accessory required)
- Comes with Peerless' Sorted-for-You™ fastener pack with all necessary screen attachment hardware
- Integrated security options available
- Includes theft resistant hardware for attaching screen to mount
- UL listed
- Warranty: Limited 5-year

Part Number	Description
49-6442-00	Universal Flat Wall Mount for 23" to 46" LCDs

Specifications	
Dimensions (WxHxD)	19.37" x 13.75" x 1.2" (49.19 x 34.9 x 3 cm)
Load Capacity	150 lb (68 kg)
Weight	3.5 lb (1.6 kg)
Finish	Black scratch-resistant fused epoxy
Accessories	Metal Stud Accessory Kit (ACC 415)
Package Contents	Wall plate, universal brackets, mounting and screen attachment hardware

UNIVERSAL FLAT WALL MOUNT

For 32" to 50" LCD and Plasma Flat Panel Screens

New



- Universal mount fits screens with mounting patterns up to 29.23" W x 17.05" H
- Open wall plate architecture allows for total wall access
- Ultra-slim design holds screen only 1.7" from the wall for a low-profile application
- Horizontal screen adjustment of up to 8" (depending on screen model) for perfect screen placement
- Universal brackets easily hook onto wall plate for fast installation
- Mounts to wood studs, concrete, cinder block or metal studs (metal stud accessory required)
- Comes with Peerless' Sorted-for-You™ fastener pack with all necessary screen attachment hardware
- Integrated security options available
- Includes theft resistant hardware for attaching screen to mount
- UL listed
- Warranty: Limited 5-year

Part Number	Description
49-6443-00	Universal Flat Wall Mount for 32" to 50" LCDs

Specifications	
Dimensions (WxHxD)	30.87" x 18" x 1.7" (78.4 x 45.7 x 4.3 cm)
Load Capacity	175 lb (79.3 kg)
Weight	5.47 lb (2.51 kg)
Finish	Black scratch-resistant fused epoxy
Accessories	Metal Stud Accessory Kit (ACC 415)
Package Contents	Wall plate, universal brackets, mounting and screen attachment hardware

UNIVERSAL FLAT WALL MOUNT

For 37" to 60" LCD and Plasma Flat Panel Screens

New



- Universal mount fits screens with mounting patterns up to 32.48" W x 17.05" H
- Increased screen compatibility includes VESA® 800 mm x 400 mm mounting hole patterns
- Open wall plate architecture allows for total wall access
- Ultra-slim design holds screen only 1.2" from the wall for a low-profile application
- Includes deep screen adapters to hold screen 1.7" from wall for easier cable management access
- Horizontal screen adjustment of up to 8" (depending on screen model) for perfect screen placement
- Universal brackets easily hook onto wall plate for fast installation
- Mounts to wood studs, concrete, cinder block or metal studs (metal stud accessory required)
- Comes with Peerless' Sorted-for-You™ fastener pack with all necessary screen attachment hardware
- Integrated security options available
- Includes theft resistant hardware for attaching screen to mount
- UL listed
- 5-year limited warranty

Part Number	Description
49-10154-00	Universal Flat Wall Mount for 37" to 60" LCDs

Specifications	
Dimensions (WxHxD)	34.12" x 18" x 1.2" (86.70 x 45.70 x 3 cm)
Load Capacity	200 lb (90.7 kg)
Weight	6.76 lb (3 kg)
Finish	Black scratch-resistant fused epoxy
Accessories	Metal Stud Accessory Kit (ACC 415)
Package Contents	Wall plate, universal brackets, mounting and screen attachment hardware

UNIVERSAL TILT WALL MOUNT

For 23" to 46" LCD Flat Panel Screens

New

- Universal mount fits screens with mounting patterns up to 18" W x 12.94" H
- Open wall plate architecture allows for total wall access
- Adjustable up to 15° of forward tilt and -5° backward tilt for optimal viewing angle
- Pre-tensioned universal tilt screen adapters allow for tilt adjustment without the use of tools
- Easy-grip lever locks the screen position into place
- Optional IncreLock™ feature offers fixed angles of -5°, 0°, 5°, 10°, 15°
- Horizontal screen adjustment of up to 6" (depending on screen model) for perfect screen placement
- Universal screen adapters easily hook onto wall plate for fast installation
- Mounts to wood studs, concrete, cinder block or metal studs (metal stud accessory required)
- Comes with Peerless' Sorted-for-You™ fastener pack with all necessary screen attachment hardware
- Integrated security options available
- Includes theft resistant hardware for attaching screen to mount
- UL listed
- 5-year limited warranty



peerless® MOUNTS

Part Number	Description
49-6444-00	Universal Tilt Wall Mount for 23" to 46" LCDs

Specifications	
Dimensions (WxHxD)	19.37" x 13.75" x 2.6" (49.2 x 34.9 x 6.6 cm)
Load Capacity	150 lb (68 kg)
Weight	6.32 lb (2.86 kg)
Finish	Black scratch-resistant fused epoxy
Accessories	Metal Stud Fastener Kit (ACC415)
Package Contents	Wall plate, universal screen adapters, mounting and screen attachment hardware

UNIVERSAL TILT WALL MOUNT

For 32" to 50" LCD and Plasma Flat Panel Screens

New

- Universal mount fits screens with mounting patterns up to 29.5" W x 17.67" H
- Open wall plate architecture allows for total wall access
- Adjustable up to 15° of forward tilt and -5° backward tilt for optimal viewing angle
- Pre-tensioned universal tilt bracket allows for tilt adjustment without the use of tools
- Easy-grip lever locks the screen position into place
- Optional IncreLock™ feature offers fixed tilt angles of -5°, 0°, 5°, 10°, 15°
- Horizontal screen adjustment of up to 8" (depending on screen model) for perfect screen placement
- Universal screen adapters easily hook onto wall plate for fast installation
- Mounts to wood studs, concrete, cinder block or metal studs (metal stud accessory required)
- Comes with Peerless' Sorted-for-You™ fastener pack with all necessary screen attachment hardware
- Integrated security options available
- Includes theft resistant hardware for attaching screen to mount
- UL listed
- 5-year limited warranty



peerless® MOUNTS

Part Number	Description
49-6445-00	Universal Tilt Wall Mount for 32" to 50" LCDs

Specifications	
Dimensions (WxHxD)	30.87" x 18.5" x 2.6" (78.4 x 46.9 x 6.3 cm))
Load Capacity	175 lb (79 kg)
Weight	7.94 lb (3.6 kg)
Finish	Black scratch-resistant fused epoxy
Accessories	Metal Stud Fastener Kit (ACC415)
Package Contents	Wall plate, universal screen adapters, mounting and screen attachment hardware

UNIVERSAL TILT WALL MOUNT

For 37" to 60" LCD and Plasma Flat Panel Screens

New

- Universal mount fits screens with mounting patterns up to 32.75" W x 17.67" H
- Increased screen compatibility includes VESA® 800 x 400 mm mounting hole pattern
- Open wall plate architecture allows for total wall access
- Adjustable up to 15° of forward tilt and -5° backward tilt for optimal viewing angle
- Pre-tensioned universal tilt screen adapters allow for tilt adjustment without the use of tools
- Easy-grip lever locks the screen position into place
- Optional IncreLok™ feature offers fixed tilt angles of -5°, 0°, 5°, 10°, 15°
- Horizontal screen adjustment of up to 8" (depending on screen model) for perfect screen placement
- Universal screen adapters easily hook onto wall plate for fast installation
- Mounts to wood studs, concrete, cinder block or metal studs (metal stud accessory required)
- Comes with Peerless' Sorted-for-You™ fastener pack with all necessary screen attachment hardware
- Integrated security options available
- Includes theft resistant hardware for attaching screen to mount
- UL listed
- 5-year limited warranty



peerless® MOUNTS

Specifications	
Dimensions (WxHxD)	34.1" x 18.5" x 2.6" (86.6 x 46.9 x 6.6 cm)
Load Capacity	8.28 lb (3.75 kg)
Weight	7.94 lb (3.6 kg)
Finish	Black scratch-resistant fused epoxy
Accessories	Metal Stud Fastener Kit (ACC415)
Package Contents	Wall plate, universal screen adapters, mounting and screen attachment hardware

Part Number	Description
49-6446-00	Universal Tilt Wall Mount for 37" to 60" LCDs

PULL-OUT SWIVEL WALL MOUNT

For 26" to 50" LCD & Plasma Flat Panel Screens

New

- VESA 100 and 200 x 100 compatible (PLP or LC model adapter plate required for non-VESA screens)
- Pull-out swivel with up to 45° rotation depending on screen size
- Locking tab provides optional swivel restriction to one side
- 2.25" deep in closed position, up to 10.75" fully extended
- 0°, 5° or 10° lockable incremental tilt
- +/-1° roll for horizontal screen alignment during installation
- Built-in cord management
- Lock Key™ installation tool secures arms for screen installation
- Lock-out screw prevents unwanted extension
- Mounts to 16" wood studs, concrete, cinder block
- Includes mounting and screen attachment hardware (theft resistant hardware for attaching screen to mount)
- UL Listed
- 5-year limited warranty

peerless® MOUNTS



Specifications	
Dimensions (WxHxD)	21" x 9" x 2.25" (53.3 x 22.9 x 5.7 cm)
Load Capacity	UL listed to 150 lb (68 kg)
Weight	20.1 lb (9.1 kg)
Finish	Black scratch-resistant fused epoxy
Accessories	Metal Stud Accessory Kit (ACC 415)
Package Contents	Package Contents Mount, Lock Key™ installation tool, locking swivel tab, mounting and VESA 100 and 200x100 screen attachment hardware

Part Number	Description
49-6447-00	Pull-Out Swivel Mount for 26" to 50" LCDs

ARTICULATING WALL ARM

For 22" to 40" LCD Flat Panel Screens

New

- Fits 22" to 40" LCD screens
- Pre-assembled for fast and easy installation
- Comes with VESA® 75/100, 200 x 100, 200 x 200 mm screen adapter plate
- Non-VESA adapter plates available (sold separately)
- Three pivot points for virtually limitless adjustment that can be tightened to restrict movement
- 20° of smooth, continuous, one-touch tilt (5° up, 15° down)
- Offers up to 180° of swivel (depending on screen model)
- Adjustable roll of 7° in either direction allows screen to be easily leveled
- Anodized aluminum finish available in black or silver
- Built-in internal cord management conceals wires for a clean look
- Includes hardware for installation to a single wood stud or concrete
- 5-year limited warranty



peerless® MOUNTS

Specifications	
Dimensions (WxHxD)	8.75"-11.63" x 9.35" x 3.44"-20.2" (22.22 - 29.54 x 23.74 x 8.73 - 51.3 cm)
Load Capacity	80 lb (36.28 kg)
Weight	7.9 lb (3.58 kg)
Finish	Black anodized aluminum
Accessories	Metal Stud Wall Plate (WSP models) Security Screen Fasteners (ACC919
Package Contents	Adjustable arm, VESA® 75/100, 200 x 100 and 200 x 200 screen adapter, mounting hardware

Part Number	Description
49-6448-00	Articulating Wall Arm for 22" to 40" LCDs

ARTICULATING WALL ARM

For 32" to 50" LCD and Plasma Flat Panel Screens

New



peerless® MOUNTS

- 1" clearance per channel for clean and simple cable management
- 10.75" of horizontal adjustability for ideal screen placement
- Arm extends 27.8" (plus thickness of screen adapter)
- UL listed for strength and reliability
- Color-coded wall access ports in wall plate provide optimal electrical access
- ±2.5° roll to level the screen horizontally
- +15/-5° of one-touch tilt for easy screen positioning
- All-metal load bearing construction provides strength and clean looks
- Landscape and portrait mounting capability
- 5-year limited warranty

Specifications	
Dimensions (WxHxD)	32.87" x 18.25" x 6.8"-29.8" (83.48 x 46.35 x 17.27-75.69 cm)
Load Capacity	150 lb (68 kg)
Weight	34.1 lb (15.5 kg)
Finish	High gloss black, scratch resistant fused epoxy
Accessories	ACC615: Metal Stud Togglers (for up to 110 lb flat panels)
	SCS222: Double Stud Dual Component Shelf System
	SCS212: Dual Component Shelf System
	SCS221: Double Stud Component Shelf
	SCS211: Component Shelf
	ACC924/926: Cable Management Wall Channel
	ACC925: Security Fasteners
	MSA-101 (S): Center Channel Speaker Mount
	MSA-301 (S): Center and Side Speaker Mount
Package Contents	Wall plate, articulating arm, VESA® adapter plate, universal brackets (U models), mounting and screen attachment hardware

Part Number	Description
49-6449-00	Articulating Wall Arm for 32" to 52" LCDs

FLAT PANEL CEILING MOUNT FOR 32" TO 60" LCD AND PLASMA SCREENS

New

- Offers a straight column from the ceiling attachment point to the flat panel screen
- Ideal for sports facilities, airports, lobbies or retail environments
- It delivers 20° of adjustable tilt and 360° of swivel
- Ships complete with 2.5' fixed length extension column and theft resistant security fasteners
- Model-specific or Universal style PLP adapter plates are available to match your screen make and model, both are sold separately
- For screens larger than 60" a dedicated plate must be purchased



FEATURES:

- 0° to 20° adjustable tilt and 360° swivel
- Screen mounts vertically or horizontally
- Uses standard 1-1/2" – 11.5 NPT schedule 40 pipe
- Additional length can be added for lowering
- Theft-resistant security fasteners secure the screen to the mount
- Sold with or without ceiling plate
- Cord management
- Complete detailed installation instructions for wood and concrete structures

Part Number	Description
49-6450-00	Flat Panel Ceiling Mount for 32" to 60" LCDs

LCD SCREEN PROTECTORS

New





TOP DETAIL VIEW



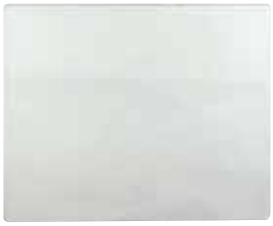
BOTTOM DETAIL VIEW

- High quality 1/4" thick clear optical grade acrylic shield designed to protect the investment you made in your LCD
- Scratch resistant plastic protects those delicate LCD screens from almost any type of damage
- High grade components preserve High Def picture quality
- Easy installation takes less than 10 minutes
- Easy to clean with acrylic cleaner (non-ammonia based) and a microfiber cloth

Part Number	Description
49-5888-32	LCD Shield 30-32" Screen Protector
49-5888-37	LCD Shield 36-37" Screen Protector
49-5888-42	LCD Shield 40-42" Screen Protector

SAFETY GLASS FOR LCDS

- Fits over LCD viewing area and provides protection from damage
- Apply glass as you would a touch screen
- Made from tempered treated glass

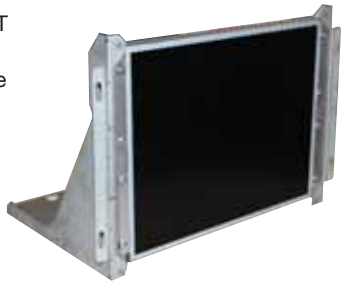


Part Number	Description
49-2770-15	Safety Glass for 15" LCD
49-2770-17	Safety Glass for 17" LCD
49-2770-00	Safety Glass for 19" LCD
CPM2408	Safety Glass for 22" LCD

19" SUZO-HAPP LCD RETRO FRAME KIT

New

- Custom engineered frame
- Allows you to mount a 19" Vision Pro LCD as a 19" CRT shelf mount monitor
- Made from durable 16 gauge galvanized steel
- Some assembly required
- All hardware included
- LCD sold separately
- Will work with 49-2604-30



Part Number	Description
49-2776-00	19" Suzo-Happ LCD Retro Frame Kit

MAKVISION

INDUSTRY'S ORIGINAL TRI-MODE AUTOSYNC MONITOR



LCD MONITORS

15" LCD (14" Merit game conversions)

15" and 19" LCD with CGA autosync (CRT monitor conversions)

26" and 32" LCD with CGA autosync, adjusts to various image sizes including 4:3 ratio (27" CRT monitor conversions)

32" and 42" LCD (Raw Thrills, Namco, Sega and ICE games)

47" LCD (Projector conversions and Sega games)

55" LCD with HDMI (Namco and Sega games)

CRT MONITORS

24.8" Tri-mode CGA, EGA and VGA (26" monitor conversions)

27" Tri-mode CGA, EGA and VGA

27" SVGA (Raw Thrills and I.T. CRT games)

MAKVISION INC. IS PLEASED TO BE THE RECIPIENT OF RAW THRILLS 2010 AWARD FOR EXCEPTIONAL QUALITY AND PERFORMANCE

SUZO HAPP

888-289-4277 | WWW.SUZOHAPP.COM

27"/29" MAKVISION TRI-MODE MONITOR

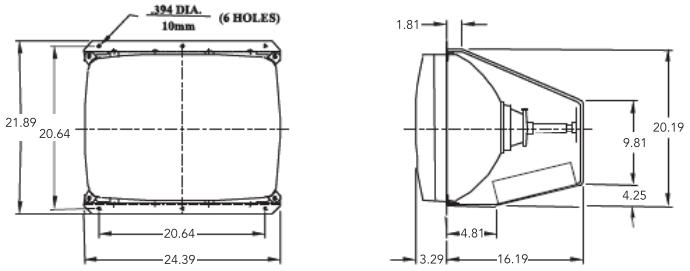
- Works in either Standard Resolution (CGA), Medium Resolution (EGA) or VGA Resolution
- Unit will also work with older Golden Tee games (Golden Tee, Golden Tee Fore and Golden Tee Fore 2002-2005)
- Universal mounting frame that will fit in most cabinet configurations
- Because of the flat CRT, you will need to replace with a 27" flat form fitted bezel (49-1857-00)
- UL Approved
- 1-Year warranty
- Power cord sold separately (49-5179-00)



MAKVISION INC.

Specifications	
CRT Size	29" (27V) Flat
Dot Pitch	0.79mm
Video Input	Analog 0.7VPP (75ø)/TTL 2.5-5.0VPP (2Kø)
Sync Input	TTL Level Positive/Negative/Separate or Composite
H-Frequency	15/24/31KHz
V-Frequency	47-70Hz
Bandwidth	65MHz
Resolution	640 x 480 max
Power Supply	100-240VAC 50/60Hz
Power Consumption	120W
Signal Connector	15-pin D-sub male connector
Weight	103 lbs
Approvals	TUV, S-Mark & UL

MONITOR DIMENSIONS



Part Number	Description
49-2715-00	27/29" Flat Tri-Mode Monitor (CGA/EGA/VGA)
49-2726-00	Replacement Chassis for 27/29" Tri-Mode
49-5179-00	Power Cord
49-1857-00	27" Flat Monitor Bezel

25" MAKVISION TRI-MODE MONITOR

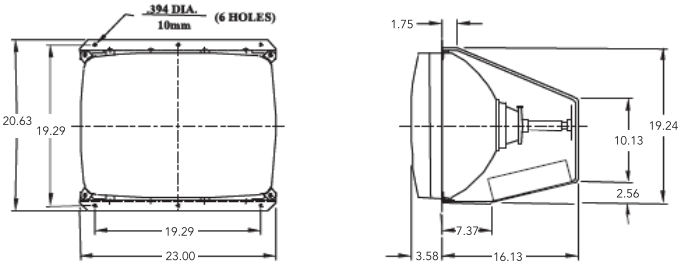
- Power cord sold separately (49-5179-00)
- Will work in either Standard Resolution (CGA), Medium Resolution (EGA) or VGA Resolution
- Get your EGA games back out on the street making money again
- Unit will also work with older Golden Tee games (Golden Tee, Golden Tee Fore and Golden Tee Fore 2002-2005)
- Universal mounting frame that will fit in most cabinet configurations
- UL Approved
- 1-Year warranty
- Monitor can be used with most standard form fitted 25" bezels



MAKVISION INC.

Specifications	
CRT Size	25" (24.8 viewable area) FS (Full Square)
Dot Pitch	0.79mm
Video Input	Analog 0.7VPP (75ø)/TTL 2.5-5.0VPP (2Kø)
Sync Input	TTL Level Positive/Negative/Separate or Composite
H-Frequency	15/24/31KHz
V-Frequency	47-70Hz
Bandwidth	65MHz
Resolution	640 x 480 max
Power Supply	100-240VAC 50/60Hz
Power Consumption	120W
Signal Connector	15-pin D-sub male connector
Weight	71 lbs
Approvals	TUV, S-Mark & UL

MONITOR DIMENSIONS



Part Number	Description
49-3056-00	25" Makvision Tri-Mode Monitor (CGA/EGA/VGA)
49-2728-00	Replacement Chassis for 25" Tri-Mode
49-5179-00	Power Cord

27" MAKVISION HIGH RESOLUTION MONITOR SVGA/XGA

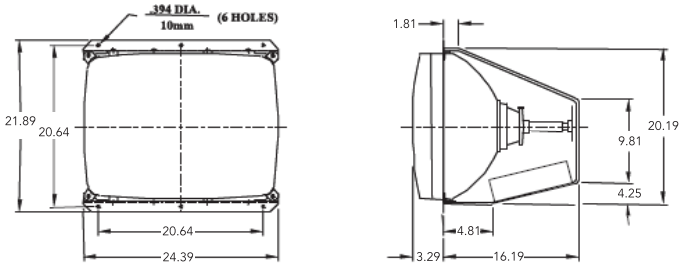
- Uses a high grade true-flat CRT
- Used by Incredible Technologies all newer Golden Tee Live and Silver Strike Bowling games
- Monitor Bezel sold separately (49-1857-00)
- UL Approved
- 1-year Warranty



MAKVISION INC.

Specifications	
CRT Size	29" (27V) Flat
Dot Pitch	0.68mm
Video Input	Analog 0.7VPP (75ø)/TTL 2.5-5.0VPP (2KØ)
Sync Input	TTL Level Positive/Negative/Separate or Composite
H-Frequency	30-50KHz
V-Frequency	47-90Hz
Bandwidth	90MHz
Resolution	1024x768 native (SVGA/XGA)
Image Adjustment	OSD
Power Supply	100-240VAC 50/60Hz
Power Consumption	70W
Signal Connector	15Pin D-Sub Male Connector
Weight	103 lbs
Approvals	TUV, S-Mark, UL

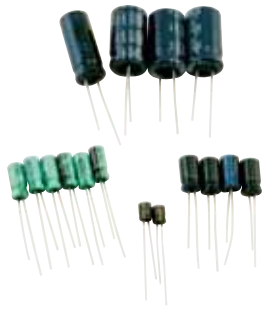
MONITOR DIMENSIONS



Part Number	Description
49-2717-00	27" Makvision High Res. Monitor SVGA/XGA
49-1857-00	27" Flat Monitor Bezel
49-5179-00	Power Cord
49-2788-00	27" Makvision Replacement Chassis for M2929D1, C2929D1 or C292901G CRT VGA/SVGA/XVGA
49-21529-00	27" Makvision Replacement Chassis for C2929D2G CRT VGA/SVGA Only

MONITOR REPAIR KITS

- Saves time & money on monitor repairs
- Monitor repair kits take care of picture warping, blacking out, smearing, brightness problems, poor voltage regulation, jail bars, vertical shrinking, etc.
- All kits come with complete instructions



Part Number	Kit Number	Description
49-5033-00	KIT530	CERONIX #1492
49-0549-401	KIT101	Electrohome GO7-CBO 19"
49-0729-102	KIT102	Electrohome GO7-FBO 13"
49-0908-00	KIT801	Hantarex MTC900 19"
49-0687-00	KIT802	Hantarex MTC9000
49-5083-00	KIT810	Hantarex Polo
49-0549-001	KIT300	Suzo-Happ 13" & 19" Includes caps, resistors, diodes & 6 power transistors
49-5052-00	-	Neotec 33" NT31E
49-0549-301	KIT301	Nintendo Sanyo 19"
49-0549-920	KIT920	Pac-Man/Ms Pac-Man – Eliminates hum bars
49-0291-00	KIT609	Sharp Image SI-313 13" & SI-319 19"
49-5385-00	KIT618	Sharp Image S1-325MR 25"
49-0292-00	KIT608	Sharp Image SI-327
49-5070-00	KIT206	Wells-Gardner 19K6100 XY
49-5072-00	KIT270	Wells-Gardner 19K7302
49-0726-01	KIT207	Wells-Gardner K4500 25"
49-0549-101	KIT201	Wells-Gardner K-4600 series 19"
49-0549-201	KIT202	Wells-Gardner K-4900 series 19"
49-0544-00	KIT204	Wells-Gardner K-7000 series 13",19", 25"
49-5073-00	KIT240	Wells-Gardner K7200
49-5071-00	KIT220	Wells-Gardner U2000
49-0293-00	KIT221	Wells-Gardner U5000

12V POWER ADAPTER FOR LCDS

New

- Used on 15", 17", 19" and 22" LCDs
- Used on Sega monitors and ShuffleMaster games
- Power cord sold separately (80-0213-00 or 80-1205-00)



Part Number	Description
49-2160-11	3.33A Power Adapter for 15", 17", 19" LCDs
49-20302-00	5A Power Adapter for 22" LCDs

ELO 15" OPEN-FRAME 1539L LCD TOUCH MONITOR

New



- Long lasting product cycle-enclosure controlled by Elo specifications
- Used on View, Rowe and NSM jukeboxes
- Integrated precision mini-bezel with a watertight .05mm seal
- Mounting options including rear-mount (from top/bottom or sides) and VESA mount
- Dual serial/USB touch interface
- Multilingual on-screen display (OSD)
- UL and CE approved, cUL (recognized)
- 3-Year warranty on LCD

Part Number	Description
49-2857-00	ELO 15" Open Frame 1537L LCD Touch Monitor

ELO 17" OPEN-FRAME 1739L LCD TOUCH MONITOR

New



- Features a brilliant wide viewing angle panel to instantly grab and hold the users' attention
- Ideal for use on Gaming, Amusement Kiosk and office automated applications
- Long lasting product cycle-enclosure controlled by Elo specifications
- Integrated with the Elo IntelliTouch Surface Acoustic Wave (SAW) touchscreen with dual serial/USB touch interface
- High quality panel with 160° x 160° viewing angle
- 800:1 contrast ratio and 300-nit brightness (LCD panel)
- Input video format: RGB analog only
- RoHS compliant; UL and cUL approved
- 3-year warranty

Part Number	Description
E363628	ELO 17" Open-Frame 1739L LCD Touch Monitor

ELO 19" DESKTOP LCD 1915L TOUCH MONITOR

New



- Bright, high contrast display; wide viewing angle to attract and hold users' attention
- Ideal for use in POS (point-of-sale), point of service, loyalty systems, countertop kiosk information systems, internet access points and interactive advertising and display systems
- LCD is factory sealed against dust, dirt and liquid splashes
- Removable base and VESA mounting capable
- Offers mounting holes on the base bottom for tabletop security
- Integrated with the Elo IntelliTouch Surface Acoustic Wave (SAW) touchscreen with dual serial/USB touch interface controller
- Input video format: analog (no proprietary video card needed)
- Contrast ratio: 800:1
- UL and cUL approved
- 3-year warranty

Part Number	Description
E266835	ELO 19" Desktop LCD 1915L Touch Monitor

ELO 19" OPEN-FRAME 1939L LCD TOUCH MONITOR

New



- Bright, high contract display with a wide viewing angle to attract and hold users' attention
- Ideal for use on Gaming, Amusement, Information kiosks and Industrial process controls
- "Designed for touch" from the ground up: includes a protective mini-bezel for sealing against liquids
- Integrated with the Elo IntelliTouch Surface Acoustic Wave (SAW) touchscreen with dual serial/USB touch interface controller
- Input video format: RGB analog
- Contrast ratio: 1000:1
- UL and cUL approved
- RoHS compliant
- 3-year warranty

Part Number	Description
E215546	ELO 19" Open-Frame 1939L LCD Touch Monitor

ELO 22" WIDE ASPECT OPEN-FRAME 2239L LCD TOUCH MONITOR

New



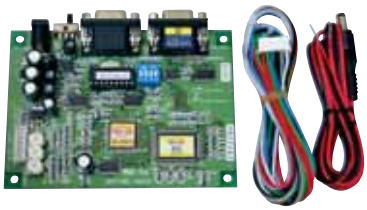
- Features a brilliant wide viewing angle LCD panel to attract and hold a users' attention
- Ideal for use on Gaming, Amusement, Information kiosks and Industrial process controls
- Elo IntelliTouch Surface Acoustic Wave (SAW) IntelliTouch technology offers high-quality optics, durability and long-tern reliability
- Dual serial/USB touch interface comes standard
- Includes a sealed bezel that resists liquid splashes and spills that adds
- Unit has a transparent protective coating that make the touch screen resistant to scratches and abrasions
- Input video format: RGB analog video
- Contrast ratio: 1000:1 (typical)
- UL and cUL approved
- 3-year warranty

Part Number	Description
E654071	ELO 22" Wide Aspect Open Frame 2239L LCD Touch Monitor

CGA TO VGA VIDEO CONVERTER BOARD

New

- Allows you to run a CGA based game board on a VGA or LCD monitor
- New design filters out background noise from game board and can detected a wider range in game bard timing



Part Number	Description
49-2727-00	Video Converter Board

VGA TO CGA VIDEO CONVERTER BOARD

- Allows you to run a VGA based game board on a CGA monitor
- Simple Plug & Display hardware design. No special software driver is required
- Supports PC 640x480@60/72/75/85Hz, 800x600@56/60/72/75Hz, 1024x768@60Hz display mode



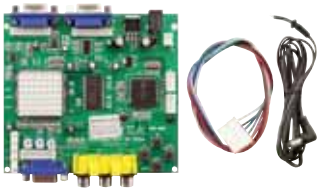
- Support Composite VIDEO, S-VIDEO or RGB (or YUV component) output
- Switchable NTSC, NTSC-EIAJ(for Japan), PAL, PAL-M, PAL-N, PAL-combination-N and SECAM (via RGB OUT) video system
- Supports Position control, ZOOM function
- Simultaneous display on VGA monitor and TV

Part Number	Description
49-2727-10	VGA to CGA Video Converter Board

CGA/EGA TO VGA VIDEO CONVERTER BOARD

New

- Allows you to run a CGA or EGA based game board on a VGA LCD monitor of any size
- Converts CGA, EGA and Component (YUV) to VGA
- Provisions for 2 VGA outputs
- Supports 640 x 480, 800 x 600, 1024 x 768, 1360 x 768 VGA outputs



- CGA/EGA input signal auto scan
- RGBSG input connector compatible with most video game signals
- Perfectly compatible with medium resolution Sega game signals
- True digital 24 bit A/D converter for true 16.7 million color conversion
- Runs on 5 volts DC
- Perfect device for Sega and other LCD conversions

Part Number	Description
96-3161-00	CGA / EGA to VGA Video Converter Board

CGA/VGA ADAPTER BOARD

New

- Allows the use of a CGA connector with a VGA input on dual resolution LCD monitors
- Contains 10-pin and 15-pin connectors



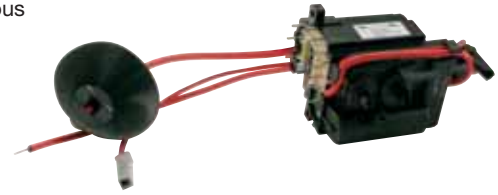
Part Number	Description
49-3211-00	CGA / VGA Adapter Board

WELLS-GARDNER PARTS

Part Number	WG Number	Generic No.	Description
49-0024-00	016X0208-001	F101	AGC Fuse 3A Fast Blow
49-5179-00	038A7927-000	-	Power Cord With 3-pin Connector
49-1028-00	040X0639-006	VR8	Resistor Trim Pot 2K Ohm .3W
49-1052-00	040X0639-008	VR700	Trim Pot 10K Ohm .3W
49-1051-00	040X0639-014	VR101	Trim Pot 1K Ohm .3W
49-1047-00	040X0653-008	R543, 544, 545	Trim Pot 1K Ohm .5W
49-1042-00	040X0703-004	VR900, VR904	Trim Pot 5K Ohm .5W
49-1045-00	040X0703-007	VR906	Trim Pot 100K Ohm .5W
49-1046-00	040X0703-008	VR902, VR907	Trim Pot 200K Ohm .5W
49-7022-00	043X0484-006	-	Resistor
80-0079-00	045X0569-011	C57	Capacitor 47 MFD 160V
49-1031-00	046X0536-046	C38	Capacitor .39 UF 5% 200V
49-1030-00	046X0551-003	C36	Capacitor PP6100 2% 1500V
49-4037-00	053X0639-001	-	Flyback Transformer
49-1336-00	054A7401-001	-	Chassis Board
49-1296-00	066X0040-020	Z705	Zener Diode 9.1V .5W
68-0451-00	066X0070-001	D200-D202	Diode 1N914B
68-0455-00	066X0075-001	D014	Diode 1N4005
49-3109-00	066X0090-001	D302	Diode
49-1290-00	066X0126-005	D708	Diode MUR490 900V 4A
49-1282-00	066X0143-001	D704	Diode DD20R
67-0407-00	086X0113-501	Q601, 602, 700	Transistor 2N3904
67-0400-00	086X0147-501	Q102	Transistor MPSA42
49-1034-00	086X0185-501	Q703, 708	Transistor 2SC2482
49-1036-00	086X0187-001	IC2	IC Horz/Vert LA7823
49-4057-00	086X0190-001	-	Transistor
49-1261-00	086X0270-001	U500	IC LM1203N Video
49-1050-00	086X0274-001	U701	IC LA7850 Horizontal
49-1291-00	086X0286-001	Q704	Transistor 2SC3686
67-0601-00	086X0287-001	Q501, 503, 505	Transistor 2SC3782
49-1284-00	086X0290-001	Q500, 502, 504	Transistor 2SC3950
49-1310-00	086X0313-001	U302	IC 74LS86
49-1312-00	086X0326-001	U601	IC TDA1771
49-1306-00	086X0334-001	Q101	Transistor FET, SSP6N60

FLYBACK TRANSFORMER

- For use on various monitors



Part Number	Description
49-0481-00	Electrohome
49-3097-00	Hantarex "Polo"
49-0907-00	Kortek 13" and 19"
49-3031-00	Neotec 25" & 27" Std. Resolution
49-3041-00	Neotec 25" Mid-Resolution
49-0274-00	Wells-Gardner K7000, 053X0528-001

VIDEO BRIGHTENER

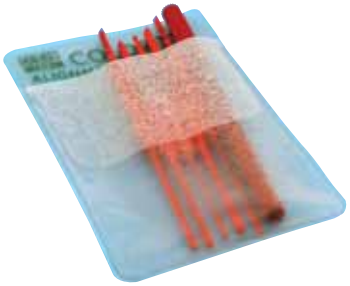
- Revitalize your video game with Star Tech Journal's Video Brightener
- Reclaim earnings on those old and faded video monitors
- Enhance gameplay when vibrant colors are once again achieved
- Safe & easy installation
- Fits all 11" to 36" monitors Foreign and Domestic
- Clear precise directions for Wells-Gardner, Electrohome, Masushita, Hantarex, Nanao, Sanyo, Disco, Eygo
- Directions also included for Sony, Hitachi, GE & Toshiba



Part Number	Description
49-0815-00	Star Tech Journal Video Brightener

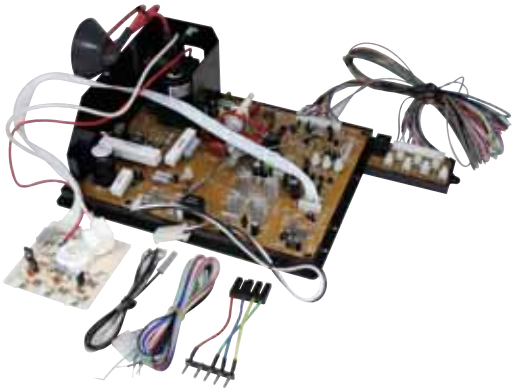
UNIVERSAL COLOR TV ALIGNMENT TOOL KIT

- 5 different alignment tools for all standard adjustments
- All tools are made of Delrin in various colors for easy identification
- Included is the "Extend-it" to adapt each alignment tool for longer reach
- Kit contains 1 each:
  - "Extend-it" shaft extension
  - Zenith alignment tool
  - 5" hex wrench
  - Hex iron core tool
  - Hex core tool
  - Double end tool



Part Number	Description
92-0196-00	Universal Color TV Alignment Tool Kit

REPLACEMENT MONITOR CHASSIS BOARD



- For Suzo-Happ, Neotec, Electrohome and Wells-Gardner monitors

Part Number	Ref. No.	Description
49-1336-00	PCBKIT2574-RCA	Wells-Gardner 25" K7400 Series with Neck Board
49-6120-00	KT1703V	Kortek 17"

DEGAUSSING COIL

- Eliminates magnetic fields in CRT TV picture tubes or computer monitors as required prior to purity adjustments
- Coil is made to standard industry specifications and is completely encased in 13" diameter molded, high impact ABS plastic housing
- Supplied with 8 foot cord and momentary contact switch that permits de-energizing of coil without unplugging the unit
- Safe to use
- A must for every video repairman
- UL Approved
- 117 VAC, 60 Hz, 2.8 A



Part Number	Description
49-0559-00	Degaussing Coil

ISOLATION TRANSFORMER



- Input 120 volts
- Output 120 volts
- Output power 120 watts

Part Number	Description
80-2000-00	Isolation Transformer

GENIE-ONE RGB PATTERN GENERATOR BY WELLS-GARDNER



- Five test patterns
- Tests MDA, CGA, EGA, VGA, SVGA, 8514/A and high resolution monitors
- Powered by 9 volt battery or external AC adaptor (not included)
- Two video connectors: Digital/TTL 9-D and Analog 15-HD
- Weight: 1 lb.
- Size: 1.5" x 3.8" x 5.7"
- Manufactured by Wells-Gardner

Part Number	Description
49-0734-00	Genie-One RGB Pattern Generator

MONITOR EXTENSION CABLE

- Used as VGA or SVGA monitor extension
- Extend your existing short monitor cable to provide useful flexibility
- DB15 Male on one end and DB15 Female on the other
- Ferrite cores on each end for noise suppression
- Shielded cable with multi-coax construction provides a sharp, clear display
- 6' overall length
- 15 pin



Part Number	Description
55-0282-00	Monitor Extension Cable, 6'

PLASTIC MONITOR BEZELS

- Decorative black plastic bezel for use with various sized monitors
- Covers the areas outside of the monitor glass to give a clean appearance to any cabinet



Part Number	Description
49-0105-00	19" Curved Monitor Bezel
49-0123-00	25" Curved Monitor Bezel
49-0106-00	27" Curved Monitor Bezel
49-1857-00	27" Flat Screen Monitor Bezel

LCD BEZELS FOR POG CABINETS

New

- Allows you to add an LCD into an existing POG metal cabinet
- Two sizes available: 17" & 19"
- LCD sold separately





Installed - Front View



Installed - Back View

Part Number	Description
49-2807-00	19" LCD Bezel for POG Metal Cabinet
49-2806-00	17" LCD Bezel for POG Metal Cabinet

19" LCD FLAT METAL BEZEL KIT

New



49-2765-19G3



49-2765-19G3 Back View



49-2765-19WSC

- 19" LCD mounts to bezel via 8 Pem studs
- Constructed from heavy duty 12 gauge steel with powder coated black finish
- Includes 1/8" thick foam tape to protect LCD or Touch screen
- Ideal for use in wood cabinets
- Will work with Angle upright cabinets
- Upright or Sitdown models available
- Overall size: Upright 22.94" W x 22.25" H
  Sitdown 23" W x 18.38" H

Part Number	Description
49-2765-19G3	Upright - 19" LCD Flat Metal Bezel Kit
49-2765-19WSC	Sitdown - 19" LCD Flat Metal Bezel Kit

3M MICROTOUCH CLEARTEK™ TOUCH SCREENS

MicroTouch™ 3M

AUTHORIZED DISTRIBUTOR



Extended Durability for High-use Applications

MicroTouch™ ClearTek™ capacitive touch screens, manufactured by 3M Touch Systems, are the preferred touch solution for applications that require fast and accurate touch performance. The flat capacitive Profile sensor incorporates advanced construction and production techniques that result in a thin, sleek design which provides easy installation into flat panel displays and flat CRTs. The robust touch characteristics of ClearTek are attributed to its transparent overcoat, which significantly increases the physical durability of the surface by allowing it to resist scratches and abrasions. Popular applications include kiosks, ATM installations, point-of-sale, industrial equipment, gaming machines, and vending.

Making the Difference

ClearTek capacitive touch technology provides accurate and sensitive response to the user's touch while offering outstanding durability. A ClearTek capacitive touch screen provides scratch-resistance and contaminant-resistance to dirt, liquids, and harsh chemicals. A ClearTek sensor with Industrial Etch has been tested in a laboratory environment to withstand over 225 million mechanical touches without noticeable degradation to the surface.

Features

- Transparent coating significantly increases durability by resisting scratches and abrasions
- Performance unaffected by everyday contaminants in the environment
- Accurate and fast touch response
- Narrow border for easy integration
- Connects to the new EX II electronics platform
- Taped wires

Part Number	3M Ref. No	Sensor	Used On	Description
49-2873-00	17-8091-206	06.71"	Bally	Sensor Only
49-2824-00	17-8091-223	06.71"	WMS	Sensor with Controller Board
49-2597-00	17-8021-221	10.84"	-	Sensor with Controller Board
49-2849-00	17-8041-206	13.18"	IGT	Sensor Only
49-2874-00	17-8031-203	15.68"	IGT	Sensor Only
49-5099-10	17-8031-206	15.68"	AMI, Merit, Rowe	Sensor Only
17-8031-221	17-8031-221	15.68"	Electronic Roulette	Sensor with Controller Board
49-2897-00	17-8031-226	15.68"	Spielo	Sensor with Controller Board
49-10297-00	17-9271-206	17.21"	IGT	Sensor Only
49-2898-00	17-8901-227	17.34"	-	Sensor with Controller Board
49-2879-00	17-8901-206	17.34"	IGT, Merit, Rowe	Sensor Only
49-2899-10	17-8901-226	17.34"	-	Sensor with Controller Board
49-2372-00	17-8421-206	17.54"	Spielo	Sensor Only
49-2455-00	17-8421-221	17.54"	Atronic, JVL	Sensor with Controller Board
49-2271-00	17-8211-206	18.40"	Merit	Sensor Only
49-2586-00	17-8351-204	18.86"	-	Sensor Only
49-2296-00	17-8351-223	18.86"	WMS	Sensor with Controller Board
49-2931-00	17-8411-206	19.06"	AMI, Merit, Rowe	Sensor Only
17-9251-206	17-9251-206	19.34"	AMI, Rowe	Sensor Only
49-17956-00	17-9251-223	19.34"	-	Sensor with Controller Board
49-2877-00	17-8051-203	19.71"	IGT	Sensor Only
49-2675-00	17-8051-206	19.71"	Aristocrat, Bally, Cadillac Jack, Konami, Spielo, Rowe	Sensor Only
49-2876-00	17-8051-218	19.71"	IGT	Sensor with Controller Board
49-2920-00	17-8051-221	19.71"	-	Sensor with Controller Board
49-2588-00	17-8551-204	19.74"	Bally	Sensor Only
49-2587-00	17-8551-223	19.74"	Konami, WMS	Sensor with Controller Board
49-2875-00	17-8511-206	19.75"	IGT	Sensor Only
49-14879-00	17-9141-206	19.83"	IGT	Sensor Only
49-2872-00	17-9031-206	20.27"	Bally	Sensor Only
49-2882-00	17-8441-223	20.65"	WMS	Sensor with Controller Board
49-2880-00	17-9261-206	20.65"	IGT	Sensor Only
49-2905-00	17-9321-206	20.69"	IGT	Sensor Only
49-15226-00	17-9331-206	22.22"	IGT	Sensor Only
49-2878-00	17-9311-206	22.37"	IGT	Sensor Only
49-14366-00	17-9311-226	22.37"	JVL, WMS	Sensor with Controller Board
49-2883-00	17-9311-227	22.37"	WMS	Sensor with Controller Board
49-2784-00	17-8061-206	22.52"	Bally, WMS	Sensor Only
49-15401-00	17-9151-206	23.6"	IGT	Sensor Only
49-2865-00	17-8931-206	26.28"	Bally	Sensor Only
17-8951-206	17-8951-206	31.81"	Atronic, Bally	Sensor Only
17-8951-227-01	17-8951-227	31.81"	AMI, Bally	Sensor with Controller Board

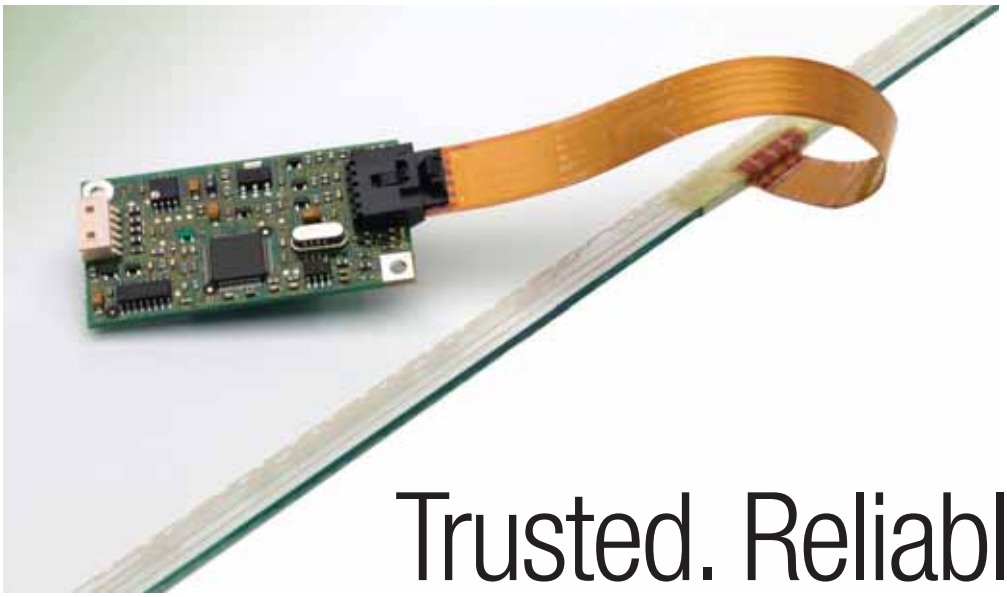
3M TOUCH SCREEN CONTROLLERS

MicroTouch™ 3M



49-1746-00

Part Number	Description
49-1746-00	3M Microtouch Controller EXII-1720SC
49-1746-01	3M Microtouch Controller EXII-5710UC
49-2206-00	3M Microtouch Controller EXII-1010SC



Trusted. Reliable.

3M™ MicroTouch™ Touchscreens and Controllers

Your amusement machines rely on **3M MicroTouch** touchscreens and controllers to help provide maximum up time.

Leading amusement machine manufacturers have made **3M MicroTouch** touchscreens and controllers the "touch standard" due to their strong track record for performance.

Amusement operators rely on manufacturer recommended **3M MicroTouch** replacement parts for "plug and play" integration and the assurance that 3M products "just work" out of the box.

3M MicroTouch touchscreens and controllers for your amusement machines are readily available from

SUZO HAPP
GAMING, AMUSEMENT AND INDUSTRIAL COMPONENTS

AUTHORIZED 3M DISTRIBUTOR



Information about 3M MicroTouch products is available at **www.3m.com/touch**.

Visit **www.youtube.com/3mtouchsystems** for videos featuring 3M MicroTouch products.

3M

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TOUCH INTERNATIONAL TOUCH SCREENS



- Screens are high impact and scratch resistant
- Ideal for use in Amusement, Gaming and Kiosk Industry
- No drift or recalibration required
- Screens are unaffected by environmental factors; moisture, rain or temperature
- Surface finishes are anti-glare and anti-reflective
- Touch Durability: 50 million touches in a single location
- Warranty is 5-years standard (Excluding vandalism)

Part Number	Description
49-2710-00	19" Touch International Flat Touch Screen
49-2692-00	17" Touch International Flat Touch Screen
49-2775-00	15" Touch International Flat Touch Screen
49-5099-00	15" Touch International Flat Touch Screen for Merit

SILVER UNIVERSAL TOUCH SCREEN STYLUS PEN

New



- Great for applications that have a small touch panel
- Aids in running diagnostic testing
- Perfect for player tracking systems

Part Number	Description
49-20707-00	Universal Touch Screen Stylus Pen

ACETATE TAPE FOR TOUCHSCREENS

- Used to seal the touch screen and the CRT
- 1" wide black tape
- Adhesive on one side
- Sold per roll, 216 ft per roll



Part Number	Description
49-5195-00	Acetate Tape for Touchscreens

TOUCHSCREEN FOAM TAPE

- The tape of choice!
- Foam sealing tape is used to seal the entire overlay at the edges
- Save time and tape - because the tape is wide you only have to make one revolution around screen
- .032" thick; Color: Black
- Sold per roll, 50 ft per roll



Part Number	Description
49-5196-00	Touchscreen Foam Tape

ELO TOUCHSYSTEMS TOUCH SCREENS

New



- Replacement for use on the ET1545L & ET1546L 15" LCDs used in Rockola and Rowe AMI Jukeboxes
- Elo ref. no. E286784 replaces E10D80423-0

Part Number	Description
49-2686-00	15" Flat Elo Touch Screen for Rockola and Rowe AMI Jukeboxes

- Replacement for TouchTunes Allegro and Ovation 19" Jukeboxes
- Also used on Ecast Jukeboxes
- Elo Ref. No. E294191

Part Number	Description
49-2505-00	19" Flat Elo Touch Screen for TouchTunes & Ecast Jukeboxes

- Replacement for Rockola and View 15" Jukeboxes
- Used on Elo 1537L
- Elo Ref. No. E221757

Part Number	Description
E221757	15" Flat Elo Touch Screen for Rockola and View Jukeboxes

TOUCH SCREEN TAPE KIT

- Contains everything needed to tape a 13" or 19" touch screen
- Includes black foam tape, black double face tape, black cloth gasket and alcohol



Part Number	Description
49-4035-00	Touch Screen Tape Kit

RUBBER ADHESIVE TAPE FOR TOUCHSCREENS

- Holds the mask to the monitor
- Double sided, black rubber adhesive
- 1/2" wide x 1/32" thick
- Sold per roll, 36 yards per roll



Part Number	Description
43-1104-10	Rubber Adhesive Tape for Touch Screens

FOAM ADHESIVE TAPE FOR TOUCH SCREENS

- Provides a “dust gasket” around monitor
- Single sided, gray low density foam with acrylic adhesive
- Sold per roll, 18 yards per roll



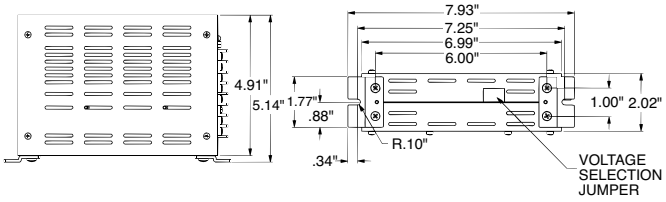
Part Number	Description
43-1103-10	Foam Adhesive Tape 1/2" W x 1/4" Thick
43-1103-34	Foam Adhesive Tape 3/4" W x 1/4" Thick

POWER PRO 110W UL, CE POWER SUPPLY

- +5v 15A, +12v 2A, -5v 1A
- UL and CE Recognized
- 110 watts of power
- Will accept wide #8 terminal
- Dual AC input 115vac/230vac, selectable by jumper
- Easy start-up
- Overload protection
- Black case
- 1 year warranty



DIMENSIONS



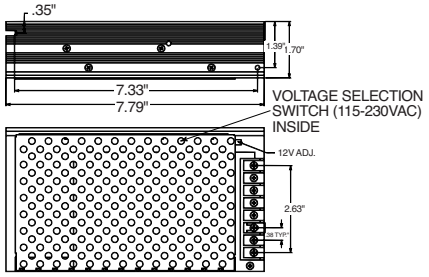
Part Number	Description
80-0064-00	Power Pro 110W UL, CE Power Supply

POWER PRO 120W UL, CUL, CE POWER SUPPLY

- +12v 10A
- UL, CUL and CE recognized
- 120 watts of power
- Will accept wide #8 terminal
- Dual AC input 115vac/230vac, selectable by switch
- Extruded aluminum case can be mounted vertically, horizontally or against a wall
- Hi-pot tested
- Built-in EMI filter
- On/Off LED indicator
- Overload protection
- Silver case
- 1 year warranty



DIMENSIONS



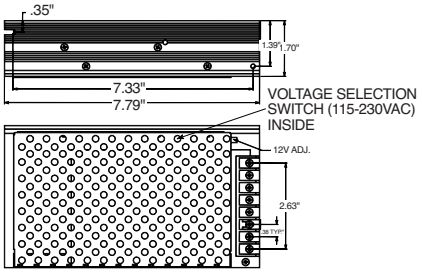
Part Number	Description
80-0215-00	Power Pro 120W UL, CUL, CE Power Supply

POWER PRO 120W UL, CUL, CE POWER SUPPLY

- +24v 5A
- UL, CUL, and CE recognized
- 120 watts of power
- Will accept wide #8 terminal
- Dual AC input115vac/230vac, selectable by switch
- Extruded aluminum case can be mounted vertically, horizontally or against a wall
- Hi-pot tested
- Built-in EMI filter
- +24v DC output adjustable
- On/Off LED indicator
- Overload protection
- Silver case
- 1 year warranty



DIMENSIONS



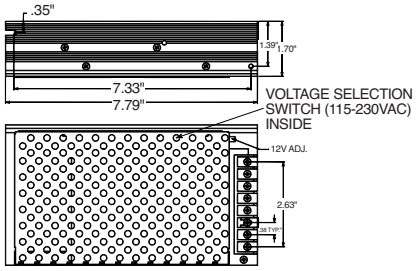
Part Number	Description
80-0216-00	Power Pro 120W UL, CUL, CE Power Supply

POWER PRO 130W UL, CUL, CE POWER SUPPLY

- +5v 15A, +12v 4A, -5v 1A
- UL, CUL and CE recognized
- 130 watts of power
- Will accept wide #8 terminal
- Dual AC input 115vac/230vac, selectable by switch
- Extruded aluminum case can be mounted vertically, horizontally or against a wall
- Hi-pot tested
- Built-in EMI filter
- On/Off LED indicator
- Overload protection
- Silver case
- 1 year warranty



DIMENSIONS



Part Number	Description
80-0210-00	Power Pro 130W UL, CUL & CE Power Supply

POWER PRO REPLACEMENT POWER SUPPLY FOR POG



- Exact replacement for POG & other games
- UL , CUL, CE recognized
- +5v 12A, +12v 4A, -12v 1A
- L.E.D. power on indicator
- 1 year warranty

Part Number	Description
80-0003-UL	Power Pro Power Supply for POG

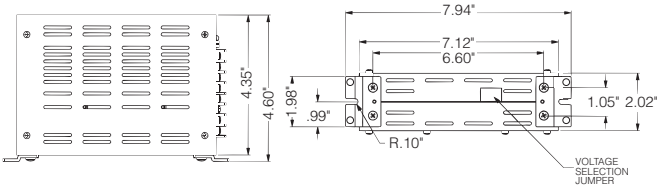
104 WATT POWER SUPPLY

New



- +5V 3~15 A, +12V 4 A, +24V 4 A
- 104 watts
- AC input 88-132VAC or 176-264VAC (switchable)
- CE and TUV approved
- High efficiency
- Industry standard
- Easy start up
- Green “power on” LED
- Overload protected
- Built in EMI filter
- Maximum noise minimization by built in high speed diode
- Weight: 1.76 lbs; Dimensions: 2" H x 4.33" W x 7.6" D
- 20 per case

DIMENSIONS



Part Number	Description
42PP0608	104 Watt Power Supply

POWER PRO 200W POWER SUPPLY



- Replacement power supply for: Atari San Francisco Rush, Maximum Force, Cruisin’, Gauntlet, Daytona USA, NFL Blitz, Silent Scope, Site 4, Vapor TRX , Rush 2049, Rush the Rock, Road Burners
- 5v 20A, 12v 8A, -5v .5A, -12v .5A
- 200 watts of power
- Metal case – XT size
- Overload protection
- Line Cord Included
- UL approved

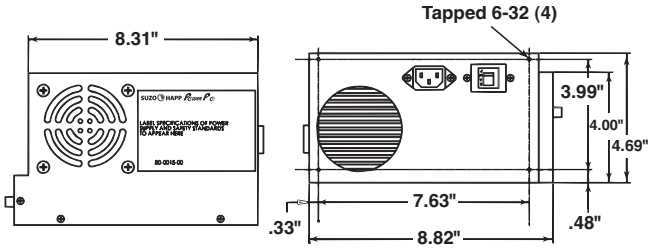
Part Number	Description
80-0074-00	Power Pro 200W Power Supply

POWER PRO ULTIMATE 150W POWER SUPPLY WITH ON/OFF SWITCH



- +5v 15A, +12v 5.5A, -5v 1A
- UL recognized, CSA
- Over voltage protection on +5v, a Suzo-Happ exclusive
- Designed specifically for the coin-op industry
- Smoother start-up
- Better heat dissipation: three separate heat sinks
- Low ripple and noise, EMI filter
- Dual AC input 115vac/ 230vac, selectable by switch
- Complete overload and short circuit protection
- Built in DC fan and power switch
- Metal case - XT size
- Requires minimum 1.5 amp load on +5 for proper operation
- Supplied with 6' long SJT power cord
- 1 year warranty

DIMENSIONS



Part Number	Description
80-0015-00	Power Pro Ultimate 150W Power Supply with On/Off Switch

POWER PRO ULTIMATE 150W POWER SUPPLY WITH EXTERNAL ON/OFF CABLE



- +5v 15A, +12v 5.5A, -5v 1A
- UL and CSA recognized
- External On/Off cable with 4-pin Molex
- Dual AC input 115vac/230vac, selectable by switch
- Low ripple and noise, EMI filter
- Overload and short circuit protection
- Built in DC fan and power switch
- Metal case – XT size
- Dimensions 8.74" L x 5.51" W x 4.65" H
- Supplied with 8’ long SJT power cord
- Meets AMOA standard
- 1 year warranty

Part Number	Description
80-0072-00	Power Pro Ultimate 150W Power Supply with External On/Off Cable

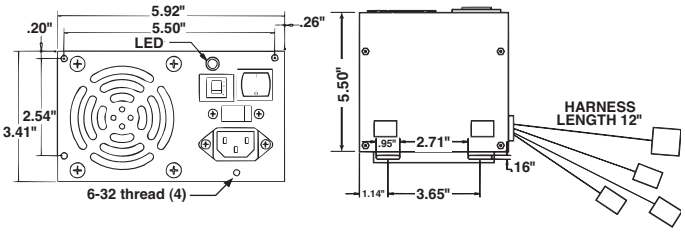
NOTE: On any power supply, when measuring a voltage output (+5v, +12v or -5v), set the voltage adjustment about half-way and make sure that the +5v output is connected to a minimum 1 amp load. The easiest way to do this is to measure the voltage with the power supply connected to a game board.

POWER PRO DUAL SWITCH & REMOTE CAPABLE 200 WATT POWER SUPPLY



- +5v 20A, +12v 8A, -5v .5A, -12 .5A
- UL and CSA recognized
- 200 Watt power supply
- Great power supply for video games & video poker applications
- New Innovative Dual On/Off and Remote switch capable design.
- One switch on back and other on front of power supply to allow easy access to turn power On/Off
- Additional 8 Circuit Molex plug with +5vdc and +12vdc outputs for additional accessories
- Dual AC input 115vac/230vac, selectable by switch
- AC plug for hook-up of Bill Validator, 110vac 1.0A
- Metal case - AT size
- Physical Size: 3-1/2" H x 5-7/8" W x 5-1/2" D
- Supplied with 6' long SJT power cord
- 1 year warranty

DIMENSIONS



Part Number	Description
80-0002-10	200 Watt Dual Switch & Remote Capable Power Supply

REPLACEMENT POWER SUPPLY FOR CROSSFIRE MAXIMUM PAINTBALL

New



- Approved by UL and CSA
- 300 Watts; 12V 8A
- Complied with ATX and ATX12v standard
- High efficiency and reliability
- Remote On/Off function
- Internal 12V DC fan included
- Low noise and ripple
- Re-settable power shut down
- 5.9" W x 3.4" H x 5.5" L

Part Number	Description
760-6103-00	300W Power Supply for Crossfire Maximum Paintball

POWER SUPPLY FOR GOLDEN TEE® FORE 2003 GAMES

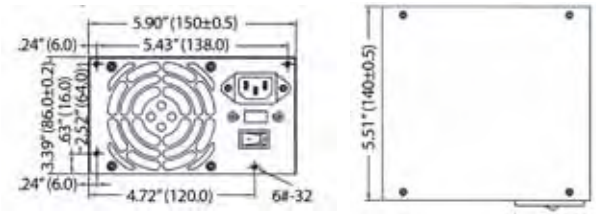
New



- Original replacement for dedicated games with a Red PCB

  Will not work for original Green PCB
- DC Output: 3.3V 14A, 5V 25A, -5V .5A, -12V 1A, 5Vsb 1.5A
- Switch selectable AC input 115VAC/230VAC
- Overload protected
- ATX size
- 267 watts
- UL, TUV approved
- Size: 5.9" L x 5.5" W x 3.3" H

DIMENSIONS



Part Number	Description
80-1247-00	Power Supply for Golden Tee® Fore 2003

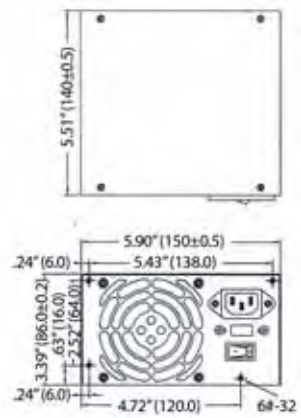
POWER SUPPLY FOR GOLDEN TEE® LIVE GAMES

New



- For use in Golden Tee Live
- AC Input: 115/220-240V 7/3.5A, 60/50Hz
- MAX, DC Output: 300W (+3.3V & +5V=120W MAX)
- DC Output:
  +3.3V --- 20.0A(ORG)
  +5V ---- 20.0A(RED)
  +12V1 --- 8.0A(YEL)
  +12V2 --- 14.0A(YEL/BLACK)
  +5Vsb --- 2.0A(PURP)
  -12V --- 0.8A(BLUE)
- ATX size
- Approvals: TÜV, RU, CSA
- Includes line cord
- I.T. Ref. No. 745-000915

DIMENSIONS



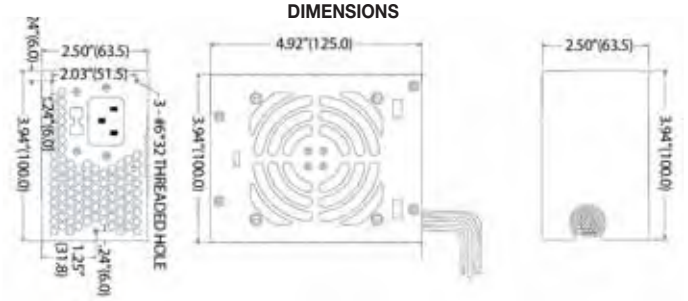
Part Number	Description
80-1247-60	300 Watt Power Supply for Golden Tee® Live

REPLACEMENT POWER SUPPLY FOR MERIT RADION FORCE/BLUE MAXX

- Exact Replacement for Merit Radion Force
- Manufacture Reference EC7531-03
- AT style with fan
- +5v 10A, +12v 2.5A, -12v 0.3A, +5vsb 0.8A, 3.3v 7A
- 110 watt



DIMENSIONS



Part Number	Description
80-0312-03	Power Supply for Merit Radion Force
80-0006-35	Replacement Cooling Fan SA5 117-05

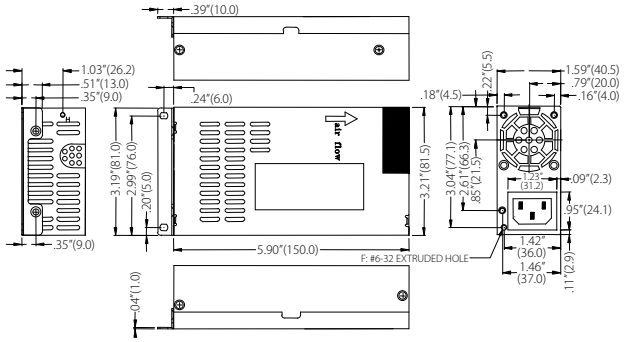
300W POWER SUPPLY KIT FOR MERIT FORCE GAMES

New

- For use with the following Merit games: Force EVO, Force Elite Edge and Force EVO Wallette
- Kit Includes: DC jumper cable (EC0355-01), touch screen/LCD power cable (SB0538-01), foam tape (HW7997-01) and power supply (EC7538-07)
- AC Input: 100-200V ~ / 6-3A / 60-50Hz
- +3.3V 22A, +5V 12A, +12V1 6A, +12V2 16A, -12V 16A, +5Vsb 2.5A
- RoHS compliant



DIMENSIONS



Part Number	Description
SB0540-01	300 Watt Power Supply Kit for Merit Force Games

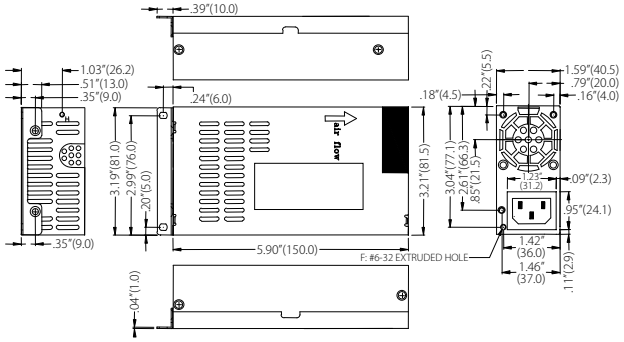
300W POWER SUPPLY FOR MERIT ION AURORA

New

- Replaces: EC7538-03
- AC Input: 100-200V ~ / 6-3A / 60-50Hz
- Voltage: +3.3V 22A, +5V 12A, +12V1 6A, +12V2 16A, -12V 3A, +5Vsb 2.5A
- RoHS compliant



DIMENSIONS



Part Number	Description
SB0539-01	300 Watt Power Supply for Merit ION Aurora

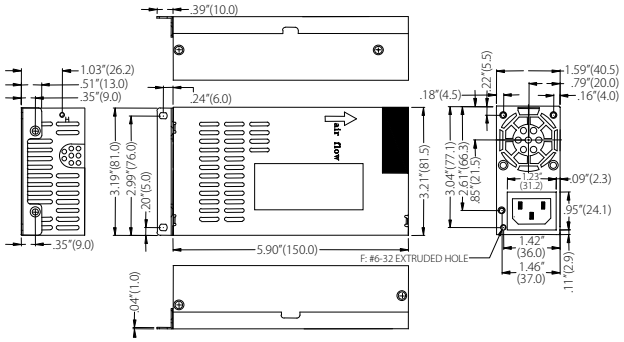
300W POWER SUPPLY FOR MERIT EVO GAMES

New

- Can be used on the following EVO games: ION, ION Elite Edge and ION Wallette
- AC Input: 100-200V ~ / 6-3A / 60-50Hz
- Voltage: +3.3V 22A, +5V 12A, +12V1 6A, +12V2 16A, -12V 0.3A, +5Vsb 2.5A
- RoHS compliant



DIMENSIONS



Part Number	Description
SB0539-02	300 Watt Power Supply for Merit EVO Games

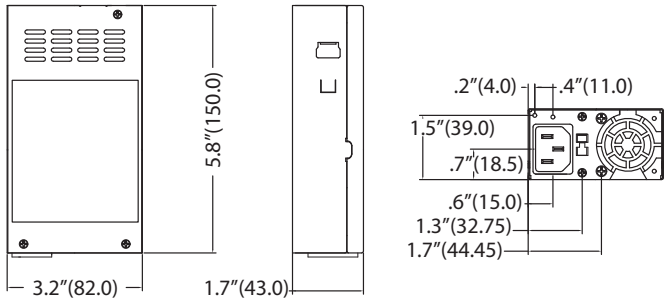
SWITCHING POWER SUPPLY FOR MERIT ION GAMES

New

- Original power supply used by Merit for ION games
- Merit ref# EC7538-01
- UL recognized, CSA approved
- AC Input: 115/230V~, 5/3A,60/50Hz
- MAX. Output power: 200W (max. ambient 35°C) (+3.3V & +5V=75W Max) (+3.3V & +5V & +12V=186.5W Max)
- Output power 150W (max. ambient 50°C) (+3.3V & +5V=61.5W Max) (+3.3V & +5V & +12V=186.5W Max)
- 1-Year warranty



DIMENSIONS



Part Number	Description
80-0312-10	Switching Power Supply For Merit ION Games

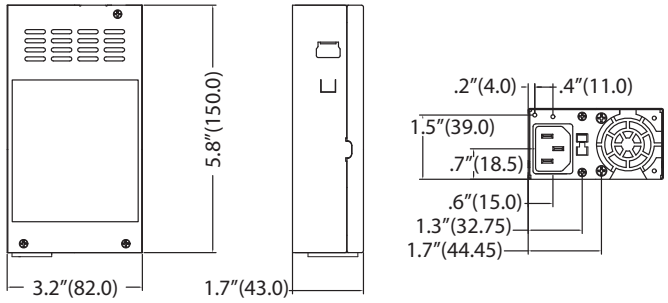
REPLACEMENT POWER SUPPLY FOR MERIT ION GAMES

New

- For Wallette Ion, Fusion Ion, Evo Ion, Edge Ion, Aurora
- +5V 13A, +3.3V 17A, +12V 15A, -12V 0.3A, +5Vsb 2A
- Has one 20-pin connector and one 4-pin connector
- AC input: 115/230V-5/3A
- 60/50 Hz
- Max Output: 200W
- Ref. No. EC7538-02
- Size: 5-7/8" L x 3-1/4" W x 1-5/8" H



DIMENSIONS



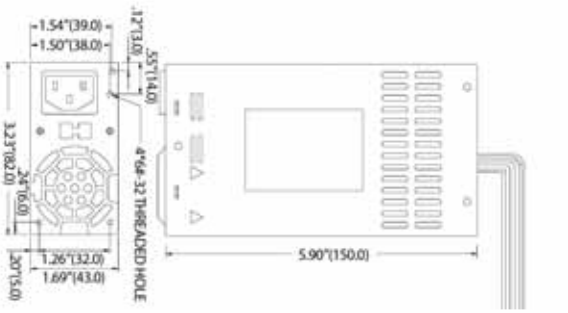
Part Number	Description
80-0312-11	Replacement Power Supply for Merit Ion Games

125W POWER SUPPLY FOR MERIT EVO PLUS

- Will also work with Fusion Upright/Wallette, Elite Edge and EVO Force
- SFZ Compliant
- Remote On/Off
- Input Voltage: 100 ~ 127 VAC 200 ~ 240 VAC
- Frequency: 47 ~ 60 Hz
- Input current: 4.0 Arms @ 115 VAC 2.0 Arms @ 230 VAC
- Holdup Time: > 14 ms @ Full Load
- Operating/Storage Temp: 10~50°C/-20~60°C
- 1-year warranty
- UL/CUL, CB, TUV, FCC and CE Approved



DIMENSIONS



SPECIFICATIONS

Voltage	Regulation Load	Minimum Load	Maximum Load	Peak
+3.3V	+5%	0.2A	10.0A	-
+5.0V	+/- 5%	1.0A	12.0A	14.0A
+12.0V	+/- 5%	0.5A	3.0A	5.0A
-12.0V	+/- 10%	0A	0.3A	-
-5.0V	+/- 10%	0A	0.2A	Optional
+5 Vsb	+/- 5%	0A	0.8/2.0A	-

Part Number	Description
80-0312-06	125W Power Supply for Merit EVO Plus

300W UL, CE, TUV POWER SUPPLY FOR MERIT RX ION

New

- +5v 16A, +12v1 16A, +12v2 16A, +5vsb 2.5A, -12v 0.5A, +3.3v 22A
- For use on Merit RX Ion
- Active PFC
- UL, CE & TUV Recognized
- 300 watts of power (110W max for +5v & +3.3v)
- Dual AC Input 115vac/230vac, selectable by jumper
- 1 year warranty



Part Number	Description
EC7538-10	300W UL, CE, TUV Power Supply for Merit RX Ion

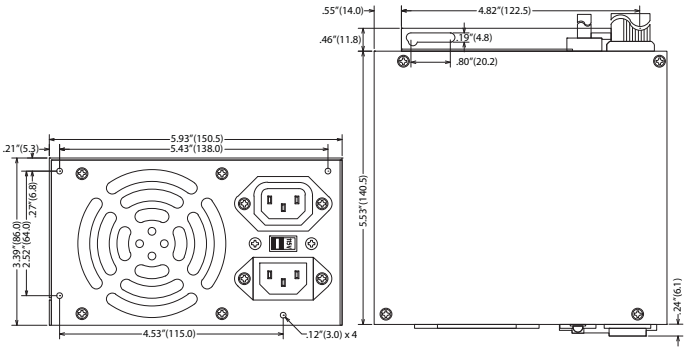
REPLACEMENT POWER SUPPLY FOR MERIT MEGATOUCH XL

New

- Replacement for Merit MegaTouch XL
- AT style with fan and remote switch
- Manufacture Reference EC7528-02
- 250 watt; +5v 26A, +12v 9A, -5v 0.5A, -12v 0.5A



DIMENSIONS



Part Number	Description
80-0312-00	Power Supply for Merit MegaTouch XL

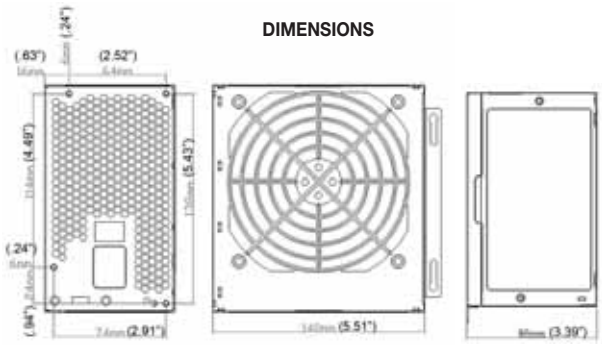
400W 24V POWER SUPPLY

New

- +3.3v 24A, +5v 24A, +12v 20A, +24V 9A, -12V .05A, +5Vsb 2.5A
- UL and CE recognized
- 400 watts of power
- Will work in the following Cadillac Jack machines: Multi-line 3 Reel Video, Multi-line 5 Reel Video, 50 Line Video, U-Pick-Em-Bingo, Wide Area Progressives



DIMENSIONS



Part Number	Description
80-0704-00	400 Watt Power Supply

270W UL, CSA, TUV POWER SUPPLY

New

- +5v 25A, +12v 16A, -12v 0.6A, +3.3V 16.7A, +5vsb 2A
- UL, CSA, TUV Recognized
- 270 watts of power (+3.3v & +5v 145W Max)
- Dual AC Input 115vac/230vac, selectable by jumper
- 1 year warranty
- Used on Raw Thrills Super Bikes



Part Number	Description
FSP270-50SNV	270W UL, CSA, TUV Power Supply

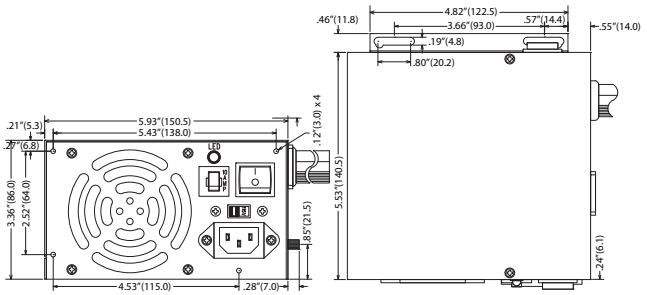
200W UL POWER SUPPLY

New

- +5v 20A, +12v 8A, -5v 0.5A, -12v 0.5A
- UL Recognized
- 200 watts of power
- Dual AC Input 115vac/230vac, selectable by jumper
- 1 year warranty
- Ref. No. 44-1065



DIMENSIONS



Part Number	Description
80-1152-00	Power Pro 200W UL Power Supply

200W SFX12V UL, CSA, TUV POWER SUPPLY

New

- +5v 16A, +12v 10A, -12v 0.5A, +3.3V 16.7A, +5vsb 2A
- UL, CSA, TUV Recognized
- 200 watts of power (+3.3v & +5v 118W Max)
- Remote On/Off function
- Dual AC Input 115vac/230vac, selectable by jumper
- 1 year warranty



Part Number	Description
80-1247-20	SFX12V 200W UL, CSA, TUV Power Supply

POWER SUPPLY FOR 5-STAR REDEMPTION GAMES

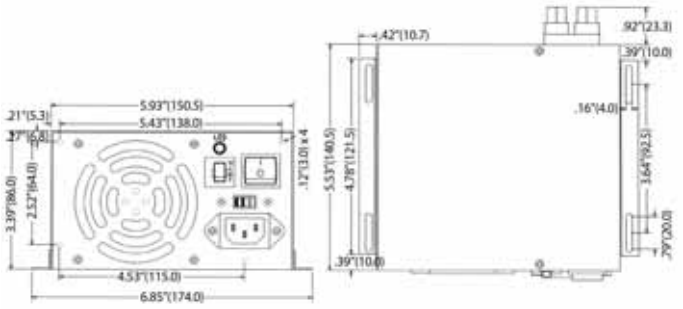
New

- +12v 20A
- Direct replacement for the following 5-Star Redemption games:

  Raptor Capture
  Surf' n Safari
  Grand Treasure Falls
  Dino-Spin
  Pirates Revenge
  Dinoscore
  Baseball
- 5-Star Ref# CA1-0046
- 1-Year warranty



DIMENSIONS



Part Number	Description
CA10054	Power Supply for 5-Star Redemption, +12v 20A

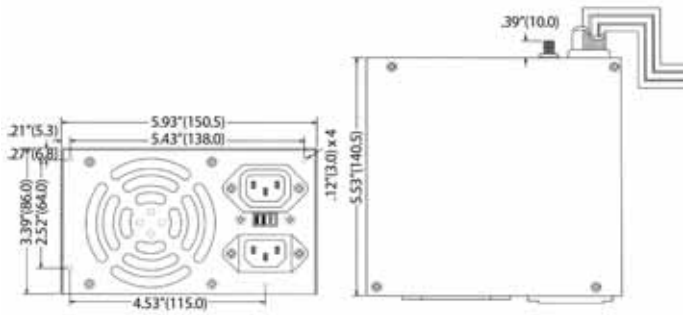
150W UL, TUV POWER SUPPLY

New

- +5v 16A, +12v 6A, -5v 0.5A, -12v 0.5A
- UL & TUV Recognized
- 150 watts of power
- Dual AC Input 115vac/230vac, selectable by jumper
- 1 year warranty
- Ref. No. 44-1060 & 20-10167



DIMENSIONS



Part Number	Description
80-20167-0	150W UL, TUV Power Supply

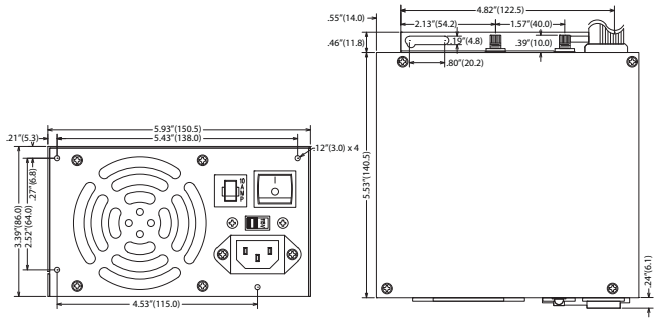
250W UL POWER SUPPLY

New

- +5v 22A, +12v 9A, -5v 0.5A, -12v 0.5A, +3.3v 14A
- UL Recognized
- 250 watts of power (140 watts max for +5v & +3.3v)
- Dual AC Input 115vac/230vac, selectable by jumper
- ATX Size Case
- 1 year warranty
- Used on Namco Time Crisis, Time Crisis II, Rolling Extreme
- Ref. No. 44-1090 and VG 880767100



DIMENSIONS



Part Number	Description
80-1060-02	250W UL Power Supply

400W POWER SUPPLY FOR GLOBAL VR GAMES

- Used on Need for Speed, PGA Golf, Madden Football, Vortec V3 and Six Guns Select
- Global VR reference No. PS-ATX-1140H
- ATX size
- Switch selectable AC input 115VAC/230VAC
- UL recognized, CE and TUV approval
- RoHS compliant
- 1-Year warranty
- AC Input: 110-120 / 200-240V~, 8.5 / 5A, 60 / 50Hz
- DC Output: 400 watts

  +3.3V —- 28.0A (orange) +5V —- 30.0A (red)
  +12V1 —- 18.0A (yellow) +12V2 —- 18.0A (yellow/black)
  +5Vsb —- 2.5A (purple) -12V —- 0.5A (blue)
- P.G. Signal (Gray), Ground (Black) (+3.3V & +5V = 180W max) (+12V1 & +12V2 = 348W max)



Part Number	Description
80-1253-10	400 Watt Power Supply for Global VR

250W UL, CE POWER SUPPLY

New

- +5v 20A, +12v 13A, -12v 0.5A, -5v 0.5A
- UL, CE Recognized
- 250 watts of power
- Dual AC Input 115vac/230vac, selectable by jumper
- 1 year warranty
- Used on Cruis'n Exotica, Cart Fury and Grid games
- Ref. No. 44-1060-01



Part Number	Description
80-1060-01	250W UL, CE Power Supply

250W UL, CE POWER SUPPLY

New

- +5v 20A, +12v 13A, -5v 0.5A, -12v 0.5A
- UL and CE Recognized
- 250 watts of power
- Dual AC Input 115vac/230vac, selectable by jumper
- 1 year warranty
- Used on Namco Time Crisis 3 & 4 and ATV
- Ref. No. 44-1090-02 & VG88-07671-01



Part Number	Description
80-1060-03	250W UL, CE Power Supply

200W CE POWER SUPPLY

New

- +5v 21A, +12v 10A, -5v 0.3A, -12v 0.8A, +3.3v 14A, +5Vsb 2A
- CE Recognized
- 200 watts of power (+3.3v, +5v & +12v 180W)
- Dual AC Input 115vac/230vac, selectable by jumper
- 1 year warranty
- Used on Coastal GT counter top game
- Ref. No. CA-PS-ATX-250



Part Number	Description
CAPSATX250	200W CE Power Supply

150W UL, CSA POWER SUPPLY

New

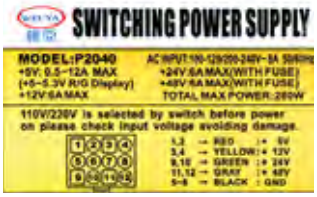
- +5v 16A, +12v 6A, -5v 0.5A
- UL, CSA Recognized
- 150 watts of power
- Dual AC Input 115vac/230vac, selectable by jumper
- 1 year warranty
- Used on Skeeball and coastal games
- Ref. No. 44-1025



Part Number	Description
80-0021-00	150W UL, CSA Power Supply

280W POWER SUPPLY

New





- Used on newer Coastal Toy Soldier and Bling King
- Also used on Toy Taxi, Hot Stuff, Wheel of Prizes, Jewelry Stop, Bozo Big Choice
- Mounting bracket included
- RoHs compliant
- Total maximum power: 280W
- +12V: 6A Max
- AC input: 100-120 / 200-240V-8A 50/60 Hz
- +24V: 6A Max (with fuse)
- +48V: 6A Max (with fuse)

Part Number	Description
PE-PS-JUM-P2040	280W Power Supply

Looking for Cooling fans for Power Supplies?

See Suzo-Happ's Entire Selection of Cooling Fans on Page 393

ISOLATION TRANSFORMER

- Input 120 volts
- Output 120 volts
- Output power 120 watts
- UL recognized



Part Number	Description
80-2000-00	Isolation Transformer

EZ COOL KIT FOR MERIT

New

- Tired of the costly replacement of hard drives, power supplies, motherboards and LCD monitors due to excessive heat in your Force Evo countertop? Time to install the EZ Cool solution
- When installed the cabinet temperature is lowered to be just above 80˚F
- Kit contains enough parts to install EZ Cool system in 10 countertop games
- Kit also includes hole saw and template for slight cabinet modification
- Quick installation time of only 15 minutes and can easily be done on location



Part Number	Description
95-3487-00	EZ Cool Kit for Force Evo & Ion EVO Countertops

12V 500 MA CUL PLUG-IN POWER SUPPLY

New

- +12v 500Ma
- CUL Recognized



Part Number	Description
80-0001-00	+12v 500Ma CUL PLUG-IN Power Supply

NEON SIGN POWER SUPPLY

New



- Replaces Several different sizes of standard transformers
- Supports up to 8 cathodes (4 tubes)
- Max. meters connected 4.4 meters (4 tubes x 1.1m)
- 1 max sec = 18.6 mA
- 1 max prim = 520mA
- Min. cathodes connected = 1 (1 tube)
- Min. meters connected = 0.32
- 1 max sec = 18.6mA
- 1 max prime = 100mA

POWER REQUIREMENTS	
Voltage :	120 VAC, 50/60 Hz
Current :	0.66 A max (depends on load)
Power :	80 W max (depends on load)
INPUT CONNECTIONS	
Two AWG 18 leads, 8 inches long, or power cord, 8 ft long, black or white	
CONTROL (OPTIONAL)	
Red (+) and brown (-) wires can be connected to an electronic controller to modulate neon brightness or to gate the unit on and off	
Maximum "on" voltage :	1.20 V
Minimum "off" voltage :	2.50 V
Control current :	1.6 mA (5 V control voltage)
Absolute max. control voltage :	15 V
OUTPUT CHARACTERISTICS	
Output is isolated from input for maximum flexibility of application. Shorted output supplies the rated current. Open circuit or excessive load will cause the unit to shut down, but special circuit will attempt to automatically restart power up to three times to avoid nuisance trips	
Voltage :	8KV AC max. (actual voltage depends on load and will be equal to or lower than this value.)
Current :	20 mA
OUTPUT CONNECTIONS	GTO-10 leads, 12 inches long
DIMENSIONS	4.00 x 1.40 x 0.90 (max) inches
MOUNTING	
Unit is mounted with two 8-32 x 3/4 inch nylon screws and nuts (provided)	

Part Number	Description
32-1036-00	Neon Sign Power Supply

TRIPP LITE 750U UPS SYSTEM

New



- INTERNET750U standby UPS offers complete protection from blackouts, brownouts and surges on AC and tel/DSL dataline connections
- 12 widely spaced outlets accommodate large transformer plugs without blocking outlets
- 6 battery-supported outlets protect computers and vital system peripherals. 6 surge suppression-only outlets protect system accessories that do not require battery support
- Provides battery-derived AC output during blackouts and brownouts
- 750VA/450W power handling ability supports a variety of PCs, workstations and other sensitive electronics
- Supports entry-level PC systems up to 35 min. during blackouts
- Single-line tel/DSL surge suppression with line splitter protects two directly connected modems, fax machines or cordless phones sharing a single phone line connection
- USB port, FREE PowerAlert Software and cabling provide monitoring of site power conditions
- HID-compliant USB interface enables integration with built-in power management and auto-shutdown features of Windows and Mac OS X.
- Supports Tripp Lite's Watchdog system service to restore operation to locked equipment through soft reboot of application/OS or hard power off/on reboot of connected equipment; ideal for unattended kiosk applications
- Hot-swap battery replacement supported via battery access door
- Space-saving ultra-compact housing
- Keyhole mounting flanges enable secure wall mount installation
- $100,000 Ultimate Lifetime Insurance protects connected equipment from surge damage (USA & Canada only)
- 2-year manufacturer's product warranty

Part Number	Description
80-0409-10	Tripp Lite 750U UPS System

TRIPP LITE AVR750U UPS SYSTEM

New



- AVR750U line-interactive UPS offers protection from blackouts, brownouts and surges on both AC and Tel/DSL line connections
- Built-in Automatic Voltage Regulation (AVR) boosts brownouts as low as 83V and reduces overvoltages up to 147V back to usable 120V nominal levels
- 12 outlets, 4 of which are widely spaced to accommodate large transformer blocks without obscuring adjacent outlets
- 6 battery-supported outlets protect computers, monitors and vital system peripherals, plus 6 additional surge suppression-only outlets for printers and other system accessories not requiring battery support
- Provides battery-derived AC output during blackouts, voltage boost during brownouts and voltage reduction during overvoltages
- 750VA / 450 watt power-handling ability supports a variety of PCs, workstations and other sensitive electronics
- Supports entry-level PC systems up to 35 minutes during blackout conditions
- Built-in single-line Tel/DSL line surge suppression protects modems, fax machines or cordless phones
- USB port, included USB cable and PowerAlert software offer safe, unattended shutdown without data loss during extended outages
- HID-compliant USB port enables integration with built-in power management and auto shutdown features of Windows and Mac OSX
- Supports Tripp Lite's Watchdog system service to restore operation to locked equipment through soft reboot of application / OS or hard power off/on reboot of connected equipment - ideal for unattended kiosk applications
- Hot-swappable user battery replacement supported via battery access door
- Space-saving, ultra-compact housing fits almost anywhere
- Keyhole mounting flanges enable secure wall mount installation
- 2-year manufacturer's product warranty

Part Number	Description
80-0497-00	Tripp Lite AVR750U UPS System

TRIPP LITE SMART2200VS TOWER UPS SYSTEM

New





- 2200VA / 1600 watt output capacity accommodates a variety of server, networking and telecom devices
- High power density 2.2kVA UPS system occupies only 106 square inches of floorspace with a height of only 14.25 inches
- Compatible with North American 120V / 60 Hz power as found in the USA, Canada and Mexico
- Offers 7 minutes runtime with a full load of 2200VA and 19 minutes with a half load of 1100VA
- Line interactive voltage regulation corrects severe brownouts and overvoltages from 79 to 147v back to normal 120v levels without using battery power
- 9 total outlets (7 NEMA5-15R; 2 NEMA5-15/20R)
- Includes NEMA 5-20 straight blade 20 amp input plug connection; package includes optional user installable NEMA 5-15 input plug to enable connection to a 15A circuit
- Notification of system status via 5 LEDs and multi-function audible alarms
- Included PowerAlert Software provides e-mail notification of power problems and the simultaneous automatic unattended shutdown of multiple servers
- 4 built-in communications ports (2-DB9, 2-USB) for remote monitoring and unattended shutdown
- Slot for SNMP/web card (part#: SNMPWEBCARD) and environmental sensor (part#: ENVIROSENSE) for remote communications in large IP environments
- Supports Tripp Lite's WatchDog software application to restore unresponsive programs by automatically restarting them and rebooting completely locked computers by automatically switching UPS power off and back on again
- Communication ports support on battery, low battery, power restored, AC line voltage, DC battery voltage, load percentage, battery charge current, battery capacity, internal UPS temperature and line frequency status messaging. Interface supports timed inverter shutoff after unattended shutdown, activate self-test and 10 second reboot of connected equipment
- 3 pairs of customized load management receptacles can be individually powered off and back on again via software interface to reboot remote equipment or shed less critical loads to extend battery runtime for the most critical equipment
- Built-in Emergency Power Off (EPO) interface supports emergency shutoff in large facilities
- Hot-swappable / user replaceable batteries allow on-site battery replacement through the front panel without powering off connected equipment or removing the UPS from the rack
- UPS battery set ships fully assembled and ready for use, no time consuming, connection of individual internal batteries by user is necessary
- UL (USA), cUL (Canada), NOM (Mexico), Class A (Emissions)
- $250,000 Ultimate Lifetime Insurance. No warranty cards required for coverage!
- 2 year manufacturers product warranty

Part Number	Description
80-0408-05	Tripp Lite Smart2200VS Tower UPS System

TRIPP LITE SMART1050VS TOWER UPS SYSTEM

New



- 1050VA / 705 watt power handling capability supports a variety of networking, telecom and various other application types
- Built-in voltage regulation and battery support prevents equipment damage, data loss and downtime
- Large internal batteries offer 23 minutes half load runtime and 8 minutes at full load during power failures
- Automatic Voltage Regulation (AVR) circuits with two boost and one voltage reduction level maintains usable 120V nominal output over an input voltage range of 75-147V
- Includes a total of 6 NEMA5-15R outlets
- Includes 1 USB communications port for remote monitoring of UPS status and site power conditions
- Communications port enables safe unattended shutdown without data loss during extended power failures
- Communications port supports messaging of UPS and line power status, including on-battery, low-battery, power-restored, AC line voltage, DC battery voltage and battery capacity
- Communications port supports timed inverter shutoff after unattended shutdown, activate self-test and 10 second reboot of connected equipment
- PowerAlert UPS monitoring and unattended shutdown software with complete cabling included
- Supports Tripp Lite's WatchDog software application to restore unresponsive programs by automatically restarting them and rebooting completely locked computers by automatically switching UPS power off and back on again
- Notification of system status via 5 LEDs and multi-function audible alarms
- Wall mountable with UPSWM wallmount bracket
- Attractive small footprint beige tower housing uses less than 53 square inches
- Hot-swappable / user replaceable batteries allow on-site battery replacement
- Cold start capability enables UPS turn-on in battery mode during blackout conditions
- UL (USA), cUL (Canada), NOM (Mexico), Class B (Emmisions)
- $250,000 Ultimate Lifetime Insurance
- 2 year manufacturers product warranty

Part Number	Description
80-0408-03	Tripp Lite Smart1050VS Tower UPS System

TRIPP LITE SMART1500VS TOWER UPS SYSTEM



- 1500VA / 980 watt power handling capability supports a variety of networking, telecom and various other application types
- Built-in voltage regulation and battery support, plus complete AC suppression prevents equipment damage, data loss and downtime
- Large internal batteries offer 20 minutes half load runtime and 7 minutes at full load during power failures
- Automatic Voltage Regulation (AVR) circuits with two boost and one voltage reduction level maintains usable 120V nominal output over an input voltage range of 75-147V
- Includes a total of 6 NEMA5-15R outlets, 1 of which can be individually powered on and off via software interface to selectively reboot remote equipment or shed less significant loads to extend battery runtime for more critical equipment
- Includes 1 USB and 1 DB9 monitoring port for remote monitoring of UPS status and site power conditions
- Communications ports enable safe unattended shutdown without data loss during extended power failures
- Communications ports support messaging of UPS and line power status, including on-battery, low-battery, power-restored, AC line voltage, DC battery voltage and battery capacity
- Communications ports support timed inverter shutoff after unattended shutdown, activate self-test and 10 second reboot of connected equipment
- PowerAlert UPS monitoring and unattended shutdown software with complete cabling included
- Supports Tripp Lite's WatchDog software application to restore unresponsive programs by automatically restarting them and rebooting completely locked computers by automatically switching UPS power off and back on again
- Notification of system status via 5 LEDs and multi-function audible alarms
- Wall mountable with UPSWM wall mount bracket
- Attractive small footprint beige tower housing uses less than 66 square inches
- Hot-swappable / user replaceable batteries allow on-site battery replacement
- Cold start capability enables UPS turn-on in battery mode during blackout conditions
- UL (USA), cUL (Canada), NOM (Mexico), Class A (Emissions)
- $250,000 Ultimate Lifetime Insurance (USA and Canada only)
- 2 year manufacturers product warranty with $250,000 connected equipment insurance (USA & Canada Only)

TRIPP LITE INTERNET OFFICE 550 UPS SYSTEM



- 8 Outlets (4 UPS/surge, 4 surge only)
- Built-in RJ11 jacks provide complete modem/phone protection
- DB9 communications port and free software facilitate unattended shutdown
- $25,000 connected equipment insurance (USA & Canada only)
- 525VA / 300 watts supports entry-level PC systems for several minutes
- Attractive stealth black UPS color scheme
- Includes 6 ft. AC power cord, on/off power switch
- Compact cabinet design fits easily on or under any desk
- Built-in audible alarm and front panel LEDs
- 2-year manufacturer's product warranty
- 8 lbs.

Part Number	Description
80-0408-01	Tripp Lite Internet Office 550 UPS System



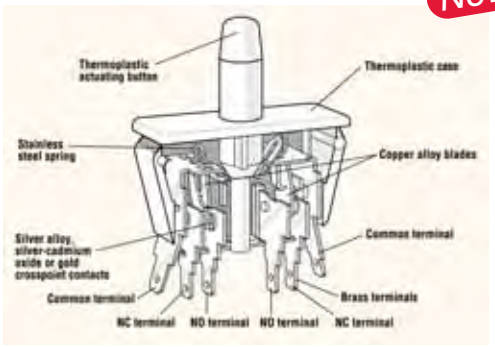
INTERLOCK SWITCHES

New

SINGLE POLE PANEL MOUNT SWITCHES

- Choice of push and push-pull interlock switches
- Snap-in panel mounting
- Long life coil spring, snap-action mechanism
- Temperature rating -40˚ to +85˚
- Flammability rating UL94V-0
- Various terminal forms available

CHERRY



SINGLE POLE PANEL MOUNT SWITCH

- Single pole / Double throw
- Basic momentary action
- 10A, 125/250VAC; 1/3HP, 125/250VAC
- Terminals: 0.187" x 0.020" (4.75 x 0.51mm)
- UL recognized
- Cherry ref. no. E69-00A



Part Number	Description
53-7010-00	Single Pole Panel Mount Switch

SINGLE POLE PANEL MOUNT SWITCH

- Single pole / Double throw
- Push-pull (cheat) action
- 10A, 125/250VAC
- Terminals: 0.187" x 0.020" (4.75 x 0.51mm)
- UL recognized
- Cherry ref. no. E69-30A



Part Number	Description
53-7020-00	Single Pole Panel Mount Switch

SINGLE POLE PANEL MOUNT SWITCH

- Single pole / Double throw
- Push (momentary) action
- 10A, 125/250VAC
- Terminals: 0.187" x 0.032" (4.8 x 0.8mm)
- UL recognized / VDE approved
- Cherry ref. no. F69-66A



Part Number	Description
53-7031-20	Single Pole Panel Mount Switch

SINGLE POLE PANEL MOUNT SWITCH

- Single pole / Double throw
- Push (momentary) action
- 0.1A, 125VAC
- Terminals: 0.187" x 0.020" (4.75 x 0.51mm)
- UL recognized
- Cherry ref. no. E68-00A



Part Number	Description
53-7031-00	Single Pole Panel Mount Switch

SINGLE POLE PANEL MOUNT SWITCH

- Single pole / Double throw
- Push-pull (cheat) action
- 10A, 125/250VAC
- Terminals: 0.250" x 0.032" (6.3 x 0.8mm)
- UL recognized / VDE approved
- Cherry ref. no. F69-24AO



Part Number	Description
22-0745	Single Pole Panel Mount Switch

SINGLE POLE PANEL MOUNT SWITCH

- Single pole / Double throw
- Push-pull (cheat) action
- 10A, 125/250VAC
- Terminals: 0.187" x 0.032" (4.8 x 0.8mm)
- UL recognized / VDE approved
- Cherry ref. no. F69-65A



Part Number	Description
F69-65A	Single Pole Panel Mount Switch

SWITCH HOLDER

- Specially designed bracket to hold Cherry E7 series switches
- Protects switch from damage
- Switch easily snaps into holder
- Easy adjustable mounting
- Made from heavy duty 16-gauge steel
- Uses # 10 screws
- Switch not included



Part Number	Description
42-8061-00	Drop Door Switch Holder

BRACKET FOR PANEL MOUNT SWITCH

- For Cherry E68 and E69 series switches only
- Easily mount to cabinet
- Heavy-duty metal construction
- Mounting hardware not included



Part Number	Description
42-0578-00	Bracket for Panel Mount Switch

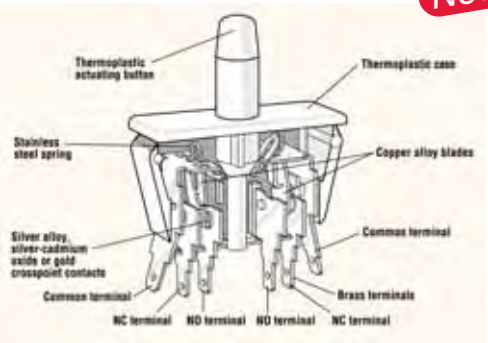
INTERLOCK SWITCHES

New

DOUBLE POLE PANEL MOUNT SWITCHES

- Choice of push and push-pull interlock switches
- Snap-in panel mounting
- Long life coil spring, snap-action mechanism
- Temperature rating -40˚ to +85˚
- Flammability rating UL94V-0
- Various terminal forms available

CHERRY



DOUBLE POLE PANEL MOUNT SWITCH

- Double pole / Double throw
- Push-pull (cheat) action
- 10A, 125/250VAC; 1/3HP, 125/250VAC
- Terminals: 0.187" x 0.020" (4.75 x 0.51mm)
- UL recognized
- Cherry ref. no. E79-30A



Part Number	Description
53-7030-00	Double Pole Panel Mount Switch

DOUBLE POLE PANEL MOUNT SWITCH

- Double pole / Double throw
- Basic momentary action
- 10A, 125/250VAC; 1/3HP, 125/250VAC
- Terminals: 0.187" x 0.020" (4.75 x 0.51mm)
- UL recognized
- Cherry ref. no. E79-00A



Part Number	Description
53-7011-00	Double Pole Panel Mount Switch

DOUBLE POLE PANEL MOUNT SWITCH

- Double pole / Double throw
- Basic momentary action
- 0.1A, 125/VAC
- Terminals: 0.187" x 0.020" (4.75 x 0.51mm)
- UL recognized
- Cherry ref. no. E78-00A
- Aristocrat ref. no. 6416-430795



Part Number	Description
53-7032-00	Double Pole Panel Mount Switch

DOUBLE POLE PANEL MOUNT SWITCH

- Double pole / Double throw
- Short button momentary action
- 0.1A, 125/VAC
- Terminals: 0.187" x 0.020" (4.75 x 0.51mm)
- UL recognized
- Cherry ref. no. E78-40A



Part Number	Description
80-0408-04	Tripp Lite Smart1500VS Tower UPS System

DOUBLE POLE PANEL MOUNT SWITCH

- Double pole / Double throw
- Short button momentary action
- 10A, 125/250VAC; 1/3HP, 125/250VAC
- Terminals: 0.187" x 0.020" (4.75 x 0.51mm)
- UL recognized
- Cherry ref. no. E79-40A
- Bally ref. no. E108-0385



Part Number	Description
53-7028-00	Double Pole Panel Mount Switch

DOUBLE POLE PANEL MOUNT SWITCH

- Double pole / Double throw
- Push-pull (cheat) action
- 10A, 125/250VAC
- Terminals: 0.187" x 0.020" (4.75 x 0.51mm)
- UL recognized / VDE approved
- Cherry ref. no. F79-66A



Part Number	Description
22-0746-1	Double Pole Panel Mount Switch

DOUBLE POLE PANEL MOUNT SWITCH

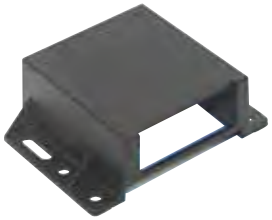
- Double pole / Double throw
- Push-pull (cheat) action
- 10A, 125/250VAC
- Terminals: 0.250" x 0.032" (6.3 x 0.8mm)
- UL recognized / VDE approved
- Cherry ref. no. OF79-30AB



Part Number	Description
0F7930AB	Double Pole Panel Mount Switch

DROP DOOR SWITCH HOLDER

- Specially designed bracket to hold Cherry E7 series switches
- Protects switch from damage
- Switch easily snaps into holder
- Easy adjustable mounting
- Durable plastic design
- Uses #10 screws
- Switch not included



Part Number	Description
22-0098	Drop Door Switch Holder

JAMMA CABLE ASSEMBLIES

- Labeled for ease of identification
- Universal design for 2 player games
- 5' length – fits any cabinet

JAMMA CABLE

- Jamma edge connection with wires for power, speakers, coin switches, start switch and controls

SUPER JAMMA CABLE

- Same as Jamma Cable but complete with 2' long Molex connected control panel harness with .187" connectors



80-5100-00



80-5000-00

Part Number	Description
80-5100-00	"Jamma" Cable
80-5000-00	Super "Jamma" Cable

8-LINE HARNESS

- Standard six button 8-line upright cabinet harness
- Additional "Dummy" terminals installed in edge connector for additional hook ups
- Button wires are broken-out for easy use



Part Number	Description
95-0634-00	8-Line Harness

REPLACEMENT HARNESS FOR POG CABINETS

- Update your old and worn out harness
- Made from high quality material
- Harness will work on all POG wooden cabinets
- Other replacement components available

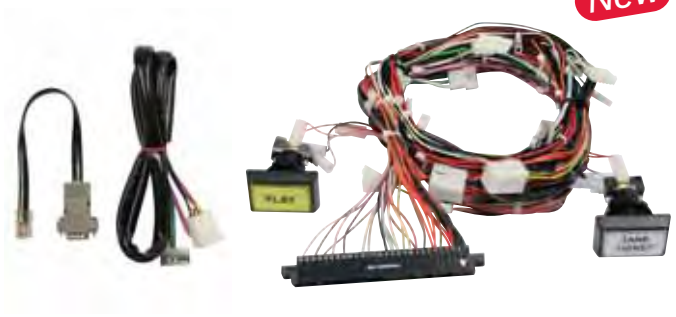


95-2396-00

Part Number	Description
95-2396-00	Harness for POG with Wooden Cabinet
96-0630-00	Printer Cable for POG
96-0629-00	Touch Screen Adapter Harness for POG
96-0628-00	Combo Harness for MEI Power and Printer Bypass for POG

HARNESS WITH BUTTONS FOR POG

New



- Update your old and worn out harness
- Includes two buttons, touch screen adapter harness, toggle switch, momentary button and DBA power harness
- Made from high quality materials
- The AC plug is set up for a CRT monitor

Part Number	Description
95-0634-02	Harness with Buttons for POG

POWER SUPPLY CORDS

- E58406
- 18 AWG/3 wires
- Round type – SJT
- 105°C temperature



80-1205-00 UNIVERSAL



80-1200-00 NAFTA

Part Number	Description
80-1200-00	NAFTA Power Supply Cord – Round 8ft.
80-1205-00	Universal Power Cord for Power Supplies, 6 Feet
80-0213-00	Universal Power Cord, 8 ft., 16 Gauge

ON/OFF SWITCH

- 6A/125 VAC
- Double pole single throw
- UL/CSA listed



Part Number	Description
49-0005-00	On/Off Switch

P.C. BOARD HOLDER

- Durable black nylon plastic construction
- Great for use within Universal Kit Cabinets
- Height adjustable from 4-1/2" to 12-1/2" to hold small or large PCBs
- Able to hold multi-level PCBs
- Mounts to wall of cabinet via molded mounting holes



Part Number	Description
49-0007-01	P.C. Board Holder

VASTECH DELUXE ATX POWER SUPPLY TESTER

- Save time troubleshooting annoying output problems
- Connects to any ATX power supply
- Four connectors tests all outputs and signals
- LED status lights indicate which components pass or fail
- 1-year warranty



Part Number	Description
92-2084-00	Vastech Deluxe ATX Power Supply Tester

EDGE CONNECTORS

- Dual row connector
- Available in 20, or 56 pin configurations



Part Number	Description
49-0011-00	56 Pin "Jamma" Connector (w/Solder Terminals)
49-0011-56	56 Pin "Jamma" Connector for Push-in Terminals (w/o Terminals)
49-0276-00	Push-in Terminals for 49-001-56 Connector

RF REMOTE CONTROL

- For use in various applications where remote switching access is required
- RF Remote control system with 1 button Transmitter
- A press of the button on transmitter activates relay for 2 seconds
- Non-programmable



Part Number	Description
49-0712-00	RF Remote Control, Non-Programmable
49-0712-00S	Replacement Transmitter Only

POWER SUPPLY QUICK REFERENCE

Game	MFG.	Part Number	Description
AREA 51	ATARI	80-0004-00	POWER SUPPLY +5V@20A, +12V@8A, -5V@.5A, -12V@.51 MP4200C
		80-1152-00	POWER SUPPLY UL+5V 20A/+12V/8A -5V/0.5A/- 12V/0.5A DUAL ON/OFF
		80-0074-00	POWER SUPPLY 5V@20A, 12V@8A, -5V@.5A, -12V@.5A' FAN HDD NO CORD 12 PIN MAIN OUT
AREA 51 SITE 4	ATARI	80-0074-00	POWR SUPPLY SWTCHR 150w UL/LSA/UDE
ARTIC THUNDER	MIDWAY	20-10726	POWR SUPPLY SWTCHR 150w UL/LSA/UDE
BLITZ	MIDWAY	80-20167-0	POWER SUPPLY 5V16A, 12v6A, -5v.5A -12v.5A
BROMELY	BROMELY	80-0021-00	POWER SUPPLY UL +5V16A,+12V6A -5V0.5A W/ EXTERNAL ON/OFF
BEAT THE CHAMP	KONAMI	80-0072-00	POWER SUPPLY ULT W/REMOTE, ON/OFF CABLE NO ON-OFF CASE
CALIFORNIA SPEED	ATARI	80-20167-0	POWER SUPPLY 5V@16A, 12V@6A, -5V@.5A, -12V@.5A
CADILLAC JACK	CADILLAC JACK	80-1152-00	POWER SUPPLY UL+5V 20A/+12V/8A -5V/0.5A/-12V/0.5A DUAL ON/OFF
CARNEVIL	MIDWAY	80-20167-0	POWER SUPPLY 5V@16A, 12V@6A, -5V@.5A, -12V@.5A
CART FURY	MIDWAY	80-1060-01	POWER SUPPLY UP-700-250 PETER CHOU
CRISIS ZONE STD/DLX	NAMCO	80-1060-02	
CRUISIN EXOTICA	MIDWAY	80-1060-01	POWER SUPPLY UP-700-250 PETER CHOU
CRUISIN USA	WILLIAMS	80-0074-00	POWER SUPPLY 5V@20A, 12V@8A, -5V@.5A, -12V@.5A' FAN HDD, NO CORD 12 PIN MAIN OUT
CRUISIN WORLD	WILLIAMS	80-20167-0	POWER SUPPLY 5V@16A, 12V@6A, -5V@.5A, -12V@.5A
CYCLONE	I.C.E.	80-0210-00	POWER SUPPLY 5V@15A, 12V@4A, -5V@1A 104 WATT UL, CE, TUV
DAYTONA USA	SEGA	80-0074-00	POWER SUPPLY 5V@20A, 12V@8A, -5V@.5A, -12V@.5A' FAN HDD NO CORD 12 PIN MAIN OUT
EVIL KNIGHT	KONAMI	80-0072-00	POWER SUPPLY ULT W/REMOTE ON/OFF CABLE NO ON-OFF ON CASE
FORCE	MERIT	80-0214-00	
GAUNTLET	ATARI	80-0074-00	POWER SUPPLY 5V@20A, 12V@8A, -5V@.5A, -12V@.5A' FAN HDD NO CORD 12 PIN MAIN OUT
GOLDEN TEE W/GREEN GAME BOARD	INCREDIBLE TECH.	80-0002-10	POWER SUPPLY UL 5V20A,12V8A,-5V.5A -12V.5A CORD,W/ DUAL ON/OFF SW
GOLDEN TEE W/RED GAME BOARD	INCREDIBLE TECH.	80-1247-00	

POWER SUPPLY QUICK REFERENCE CONTINUED

Game	MFG.	Part Number	Description
GRID	MIDWAY	**80-1060-01**	POWER SUPPLY UP-700-250 PETER CHOU
GTI	KONAMI (AMERICA)	**80-0072-00**	POWER SUPPLY ULT W/REMOTE ON/OFF CABLE NO ON-OFF ON CASE
GTI CLUB	KONAMI	**80-0072-00**	POWER SUPPLY ULT W/REMOTE ON/OFF CABLE NO ON-OFF ON CASE
HOUSE OF THE DEAD	SEGA	**80-1152-00**	POWER SUPPLY UL+5V 20A/+12V/8A -5V/0.5A/-12V/0.5A DUAL ON/OFF
HYDRO THUNDER	MIDWAY	**20-10552**	POWER SUPPLY - HYDROTHUNDER
HYPER DRIVE	MIDWAY	**80-20167-0**	POWER SUPPLY 5V16A, 12v6A, -5v.5A -12v.5A
I.T. COUNTER '97	INCREDIBLE TECH.	**80-0209-00**	POWER SUPPLY 200 WATT/FULL SIZE XT PACKAGE PETER CHOU
I.T. GOLF GAMES	INCREDIBLE TECH.	**80-0002-10**	POWER SUPPLY UL 5V20A,12V8A,-5V.5A -12V.5A CORD,W/ DUAL ON/OFF SW
KILLER INSTINCT	MIDWAY	**80-20167-0**	POWER SUPPLY 5V16A, 12v6A, -5v.5A -12v.5A
KONAMI	KONAMI	**80-0072-00**	POWER SUPPLY ULT W/REMOTE ON- OFF CABLE NO ON-OFF ON CASE
KONAMI	KONAMI	**80-0209-00**	POWER SUPPLY 200 WATT/FULL SIZE XT PACKAGE PETER CHOU
LETHAL ENFORCER	KONAMI	**80-0072-00**	POWER SUPPLY ULT W/REMOTE ON- OFF CABLE NO ON-OFF ON CASE
MAXIMUM FORCE	ATARI	**80-0074-00**	POWER SUPPLY 5V@20A, 12V@8A, -5V@.5A, -12V@.5A, 12 PIN AMP
MERIT	MERIT	**80-0013-00**	POWER SUPPY 12 AMP PETER CHOU +5V12A,+12V3A,-5V1A NON-UL
MERIT MEGATOUCH	MERIT	**80-0312-00**	POWER SUPPLY FOR MERIT MEGATOUCH XL SERIES
MORTAL COMBAT (ALL SERIES)	MIDWAY	**80-0210-00**	POWER SUPPLY 5V@15A, 12V@4A, -5V@1A 104 WATT, UL CE TUV
NAMCO	NAMCO	**80-0209-00**	POWER SUPPLY 200 WATT/FULL SIZE XT PACKAGE PETER CHOU
NAMCO GUN GAMES	NAMCO	**80-0216-00**	POWER SUPPLY +24VDC 5 AMP TERM STRIP MP20120E UL, CUL, CE
NBA ON NBC	MIDWAY	**80-0074-00**	POWER SUPPLY 5V20A,12V8A,-5V.5A -12V.5A, 12 PIN AMP REM
NBA PLAY BY PLAY	KONAMI	**80-0072-00**	POWER SUPPLY ULT W/REMOTE ON/OFF CABLE NO ON-OFF ON CASE
NBA SHOWTIME	MIDWAY	**80-20167-0**	POWER SUPPLY 5V16A, 12v6A, -5v.5A -12v.5A
NEO GEO	SNK	**80-0072-00**	POWER SUPPLY ULT W/REMOTE ON- OFF CABLE NO ON-OFF ON CASE
NFL BLITZ	WILLIAMS	**80-0074-00**	POWER SUPPLY 5V@20A, 12V@8A, -5V@.5A, -12V@.5A' FAN HDD NO CORD 12 PIN MAIN OUT
NICKTOONS RACING		**80-1247-20**	SPARKLE POWER SUPPLY 200W ATX +3.3V, +5V, +12V ,-12 ,+5VSB
NINTENDO MISC.	NINTENDO	**80-0210-00**	POWER SUPPLY 5V@15A, 12V@4A, -5V@1A 104 WATT UL, CE, TUV
OFF ROAD	MIDWAY	**80-20167-0**	POWER SUPPLY 5V@16A, 12V@6A, -5V@.5A, -12V@.5A
OPEN ICE	MIDWAY	**80-20167-0**	POWER SUPPLY 5V16A, 12v6A, -5v.5A -12v.5A
PHOTO BOOTH	PHOTO VEND	**80-0015-00**	XT POWER SUPPLY 150 WATT, WITH SWITCH ON CASE, W/POWER CORD
POG	LEISURE TECH	**80-0003-UL**	POWER SUPPLY 5V@12A, 12V@4A, -12V@1A MP21120A
RADICAL BIKER	ATARI	**80-20167-0**	POWER SUPPLY 5V16A, 12v6A, -5v.5A -12v.5A
ROAD BURNERS	ATARI	**80-0074-00**	POWER SUPPLY 5V@20A, 12V@8A, -5V@.5A, -12V@.5A' FAN HDD NO CORD 12 PIN MAIN OUT
RUSH THE ROCK	ATARI	**80-0074-00**	POWER SUPPLY 5V@20A, 12V@8A, -5V@.5A, -12V@.5A' FAN HDD NO CORD 12 PIN MAIN OUT
SAN FRANCISCO RUSH	ATARI	**80-0074-00**	POWER SUPPLY 5V@20A, 12V@8A, -5V@.5A, -12V@.5A' FAN HDD NO CORD 12 PIN MAIN OUT
SAN FRANCISCO RUSH 2049	ATARI	**80-0074-00**	POWER SUPPLY 5V@20A, 12V@8A, -5V@.5A, -12V@.5A' FAN HDD NO CORD 12 PIN MAIN OUT
SILENT SCOPE	KONAMI	**80-0074-00**	POWER SUPPLY 5V@20A, 12V@8A, -5V@.5A, -12V@.5A' FAN HDD NO CORD 12 PIN MAIN OUT
		80-1152-00	POWER SUPPLY UL+5V 20A/+12V/8A -5V/0.5A/-12V/0.5A DUAL ON/OFF
SITE 4	ATARI	**80-0074-00**	POWER SUPPLY 5V@20A, 12V@8A, -5V@.5A, -12V@.5A, 12 PIN AMP
SKEEBALL	SKEEBALL	**80-0021-00**	POWER SUPPLY UL +5V16A,+12V6A -5V0.5A W/ EXTERNAL ON/OFF
THRILL DRIVE	KONAMI	**80-0072-00**	POWER SUPPLY ULT W/REMOTE ON/OFF CABLE NO ON-OFF ON CASE
TIME CRISIS	NAMCO	**80-0216-00**	POWER SUPPLY +24VDC 5 AMP TERM STRIP MP20120E UL, CUL, CE
TIME CRISIS 2	NAMCO	**80-0216-00**	POWER SUPPLY +24VDC 5 AMP TERM STRIP MP20120E UL, CUL, CE
TOUCHMASTER	MIDWAY UPRIGHT	**80-20167-0**	POWER SUPPLY 5V16A, 12v6A, -5v.5A -12v.5A
TOUCHMASTER	MIDWAY COUNTERTOP	**80-20167-0**	POWER SUPPLY 5V16A, 12v6A, -5v.5A -12v.5A
VAPOR TRX	MIDWAY	**80-0074-00**	POWER SUPPLY 5V@20A, 12V@8A, -5V@.5A, -12V@.5A' FAN HDD NO CORD 12 PIN MAIN OUT"
VIDEO POKER	VARIOUS GAMES	**80-0002-10**	POWER SUPPLY UL 5V@20A, 12V@8A -5V@.5A, -12V@.5A CORD, W/DUAL ON/OFF SWITCH
VIRTUA FIGHTER	SEGA	**80-0015-00**	
WAR FINAL ASSAULT	ATARI	**80-20167-0**	POWER SUPPLY 5V16A, 12v6A, -5v.5A -12v.5A
WAR GODS	MIDWAY	**80-20167-0**	POWER SUPPLY 5V16A, 12v6A, -5v.5A -12v.5A
ZL-5000 C/T & U/R	MERIT	**80-0312-00**	

MEI 12V BATTERY SERIES 2000 BILL VALIDATOR

New

The proven high reliability and exceptional performance of MEI Series 2000 – PLUS…

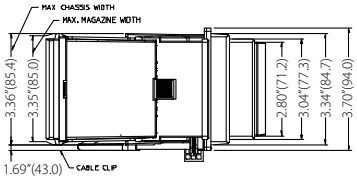
- Overall lower current draw provides for nearly double the plays between battery charges
- Compared with other competitive products
  - Faster "Instant On" wake up and sleep times - 402ms
  - Lower current draw in sleep mode - 60 uA
  - Lower current draw when stacking bills - 492mA
  - Lower idle current - 206mA
- Total vend cycle only 4.9 seconds (4.2 seconds faster than other competitive products)
- Ideal for pool table operators
- Includes validator to pool table harness
  - Valley
  - Generic (Medalist, Global & Shelti)
- Low jam rate, high acceptance rate, and increased bill capacity
- Exceptional security and value with high four-way acceptance rate
- Accepts custom and generic coupons for dollar-value vends
- Resists vandalism with enclosed sensors and a coin-resistance bezel
- Low maintenance; Easy, time-saving set up
- Re-programmable flash memory enables quick, easy updates of software files for new currency designs or value coupons

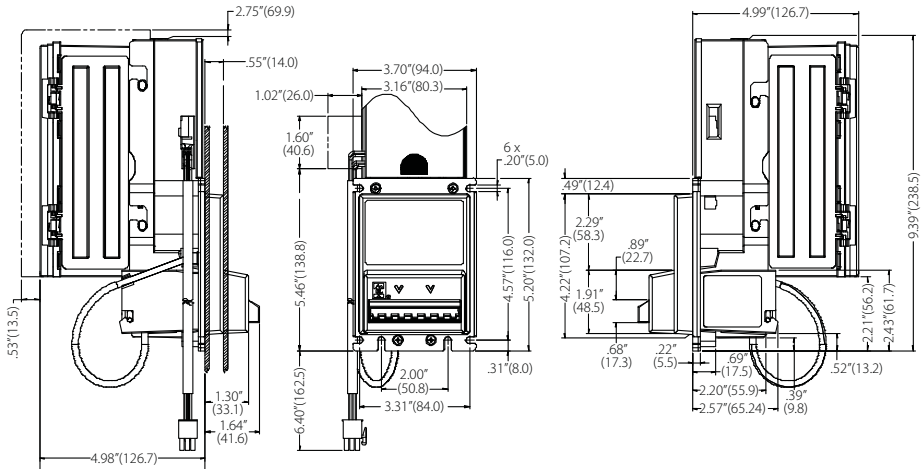


For use with 12V Battery



VALIDATOR DIMENSIONS







26-2121-00



26-1218-00

Part Number	Model	Pool Table	Bill Capacity	Voltage	Bezel	Accepts
42-20101-00	AE-2455-U5E	Valley	500	12v Battery	Fitted	$1-$5
42-20302-00	AE-2655-U5E	Valley	500	12v Battery	Fitted	$1-$20
42-20101-10	AE-2455-U5E	Generic*	500	12v Battery	Fitted	$1-$5
42-20302-10	AE-2655-U5E	Generic*	500	12v Battery	Fitted	$1-$20

* Generic (Medalist, Global, Shelti)

Part Number	Description
26-2121-00	Replacement 12v 12 amp hour Battery for Pool Table
26-1218-00	Replacement 12v 18 amp hour Battery for Pool Table
26-2117-00	Battery Charger for Pool Table Battery
26-2121-10	Battery Charger Cable with Clips

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(See page 89)

MEI 12V CONSTANT SOURCE SERIES 2000 BILL VALIDATOR

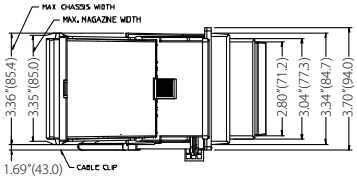
New

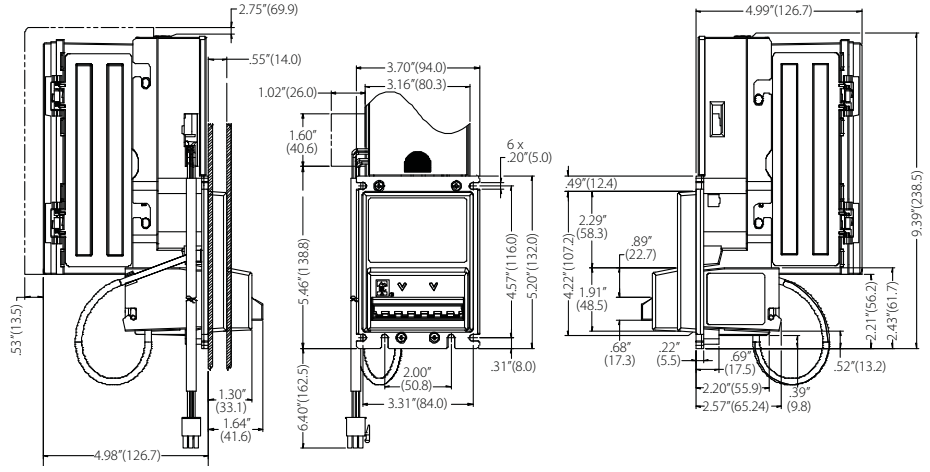
New 12v constant source voltage units from MEI

- Advanced sensing technology allows high acceptance rate by accepting torn, wrinkled, faded, damp, dirty, limp, folded or mutilated bills
- Non-contact optical sensors eliminate pinch rollers offering a smooth bill path that reduces jams
- Low Maintenance: Streamlined recognition system sensors are embedded under the smooth plastic bill path and the magnetic pinch roller has been eliminated dramatically reducing debris buildup and the need for cleaning
- Security: Fully-encased optical sensors check paper type and the printing on both sides of the bill, while optical cross channel sensors examine the bill path for foreign objects such as clear tape or strings. This bill validator rejects most of the known counterfeits accepted by ordinary bill acceptors - through the use of multiple wavelength optical sensing and sophisticated data processing
- Flash memory programmable; as more US bill designs are released, the Validator can easily be updated in the field
- Fully accessible bill path
- Lighted bezel with easy-to-read diagnostic lamps
- Easy-to-use dip switch settings and coupon configuration
- Holds rejected bills
- Self-generated jam-clearing function
- Fully contained control box
- Expandable upstacker or downstacker magazine
- Lightweight unitized design for applications where cube space is a premium
- Locking hasp available
- Accepts bills in any direction
- Two (2) Year Warranty

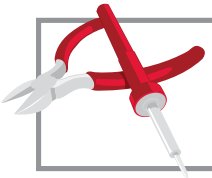


VALIDATOR DIMENSIONS





Part Number	Model	Bill Capacity	Voltage	Bezel	Accepts
42-13531-00	AE-2454-U5E	500	12vdc	Fitted	$1-$5
42-13696-00	AE-2654-U5E	500	12vdc	Fitted	$1-$20
42-13862-00	AE-2854-U5E	500	12vdc	Fitted	$1-$100



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(See page 89)

MEI BILL VALIDATORS-AE2400 SERIES

- Advanced sensing technology allows high acceptance rate by accepting torn, wrinkled, faded, damp, dirty, limp, folded or mutilated bills
- Non-contact optical sensors eliminate pinch rollers offering a smooth bill path that reduces jams
- Low Maintenance: Streamlined recognition system sensors are embedded under the smooth plastic bill path and the magnetic pinch roller has been eliminated dramatically reducing debris buildup and the need for cleaning
- Security: Fully-encased optical sensors check paper type and the printing on both sides of the bill, while optical cross channel sensors examine the bill path for foreign objects such as clear tape or strings. This bill validator rejects most of the known counterfeits accepted by ordinary bill acceptors - through the use of multiple wavelength optical sensing and sophisticated data processing
- Flash memory programmable; as more new US bill designs are released, the Validator can easily be updated in the field
- Fully accessible bill path
- Lighted bezel with easy-to-read diagnostic lamps
- Easy-to-use dip switch settings and coupon configuration
- Holds rejected bills
- Self-generated jam-clearing function
- Fully contained control box
- Expandable upstacker or downstacker magazine
- Lightweight unitized design for applications where cube space is a premium
- Locking hasp available
- Accepts bills in any direction
- 2 Year Warranty



DOWNSTACKER

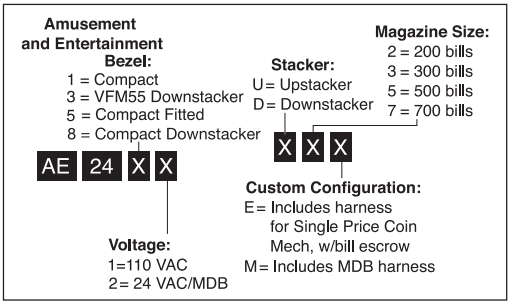


UPSTACKER

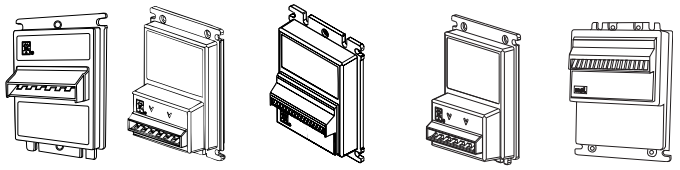


COMPACT DOWNSTACKER

CONFIGURATION KEY

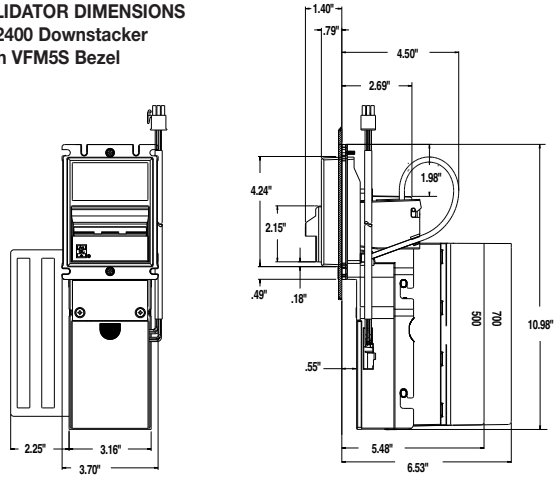


BEZEL OPTIONS:

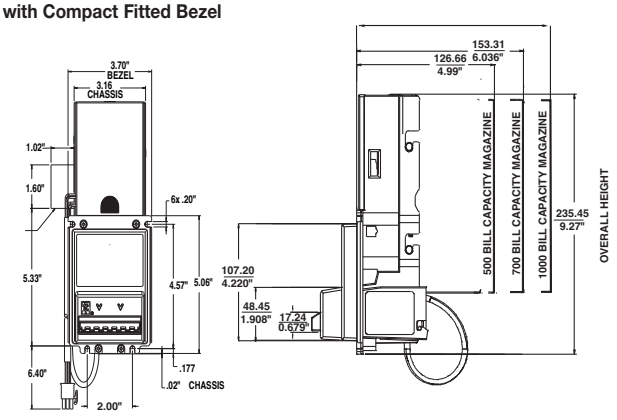


0 – VFM	1 – COMPACT	3 – VFM5S DOWNSTACKER	5 – COMPACT FITTED	8 – COMPACT DOWNSTACKER
42-3396-00	250065014	250011049	42-7340-00	250064143

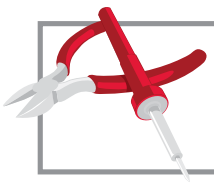
VALIDATOR DIMENSIONS
AE2400 Downstacker with VFM5S Bezel



VALIDATOR DIMENSIONS
AE2400 Upstacker with Compact Fitted Bezel



Part Number	Model	To Accept	Bill Capacity	Voltage
42-7434-00	AE-2411-U5E	$1, $2 & $5	500 Bills	110VAC
42-2055-00	AE-2412-U3E	$1, $2 & $5	300 Bills	24VAC
42-2056-00	AE-2412-U7E	$1, $2 & $5	700 Bills	24VAC
42-8102-00	AE-2431-D5E	$1, $2 & $5	500 Bills	110VAC
42-1155-00	AE-2451-U3E	$1, $2 & $5	300 Bills	110VAC
42-6935-00	AE-2451-U5E	$1, $2 & $5	500 Bills	110VAC
42-2054-00	AE-2451-U7E	$1, $2 & $5	700 Bills	110VAC



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(See page 89)

MEI BILL VALIDATORS-AE2600 SERIES

- High, secure 4-way acceptance of $1, $2, $5, $10, $20 bills
- Advanced sensing technology allows high acceptance rate by accepting torn, wrinkled, faded, damp, dirty, limp, folded or mutilated bills
- Non-contact optical sensors eliminate pinch rollers offering a smooth bill path that reduces jams
- Low Maintenance: Streamlined recognition system sensors are embedded under the smooth plastic bill path and the magnetic pinch roller has been eliminated dramatically reducing debris buildup and the need for cleaning
- Security: Fully-encased optical sensors check paper type and the printing on both sides of the bill, while optical cross channel sensors examine the bill path for foreign objects such as clear tape or strings. This bill validator rejects most of the known counterfeits accepted by ordinary bill acceptors - through the use of multiple wavelength optical sensing and sophisticated data processing
- Bezel option "0" allows for drop-in replacement for the VFM4 Upstacker Validator contains both gaming (MEI gaming) and vending (MDB) interfaces
- Flash memory programmable. As more new U.S. bill designs are released, the validator can easily be updated in the field
- Fully accessible bill path; Fully contained control box
- Lighted bezel with easy-to-read diagnostic lamps
- Easy-to-use dip switch settings and coupon configuration
- Holds rejected bills; Self-generated jam-clearing function
- Expandable upstacker or downstacker magazine
- Flexible interfacing available to accommodate various vending interfaces and communicate with a coin changer
- Locking hasp available
- Accepts bills in any direction
- 2 Year Warranty



DOWNSTACKER

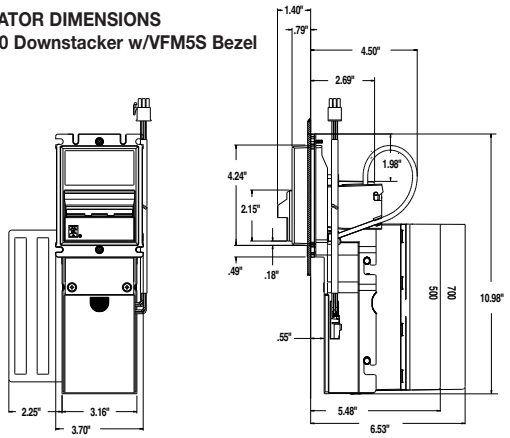


UPSTACKER

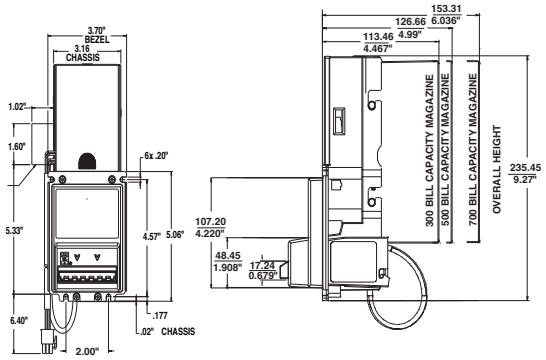


COMPACT DOWNSTACKER

VALIDATOR DIMENSIONS
AE2600 Downstacker w/VFM5S Bezel



VALIDATOR DIMENSIONS
AE2600 Upstacker w/Compact Fitted Bezel



CONFIGURATION KEY

Amusement and Entertainment

Bezel:
0 = VFM
1 = Compact
3 = VFM5S Downstacker
5 = Compact Fitted
8 = Compact Downstacker

AE 26 X X

Voltage:
1=110 VAC
2= 24 VAC/MBD

Stacker:
U = Upstacker
D = Downstacker

Magazine Size:
2 = 200 bills
3 = 300 bills
5 = 500 bills
7 = 700 bills
10 = 1,000 bills

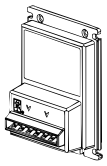
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Custom Configuration:
E= Single Price Harness
M= Includes MDB harness

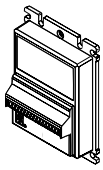
BEZEL OPTIONS:



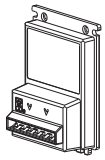
0 – VFM BEZEL



1 – COMPACT BEZEL



3 – VFM5S DOWNSTACKER BEZEL

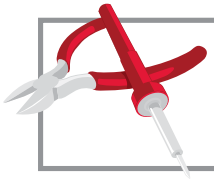


5 – COMPACT FITTED BEZEL



8 – COMPACT DOWNSTACKER

Part Number	Model	To Accept	Bill Capacity	Voltage
42-7376-00	AE-2601-U3E	$1, $2, $5, $10 & $20	300 Bills	110VAC
42-7377-00	AE-2601-U5E	$1, $2, $5, $10 & $20	500 Bills	110VAC
42-7378-00	AE-2601-U7E	$1, $2, $5, $10 & $20	700 Bills	110VAC
42-7379-00	AE-2602-U5E	$1, $2, $5, $10 & $20	500 Bills	24V
42-8160-00	AE-2611-U3E	$1, $2, $5, $10 & $20	300 Bills	110VAC
42-7310-00	AE-2611-U7E	$1, $2, $5, $10 & $20	700 Bills	110VAC
42-7312-00	AE-2651-U3E	$1, $2, $5, $10 & $20	300 Bills	110VAC
42-7311-00	AE-2651-U5E	$1, $2, $5, $10 & $20	500 Bills	110VAC
42-7382-00	AE-2631-D5E	$1, $2, $5, $10 & $20	500 Bills	110VAC
42-7383-00	AE-2631-D7E	$1, $2, $5, $10 & $20	700 Bills	110VAC
42-3427-00	AE-2632-D7E	$1, $2, $5, $10 & $20	700 Bills	110VAC
42-1347-00	AE-2681-D5E	$1, $2, $5, $10 & $20	500 Bills	110VAC



SUZO-HAPP IS AN AUTHORIZED MEI SERVICE CENTER
(See page 89)

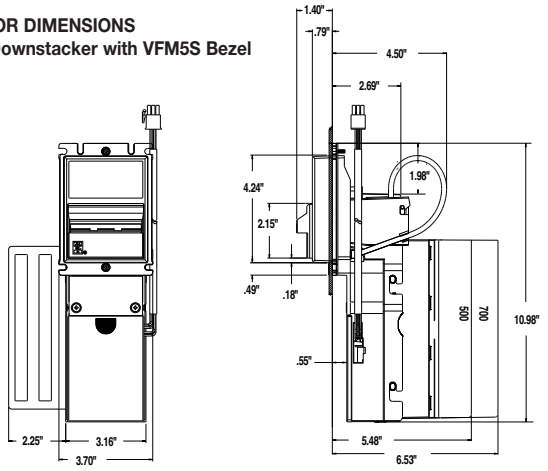
MEI BILL VALIDATORS-AE2800 SERIES

- **FEWER HASSLES, MORE TRANSACTIONS**
  Ultra low jam rates and easy acceptance make MEI's AE2800 a user friendly product – one your customers can count on. The unit handles $1, $2, $5, $10, $20, $50 and $100 bills for more transactions, improved customer satisfaction, and higher profits.
- **HIGH-END SECURITY & VALUE**
  Multi-wavelength optics and sophisticated data processing combine for exceptional security and value. Fully-encased, optical sensors ensure consistent, high-quality recognition – long a MEI hallmark.
- Due to easy four-way acceptance, customers do not need to flip or turn bulls prior to inserting them. The 2800 series takes torn, wrinkled, faded, and even dirty bills.
- Designed for low maintenance, the 2800's smooth, streamlined bill path has no magnetic pinch rollers to cause debris build-up. Service call for bill jams and vandalism are rare, and the validator signals users that it is operating correctly.
- Convenient access to switches and easy-to-read labels.
- Re-programmable flash memory enables quick, easy updates for software files such as new currency designs or value coupons.
- Acceptance rate: 95% or greater
- Lighted bezel
- Expandable upstacker or downstacker magazine
- 2 year warranty

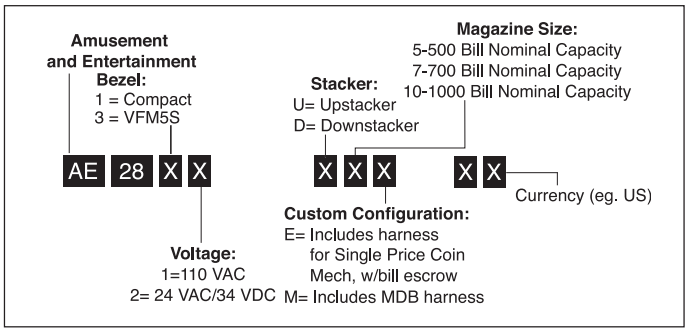


DOWNSTACKER UPSTACKER

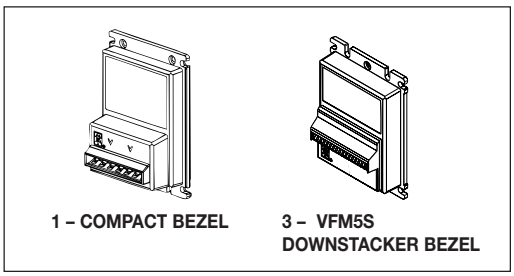
VALIDATOR DIMENSIONS
AE2800 Downstacker with VFM5S Bezel



CONFIGURATION KEY



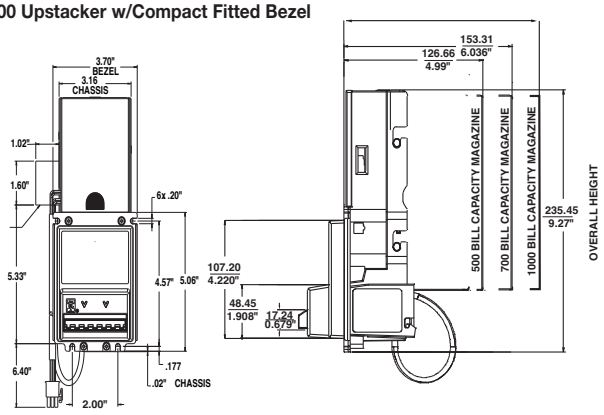
BEZEL OPTIONS:



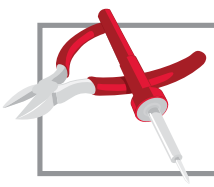
1 – COMPACT BEZEL

3 – VFM5S DOWNSTACKER BEZEL

VALIDATOR DIMENSIONS
AE2800 Upstacker w/Compact Fitted Bezel



Part Number	Model	To Accept	Bill Capacity	Voltage
42-0261-00	AE2811U5E	$1, $2, $5, $10, $50, $100	500 Bills	110V
42-0253-00	AE2812U10	$1, $2, $5, $10, $50, $100	1000 Bills	24V, MDB
42-0248-00	AE2831D5E	$1, $2, $5, $10, $50, $100	500 Bills	110V
42-0667-00	AE2831D7E	$1, $2, $5, $10, $50, $100	700 Bills	110V

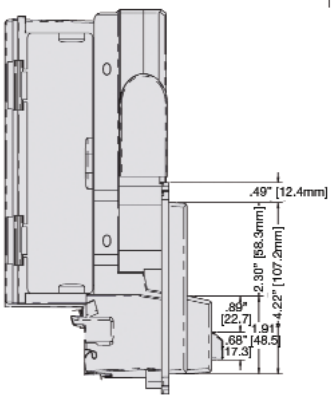


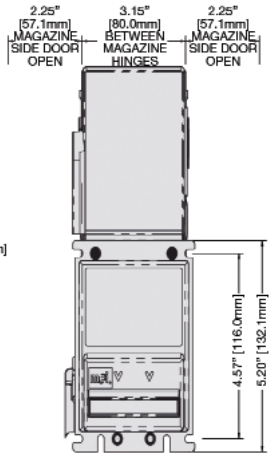
SUZO-HAPP IS AN AUTHORIZED MEI SERVICE CENTER
(See page 89)

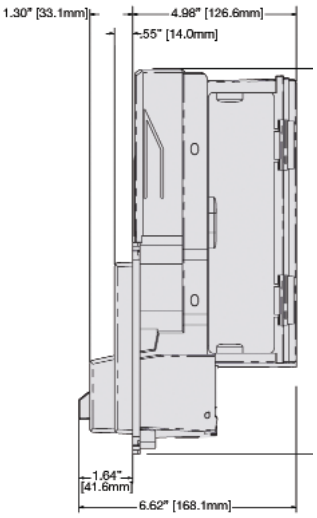
MEI CASHFLOW® VN2700 BILL VALIDATOR

New

- Validates $1, $2, $5, $10, $20
- Recycler ready – field upgradable with recycler module
- Uses series 2000 bill validator technology, the industry's best-selling product with over three million units sold
- Four-way acceptance (face up or down, either direction)
- 95% or greater acceptance rate
- Transaction speed approximately 4 seconds
- Interface: MDB
- Improved sensors and security
- Attract more attention with optional high-visibility bezel
- Upstacker validator
- 24 VAC / MDB
- 2 Year Warranty



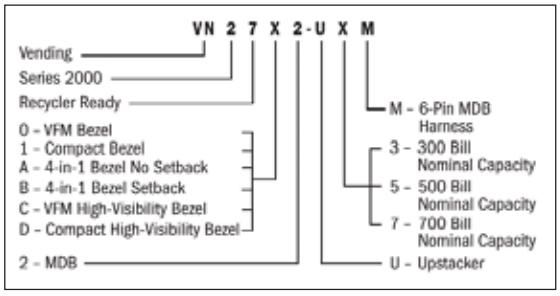






Shown with Optional HVB Bezel

CONFIGURATION KEY



Part Number	Model	Bill Capacity	Voltage	Bezel
42-17579-00	VN-2702-U3M	300 Bills	24vMDB	VFM
42-11782-00	VN-2702-U5M	500 Bills	24vMDB	VFM
42-17956-00	VN-2702-U7M	700 Bills	24vMDB	VFM
42-17767-00	VN-2712-U3M	300 Bills	24vMDB	Compact
42-14197-00	VN-2712-U5M	500 Bills	24vMDB	Compact
42-18146-00	VN-2712-U7M	700 Bills	24vMDB	Compact
42-12404-00	VN-27C2-U5M	500 Bills	24vMDB	HVB VFM
42-12247-00	VN-27D2-U5M	500 Bills	24vMDB	HVB Compact

MEI VNR RECYCLER MODULE

New

- VN2700 bill validator is field upgradable with recycler module
- Programmable recycler module holds up to 30 bills
- Accepts up to $20 bills
- Pays out $1 or $5 bills
- 98% + acceptance rate for U.S. $1-$20
- Compatible with any MDB coin mechanism



Part Number	Description
42-12881-00	MEI VNR Recycler Module

HI-VISIBILITY BEZEL FOR MEI VN2700 VALIDATORS

New

- Optional hi-visibility bezel strobes through a wide range of colors to attract attention
- Compact or VFM bezel available
- Displays denominations accepted



Part Number	Description
42-19702-00	Hi-Visibility Compact Bezel for VN2700 Validators
42-19901-00	Hi-Visibility VFM Bezel for VN2700 Validators

MEI CASHFLOW® SERIES 2000 VNR VENDING RECYLER

New

MEI and bill recycling; the winning combination for YOUR business

- Programmable recycler module hold up to 30 bills (either $1 or $5 bills)
- Series 2000 heritage of reliability
- Most accessible bill path
- Smallest footprint for increased retrofit potential
- Cash accountability with tamper-evident sensors
- Compatible with any MDB coin mech
- High-visibility bezel option (HVB)
  - Bright, low powered LEDs
  - Strobes through a wide range of colors
  - Enhances merchandising
  - Displays denominations
- Accepts up to $20s; Pays out $1 or $5 bills
- Compact design to ease field upgrade
- 2 Year Warranty



High Visibility bezel option strobes through a wide range of colors



Accepts up to $20's Pays out $1 or $5 bills



Options can be easily customized on location via a simple-to-use configuration coupon.

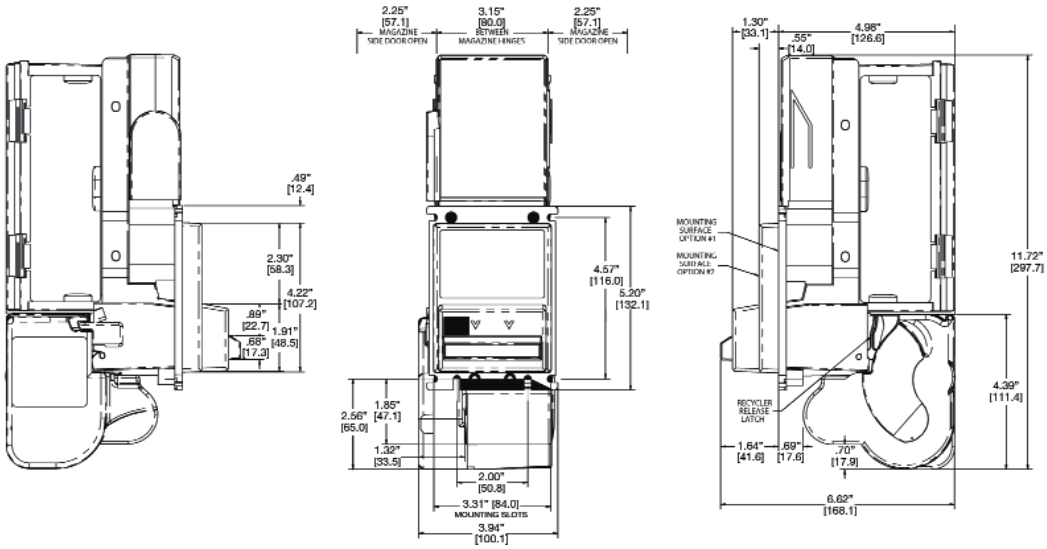


The MEI coupon program provides custom and generic coupons for free vends or dollar-value vends.



The fully encased, optical sensors ensure consistent, high-quality recognition, security and value.

VALIDATOR DIMENSIONS



Part Number	Model	Bill Capacity	Voltage	Bezel
42-14366-00	VN-2712R-U5M	500 Bills	24V MDB	Compact
42-14536-00	VN-2702R-U5M	500 Bills	24V MDB	VFM
42-13042-00	VN-27A2R-U5M	500 Bills	24V MDB	4-in-1Credit Card Bezel
42-18916-00	VN-27C2R-U5M	500 Bills	24V MDB	HVB VFM Style

MEI VN2500 TRANSITION CHART

This chart details the options available to transition from the VN2500 series validators

VN2500 SERIES	Discontinued Suzo-Happ No.	Bezel	Voltage	Description	MDB	NEW Suzo-Happ No.	VN or AE No.	$1-$5	$1-$20
VN2502U2E	42-1339-00	VFM	24V	MEI Validator $1, $2, $5 Accept Upstacker 200 CAP 24V AC	NO	**42-4279-00**	AE2602U3E		X
VN2502U3E	42-1340-00	VFM	24V	MEI Validator $1, $2, $5 Accept Upstacker $300 CAP 24V AC	NO	**42-4279-00**	AE2602U3E		X
VN2502U3M	VN2502U3M	VFM	24V	MEI Validator 24VT $5 300 Notes MDB	YES	**42-17579-00**	VN2702U3M		X
VN2502U5E	42-1341-00	VFM	24V	MEI Validator $1, $2, $5 Accept Upstacker $500 CAP 24V AC	NO	**42-7379-00**	AE2602U5E		X
VN2502U5M	42-4010-00	VFM	24V	MEI Validator CAP Upstacker, MDB Harness	YES	**42-11782-00**	VN2702 U5M		X
VN2502U7E	42-3249-00	VFM	24V	MEI Validator $1, $2, $5 Upstacker Vending	NO	**42-7380-00**	AE2602U7E		X
VN2512U5E	42-3245-00	COMPACT	24V	MEI Validator $1, $2, $5 Upstacker	NO	**42-3929-00**	AE2612U5E		X
VN2512U5M	42-0991-00	COMPACT	24V	MEI (24V)	YES	**42-18146-00**	VN2712 U5M		X
VN2512U7E	42-3698-00	COMPACT	24V	VALIDATOR-MEI $1, $2, $5 TOUCHTUNES JUKEBOX	NO	**42-3654-00**	AE2612U7E		X
VN2522U3M	VN2522u3m	FLUSH MOUNT	24V	Validator Mars 24VT $5 300 MDB	YES	**N/A**	*		
VN2521U3E	42-3242-00	FLUSH MOUNT	115V	MEI Validator $1, $2, $5 Upstacker Vending	NO	**N/A**	*		
VN2501U2E	42-1342-00	VFM	115V	MEI Validator $1, $2, $5 Accept Upstacker $200 CAP 115V AC	NO	**42-7376-00**	AE2601U3E		X
VN2501U3E	42-1343-00	VFM	115V	MEI Validator $1, $2, $5 Accept Upstacker 300 CAP 115VAC	NO	**42-7376-00**	AE2601U3E		X
VN2501U5E	42-1344-00	VFM	115V	MEI Validator $1, $2, $5 Accept Upstacker $500 CAP 115V AC	NO	**42-7377-00**	AE2601U5E		X
VN2501U7E	42-3127-00	VFM	115V	MEI Validator $1, $2, $5 Accept Upstacker $700 CAP 115V AC	NO	**42-7378-00**	AE2601U7E		X
VN2511U2E	42-2007-00	COMPACT	115V	MEI Validator $1, $2, $5 Accept Upstacker $200 CAP	NO	**42-1155-01**	AE2411U3E	X	
VN2511U3E	42-2036-00	COMPACT	115V	MEI Validator $1, $2, $5 Accept Upstacker $300 CAP 115VAC	NO	**42-1155-01**	AE2411U3E	X	
VN2511U5E	42-3248-00	COMPACT	115V	MEI Validator $1, $2, $5 Accept Upstacker	NO	**42-7434-00**	AE2411U5E	X	
VN2511U7E	42-7230-00	COMPACT	115V	MEI Validator $1, $2, $5 Accept Upstacker 700 CAP	NO	**42-2054-10**	AE2411U7E	X	



MEI CASHFLOW™ SERIES 7000 CHANGER



The First Coin Manager Ever Made!

MEI CASHFLOW™ SERIES 7000 IS SMART

- Advanced features make the par process simpler, faster and more accurate.
- Design allows complete coin path access without tools
- LED display and Smart menu provides front-line at-machine diagnostics.
- Industry's only five-tube changer with complete tube replenishment.
- Sonar technology "reads" the amount of change in each tube and displays tube total in real-time.
- Last-month statistics report the value of lost sales, tubes replenished, account for cash and more.
- Plus, it's really easy to use.

MAXIMIZE YOUR SALES

- Virtually eliminates exact change situations
- Provides change for high-value bills—$5, $10 & $20 bills
- Provides true price flexibility so you can out-negotiate your competitors
- Less downtime
- Meets MEI Gold Standard for water-resistance and jam-resistance
- Smart menu and LED display provide diagnostics to enable drivers to resolve most matters on-site and minimize service calls

MINIMIZE YOUR COSTS

- Accounts for all money, even cash in tubes
- Provides easy paring by dispensing surplus coins and identifying replenishment needs
- Coin path design allows drivers to remove debris without tools or service calls
- Intuitive design and Smart menu system simplifies training
- Optimizes change combinations
- Provides information to ensure drivers are accountable for cash
- Drivers can swap individual tubes without changing the cassette



Display Screen

IT DOES EVERYTHING BUT WALK TO YOUR OFFICE AND DELIVER THE CASH

MEI CASHFLOW™ series 7000 actually does the work for you—so you don't have to worry!
Coupled with MEI's proven reliability, it's an exceptional product that requires less service and decreases downtime

MANAGES COIN INVENTORY

- Industry's only active five-tube changer with complete tube replenishment
- Proprietary sonar technology detects change amounts in each tube in real-time and displays it on the LCD
- It automatically displays how many coins you've added. No more tracking and counting yourself
- Float mode—optimizes the amount of money kept in the machine so you don't have cash tied up unnecessarily

OPTIMIZES PAYOUT

- Minimizes exact-change situations.
- Alerts the operator of best tube configuration and recommends modifications when beneficial
- Accounts for all money—bills stacked, coins to cash box and coins in each tube
- Sonar capability reflects changes in cash levels during each driver call
- Gives you accurate audit data of cash in the machine

EASY TO LEARN

- Smart menu is available in eight languages and enables drivers to become skilled users in no time
- LCD display reveals information
- Features an intuitive design

EASY TO USE

- Built-in self-diagnostics walk you step-by-step through issues
- Troubleshooting aids
- Field-configurable tubes
- Rugged design allows for complete coin path access so drivers can clear debris without tools or service calls
- Fully accessible coin storage
- Coin fills are easy with the free-standing cassette
- Built-in hook for an additional coin fill option
- Programmable option allows operators to "par" tubes to any level, or allow the unit to determine the optimal par level for you

Part Number	Description
42-0369-00	MEI Cashflow Series 7000 Changer

Other Models Available Upon Request

MEI NEXGEN 2008 $5 Bill BPM UPGRADE FOR SERIES 2000



250077067P1
24V VERSION



250077068P1
110V VERSION

- On March 13th, 2008 U.S. Federal Reserve Banks began distributing a new NEXGEN 2008 $5.00 bill
- Order upgrades now from Suzo-Happ and make sure your MEI bill validators are ready
- Upgrades are done either using a Standard or Lite version of the MEI Bill Programming Module (BPM)
- Works with all MEI Series 2000 FlashPort bill validators
- All new BPMs (both Standard or Lite) purchased come with unlimited downloads
- Two types available, one for 24V and 110V
- Includes Free "MEI $5 Ready 2008" update decal (specify quantity at time of ordering)

Part Number	Description
250077067P1	MEI Series 2000 BPM Lite for 24V units
250075068P1	MEI Series 2000 BPM Lite for 110V units
42-0752-00	MEI 2008 $5 Ready Decal

MEI BPM HARNESS ADAPTOR FOR TOUCHTUNES



- Can be used with both MEI Standard and Lite BPMs
- For use with MEI VN series validators that are installed in TouchTunes jukeboxes

Part Number	Description
49-2863-00	MEI BPM Harness Adaptor for TouchTunes Jukeboxes

MEI NEXGEN 2008 $5 BILL REPROGRAMMING UPGRADES

- In Early 2008 U.S. Federal Reserve Banks began distributing the new $5 note through commercial banks to the U.S. public
- Order your upgrades now from Suzo-Happ and make sure your MEI Validators accept the new bills
- Upgrades are done using MEI BPM's (Bill Programming Module)
- Update your MEI Series 2600, 2800 and LE3800/3900 validators
- BPM's flash download the new software directly to the bill validator via the included interconnect cable
- A $149.00 refundable BPM deposit is required for each series of validator software (must be returned within 60 days to receive credit)
- Once all credits have been programmed, call Suzo-Happ for an RMA number to return your BPM and receive your deposit credit
- No refunds will be given for any unused updates
- All BPM Kits include programmed credits purchased and interconnect cable



AE2600/2800 BPM



LE3800/3900 BPM



Part Number	Description
AE2600/2800 SERIES	
BPM10-AE2000-05	AE2600/2800 BPM with 5 Credits
BPM10-AE2000-10	AE2600/2800 BPM with 10 Credits
BPM10-AE2000-15	AE2600/2800 BPM with 15 Credits
BPM10-AE2000-20	AE2600/2800 BPM with 20 Credits
BPM10-AE2000-25	AE2600/2800 BPM with 25 Credits
BPM10-AE2000-50	AE2600/2800 BPM with 50 Credits
BPM10-AE2000-100	AE2600/2800 BPM with 100 Credits
BPM10-AE2000-150	AE2600/2800 BPM with 150 Credits
BPM10-AE2000-200	AE2600/2800 BPM with 200 Credits
BPM10 AE2000-250	AE2600/2800 BPM with 250 Credits
BPM-Deposit	Deposit for BPM (Credit will be applied if returned within 60-days)

Part Number	Description
LE3800/3900 SERIES	
BPM10-LE3000-10	LE3800/3900 BPM with 10 Credits
BPM10-LE3000-15	LE3800/3900 BPM with 15 Credits
BPM10-LE3000-20	LE3800/3900 BPM with 20 Credits
BPM10-LE3000-25	LE3800/3900 BPM with 25 Credits
BPM10-LE3000-50	LE3800/3900 BPM with 50 Credits
BPM10-LE3000-100	LE3800/3900 BPM with 100 Credits
BPM10-LE3000-150	LE3800/3900 BPM with 150 Credits
BPM10-LE3000-200	LE3800/3900 BPM with 200 Credits
BPM-Deposit	Deposit for BPM (Credit will be applied if returned within 60-days)

MEI ENHANCED WARRANTY



- Affordable 5 or 7 year Enhanced Warranty for Vending and Amusement for Series VN2000, Series AE2000 and CF7512 models
- Extends the duration of the standard 2-year warranty by either 3 years or 5 years depending on which option is selected, providing a total 5 or 7 year warranty duration
- Expands the standard 2-year vending warranty by covering everything in that warranty plus software upgrades that are available during the warranty
- Provides that the product shall be free of defects in workmanship and materials
- Includes currency software update credits (does not include the BPM and CPM hardware)
- Warranty fulfillment available at any MEI Authorized Service Bureau
- Fully backed by MEI
- The Enhanced Warranty must be purchased when the product is purchased
- No conversion from a 5-year to a 7-year warranty is permitted, and is non-transferable
- As with the standard warranty, the enhanced warranty does not include the following: damages, caused by you or any third party's act, default or misuses of the product or by failure to follow any instructions supplies with the product including but, not limited to, misuse of the product of through vandalism, fraudulent act, or any other kind of malicious interference
- Full terms are spelled out in the MEI Enhanced Limited Warranty

Part Number	Description
42-CF7512-EW7	Extended Warranty - 7 Year, MEI CF7512 Product
42-CF7512-EW5	Extended Warranty - 5 Year, MEI CF7512 Product
42-VN2000-EW7	Extended Warranty - 7 Year, MEI VN2000 Product
42-VN2000-EW5	Extended Warranty - 5 Year, MEI VN2000 Product
42-AE2000-EW7	Extended Warranty - 7 Year, MEI AE2000 Product
42-AE2000-EW5	Extended Warranty - 5 Year, MEI AE2000 Product

MEI AE SERIES 2000 METER ADD ON KIT



- Easy method to add the ability to count the number of bills accepted by the MEI bill validator
- Simply plug into 18-Pin plug on the side of MEI validator and connect to +5vdc power and ground
- Meter will increment by one with each credit pulse the validator sends out
- Includes 7 digit +5vdc meter, front mounting screws, harness and connectors

Part Number	Description
42-1542-00	MEI AE Series 2000 Meter add on kit

MEI COMPACT DOWNSTACKER CONVERSION KIT

New



- Converts MEI VFM style Downstacker (AE2X3X) bill validator into a Compact Downstacker (AE2X8X)
- Ideal for use when wanting to convert your older MEI AE validator for use with the Incredible Technologies high security door
- Kit Includes:
  1 – Compact Downstacker Bezel
  1 – Coin Resistant Insert for Bezel
  1 – Mounting Plate
  4 – Screws #6-32 .500
  2 – Screws #2-28
  1 – Compact Downstacker Label Set

Part Number	Description
250066262	MEI Compact Downstacker Conversion Kit

12V 12AH BATTERY FOR POOL TABLES

New



- Replace your old batteries before they affect your earnings
- Your battery has to be in good condition to have good collections
- Used on Valley Great 8 pool tables
- The recommended charge is 16 to 24 hours
- In a typical application, a battery will last two to three weeks between charges
- 12 amp hour battery
- Size: 5.94" L x 3.90" W x 4.02" H

See Page 58 for Battery Charger

Part Number	Description
26-2121-00	12V 12 amp hour Battery for Pool Tables

12V 18AH BATTERY FOR POOL TABLES

New



- Replace your old batteries before they affect your earnings
- Your battery has to be in good condition to have good collections
- Used on Valley Great 8 pool tables
- The recommended charge is 16 to 24 hours
- 18 amp hour battery
- Size: 7.13" L x 2.99" W x 6.57" H

See Page 58 for Battery Charger

Part Number	Description
26-1218-00	12V 18 amp hour Battery for Pool Tables

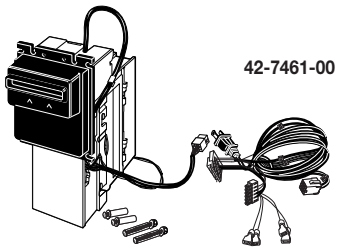
MEI BILL VALIDATOR UPGRADE KITS FOR ROWE® JUKEBOXES

- Upgrade your Rowe jukebox to accept a reliable MEI Series 2000 Bill Validator
- Reduce service calls and save time and money
- MEI validator will easily update to the new $5 bill via EPROM change
- "Clean and Easy" installation without any "Splicing" of wires
- No reprogramming of jukebox required
- Installation time approximately 30 minutes
- Accepts $1, $2, & $5 bills
- Kits come complete with the following items:
  - MEI AE-2411-U7E validator (700 bill capacity upstacker)
  - Custom Wire Harness
  - Mounting Hardware
  - Instructions

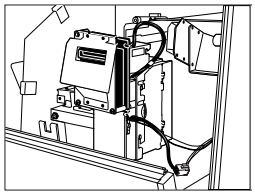
Less JAM, more dough.

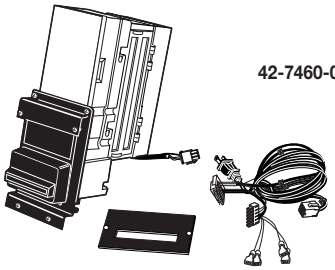
mei®

INNOVATIVE SUZO HAPP PRODUCT

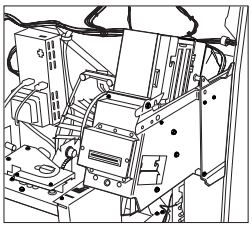


42-7461-00





42-7460-00



Part Number	Description
42-7461-00	For OBA Validators, Jukebox Rowe® 100, 100A and 100B
42-7460-00	For CBA2 Validators, Rowe® Jukebox 100C, D, E, F, MM3*, Encore*, Storm*, Berkley*, Sunset*

MEI BILL VALIDATOR ACCESSORIES

Part Number	MEI Part No.	Description
AE & VN SERIES ACCESSORIES		
250011049	250011049	Bezel Assy For Down Stacker
250021015	250021015	Timing Belt, Large for MEI Series 2000
250023014	250023014	Timing Belt, Small for MEI Series 2000
250025018	250025018	Blue Magazine Clip for MEI Series 2000
250044003	250044003	Spring f/Blue Magazine Clip f/MEI Series 2000
250055026	250055026	Label Set for VN Series Validators
250057025	250057025	Yellow Label Set $1, $2, $5 f/VN2000 Series
250059046P	250059046P	Label Set for AE 2600 Validators
250-061-016	250061016	300 Bill Capacity Magazine for AE & VN Upstacker Validators
250062068	250062068	700 Bill Magazine For AE Enhanced Version with Hook Plate
250-063-015	250063015	200 Bill Capacity Magazine for AE & VN Upstacker Validators
250064028	250064028	Stacker Motor For 2000 Series
250064084	250064084	500 Bill Magazine Downstacker Enhanced Version
250067013	250067013	MEI Bezel Kit For Series 2000
42-3141-00	250070006	MEI Power Harness for Series 2000 Validators
42-3200-00	Mounting Kit for MEI Series 2000 Upstacker with either Compact Bezel (Bezel Option #1) or Compact Fitted Bezel (Bezel opton #5)	
42-3297-00	250066027	MEI Blue Plastic Locking Hasp Kit for Series 2000 VN & AE Magazine (2 Per Box)
42-3391-00	250079049	RS232 Interface Cable for AE 2600 Series
42-7112-00	Suzo-Happ metal locking hasp for MEI AE & VN Series 2000 with Compact Bezel (Bezel option Number 1) or Fitted Bezel (Bezel option 5)	
42-7224-00	250071009	MDB Harness, 24v f/VN23 & VN 25 Validators
42-7384-00	Bezel Modification Kit for Series 2000 Validator to allow Validator to fit into Suzo-Happ Validator Door	



42-7000-00



42-3200-00



250057025



42-7384-00



250011049



42-7112-00

Part Number	MEI Part No.	Description
AL, GL & VFM SERIES ACCESSORIES		
01-12-192	01-12-192	MEI AC cable assembly 110v for AL, GL, LE & VFM Validators
111510329	111510329	MEI drive tire assembly wheel and tire for VFM, AL & GL
250020100	250020100	MEI Adapter, VFM Bezel
250038030	250038030	Mounting Plate
42-3221-00	111512328	MEI Coin Resistant Bezel for AL & GL Validators
42-7000-00	Suzo-Happ Mounting Kit for MEI AL, GL, LE (Stackerless, Upstacker & Downstacker) and Series 2000 Downstacker with VFM5S Downstacker Bezel (Bezel Option #3)	
MISCELLANEOUS ACCESSORIES		
42-3134-00	112511042	MEI Harnesses, 110 v
42-7057-00	01-12-139	MEI Harness, 2 Wire Line Cord & Credits with Plug

CONTROL BOARD UPGRADE WITH EXPANDED CAPABILITIES FOR MEI AE2600 BILL VALIDATORS



This new control board upgrade adds new features to existing AE2600

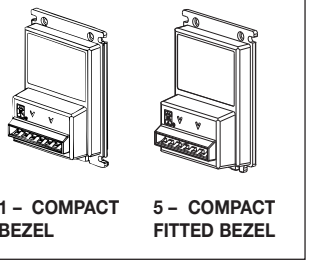
- Software programmed to take NexGen $20
- Ability to accept MEI custom coupons used for refunds, promotions, etc.
- Additional memory to accept future upgrades, $5 & $10 is under redesign evaluation (the memory on current AE2600 is near capacity)
- Hard reset capability
- Available for either 115v or 24v MEI AE2600 validators

Part Number	Description
42-0740-00	Control Board Upgrade – 24v
42-0741-00	Control Board Upgrade – 115v

CUSTOM HASP ASSEMBLY FOR MEI VALIDATORS

- Custom designed for MEI AE & VN 2000 series validators
- Will only work with the compact bezel (Bezel option #1) or fitted bezel (Bezel option #5)
- Accommodates padlocks with 3/8" shackle





1 – COMPACT BEZEL **5 – COMPACT FITTED BEZEL**

Part Number	Description
42-7112-00	Custom Hasp for MEI Validators

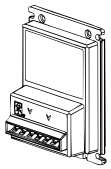
VALIDATOR MOUNTING KITS - MEI



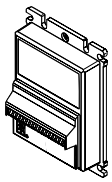


42-3200-00 **42-7000-00**

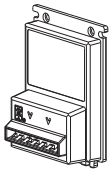
- Kit includes the necessary items required to mount bill validator to either wood or steel
- Kit includes: Bright yellow decal with black printing, Mounting Plate with Pem Studs, Power Cable with Plug, 3 Tie Wraps, Spacers, Washers, and Nuts with Keps
- For use on either Stackerless, Upstacker, or Downstacker applications as noted



1 – COMPACT BEZEL



3 – VFM5S DOWNSTACKER BEZEL



5 – COMPACT FITTED BEZEL

Part Number	Description
42-3200-00	Suzo-Happ Mounting Kit for MEI Series 2000 Upstacker with either Contact Bezel (Bezel option #1) or Compact Fitted Bezel (Bezel option #5)
42-7000-00	Suzo-Happ Mounting Kit for MEI AL, GL, LE (Stackless, Upstacker & Downstacker) and Series 2000 Downstacker with VFM5S Downstacking Bezel (Bezel Option #3)

MEI 1000 BILL CAPACITY MAGAZINE

- Holds 1,000 bills
- Fits Series 2000 Validators
- Bill access doors on both sides of magazine
- Made of durable high impact plastic
- New anti-stringing cutter installed
- Depth: 6-11/16"



Part Number	Description
250060086	MEI 1,000 Bill Capacity Magazine

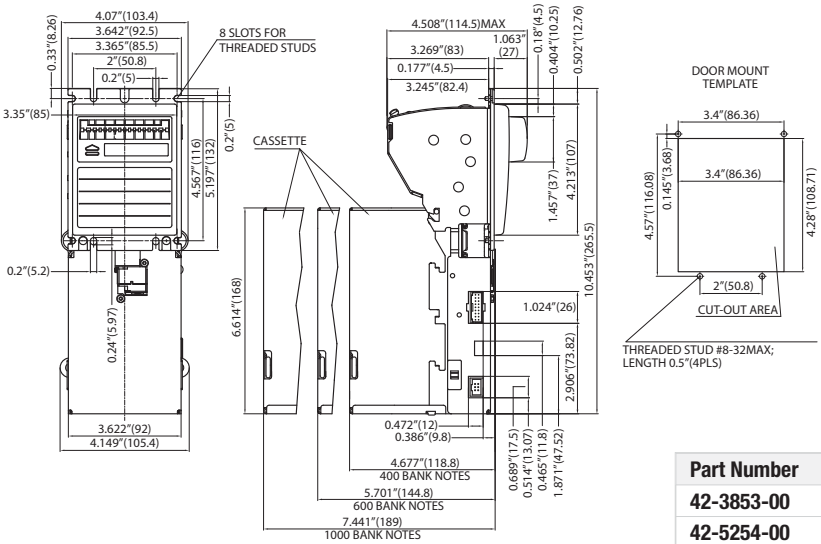
CASHCODE VALIDATORS AND CASSETTES

CashCode, a division of Crane Payment Solutions, manufactures the most reliable, durable, secure and technologically advanced bill validators for the Amusement/Vending industry. Designed for both domestic and international currency validation, CashCode has a Validator that is perfect for your application. Buy a CashCode today and feel confident that your money is safe and sound.

- Fixed and Multi-width validation (67mm or 71mm or 62-78mm)
- Fastest validation on the market (1.7 sec.)
- Advanced optical, inductive and dielectric sensors for maximum acceptance and rejection of fakes
- No calibration/waffle sheets required
- 400, 600, 1000 and 1500 capacity cassettes - available in non-locking, single or dual locks
- Tool-Free access to bill path way
- Up or downstacking
- 2 year warranty
- BlueChip™ sim card for quick and easy software update
- 4 way acceptance
- Coupon capable
- Decals included in box
- 36" wiring harness included in box



VALIDATOR DIMENSIONS



CashCode®

Part Number	CashCode Number	Voltage	To Accept
42-3853-00	SM-2005US7036	12V	$1, $5, $10, $20, $50, $100
42-5254-00	SM-2017US8724	24V	$1, $5, $10, $20, $50, $100

LOCKABLE REMOVABLE CASSETTES (LRC)



Part Number	CashCode Number	Description	Width	Bill Capacity
42-6958-00	CST400-67	Lockable Removable Cassette (LRC)	67mm	400 Bills
42-6959-00	CST600-67	Lockable Removable Cassette (LRC)	67mm	600 Bills
42-6960-00	CST1K067-COL	Lockable Removable Cassette (LRC)	67mm	1,000 Bills
42-0301-00	CST1K567-POC-S	Lockable Removable Cassette (LRC)	67mm	1,500 Bills
42-8094-00	CST-600-67-GOL-2	Gaming Lockable Removable Cassette (LRC)	67mm	600 Bills
42-6998-00	CST400-71	Lockable Removable Cassette (LRC) (CAN)	71mm	400 Bills
42-3289-00	CST600-71	Lockable Removable Cassette (LRC) (CAN)	71mm	600 Bills
42-3231-00	CND-VAULT-1000	Lockable Removable Cassette (LRC) (CAN)	71mm	1,000 Bills
42-2046-00	USA-CC001	Lock Mounting Kit to prevent removal of stacker from acceptor		
Note: 67mm Width bills for USA Currency, 71mm Width bills for Canada Currency				

CST-XXXYY-PZL
Capacity Bill Width # of Locks

Cassette Part Numbering System				
XXX = Capacity		**YY = Bill Width**	**Z = Number of Locks**	
400 = 400	1K0 = 1000	67 = USA & Mexico	P0L = No Locks	P2L = 2 Locks
600 = 600	1K5 = 5000	71 = Canada	P1L = 1 Lock	

CASHCODE BACKLOAD VALIDATOR

A new flexible approach to your payment solution needs. CashCode's BackLoad series bill validators are the most versatile, reliable, high-performance bill validators on the market.

CashCode®

FEATURES

- Superior acceptance and security
- Four-way bill insertion
- Complete transport cycle at only 1.7 seconds
- Installs in an up or down stacking configuration
- Advanced auto-calibrating optical, inductive and dielectric sensors optimize validation rates
- Beltless transport system lowers maintenance costs
- Secure lockable-removable cassettes available in multiple capacities
- Anti-stringing protection
- Tool-free, one-step, easy service access
- Accepts $1, $5, $10, $20, $50 & $100 bills

CONVENIENCE FOR YOU AND YOUR CUSTOMERS

- Highest first pass acceptance 96+%
- Locking cash vault option for loss prevention
- High impact resistant cash vault
- Durable, metal chassis
- Remote upgradeability using CCNet protocol
- Quick and easy diagnostics via LED indicator



CashCode's BackLoad Validator is the perfect solution for multi-country currency validation. The BackLoad is typically front door mounted in the host machine. Offering either stacker up or stacker down mounting configurations, the BackLoad is ideal for Vending, Amusement and Parking applications and even comes in a solar power optimized version.

Selecting the right interface for your 12V or 24V application is made easy with the flick of a switch. And you can choose a unique coin/vandal-resistant metal bezel or a standard bezel—both include built-in self diagnostic flash code indicators. Our auto-calibrating/auto-tuning feature, ensures every time a bill is inserted, the BackLoad self-calibrates and self-tunes, eliminating the need for optical adjustments and calibration papers.

Advanced Sensor Technology. The BackLoad bill validator is designed to provide maximum authentic currency validation. Multi-color optic sensors simultaneously scan both sides of the bill for optimal pattern recognition. A patented, non-contact inductive sensor maximizes counterfeit detection; and a scientifically developed dielectric sensor detects paper density, security threads and watermarks. The result? A validation rate of 96% or greater on first bill insertion—just what you'd expect from the industry leader in patented bill validation technology.

VERSATILITY

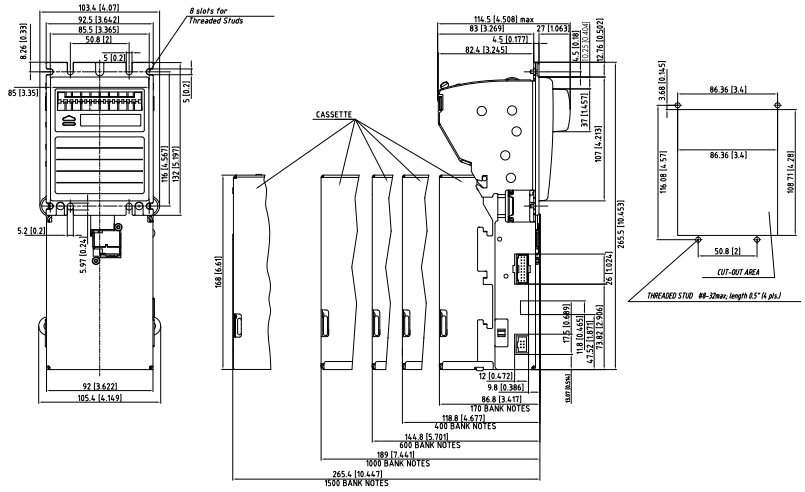
Ideal for door-mounted applications, the BackLoad bill validator installs in an up or down stacking configuration, and is available with coated circuit boards for "salting" protection.

BLUE CHIP

Validation software updates are now quick and easy with CashCode's BlueChip smart-stick memory that updates software and/or firmware in a flash.

LOCKABLE-REMOVABLE CASSETTES

Designed to protect your bottom-line, our high-security, lockable-removable metal cassettes are sold separately, and can be equipped with up to three custom locks.



Part Number	CashCode Number	Voltage
42-3853-00	SM-2005US7036	12V Vertical
42-3939-00	SM-2017US8724	24V Vertical
42-3935-00	SM-2505US7036	12V Horizontal

SPECIFICATIONS	
Bill Width Validated	67 or 71 mm wide (fixed-width) 62 - 78 mm wide (multi-width)
Complete Transport Cycle	1.7 sec (fixed-width) 2.5 sec (multi-width)
Bill Insertion	Four-way
Validation Rate	96% or higher
Escrow	One bill
Sensors	Auto-calibrating multi-color optical, dielectric, inductive, and barcode reader
Security Sensors	Cross-channel (anti-stringing) and dual-entry
Bezel Options	Standard, Running lights, coin/vandal-resistant metal bezel
Interfaces Supported	12V: pulse, serial or bi-directional (with TTL or RS232)
Protocols	24V: MDB, single price*, CCNet, CashCode serial, MDB, pulse, and most other industry protocols
Firmware Updates	BlueChip Smart-Stick memory or downloadable
Operating Voltage	2V DC: 2.0 A; 24V AC or 15-42.5 V DC: 1.0 A / Sleep mode version-10 A vs 100 – 200 mA in normal operation
Operating Temperature	12V: 0° C to 50° C; 24V: -18° C to 60° C
Validation M.T.B.F.	750,000 cycles
Dimensions (W x H x D)	104 x 266 x 87mm; Weight < 1.2 kg
Cassette Sizes Available	400, 600 or 1500 (fixed-width); 150, 300 (horizontal); 300, 600, 1000 (multi-width)
Cassette Options	Standard: up to two custom locks High-security Gaming: up to three custom locks
Manufactured in	Canada
Warranty	Two years

CASHCODE STACKERLESS VALIDATOR

Compact, hard working, low maintenance. A perfect fit for applications where speed and reliability mean everything to your bottom line.



FEATURES

- Superior acceptance and security
- Cassetteless operation
- Four-way bill insertion
- 62 to 77 mm or fixed-width bill validation
- Complete transport cycle at only 1.6 seconds
- Advanced auto-calibrating optical, inductive and dielectric sensors
- optimize validation rates
- Anti-stringing protection
- Tool-free, one-step, easy service access
- Accepts $1, $5, $10, $20, $50 & $100 bills

CONVENIENCE FOR YOU AND YOUR CUSTOMERS

- Validation rate of 96% or greater on first bill insertion
- Durable, metal chassis
- Remote upgradeability using CCNet protocol
- Beltless transport system lowers maintenance costs
- Quick and easy diagnostics via LED indicator

Low Cost of Ownership, It's true! The Stackerless bill validator is built to hold up to your application's most demanding conditions, with unparalleled reliability. Every time a bill is inserted, the Stackerless self-calibrates, eliminating the need for optical adjustments. Plus, we make access to the bill path as easy as a push of a button. No tools required. Just more examples of how our innovation can lower your ownership costs!

The Stackerless is ideal for any application requiring less cash security or where the customer designs and uses their own cash collecting vault. Vending, Transportation and Amusement are just some of the markets where you'll find the Stackerless bill validator.

Improved Performance. Fixed-width or multi-width – it's up to you! Choose fixed-with validation.
Or move up to the flexibility of our multi-width option – the perfect solution for multi-width and multi-currency validation, 62 – 77 mm wide. Unlike competitive products that use graduated bill paths, the Stackerless multi-width bill validator uses patented self-centering transport guides that automatically adjust to, and perfectly align bills even of different widths—even when fed at an angle. A complete cycle takes only 1.6 seconds.

Beltless design reduces maintenance. Our patented and innovative currency transport design improves performance and greatly reduces long-term maintenance costs.

ADVANCED SENSOR TECHNOLOGY

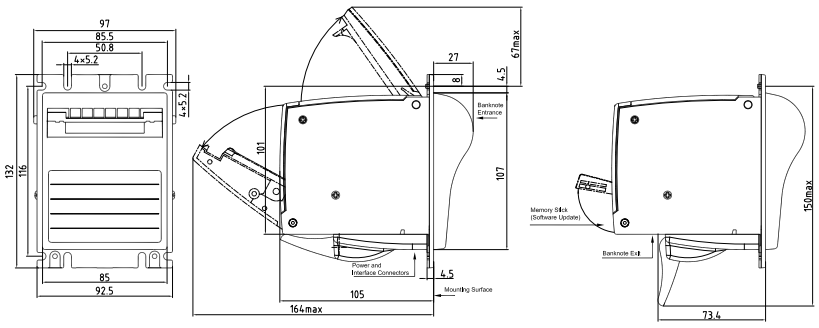
Our latest technological advancements have resulted in the industry's highest validation rates. The Stackerless bill validator is designed to provide maximum authentic currency validation. Multi-color optic sensors simultaneously scan both sides of the bill for optimal pattern recognition. A patented, non-contact inductive sensor maximizes counterfeit detection; and a scientifically developed dielectric sensor detects paper density, security threads and watermarks. The result? A validation rate of 96% or greater on first bill insertion—just what you'd expectfrom the industry leader in patented bill validation technology.

BLUE CHIP

Validation software updates are now quick and easy with CashCode's BlueChip smart-stick memory that updates software and/or firmware in a flash.

ANTI-STRINGING PROTECTION

CashCode's patented anti-stringing protection is the best way to secure your investment. All Stackerless bill validators are designed with cross-channel sensors, that specifically detect any materials being used for stringing.
It's the best protection your money can buy.



Part Number	CashCode Number	Voltage
42-0281-00	VUR1014US7714	12V

SPECIFICATIONS	
Validation Rate	96% or higher
Banknote Insertion	Four-way
Banknote Width Validated	67 or 71 mm wide (fixed-width) 62 - 77 mm wide (multi-width)
Escrow	One banknote
Sensors	Auto-calibrating milti-color optical dielectric & inductive
Security Sensors	Cross-channel (anti-stringing) and dual entry
Bezel Options	Coin/vandal-resistant metal bezel; multi-width bezel; mini-bezel; and standard bezel
Protocols	CCNET, CashCode serial, MDB, pulse, and most other industry protocols supported Interfaces Supported Serial, pulse, parallel-pulse or bi-directional (with open collector,opto-isolated or RS232)
Program Memory	Flash memory with Smart-Stick
Operating Voltage	10V DC to 14V DC
Operating Temperature	0°C to 50°C
Current Requirements	0.6A DC
Validation M.T.B.F.	1.5 million cycles
Complete Transport Cycle	< 1.6 sec
Dimensions (W x H x D)	97 x 132 x 132 mm (closed); 97 x 217 x 191 (open); Weight 1kg
Manufactured in	Canada
Warranty	Two years


L70
Bill Acceptor
GP-58CR
Thermal Printer
iCT
TAO
Bill Acceptor
PA7
Bill Acceptor
TAO Light
Bill Acceptor
bending the rules!
iCT
International Currency Technologies
For more information or to place an order,
contact Suzo-Happ at 888-289-4277 or online at
www.suzohapp.com

CASHCODE ACCESSORIES

30-2223-HXX



42-2049-00



42-2052-00



CashCode®

Part Number	Cashcode No.	Description
42-2049-00	AMZXXX-12-06	Harness DC Power 6 Pin (OPT-HS-12V-O6P)
42-2052-00	AMZXXX-PUL-18	Connector Pulse 18 Pin (OPT-HS-JC18)
42-3530-10	-	Mounting Kit for Cash Code Black Plastic Rivet for Lock (Pkg of 10)
42-7002-00	-	Suzo-Happ Mounting Kit for CashCode ALL Stackerless Series
42-6958-00	AMZCST400-67	LRC for Amazing Series Bill Validator 400 Bill Capacity, 67mm width
42-6959-00	AMZCST600-67	LRC for Amazing Series Bill Validator 600 Bill C.apacity, 67mm width
42-2046-00	AMZUSA-CC001	Lock Mounting Kit to prevent removal of stacker from validator
30-2223-H01	-	Lock for CashCode LRC, House Key H01
30-2223-H02	-	Lock for CashCode LRC, House Key H02
30-2223-H03	-	Lock for CashCode LRC, House Key H03
30-2223-H04	-	Lock for CashCode LRC, House Key H04
30-2223-H05	-	Lock for CashCode LRC, House Key H05
30-2223-H06	-	Lock for CashCode LRC, House Key H06
30-2223-H10	-	Lock for CashCode LRC, House Key H10

VALIDATOR MOUNTING KIT - CASHCODE

- Kit includes the necessary items required to mount bill validator to either wood or steel: Bright yellow decal with black printing, Mounting Plate with Pem Studs, 3 Tie Wraps, Spacers, Washers, and Nuts with Keps
- For use on either Stackerless, Upstacker, or Downstacker applications as noted



42-7002-00

CashCode®

Part Number	Description
42-7002-00	Mounting Kit for CashCode Stackerless (Upstacker & Downstacker)

ICT LOW POWER CONSUMPTION VALIDATORS - S6 SERIES

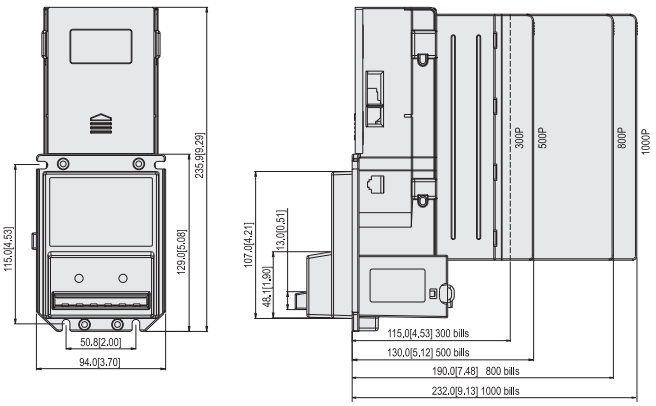


26-2121-00



- Can be powered for 90 days from a 12vdc motorcycle battery
- Power saving mode after idle for 10 seconds
- Accepts US $1, $5, $10, & $20 bills
- Bills can be inserted 4-ways
- Accepts new currency
- High Acceptance rate: 96% or better
- Fast validation time of 3 seconds (including bill stacking)
- 300, 500 or 800 bill capacity upstacker models available
- Optic sensors read both sides of the bill for added security
- Auto self-adjusting sensor system
- Re-programmable flash ROM
- Easily accessible dip switches
- Lighted bezel makes bill insertion easy
- Bill path is easily accessible by pressing two buttons
- Complete with mounting hardware, decals, and power cord
- All standard bezel validators come with mounting kit
- Easy installation and low maintenance
- Great for use on pool tables or other mechanical machines
- Handy 8-pin RJ-45 connector on the side of the bill validator for downloading programs and updating validation software
- Two year warranty

VALIDATOR DIMENSIONS



Part Number	Model	Capacity	Bezel	Accepts
42-0290-00	S6-25FOP-USD4	500	Fitted	$1, 5, 10, 20 US

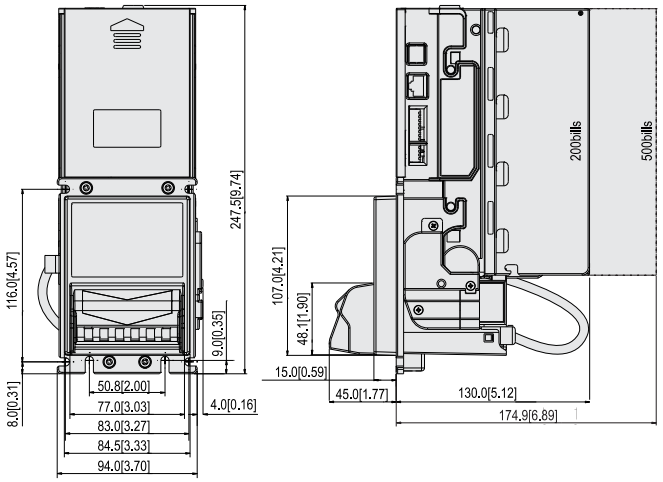
ICT TAO BILL VALIDATOR

New

- Accepts $1, $5, $10, $20, $50 & $100 bills
- Bills can be inserted 4 ways
- High acceptance rate of 96% or better
- Validation time: approximately 3 seconds (including bill stacking)
- Win98/XP/Vista and Linux compatible
- Includes lockable, removable bill cassette
- Interface options: Pulse, 5V ENABLE, ICT Protocol, NISR and USB
- Works with DC 12V + 10% or 117V AC + 10%
- Power consumption is 50 watts maximum
- Software and currency updates can be quickly completed through the built-in connector (Flash ROM)



VALIDATOR DIMENSIONS



Part Number	Model	Bill Capacity	Bezel	Voltage	Accepts
42-4372-00	TAO-A1PB5-USD6	500	Cover Style	110VAC	$1-$100
*Cover Style Bezel - The mounting kit covers most of the bezel					

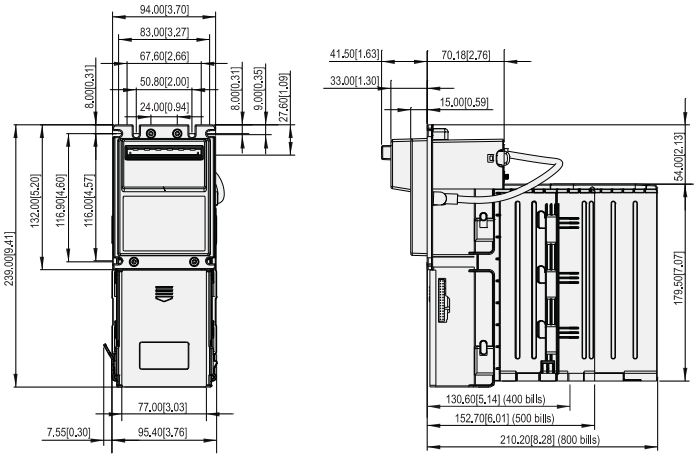
ICT TAO LIGHT BILL VALIDATOR

New

- Accepts $1, $5, $10 & $20 bills
- Bills can be inserted 4-ways
- High acceptance rate of 96% or better
- Validation time: approximately 3 seconds (including bill stacking)
- Interface options: Pulse, 5V ENABLE, ICT Protocol & NISR (USB/RS232)
- Works with DC 12V : 2Amp or AC 117V : 0.2Amp
- Power consumption is 50 watts maximum
- Software and currency updates can be quickly completed through the built-in connector (Flash ROM)



VALIDATOR DIMENSIONS



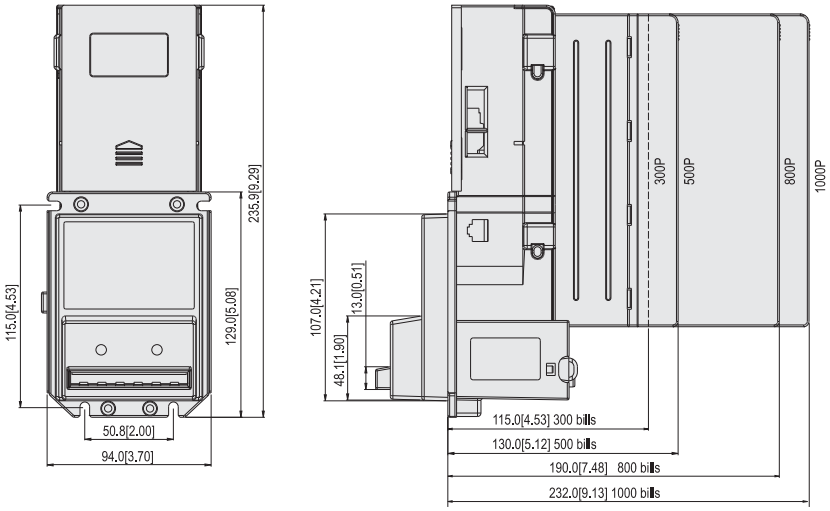
Part Number	Model	Bill Capacity	Bezel	Voltage	Accepts
42-4372-10	TAO-L1PC5-USD4	500	Frame Style	110VAC	$1-$20
*Cover Style Bezel - The mounting kit covers most of the bezel					

ICT VALIDATORS-US4 SERIES WITH UPSTACKER

- Accepts US $1, $5, $10, & $20 bills
- Bills can be inserted 4-ways
- Accepts new currency
- High Acceptance rate: 96% or better
- Fast validation time of 3 seconds (including bill stacking)
- 300, 500 or 800 bill capacity upstacker models available
- Optic sensors read both sides of the bill for added security
- Auto self-adjusting sensor system
- Reprogrammable flash ROM
- Easily accessible dip switches
- Lighted bezel makes bill insertion easy
- Bill path is easily accessible by pressing two buttons
- Complete with mounting hardware, decals, and power cord
- All standard bezel validators come with mounting kit
- Easy installation and low maintenance
- Handy 8-pin RJ-45 connector on the side of the bill validator for downloading programs and updating validation software
- Comes standard as 110v, but can also be powered by 12vdc with optional cable (WEL-M007)
- 2-Year Warranty



VALIDATOR DIMENSIONS



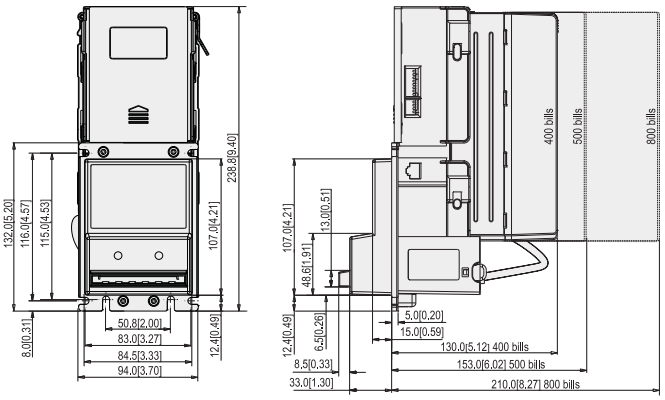
Part Number	Model	Bill Capacity	Bezel	Voltage	Accepts
42-3701-00	A613-FOP-US4	300	Fitted	110 VAC	$1, $5, $10, $20 US
42-0326-00	A613-SCP-US4	300	Standard	110 VAC	$1, $5, $10, $20 US
42-0327-00	A615-FOP-US4	500	Fitted	110 VAC	$1, $5, $10, $20 US
42-3703-00	A615-SOP-US4	500	Standard	110 VAC	$1, $5, $10, $20 US
42-0332-00	A618-SCP-US4	800	Standard	110 VAC	$1, $5, $10, $20 US
42-0053-00	A618-FOP-US4	800	Fitted	110 VAC	$1, $5, $10, $20 US
42-3734-00	A625-SCP-US4	500	Standard	12 VDC	$1, $5, $10, $20 US
Optional Cassettes for Stackers					
42-0299-00	S6-S3	300	With Sliding Latch		
42-0318-00	S6-S5	500	With Sliding Latch		
42-0058-00	S6-S8	800	With Sliding Latch		
42-3731-00	S6-B5	500	For use with Button Cassete Release (2003 & Earlier)		
42-0090-00	S6-B8	800	For use with Button Cassete Release (2003 & Earlier)		

ICT PA7 UPSTACKER BILL VALIDATOR

- Accepts $1, $5, $10, $20 & $100
- 4-way acceptance
- High acceptance rate of 96% or better
- Acceptance speed approximately 3 seconds (including bill stacking)
- Interface: Pulse, NISR or ICT Protocol
- Power: DC 12V / 3Amp; AC 117V / 0.2Amp
- Power consumption: Maximum 50 watts
- Stacker capacity: 400 bills
- 2-Year Warranty



VALIDATOR DIMENSIONS



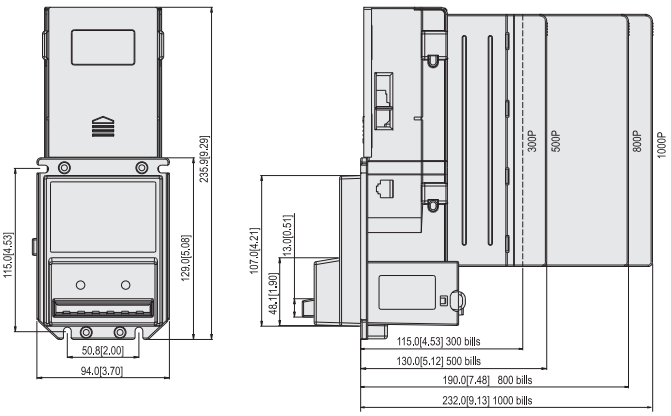
Part Number	Model	Bill Capacity	Bezel	Voltage	Accepts
42-3945-00	PA7-U1PB4-USD6	400	Cover Style*	110VAC	$1-$100
*Cover Style Bezel - The mounting kit covers most of the bezel					

ICT VALIDATOR-US2 SERIES WITH UPSTACKER

- Accepts US $1 & $5 bills only
- Ideal alternate when $10 & $20 vend acceptance is not required
- Bills can be inserted 4-ways
- High quality at a great price
- Easy installation & low maintenance
- Has 500-bill capacity
- Uses standard pulse interface
- Includes standard bezel mounting kit w/hardware, decals and power cord
- 110VAC for power



VALIDATOR DIMENSIONS



Part Number	Model	Bill Capacity	Bezel	Voltage	Accepts
42-1279-00	A615-FOP-USD2-2	500	Fitted	110VAC	$1 & $5
42-3792-00	A615-SOP-USD2-2	500	Standard	110VAC	$1 & $5

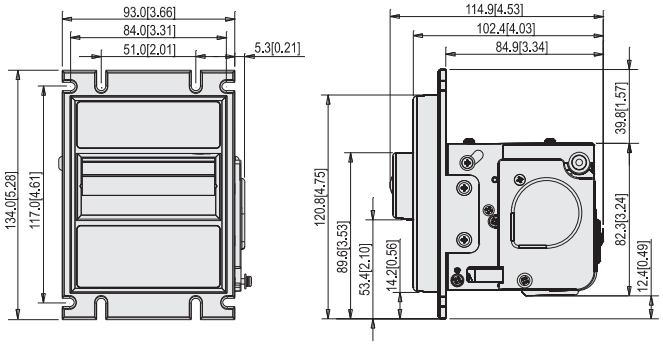
ICT P70 STACKERLESS VALIDATOR

New

- Accepts US $1, $5, $10, $20 & $100 bills
- Four way acceptance
- High acceptance rate: 96% or better
- Validation time: approximately 2 seconds
- Software and currency updates can be quickly completed through the built-in connector (Flash ROM)
- Anti-stringing function has a 99.99% success rate
- Interface: Pulse or RS232
- High quality at an affordable price
- Suitable replacement for BL700 or B70UF
- Auto self-adjusting sensor system
- Lighted bezel makes bill insertion easy
- Works with DC 12V + 5%
- 1-year warranty



VALIDATOR DIMENSIONS



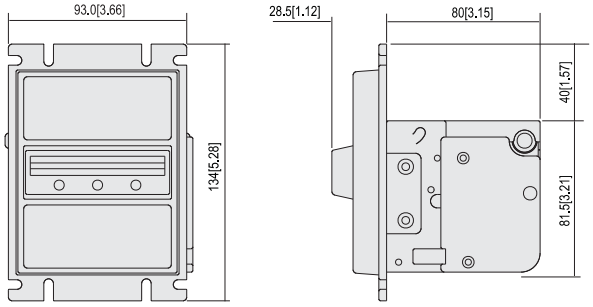
Part Number	Model	Bill Capacity	Bezel	Voltage	Accepts
42-3944-00	P70-US60Ni	Stackerless	Break Proof	12VDC	$1-$100

ICT STACKERLESS BILL VALIDATOR

- Accepts US $1, $5, $10 & $20 bills
- Bills can be inserted 4-ways
- Accepts new currency
- High acceptance rate: 90% or better
- Validation time of 4 seconds or less
- Maintenance is reduced through recessed optic sensors
- Optic sensors read both sides of the bill for added security
- High quality at a great price
- Bill path is easily accessible from the top via hinged lid, no tools required
- Lighted bezel makes bill insertion easy
- Easily accessible dip switches
- Complete with mounting plate, hardware, decals, and power cord
- Warranty: 1 year parts and labor
- Model BL700-USD4 +12vdc



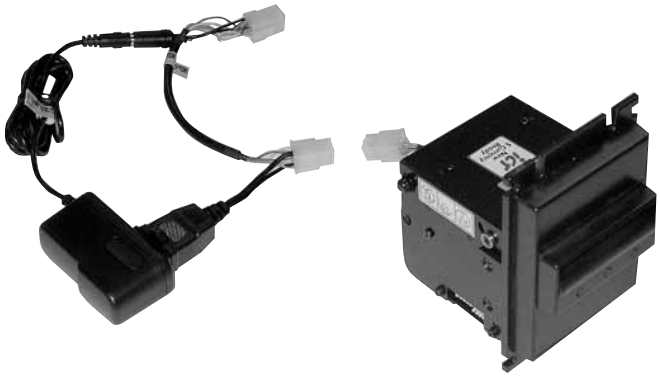
VALIDATOR DIMENSIONS



Part Number	Model	Bill Capacity	Bezel	Voltage	Accepts
42-3653-00	BL700-USD4	Stackerless	Standard	12VDC	$1-$20

ICT 110VAC TO 12VDC CONVERSION HARNESS

- Converts the industry standard 9-pin amp 110VAC harness to a 12VDC ICT application
- This is an easy plug and use system, no cutting or soldering required



Part Number	Description
42-0988-00	ICT 110VAC to 12VDC Conversion Harness

ICT NEXGEN 2008 $5 BILL FPM UPDATES

On March 13th, 2008 U.S. Federal Reserve Banks began distributing the new $5 note through commercial banks to the public.

- Update your A6, V6, N6, S6 or P Series units via ICT's Flash Programming Modules (FPM)
- The FPM's flash download new software directly into the Bill Validator via the included interconnect cable
- Kit includes: Flash Programming Module with NEXGEN $5 software, Interconnect cable and ICT "New Currency Ready" label to place on validator after unit is updated
- Optional ICT "New Currency Ready" label to place on the validator after unit is updated



FP001-A6/FP001-V6



42-4043-00

Part Number	Description
FP001-A6-05	ICT NEXGEN $5 FPM for A6 Series
FP001-V6-05	ICT NEXGEN $5 FPM for V6 Series
FP001-V6(T2)-05	ICT NEXGEN $5 FPM for V6 Series Used on TouchTunes Jukeboxes
FP001-N6-05	ICT NEXGEN $5 FPM for N6 Series
FP001-S6-05	ICT NEXGEN $5 FPM for S6 Series
FP001-P70-05	ICT NEXGEN $5 FPM for P Series
42-4043-00	ICT 2008 New $5 Ready Label




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PYRAMID AQUA SERIES BILL VALIDATORS

New

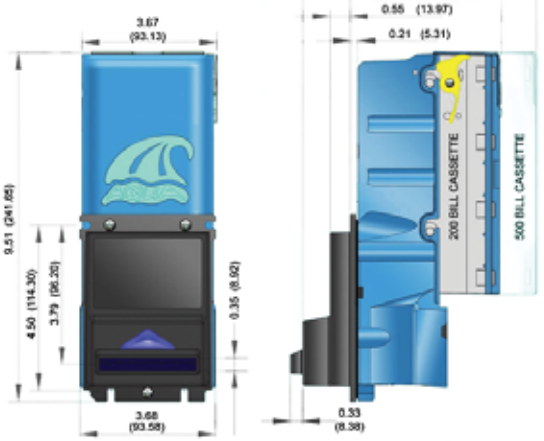
A water resistant bill acceptor made for the Great Outdoors

FEATURES

- No sensors in the water path
- Water drainage path and rear port
- Electronics modules in their own enclosures
- All Stainless Steel corrosion-resistant shafts
- Belts run the full length of the bill path for handling moist bills
- Rear Diagnostic "Wave" LED
- 30-pin industry standard connector
- Optical Anti-Stringing
- Side Door currency access
- One-Touch coupon programming
- 2 year standard & 2 year "water" warranty (when used as an upstacker)
- Manufactured in the USA

APPLICATIONS

- Anywhere Outside!
- Car Wash
- Indoor/ Outdoor Vending
- High Humidity Areas



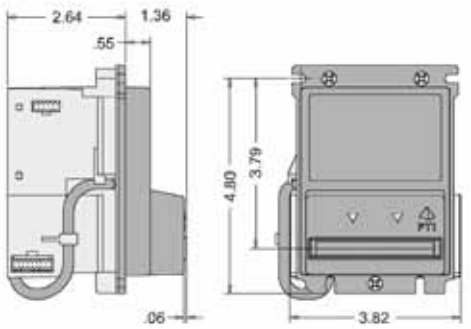


PYRAMID TECHNOLOGIES, INC.
CURRENCY VALIDATION EXPERTS

Part Number	Model	Bill Capacity	Accepts	Voltage
42-13839-00	AQ-9U53-USA Upstacker	500	$1, $5, $10, $20	24V
42-16837-00	AQ-9U51-USA Upstacker	500	$1, $5, $10, $20	120V
42-16838-00	AQ-9U52-USA Upstacker, MDB Interface	500	$1, $5, $10, $20	24V
42-16842-00	AQ-9D53-USA Downstacker	500	$1, $5, $10, $20	24V
42-16840-00	AQ-9D51-USA Downstacker	500	$1, $5, $10, $20	120V
42-16841-00	AQ-9D52-USA Downstacker, MDB Interface	500	$1, $5, $10, $20	24V

PYRAMID XLC SERIES VALIDATORS

- Accepts US $1 & $5 bills only
- Lighted arrows on bezel and bill entry area
- High security against fraudulent bills
- Dual-stage optical anti-stringing
- 12VDC standard or optional 120VAC internal supply
- Updating for new currency is simple, using a Palm™ PDA
- High acceptance rate: 95% or greater
- Acceptance Speed: Approximately 20 bills per minute
- Pushbutton/LED on-board diagnostics
- Automatic self-calibration, unit will never require user calibration
- Various bezels available with pin-outs that are compatible with other manufacturers
- Warranty: 2-Years, parts and labor



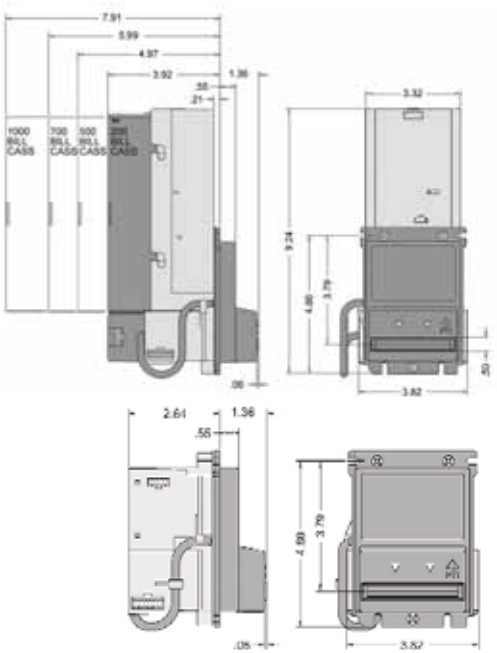


PYRAMID TECHNOLOGIES, INC.
CURRENCY VALIDATION EXPERTS

Part Number	Model	Bill Capacity	Accepts	Voltage
42-3906-00	XLC-5200-U52-USA Upstacker	500	$1 & $5	120V
42-3905-00	XLC-5200-U51-USA Upstacker	500	$1 & $5	12V

PYRAMID APEX 5400 SERIES VALIDATORS

- Accepts US $1, $5, $10, & $20 bills, including new currency
- Lighted arrows on bezel and bill entry area
- High security against fraudulent bills
- Dual-stage optical anti-stringing
- 12VDC standard or optional 120VAC internal supply
- Updating for new currency is simple, using a Palm™ PDA
- High acceptance rate: 95% or greater
- Acceptance Speed: Approximately 20 bills per minute
- Pushbutton/LED on-board diagnostics
- Automatic self-calibration, unit will never require user calibration
- Various bezels available with pin-outs that are compatible with other manufacturers
- Warranty: 2-Years, parts and labor



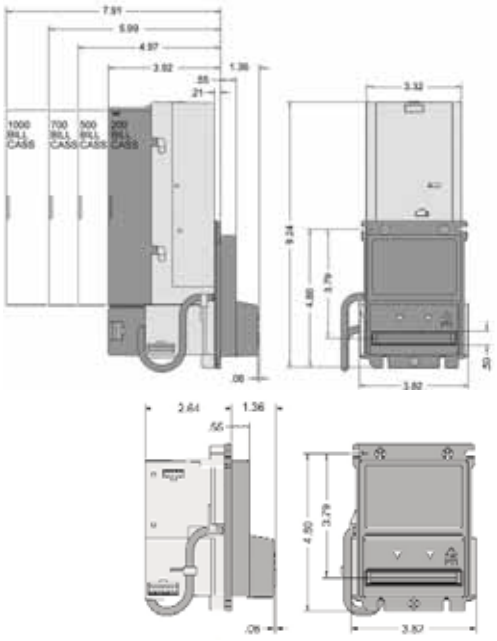


PYRAMID TECHNOLOGIES, INC.
CURRENCY VALIDATION EXPERTS

Part Number	Model	Voltage	Bill Capacity	Accepts
42-3907-00	Apex-5400-U51-USA Upstacker	12V	500 Bills	$1, $5, $10, $20 US
42-3908-00	Apex-5400-U52-USA Upstacker	120V	500 Bills	$1, $5, $10, $20 US
42-3909-00	Apex-5400-SN1-USA	12VDC	Stackerless	$1, $5, $10, $20 US
42-3910-00	Apex-5400-SN2-USA	120VAC	Stackerless	$1, $5, $10, $20 US

PYRAMID APEX 5600 SERIES VALIDATORS

- Accepts US $1, $5, $10, $20 & $100 bills, including new currency
- Lighted arrows on bezel and bill entry area
- High security against fraudulent bills
- Dual-stage optical anti-stringing
- 12VDC standard or optional 120VAC internal supply
- Updating for new currency is simple, using a Palm™ PDA
- High acceptance rate: 95% or greater
- Acceptance Speed: Approximately 20 bills per minute
- Pushbutton/LED on-board diagnostics
- Automatic self-calibration, unit will never require user calibration
- Various bezels available with pin-outs that are compatible with other manufacturers
- Warranty: 2-Years, parts and labor





PYRAMID TECHNOLOGIES, INC.
CURRENCY VALIDATION EXPERTS

Part Number	Model	Voltage	Bill Capacity	Accepts
42-3913-00	Apex-5600-U51-USA Upstacker	12V	500 Bills	$1, $5, $10, $20, $50, $100 US
42-3914-00	Apex-5600-U52-USA Upstacker	120V	500 Bills	$1, $5, $10, $20, $50, $100 US
42-3911-00	Apex-5600-SN1-USA	12VDC	Stackerless	$1, $5, $10, $20, $50, $100 US
42-3912-00	Apex-5600-SN2-USA	120VAC	Stackerless	$1, $5, $10, $20, $50, $100 US

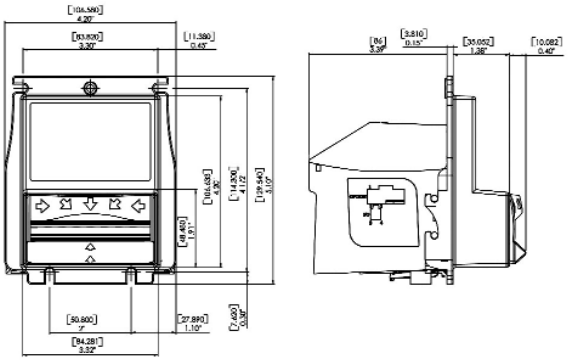
TRILOGY PULSE MODE STACKERLESS VALIDATOR

- Accepts US $1, $5, $10, $20 & $100 bills, including new currency
- Lighted arrows on bezel
- High security against fraudulent bills
- Dual-stage optical anti-stringing
- Currency updates are done using flash technology via a PC
- 12VDC standard
- Pushbutton/LED on-board diagnostics
- Automatic self-calibration, unit will never require user calibration
- Advanced diagnostics with PC
- Warranty: 2-Years, parts and labor



TRILOGY

PYRAMID TECHNOLOGIES, INC.
CURRENCY VALIDATION EXPERTS

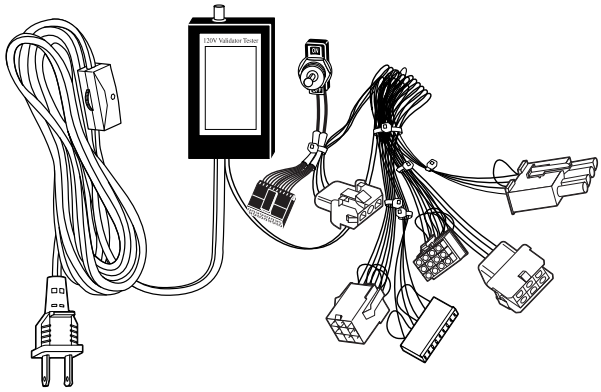


Part Number	Description
42-3915-00	Trilogy Stackerless Validator 12VDC Pulse Mode

PYRAMID REPLACEMENT PARTS

Part Number	Description
02AA3001	Pyramid Cashbox, 200 Note
02AA3002	Pyramid Cashbox, 500 Note
02AA3004	Pyramid Cashbox, 1000 Note
05AA0003	Pyramid 12 Pin to 9 Pin AC Harness
05AA0012	Pyramid Wall Plug Harness
05AA0023	Pyramid USB/RS232 Harness
05AA0026	Pyramid USB Flash Cable
05AA0028	Pyramid 120 VAC Harness POG
30AA0028	Pyramid Cash Box Latch (Tool 2) New Design
42-3644-00	Pyramid “Plug & Play” Harness for Cashcode
42-3942-00	Pyramid Validator Mounting Kit with Label
42-3942-MAV	Pyramid Validator Mounting Kit
42-3954-00	Pyramid Validator Harness
91AA0001	Pyramid Belt for Stacker Model Validator
91AB0001	Pyramid Belt for Stackerless Model Validator
95AA0003	Pyramid Apex Bezel #0 Compact Bezel
95AA0005	Pyramid Apex Bezel Kit #2 MEI VFM

BILL VALIDATOR TESTER



- Save money by testing the validator before sending them into repair centers
- Verify the operation of your validator while on location
- Use to bench test validators in your shop
- Upon acceptance of a good bill, the tester lamp will blink once for each pulse received
- 120V Used on:
  - Ardac – USA
  - Coinco – BA30B
  - Conlux/Maka – NB, NB2, NBE, MKA, NBU
  - MEI – VFM Series, VN2000, AE2000, AE2600, GL5, AL4, LE
  - Rowe – CBA 2 soda version, CBA2, UBA2
- 24V Used on:
  - Ardac – USA, DBA Series, Tray Acceptors
  - Coinco – BA32SA
  - Conlux/Maka – NB14B, NB1LB, NB2-14B,
  - NB2 – 14C, NB2-16A, NBE21, NBE21B,
  - NB – 2JA, NB-2BA
  - MEI – VFM Series, L405

Part Number	Description
42-8042-00	120V Bill Validator Tester
42-8043-00	24V Bill Validator Tester

PYRAMID USB FLASH CABLE

- For flash software and currency updates
- Harness connects to any USB port on a desktop or laptop computer
- For use with all Pyramid Validators



PYRAMID TECHNOLOGIES, INC.
CURRENCY VALIDATION EXPERTS

Part Number	Description
05AA0026	Pyramid USB Flash Cable

VALIDATOR LABEL SETS

- Bright yellow label with black printing
- Laminated for durability and longevity
- Arrows attract attention to where money is to be inserted into validator
- Interior labels used to identify bill denominations accepted
- For use on either Stackerless, Upstacker, or Downstacker applications as noted



MEI
49-0800-00



MEI
49-0800-10



CashCode
49-0800-20



CashCode
49-0800-30

Part Number	Description
49-0800-00	Validator Label Set for MEI Series 2000 (Upstacker & Downstacker)
49-0800-10	Validator Label Set for MEI AL & GL Series (Stackerless, Upstacker & Downstacker)
49-0800-20	Validator Label Set for CashCode (Stackerless)
49-0800-30	Validator Label Set for CashCode UNV Universal Stacker (Upstacker & Downstacker)

"OUT OF ORDER" LABEL

- Black on orange
- Size: 1-1/2" x 2"
- Special adhesive for easy removal



Part Number	Description
42-7017-00	"Out of Order" Label

"WARNING" LABEL

- Pressure sensitive label
- Color: Black on Silver
- Size: 2-1/2" x 4-3/4"



Part Number	Description
42-7016-00	"Warning" Label

VALIDATOR LABEL SET

- Attaches to top of bill entry chute on validator – makes it easy to see
- Black print on bright yellow background
- Adhesive backed
- Size: 2.75" x .75"
- Complete set of all labels shown at right



Part Number	Description
42-0548-00	Validator Label Set

MEI VALIDATOR LABEL SET

- 3 different labels
- Accepts $1 Bills, Accepts $1 & $5, Accepts $1, $2 &$5
- Black and green on bright yellow
- Size: 2-7/8" x 1-7/8"
- Adhesive backed
- Laminated front



Part Number	Description
250057025	MEI Validator Label Set

We have over 50 Sales People to help you get the right parts & supplies you need!

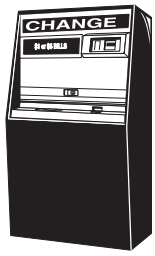


Call (888) 289-4277 to Contact a Suzo-Happ Sales Representative Near You

BILL CHANGER UPGRADE KITS

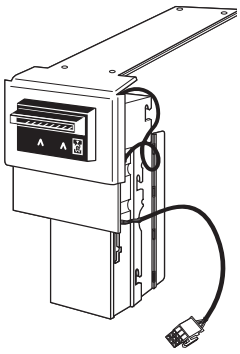
- Upgrade your old bill changers to accept either $1 - $5, or $1 - $20 bills
- The validator mounts directly to the original track where the transport has been replaced, not to the door that swings out. Therefore, clearance is no problem with the validator
- Complete kit comes with a MEI Series 2000 validator with 700 bill upstacker
- MEI validators have been updated to accept the new $5, $10 and $20 bills
- MEI validators allow a high acceptance of all bills
- Can be directly replaced with any MEI VN-2501, AE-2411 of AE-2600 validator
- Changer is still able to accept coins
- Takes about 30 minutes to install



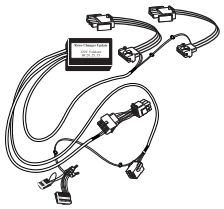


Rowe® BC35 Bill Changer

Part Number	Bill Changer	Description	Accepts
42-7465-00	Rowe BC1	Kit without Validator	$1, $5, $10 & $20
42-7350-00	Rowe BC11	Kit without Validator	$1 & $5
42-7351-00	Rowe BC12	Kit without Validator	$1 & $5
42-8196-00	Rowe BC12	Kit without Validator	$1, $5, $10 & $20
42-7352-00	Rowe BC20/25/25MC	Kit without Validator	$1 & $5
42-8090-00	Rowe BC35	Kit without Validator	$1 & $5
42-8197-00	Rowe BC35	Kit without Validator	$1, $5, $10 & $20
42-8188-00	Rowe BC3500	Kit without Validator	$1, $5, $10 & $20
42-3346-00	Rowe BC100	Kit without Validator	$1, $5, $10 & $20
42-3355-00	Rowe BC1200	Kit without Validator	$1 & $5
42-3503-00	Rowe BC1200	Kit without Validator	$1, $5, $10 & $20
42-7465-700	Rowe BC1	Kit with Validator	$1, $5, $10 & $20
42-7464-700	Rowe BC9	Kit with Validator	$1, $5, $10 & $20
42-7350-700	Rowe BC11	Kit with Validator	$1 & $5
42-8195-700	Rowe BC11	Kit with Validator	$1, $5, $10 & $20
42-7351-700	Rowe BC12	Kit with Validator	$1 & $5
42-8196-700	Rowe BC12	Kit with Validator	$1, $5, $10 & $20
42-7352-700	Rowe BC20/25/25MC	Kit with Validator	$1 & $5
42-8192-700	Rowe BC20/25/25MC	Kit with Validator	$1, $5, $10 & $20
42-8090-700	Rowe BC35	Kit with Validator	$1 & $5
42-8197-700	Rowe BC35	Kit with Validator	$1, $5, $10 & $20



MEI BILL VALIDATOR

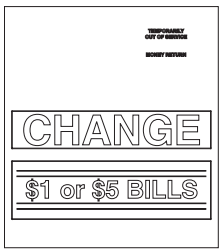


HARNESS ASSEMBLY

ROWE® BILL CHANGER OVERLAYS



A



B



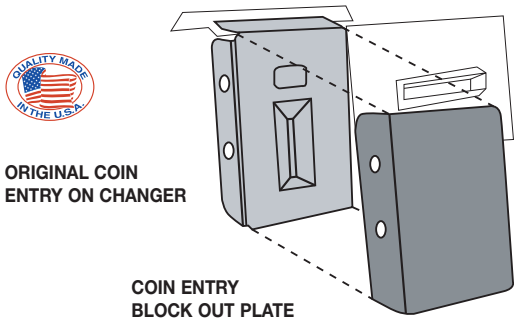
C



D

Ref.	Part Number	Description
A	H167R	BC12 $1 & $5 Instruction Decal
B	H170R	BC11 $1 & $5 White on Clear
C	H35074329R	$1 & $5 Change Decal
D	27-1324-00	BC1200 “Tokens” Decal
-	49-0474-00	Black Pica Vinyl, 40" wide (Matches A & E Overlays)

ROWE CHANGER COIN ENTRY BLOCK OUT PLATE



- Easy & clean way to eliminate coin acceptance within Rowe BC20, BC25 and BC35 changers
- Installs using existing hardware within changer
- Clear zinc finish provides nice finished look
- Made in USA

Part Number	Description
95-2232-00	Rowe Changer Coin Entry Block Out Plate

ROWE BILL CHANGERS

CT3 COIN CHANGER AND BILL VALIDATOR TESTER

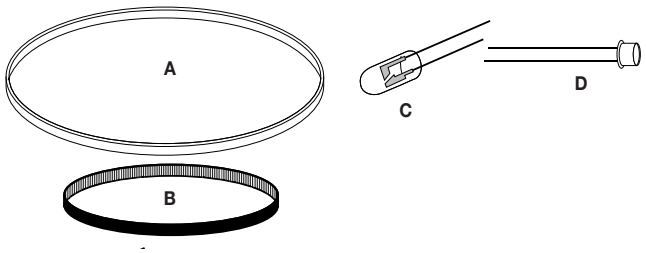


- The CT3 allows the test and repair of most coin changers, bill acceptors and even cashless systems on the market
- Advanced features such as the capability of testing coin changers having up to 7 tubes of change as well as a vend simulator with three programmable selections
- Pays for itself within a short time
- The CT3 can test Single Price 120V coin changers, Logic 24V and 117V with 12 or 15 pins, MDB coin changers and bill acceptors
- Features including Multimode coin changer and bill validator tester, exclusive SSPS (SEM Short Protection System), Auto-Test function and a serial printer output
- Auto Test feature takes you step-by-step through the testing process
- S.E.M. Short Protection System electronically detects power surges thereby reducing the risk of damage to the item and the tester.
- The CT3 Vending Tester PRO can test the following type of equipment:

  - Single Price 120 volts coin Changer
  - Logic (Dumb) 12 pins 117 VDC Coin Changer
  - Logic 12 pins 24 VDC Coin Changer
  - Logic 15 pins 24 VDC Coin Changer
  - MDB Coin Changer with up to 7 tubes
  - MDB Bill Acceptor

Part Number	Description
92-2322-00	CT3 Coin Changer & Bill Validator Tester
92-0340-00	Changer Stand
92-0339-00	External Bill Validator Module (EBVM) for Pulse Type Validators

MODEL BA-50 STANDARD REBUILDING KIT

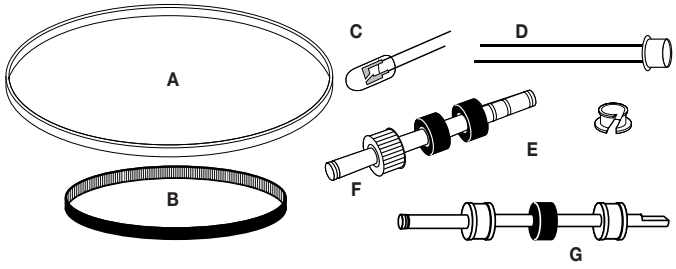


Part Number	Description
27-1205-00	Model BA-50 Standard Rebuilding Kit

Rebuilding Kit Includes: (All parts are also sold separately)

Ref.	Part Number	Description
A	**H35114901R**	Upper Belt, Drive, Qty 2
B	**H35082005R**	Timing Belt, Qty 2
C	**H70035314R**	LED Lamp, Green, Qty 1
D	**H25236302R**	Photoconductive Cell, Qty 2

MODEL BA-50 DELUXE REBUILDING KIT



Part Number	Description
27-1204-00	Model BA-50 Deluxe Rebuilding Kit

Rebuilding Kit Includes: (All parts are also sold separately)

Ref.	Part Number	Description
A	**H35114901R**	Upper Belt, Drive, Qty 2
B	**H35082005R**	Timing Belt, Qty 2
C	**H70035314R**	LED Lamp, Qty 1
D	**H25236302R**	Photoconductive Cell, Qty 2
E	**H70146004R**	Bearing Nyliner, Qty 4
F	**H35114501R**	Shaft & Pulley, (Front Roller), Qty 1
G	**H35113601R**	Drive Shaft Assembly, (Lower Roller), Qty 1

PARTS FOR ROWE BILL CHANGERS

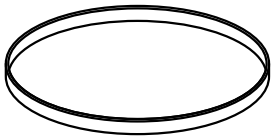
Part Number	Rowe Number	Description
H0031946R	0031946	Timing Belt
H0031956R	0031956	Timing Belt
H167R	167	BC 12 $1 & $5 Instruction Decal
H170R	170	BC 11/12 $1 & $5 White on Clear Overlay
H25073801R	25073801	Timing Belt
H25076002R	25076002	Magnetic Head Assy.
H25236302R	25236302	Photoconductive Cell
H35082001R	35082001	Timing Belt
H35082002R	35082002	Timing Belt, Motor Drive
H35082005R	35082005	Timing Belt
H35113601R	35113601	Drive Shaft Assy., Lower Roller
H35114501R	35114501	Shaft & Pulley, Front Roller
H35114901R	35114901	Upper Belt, Drive
H35118601R	35118601	Drive Belt, Clear
H45077201R	45077201	Timing Belt, High Friction
H70035314R	70035314	LED Lamp, Green
H70146004R	70146004	Bearing, Nyliner

BELTS FOR BILL VALIDATORS

- Top quality replacement bill validator belts
- Easy to use reference guide helps you figure out which belt you have, without knowing the manufacturer's part number
- A complete selection of the most popular replacement belts for all the major manufacturers
- Made in the USA



Type A



Type B



Type C



Type D



Type E

Part Number	Ref. No.	Description	Belt Type	Model	Size
H290119	29X119	Stacker Belt, Gray	A	Ardac	15" x .25"
29X121	29X121	Idler Belt, Black	A	Ardac	7" x .125"
29X174	29X174	Drive Belt, Black	A	Ardac	15" x .25"
42-3138-00	29X84	Top belt	B	Ardac MBA	5.62" x .25"
H440532	440532	Belt #1	A	Maka	4" x .125"
H440533	440533	Belt #2	A	Maka	14.25" x .25"
04-22-137	04-22-137	Gray Belt	A	MEI VFM5 , GL5	6.5" x .25"
04-22-162	04-22-162	Black Timing Belt	A	MEI VFM 1,2,3 & 4	6" x .25"
111597118	111597118	Drive Ring - Ribbed	D	MEI VFM Series	2.75" x .25"
111597118F	111597118F	Drive Ring - Flat	E	MEI VFM Series	2.75" x .25"
250021015	250021015	Large Timing Belt	A	MEI Series 2000	5.72" x .19"
250023014	250023014	Small Timing Belt	A	MEI Series 2000	4.25" x .125"
H5271687N	5271687	Drive Belt, Black	B	National Buckpasser	9.5" x .25"
H0031946R	B0031946	Timing Belt	A	Rowe CBA2 UBA	18" x .25"
H0031956R	B0031956	Timing Belt	B	Rowe CBA2	20.5" x .25"
H21312801R	21312801	Timing Belt	C	Rowe BA20	12.75" x .19"
H25073801R	25073801	Timing Belt	C	Rowe BA20/35	7" x .1875"
H35082001R	35082001	Timing Belt	A	Rowe OBA	5.5" x. 25"
H35082002R	35082002	Timing Belt, Motor Drive	C	Rowe BA-35	8" x .1875"
H35082005R	35082005	Timing Belt	A	Rowe BA-50	16.75" x .25"
H35114901R	35114901	Upper Drive Belt	B	Rowe BA-50	18.5" x .25"
H35118601R	35118601	Drive Belt, Clear	B	Rowe OBA	11.375" x .25"
H45077201R	45077201	Timing Belt, High Friction	A	Rowe OBA	11" x .25"



Suzo-Happ Service Programs

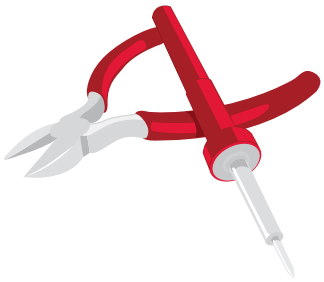
Flat Rate Repairs
Reconditioned Products
On-Site Maintenance
In Select Locations

Pick Up & Delivery Service
In Select Locations

Factory trained technicians located across the United States ensure your products are restored to original equipment manufacturer's specifications using factory approved parts.

Responsive service support staff provide ease of processing your service needs.

Trusted and proven service quality from original equipment manufacturers to end users.









Bill Validator Level I

Includes MEI Series 2000, MEI SC Series Cashbox and Chassis
Includes diagnostic testing, calibration, and cleaning.

Bill Validator Level II

Includes MEI SC Series Cashflow, MEI ZT Series, and MEI Series 3000 RTUs and other amusement, gaming and retail models

Includes diagnostic testing, calibration, and cleaning.

Software Updates (Per customer request: low cost download and calibration only)

MEI Bill Validator SC Series Interface Board

(Boards that can not be repaired may be returned upon customer request)

MEI Bulk Note Feeder (BNF)

Includes diagnostic testing, calibration and cleaning

For your convenience, please phone, fax or email for an RMA form & authorization number.

PHONE (866) 736-2374
FAX (702) 597-5360
EMAIL SERVICE@SUZOHAPP.COM

CITIZEN 3551 PRINTER

- Dot impact printing
- Auto winder option
- High-speed print (Bi-directional)
- Red and black print
- Auto load
- Paper end sensor
- Built in power supply
- Built in auto cutter – full cut (ACS-134)



Specifications	
Printing Method	Dot impact
Printing Direction	Bidirectional, 2-pass graphic unidirectional
Print Width	Character type: 63.6 mm Graphic type: 58.7 mm
Print Head	9 pins
Print Speed	Character type: Approx. 3.6 lines/second Graphic type: Approx. 3 lines/second
Print Columns	40 columns
Character size (W) x (H)	Character type: 1.36 mm x 2.4 mm (7 dots); 1.36 mm x 3.1 mm (9 dots) Graphic type: 1.20 mm x 2.4 mm (7 dots); 1.20 mm x 3.1 mm (9 dots)
Lines Spacing	Character type: 4.23 mm (1/6 inch) Graphic type: 2.82 mm (1/9 in)
Paper	Ordinary paper and non-carbon paper: 76 +/- 0.5 mm x 83 mm
Ink Ribbon	Special purpose ribbon cartridge: red/black or single color (black or purple)
Interface	Serial (RS-232C), Parallel (CENTRONICS compliant)
Command System	CBM mode, STAR mode, ESC/POS mode. The user can select the mode with the DIP switch and present jumpers
Input Buffer	6 kb or 256 bytes (selectable with the DIP switch)
Drawer Function	2-drawer, 1-drawer switch
Auto Loading Function	Automatically feeds the paper by several lines when it is inserted
Paper End Detection	Stops printing when the paper has run out
Paper Near End Detection	Stops printing when the paper is running out (settable with a command)
Auto Cutter	AC-134-E (full cut)
Weight	Approx. 2.8 kg
Outer Dimensions	160 x 212 x 173 mm (W) x (D) x (H)

Part Number	Description
70-1401-00	Citizen 3551 Printer

WHITE BOND ROLL PAPER

- For use with Citizen printers
- 3" W x 165' L
- Core 7/16"
- Roll diameter: 2-3/4"
- Also used with the following printers:
  Star SP300 & DP8340R Series
  Ithica 150 & 90 Plus Series
- Sold per roll; 50 rolls per case
- Made in the USA with premium quality paper



Part Number	Description
27-0208-00	White Bond Roll Paper

THERMAL PRINTER PAPER

- For use with ICT printers
- Jumbo roll: 2-1/4" x 230'
- Core 7/16"
- Roll diameter: 2-3/4"
- Also used with the following printers:
  Casio 1600, Casio CE-T100,
  Casio CE-T300, Casio PCR-T465,
  Casio PCR-T2000, Casio TE-2000,
  Casio TE-3000, Casio TE-4500,
  Casio TE-7000, Casio TE-8500
  Citizen CBM262, CBM270
  Eltron LP2022
  Epson TM-L90
  Gasboy TMS 500 Tank Monitor
  Gilbarco/Marconi Commerce 4414
  Hypercom T7P-T, T7PT
  Royal Alpha 583cx , Royal Alpha 600sc, Royal Alpha 9155sc
  Samsung ER-650,ER-650R, ER-650SS, ER-5200, ER-5215, ER-5240
  Sharp 01PU, 01PU, ER-A450T, UP-700, XE-A201, XE-A202, XE-A302
  Towa/TCA/Konic EX300
  Veeder Root TLS350, TM2, TM3
  And many more!
- Sold per roll; 50 rolls per case
- Made in the USA with premium quality paper



Part Number	Description
27-0207-00	Thermal Printer Paper

REPLACEMENT PRINTER RIBBONS

- Top quality at an economical price



95-1589-00



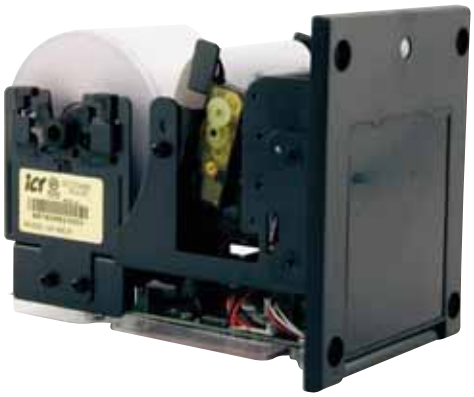
95-1588-00

Part Number	Ref. No.	Ink Color	Description
95-1589-00	IR-61 R/B	Red/Black	For Citizen Printers
95-1776-00	-	Black	For Okidata 100 Series Printer
95-1777-00	RC300B	Black	For Star Micronics MP300, SP300 Printer

ICT THERMAL PRINTERS

New

- Designed to take the advantage of new, lower cost thermal papers
- Easy drop-in paper loading and auto cutter option available
- User friendly, efficient and reliable
- Long life microprocessor controlled guillotine paper cutter
- Low paper sensor
- Full cut or partial switchable
- Convenient compact design for easy installation





70-17579-54

Part Number	Description
70-1336-00	ICT Thermal printer with cutter GP-58CR
42-1380-00	Mounting plate for ICT
27-1032-02	Battery for ICT printer
42-5277-00	Printer head for GP-58CR
27-0207-00	Thermal printer paper roll (2 1/4" x 230 ft.)
70-17579-54	ICT GP-58CR Printer Serial Harness for Pot of Gold 54" Long

CUSTOM TG-558 THERMAL PRINTER

New

- Ultra compact thermal printer for dispensing 35mm or 58mm wide tickets
- High quality graphics – 200dpi resolution
- Exclusive anti-paper jam system
- Innovative paper roll bracket
- Interface: RS232 Serial
- Power supply: 12 VDC





Part Number	Description
70-1893-00	Custom TG-558 Thermal Printer

KROY K5100 & K4100 INDUSTRIAL LABEL AND WIRE MAKING PRINTERS

- Choose either handheld portable (K5100) or desktop (K4100) industrial versions
- On-demand identification at it's best
- Print customized labels, bar codes and graphics on-site at your desk
- Alpha/numeric sequencing, 10 resistant bar codes, rotate feature, up to 6 print lines, 6-72 point sizes at 300 dpi resolution
- Variety of print styles including bold, italic, underline and mirror
- Optional PC connectivity for customized label applications, use your PC fonts and graphics
- Includes printer, manual CD-ROM with KLDS software and drivers, serial cable, and AC adapter with power cord
- Internal battery charger (K5100 only)
- Physical dimensions: 11" L x 6" D x 4" H (K5100); 9.5" L x 8" D x 2.75" H (K4100)



27-1421-K5100



27-1421-K4100

KROY®

Part Number	Description
27-1421-K5100	Kroy K5100 Label Printer
27-1421-K4100	Kroy K4100 Label Printer

Accessories for Kroy K5100 and K4100 Printers	
Part Number	**Description**
27-1425-08	Polyester Label Cartridge, 1" x 40' Black Image on White
27-1425-12	Polyester Label Cartridge, .50" x 40' Black Image on White
27-1425-14	Cast Vinyl Label Cartridge, .50" x 40' Black Image on White
27-1425-17	Polyolefin Shrink Tube Cartridge, .125" Black on White
27-1425-16	Polyolefin Shrink Tube Cartridge, .25" Black on White



K-SUN LABELLAB 1640Ki HANDHELD LABELING SYSTEM

- Lightweight and portable, industrial orange unit with rubber impact guards
- Ideal for outdoor plant, manufacturing, electrical or any harsh working environment
- High quality printing up to 60 point size on 1" tape
- 15 characters x 2 lines LCD display
- Intelligent thumb actuated manual cutter
- Prints standard, rotated and mirrored text and numbers
- Auto sizes, or choose from 8 sizes and 4 character widths
- Library of over 90 industrial symbols
- Includes: 6 AA alkaline batteries, adjustable neck/wrist strap, 1" black/white flexible ID tape, 1/2" black/white industrial tape, and deluxe carrying case
- Dimensions: 4.6" W x 9.4" L x 3.2" H
- Weight: 1.3 lbs.
- One-year manufacturer limited warranty and replacement service



LABELlab 1440Ki

Part Number	Description
27-0246-00	K-Sun LABELlab 1640Ki Labeling System

K-SUN LABELlab® Industrial Laminated Tapes

- Super strength with twice the adhesive of standard tapes
- Additional sizes and colors available upon request

Part Number	Description
27-0247-00	Replacement 1" (24mm) Tape - Black on White
27-0247-10	Replacement 1/2" (12mm) Tape - Black on White

K-SUN LABELLAB 1440Ki HAND-HELD LABELING SYSTEM

- Create high quality labels quickly and easily
- Lightweight and portable for everyday use in the field, in the office and on the go
- High quality printing up to 60 point size on 1" tape
- 15 characters x 2 lines LCD display
- Intelligent thumb actuated manual cutter
- Prints standard, rotated and mirrored text and numbers
- Auto sizes, or choose from 8 sizes and 4 character widths
- Repeat printing up to 99 copies
- Includes: 6 AA alkaline batteries, adjustable neck/wrist strap, 3/8" black/white standard tape, and 1/2" black/white industrial tape
- Dimensions: 4.6" W x 9.3" L x 3.1" H
- Weight: 1.19 lbs.
- One-year manufacturer limited warranty and replacement service



LABELlab 1440Ki

Part Number	Description
27-0245-00	K-Sun LABELlab 1440Ki Labeling System

EVOLUTION COIN HOPPER

- This belt driven hopper has been re-engineered and the result is an improvement over existing belt driven hoppers in its performance and maintenance
- This unique concept provides a single build type hopper that is suitable for 95% of the world's coins and tokens without needing any adjustments
- The Evolution Hopper is suitable for many applications such as: Vending, Parking, Change, Amusement and Gaming machines
- Made from extremely strong, wearing resistant plastics in combination with state of the art electronics resulting in low cost of ownership
- Large DC motor in combination with electronic motor control board for reduced friction and motor noise
- Optic board is easily accessible by removing the electronic control board from outside the hopper
- Connector can be easily changed from front to back by just loosening two screws and pulling the cable with connector in its position (reduced inventory for manufacturers that use both styles)
- The Evolution Hopper is available in different interfaces: Standard parallel, ccTalk encrypted and non-encrypted serial interfaces
- Serial interfaces provide higher security and better diagnostics especially by networked machines
- Supplied with standard quick-fit and release plate, connector as shown or optional with Bulgin connector
- Specific models Replace Money Controls hoppers within Western Money Systems TicketXchange and CasinoXchange kiosks.





Bulgin (Black) Connector



Cinch (Yellow) Connector



Features:

- Modular space - efficient system
- High Capacity > 1500 coins of Quarters
- RoHS Complaint
- In build agitator to prevent coin jams
- Hopper is protected by anti-jam electronics
- Large motor reduces motor noise
- High quality materials for long trouble free operation
- Easily removable and accessible electronics
- Hopper connector can easily be changed from front to back
- Low and high level sensing
- Competitively priced
- Low cost of ownership
- 3 Different coin sizes available: 16.25-20.9mm, 19-26.4mm (Euro Hopper), 21-30mm

For more information contact your nearest Suzo-Happ office

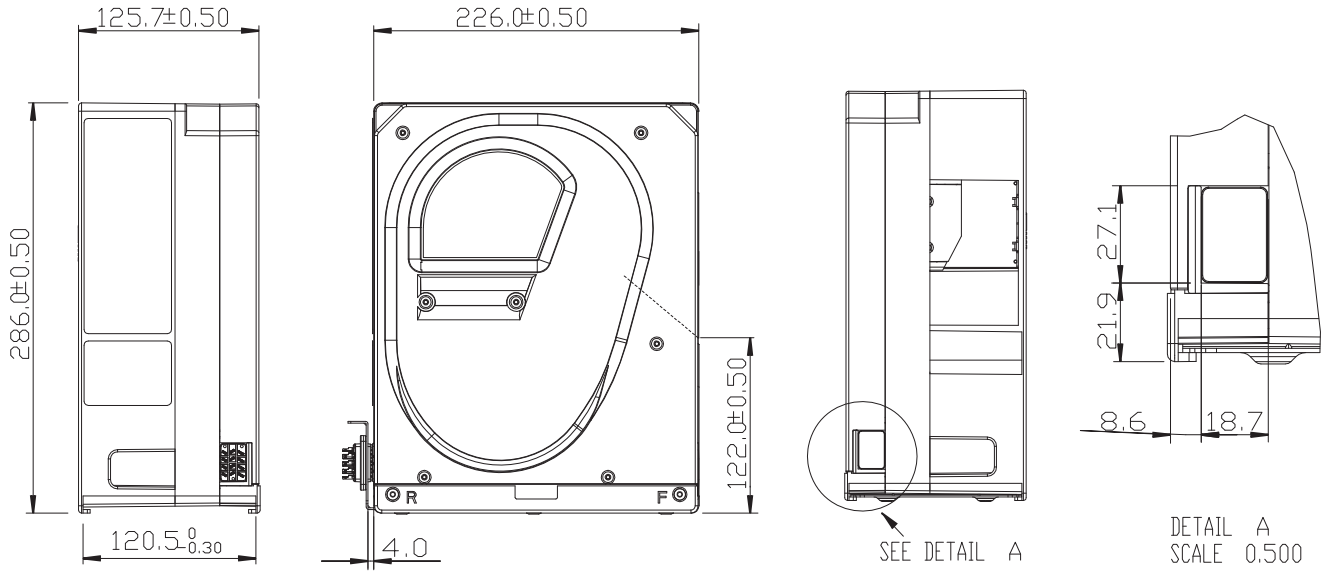
Part Number	Description
EV100-001B	For 5¢, 25¢, SBA with Yellow (Green) Connector pulse or on/off
EV100-011B	For 5¢, 25¢, SBA with Black Connector pulse or on/off (Used by American Changer® and Namco Cybertainment®)
EV100-201B	For 5¢, 25¢, SBA with Yellow (Green) Connector CCTalk
EV100-101BS	5¢, 25¢, SBA for Western Money Systems
EV100-101CS	For 1¢ for Western Money Systems

EVOLUTION COIN HOPPER CONTINUED





Convenient cleaning of the coin optics by taking out the electroninc and optic board without the use of tools



EMC approval:

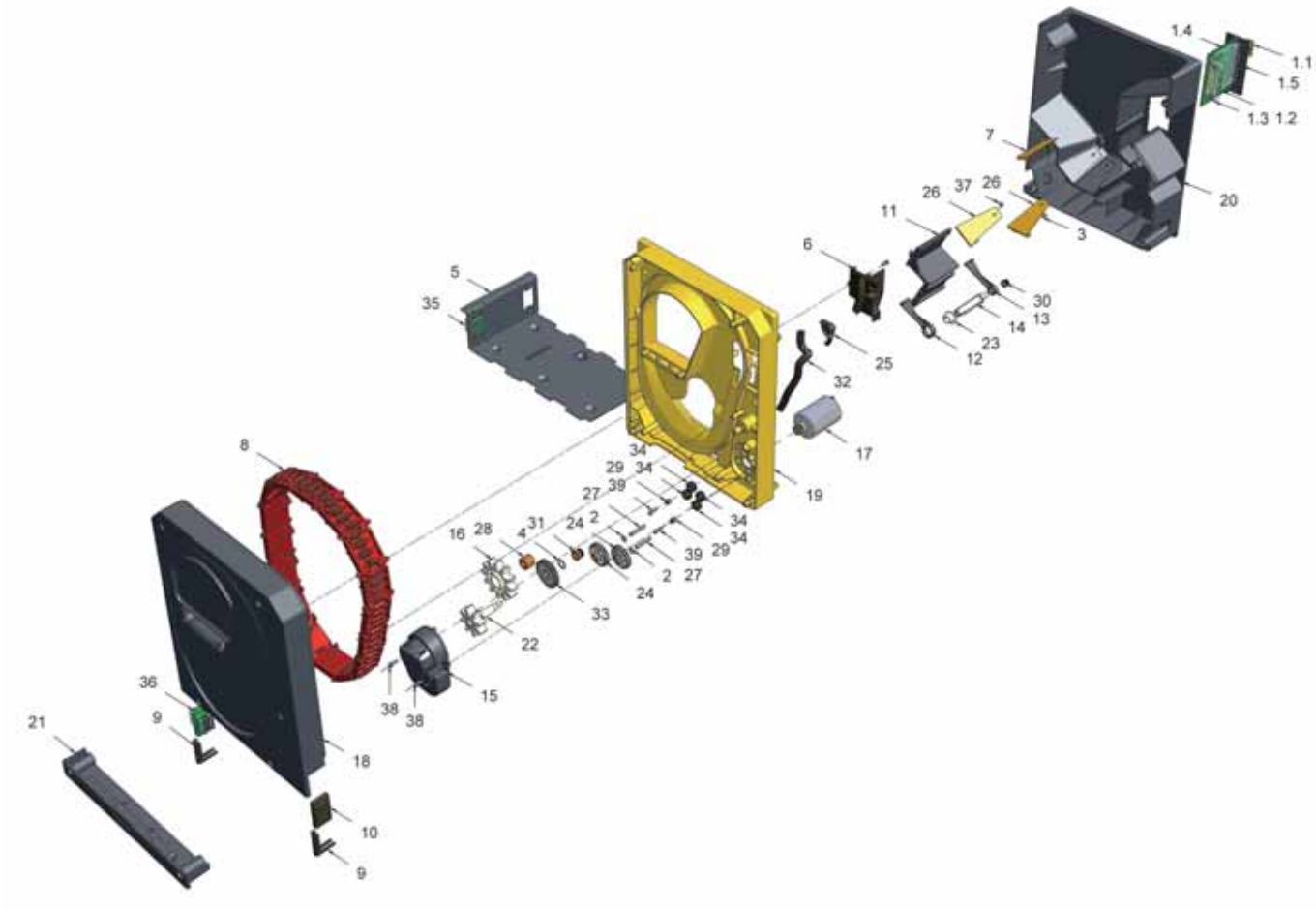
- EN 55014-1 (2000) + A1 (2001) + A2 (2002): Electromagnetic Compatibility: Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission
- EN 55014-2 (1997) + A1 (2001): Electromagnetic Compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 2: Immunity – Product family standard
- EN 61000-3-2 (2000): Electromagnetic compatibility - Part 3-2: Limits - Limits for Harmonic current emissions (equipment input current < 16A per phase)
- EN 61000-3-3 (1995) + A1 (2001): Electromagnetic compatibility - Part 3: Limits - Section 3: Limitation of voltage fluctuations and flicker in low- voltage supply systems for equipment with rated current < 16A

FCC approval:

- 47CFR15: Radio Frequency Devices

EVOLUTION COIN HOPPER SPECIFICATIONS			
Coin Range	Diameter	.63 - 1.22"	
	Thickness	.05 - .14"	
Coin Capacity	1100 x E1		
Payout speed	Approximately 270 coins per minute		
Electrical Interface		Parallel	Serial
Voltage	Nominal	24 VDC	24 VDC
	Minimum	18 VDC	20 VDC
	Maximum	26 VDC	26 VDC
Current (typical)	Idle	40 mA	40 mA
	Empty	0.2 A	0.2 A
	Full	0.7 A	0.7 A
	Surge	2.5 A	2.5 A
Environmental	Operating temperature	0 - 70˚C	
	Operating humidity	5 - 95% RH	
Interface Options	–Standard: Parallel		
	–Serial: ccTalk		

EVOLUTION COIN HOPPER CONTINUED



KEY	Part Number	Description	Pieces
1	**EV0037**	PCB BRACKET ASSEMBLY	1
1.1	**EV0010**	LOCKING SLIDE	1
1.2	**EV0011**	PCB COVER	1
1.3	**EV0012**	PRISMA	1
1.4	**EV0013**	PCB STANDARD	1
1.5	**EV0026**	PCB DOOR	1
2	**0.35X4.3X8**	0.35X4.3X8 WASHER	2
3	**0.5X3.3X8**	0.5X3.3X8 WASHER	3
4	**0.5X8.2X12**	0.5X8.2X12 WASHER	1
5	**EV0001**	MOUNTING BRACKET	1
6	**EV0005**	COIL MOUNTING BRACKET	1
7	**EV0006**	HIGH LEVEL PLATE	1
8	**EV0007**	TRACK PLATE	16
9	**EV0008**	PLUG ADAPTOR BRACKET	2
10	**EV0009**	PORT BLANC	1
11	**EV0014**	COIN SHAKER	1
12	**EV0015**	SHAKER ARM A	1
13	**EV0016**	SHAKER ARM B	1
14	**EV0017**	CAMSHAFT	1
15	**EV0018**	GEARBOX COVER	1
16	**EV0019**	OUTPUT GEAR	1
17	**EV0020**	MOTOR 24VDC AND GEAR	1

KEY	Part Number	Description	Pieces
18	**EV0022**	REAR-CABINET	1
19	**EV0023**	MIDDLE-CABINET	1
20	**EV0024**	FRONT-CABINET	1
21	**EV0025**	BOTTOM COVER	1
22	**EV0027**	IDLER GEAR	1
23	**EV0028**	CAMSHAFT BUSHING	1
24	**EV0029**	GEAR 12-34T	2
25	**EV0030**	CABLE-CLAMP	1
26	**EV0031**	LOW LEVEL PLATE	2
27	**EV0032**	GEAR SHAFT	2
28	**EV0033**	GEAR BUSHING	1
29	**EV0034**	SCREW BUSHING	2
30	**EV0035**	CAM BUSHING	1
31	**EV0036**	IDLER GEAR BUSHING	1
32	**EV0039**	CABLE WITH CONNECTOR	1
33	**EV0040**	GEAR 40T	1
34	**EV0041**	RUBBER ROLLER	4
35	**EV24-11**	MALE SOCKET 12 PIN	1
36	**EV24-11-1**	FEMALE SOCKET 12 PIN	1
37	**LOCK PIN**	LOCK-PIN	3
38	**PHC M308N**	SCREW	3
39	**PHC M310S**	SCREW	2

FLOW HOPPER

New

- New and innovative through hole hopper
- Perfect for many applications including Amusement, Vending, Gaming, Parking and Change machines
- Constructed of extremely durable, wear-resistant plastic along with state-of-the-art electronics
- Available in two interfaces – standard parallel interface or ccTalk serial interface
- Supplied with quick-fit release plate

Features:

- Compatible with other popular hopper devices
- Payout speed of up to 7 coins per second
- Three different bowl sizes available – small, medium and large
- Reliable through hole coin disk design
- Clean design – no external wires run for level sensors
- Integrated fall tube for simple dual hopper cabinet construction
- ccTalk version is available in encrypted and non-encrypted modes
- Parallel interface and standard 10-pin connector
- 12-24V power supply
- Continuous opto-sensor check
- Low level sensor and anti-jam feature



SUZO HAPP

FLOW



Large Cup



Medium Cup

Design Your Flow Hopper with the Matrix Below

RBM-712**I**-**D****C**

Interface | Coin Payout | Cup Size

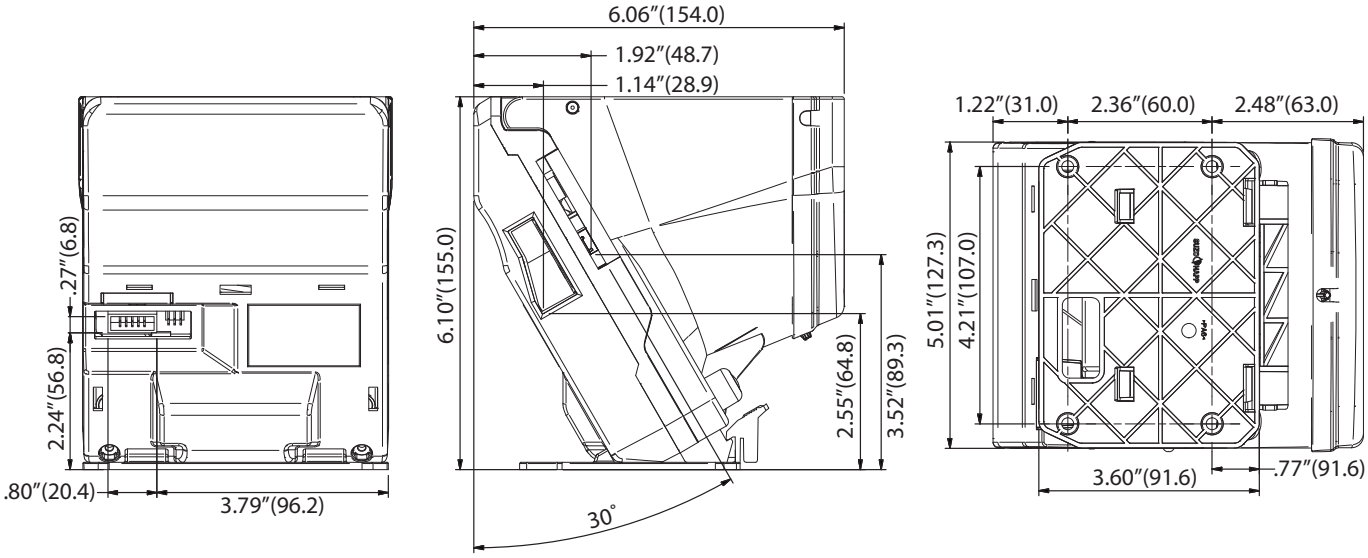
I = Interface	D = Coin Payout Disc	C = Cup Size
A = Parallel/Non-Incrypted	0 = 16-19mm Dia. / 1.6mm Thickness	S = Standard Cup (154mm)
B = CC-Talk/Non-Incrypted	1 = 16-19mm Dia. / 2.1mm Thickness	M = Medium Cup (189mm)
C = Parallel/Encrypted	2 = 16-19mm Dia. / 3.2mm Thickness	L = Large Cup (228mm)
D = CC-Talk/Encrypted	3 = 19-22mm Dia. / 2.1mm Thickness	
	4 = 19-22mm Dia. / 3.2mm Thickness	
	5 = 22-28mm Dia. / 2.1mm Thickness	
	6 = 22-28mm Dia. / 3.2mm Thickness	
	7 = 28-32mm Dia. / 2.1mm Thickness	
	8 = 28-32mm Dia. / 3.2mm Thickness	

FLOW HOPPER CONTINUED

New

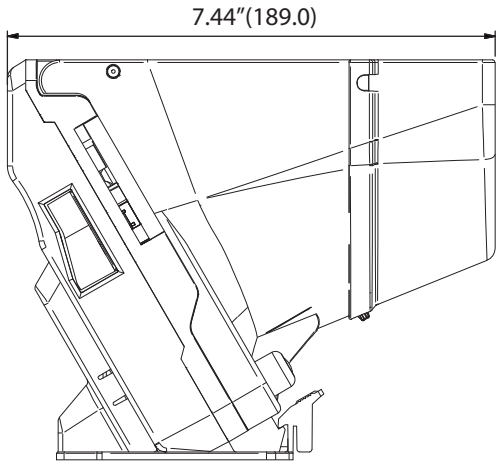


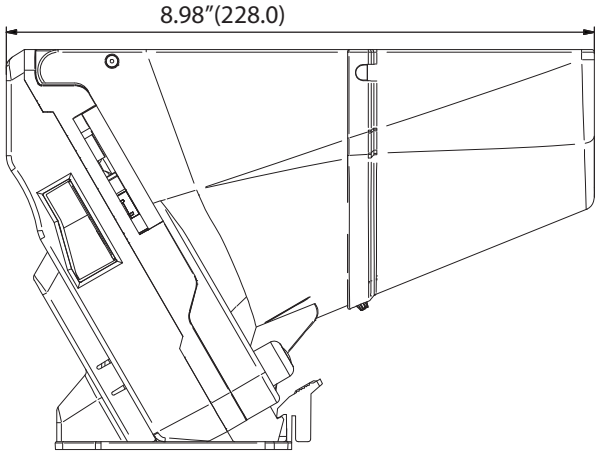
Flow Hopper Dimensions



Medium Cup Dimensions

Large Cup Dimensions





CUBE HOPPER MKII®

The Most Reliable Small Hopper In The Market Today

The Cube Hopper MKII has been designed according to the highest standards for reliability and security in the Gaming, Vending and Amusement Industries. This hopper is constructed of extremely durable, wear-resistant plastic. As a single denomination hopper, it features high speed operation and expandable hopper capacity. The Cube Hopper MKII has quickly built it's reputation as the most successful hopper on the market today. It is used extensively throughout the world.



Standard Features:

- Standard 450 coins capacity. 0.94" D (ø24mm) Maximum 2 extensions up to 1.01" (25.6 mm)
- Quick pay out speed: 400 coins per minute
- Coin size range 0.71" – 1.22" (18 - 31mm) Thickness 0.06" / 0.126" (1.5 / 3.2mm)
- Coin cup extensions available (optional) which will increase capacity up to an average of 400 coins per extension 0.94" D (ø24mm)
- Supplied complete with mounting bracket
- Easily and quickly converts into different coinage
- Low level cup sensing integrated into connector
- Planetary gearbox system provides maximum torque with minimal power consumption (350 mA to 850 mA with a 2 Amp peak on 24VDC)
- Standard operating voltages 12 or 24VDC
- Duty cycle 2:1
- CE approved
- Hopper is protected by auto reverse anti-jam
- Integrated optical read-out sensor under platform (Sensor cannot get dirty or be approached with any light source)
- Competitively priced
- RoHS compliant

ccTalk Cube Hopper MKII

The ccTalk Cube Hopper MKII offers all standard features and an advanced interface with secured-encrypted payout commands and continuous opto-sensor check. Power-supply range is 12 – 24 VDC. Electronic payout speed control at 24 VDC.

CUBE HOPPER MKII SPECIFICATIONS	
Operating Voltage	12V DC ±10% or 24V DC -25% +10%
Minimal operating Voltage	Pin 8 : 10.8V DC - pin 7 : 18V DC
Temperature min	0ºC
Temperature max	50ºC
Duty Cycle	2:1
Humidity min	20%
Humidity max	75%
Coins per second	±7
Payout position	4 sides
Max current not loaded	400mA
Max current loaded	850mA
Max current	2A (Jam)
Connector	9-way connector + pins Type: Molex 22-01-2095 + 08-50-0032
Payout signal	Open collector-active low 25mA-35V
Coin size	0.71"-1.22" (18.00mm - 31.00mm)
Coin thickness	0.06"-0.13" (1.50mm - 3.20mm)
Min. time between coins	100mS
Min. time obstructs optics	30mS

Cube Hopper MKII	ccTalk Cube Hopper	Country of Origin	Payout Denomination	Coin Disc	Insert Plate
10-1700-20	**10-2000-20**	USA	1 Cent, 5 Cent	10-0240-2	10-0238
10-1700-41	**10-2000-41**	USA	25 Cent	10-0240-4	10-0238-2
10-1700-83	**10-2000-83**	USA	SBA New & Old	10-0240-8	10-0238-3
10-1700-20	**10-2000-20**	Canada	1 Cent, 5 Cent	10-0240-2	10-0238
10-1700-40	**10-2000-40**	Canada	25 Cent	10-0240-4	10-0238-1
10-1700-83	**10-2000-83**	Canada	50 Cent, 1 Dollar	10-0240-8	10-0238-3
10-1700-84	**10-2000-84**	Canada	2 Dollar	10-0240-8	10-0238-4
10-1700-20	**10-2000-20**	Mexico	1 Peso	10-0240-2	10-0238
10-1700-41	**10-2000-41**	Mexico	5 Peso	10-0240-4	10-0238-2
10-1700-94	**10-2000-94**	Mexico	10 Peso	10-0240-9	10-0238-4
10-1700-41	**10-2000-41**	-	0.984 - Token	10-0240-4	10-0238-2
10-1700-40	**10-2000-40**	-	0.900, 0.880 - Token	10-0240-4	10-0238-1
10-1700-20	**10-2000-20**	-	0.800 - Token	10-0240-2	10-0238

CUBE HOPPER EXTENSION



Enlarges the Capacity of the Cube Hopper with 1 or 2 Extensions

Features:

- Capacity enlargement with 1 extension is from 450 to 900 coins, 0.94" D (ø24mm)
- Capacity enlargement with 2 extensions is from 450 to 1200 coins, 0.94" D (ø24mm)
- Only possible with coins maximum 1.01" D (25.6 mm)
- Easy snap-in fitting

Part Number	Description
10-0200	Cube Hopper Extension

DRIVER INTERFACE CABLE



- This interface solves the problem when the switching transistor in the host machine is not powerful enough to drive the CUBE HOPPER. It also fixes the problem of coins remaining in the coin exit
- This occasionally happens if the “STOP” command is received too early. By checking the coin-out sensor, the interface will turn the motor until the coin blocking the optic sensor is ejected and cleared

Part Number	Description
10-0150-1	Driver Interface Cable

COIN INSERT PLATE



- Replacement plate for the Cube Hopper MKII
- See the chart on the previous page for the plate that corresponds with the denomination of your Cube Hopper MKII

Coin Insert Plate	Country of Origin	Denomination
10-0238	USA	1 Cent, 5 Cent
10-0238-2	USA	25 Cent
10-0238-3	USA	SBA New & Old
10-0238	Canada	1 Cent, 5 Cent
10-0238-1	Canada	25 Cent
10-0238-3	Canada	50 Cent, 1 Dollar
10-0238-4	Canada	2 Dollar
10-0238	Mexico	1 Peso
10-0238-2	Mexico	5 Pesos
10-0238-4	Mexico	10 Pesos
10-0238-2	-	0.984 - Token
10-0238-1	-	0.900, 0.800 - Token
10-0238	-	0.800 - Token

PAYOUT DISC



- Replacement disc for the Cube Hopper MKII
- See the chart on the previous page for the disc that corresponds with the denomination of your Cube Hopper MKII

Coin Insert Plate	Country of Origin	Denomination
10-0240-2	USA	1 Cent, 5 Cent
10-0240-4	USA	25 Cent
10-0240-8	USA	SBA New & Old
10-0240-2	Canada	1 Cent, 5 Cent
10-0240-4	Canada	25 Cent
10-0240-8	Canada	50 Cent, 1 Dollar
10-0240-8	Canada	2 Dollar
10-0240-2	Mexico	1 Peso
10-0240-4	Mexico	5 Pesos
10-0240-9	Mexico	10 Pesos
10-0240-4	-	0.984 - Token
10-0240-4	-	0.900, 0.800 - Token
10-0240-2	-	0.800 - Token

1-ENTRY OVER/UNDER UPSTACKER VALIDATOR DOOR

- Thicker 16 gauge steel for improved security
- Industry standard mounting dimensions allows this exclusive Suzo-Happ design to be used in the most popular games
- Innovative design to accommodate up to a 500 Bill Capacity stacker for MEI AE Validator
- Innovative mech. holder design prevents “stringing” and holds mech. firmly in place for maximum coin acceptance
- Designed to utilize both MEI AE2451U3E & AE2451U5E and Ardac USA3 (88X5033) and DBA5 (88X5118) Bill Validators
- Accepts both bills and coins
- Capacity of over $1,350 in coins
- Validator Harness with AC plug included
- Security ribs cast into frame to prevent pry bar entry
- Fitted with $.25 U.S. mech.





Door Pictured with Optional Bill Validator

featuring

CONVERTIBLE COIN/CURRENCY DOOR SYSTEM

mei

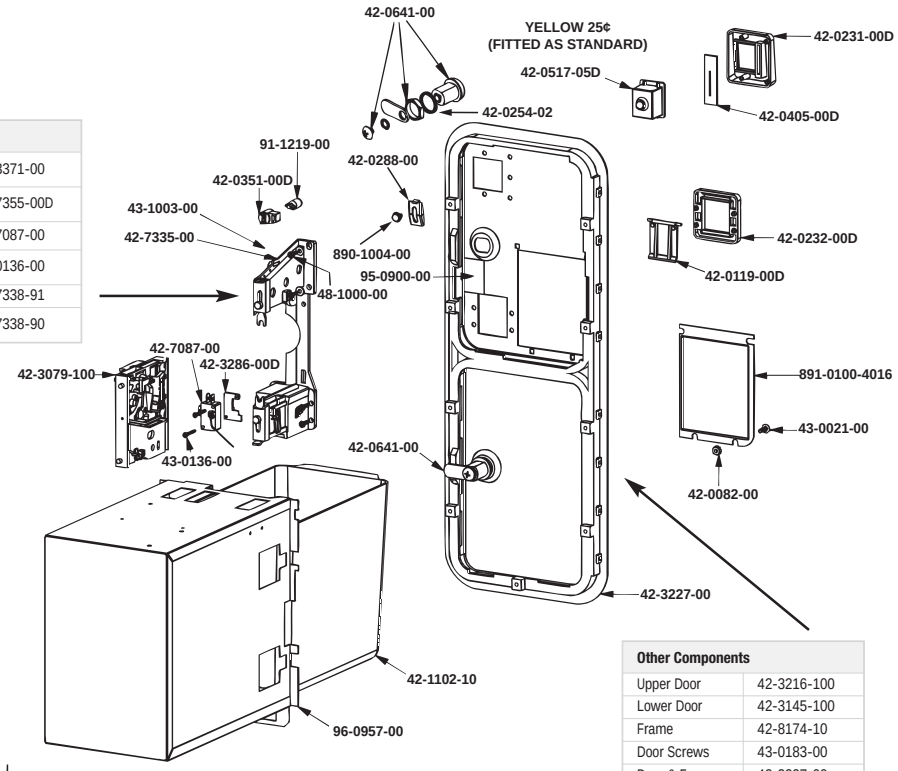
EXCLUSIVE

Custom "Guardian" Security Hasp available to protect your dollars, see page 344-347

GUARDIAN

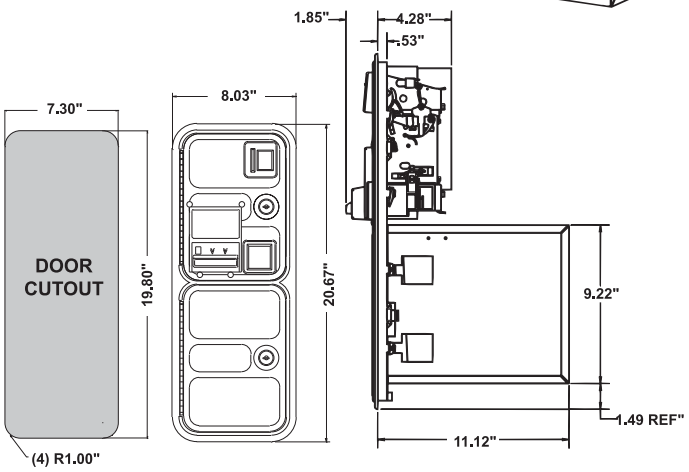


Mech Holder Parts	
Mech Holder w/Coin Switch	42-3371-00
Mech Holder w/o Coin Switch	42-7355-00D
Coin Switch	42-7087-00
Screw for Coin Switch	43-0136-00
Metal Clip	42-7338-91
Thumbscrew for Metal Clip	42-7338-90



Other Components	
Upper Door	42-3216-100
Lower Door	42-3145-100
Frame	42-8174-10
Door Screws	43-0183-00
Door & Frame	42-3227-00

MOUNTING DIMENSIONS





42-7057-00

Part Number	Description
40-7000-00	1-Entry O/U Upstacker Validator Door without Validator

2-COIN ENTRY OVER/UNDER STACKER VALIDATOR DOOR

- Industry standard mounting dimensions allows this exclusive Suzo-Happ design to be used in the most popular games
- Innovative design to accommodate up to a 300 Bill Capacity stacker for MEI AE Validator
- Innovative mech. holder design prevents “stringing” and holds mech. firmly in place for maximum coin acceptance
- Designed to utilize MEI AE2411U3E or AE2451U3E Bill Validators in an upside down position
- Accepts both bills and coins
- Capacity of over $1,000 in coins
- Validator Harness with AC plug included
- Security ribs cast into frame to prevent pry bar entry
- Fitted with $.25 US mech





Door Pictured with Optional Bill Validator

EXCLUSIVE

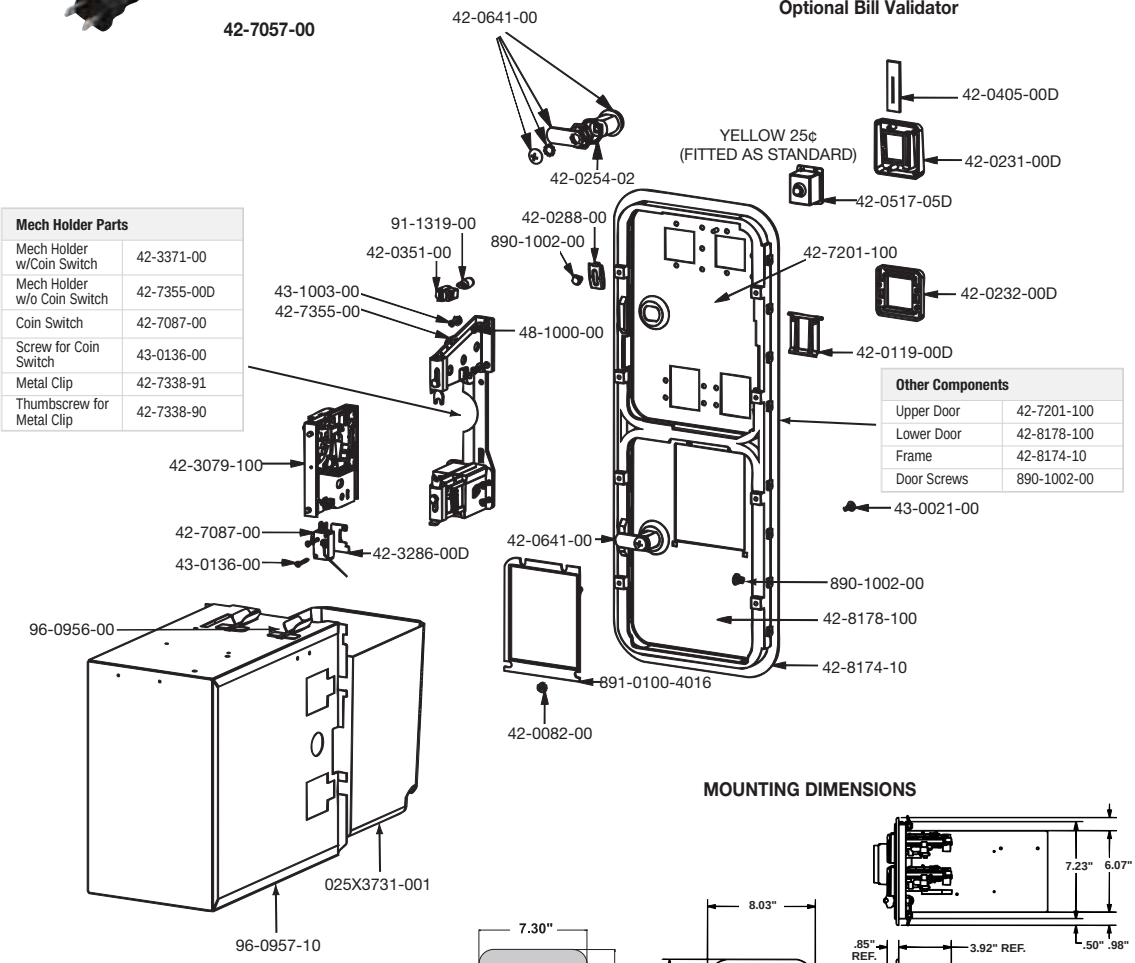
Custom "Guardian" Security Hasp available to protect your dollars, see page 344-347

GUARDIAN





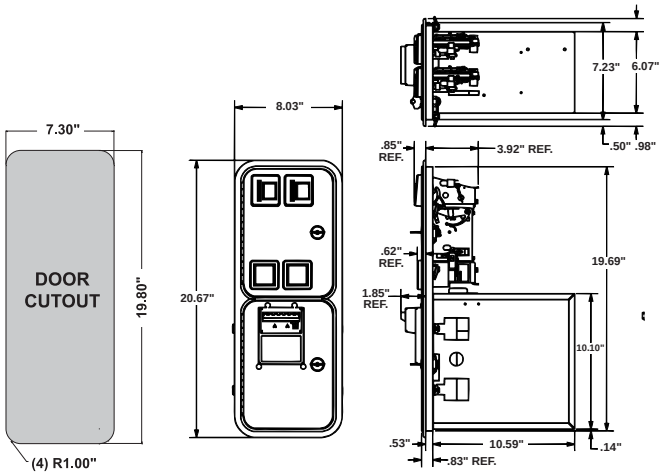
42-7057-00



Mech Holder Parts	
Mech Holder w/Coin Switch	42-3371-00
Mech Holder w/o Coin Switch	42-7355-00D
Coin Switch	42-7087-00
Screw for Coin Switch	43-0136-00
Metal Clip	42-7338-91
Thumbscrew for Metal Clip	42-7338-90

Other Components	
Upper Door	42-7201-100
Lower Door	42-8178-100
Frame	42-8174-10
Door Screws	890-1002-00

MOUNTING DIMENSIONS



Part Number	Description
40-6000-00	2-Coin Entry O/U Stacker Validator Door, $.25 & $.25 without Validator
40-6000-10	2-Coin Entry O/U Stacker Validator Door, $1.00 & $.25 without Validator
40-6300-00	2-Coin Entry O/U Stacker Validator Door, $.25 & $.25 with MEI AE2451U3E (300 Bill Capacity Stacker)

CONVERTIBLE COIN/CURRENCY DOOR SYSTEM

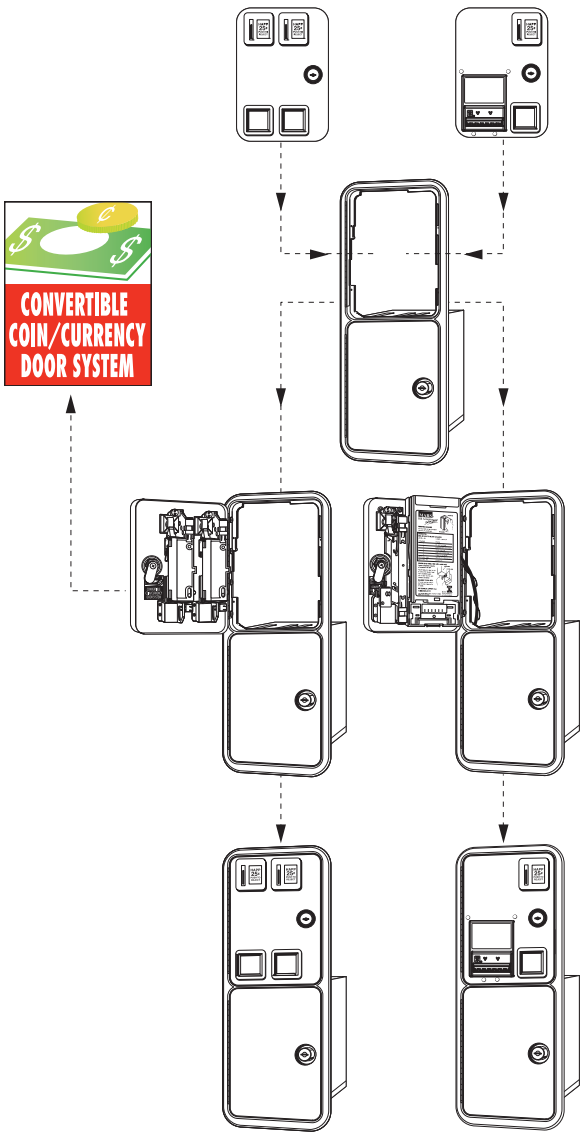


Suzo-Happ introduces the first Flexible coin door system that changes with your needs.

The Convertible Coin/Currency Door System from Suzo-Happ is designed with Flexibility in mind. The upper door of this new innovative coin door is designed to be easily removed and converted to various door combinations to maximize your potential earnings. Whether it be a 2-Coin Entry, or 1 Coin Entry with Validator, conversion is as easy as removing 4 screws and installing the upper door of your choice. For easy identification purposes, each Convertible Coin/Currency Door System is identified with a yellow label just under the lock of the upper door.

Be certain to exercise your Flexibility on your next game simply ask for it by name, Convertible Coin/Currency Door System exclusively from Suzo-Happ.

*Will also work with Wells Gardner/Coin Controls frame



The Convertible Coin/Currency Door System is utilized in the following coin/currency doors:

mei

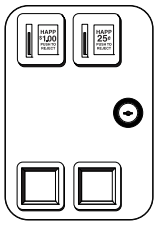


Over/Under Door
Page 104

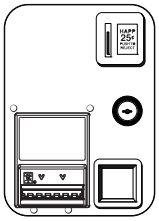


Over/Under Upstacker Validator Door,
Page 100

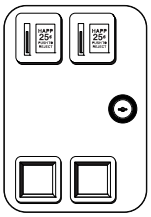
UPPER DOOR ASSEMBLIES



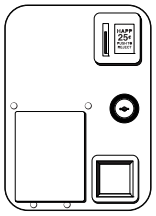
42-7196-100
2 Coin Entry ($1.00 and $.25)



42-7198-00
1 Coin Entry ($.25) w/ MEI AE2451-U3E ($1, $5) Validator (300 Bill Capacity)



42-7196-00
2 Coin Entry ($.25 & $.25)



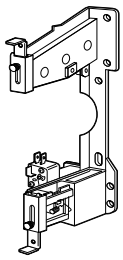
42-7199-00
1 Coin Entry ($.25) Validator Cutout with Blanking Plate for use with MEI (300 & 500 Bill Capacity)

REAR ENTRY MECH HOLDER SYSTEM

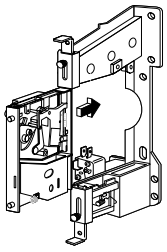
All Suzo-Happ Coin Doors feature our exclusive mech holder design:

- "Universal" Patented one-piece mech holder, fits all known 3" x 5" mechanical and electronic acceptors on the market.
- No removable locking bar to get lost
- Durable nylon plastic

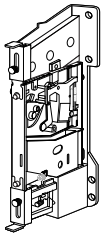
Loosen thumbscrews and lift metal clips



Insert/Remove coin mechanism as shown



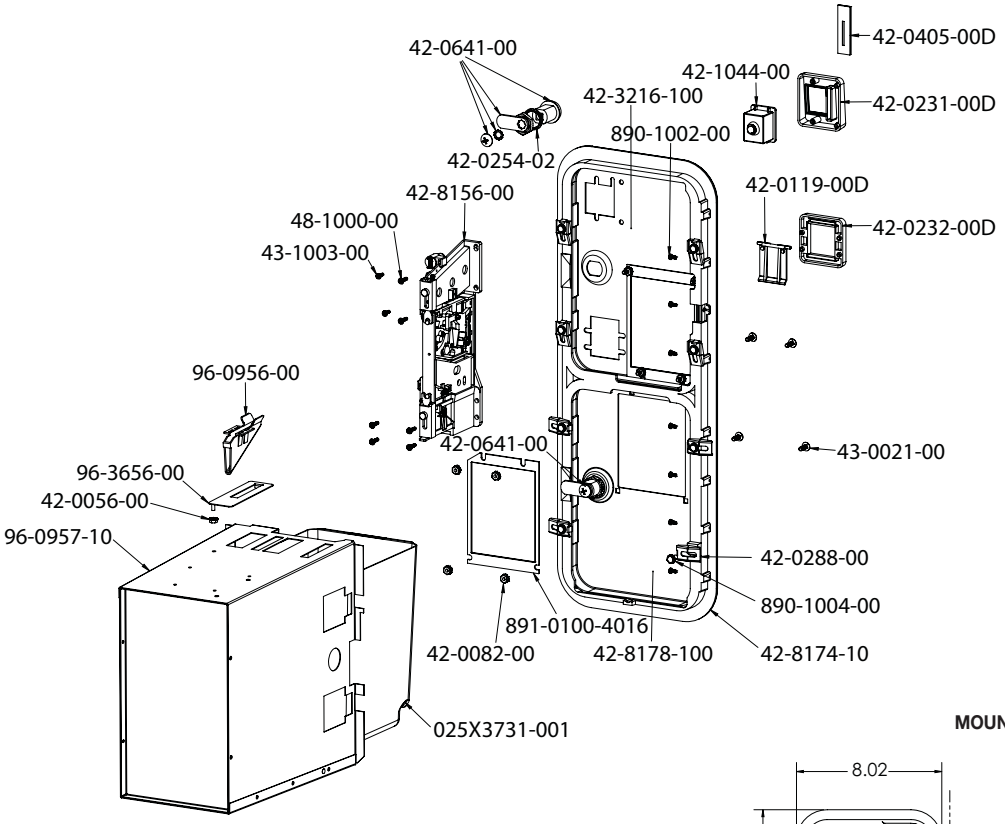
Slide metal clip down and tighten 2 thumbscrews



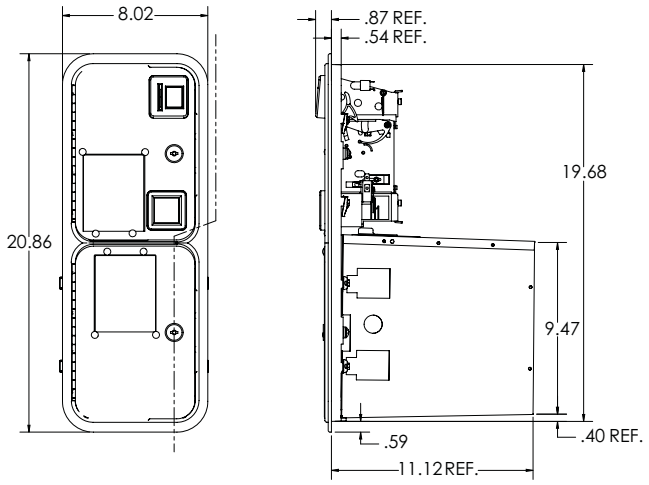
1-ENTRY OVER/UNDER STACKER DUAL VALIDATOR DOOR

- Industry standard mounting dimensions allows this exclusive Suzo-Happ design to be used in the most popular games
- Innovative design to accommodate dual MEI bill validators when increased bill acceptance capacity in a location is a must
- Upper door will accommodate the MEI AE validator (AE2451U3E or AE2451U5E) with up to a 500 Bill Capacity stacker
- Lower door will accommodate the MEI AE validator (AE2411U3E, AE2451U3E, AE2411U3E or AE2451U3E Bill Validators mounted in an upside down position) with up to a 300 Bill Capacity stacker
- 4 x $.25 1 Play reject button labels
- New innovative mech. holder design prevents “stringing” and holds mech. firmly in place for maximum coin acceptance
- Accepts both bills and coins
- Capacity of over $1,000 in coins
- Validator Harness with AC plug included
- Security ribs cast into frame to prevent pry bar entry





MOUNTING DIMENSIONS



Part Number	Description
40-6000-1EVV	1-Entry O/U Stacker Dual Validator Door w/o Validators

OVER/UNDER DOOR

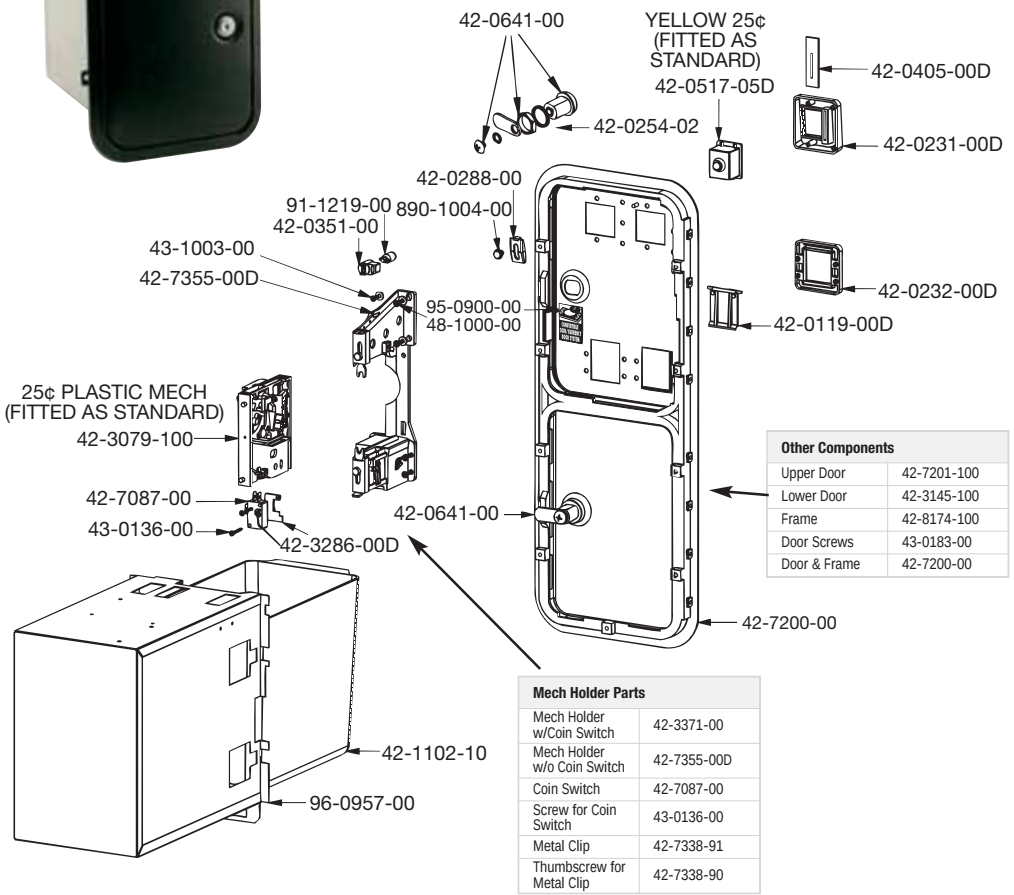
- Thicker 16 gauge steel for improved security
- Convertible Coin/Currency Door System compatible (See previous page)
- Sturdy one-piece frame of die cast aluminum
- Security ribs to prevent pry bar entry are cast into frame
- "Universal" one-piece mech. holder design. Will fit all known 3" x 5" mechanical and electronic acceptors on the market.
- Exclusive reject button design with unbreakable metal plunger
- Fitted with full metal cash box enclosure
- Mounting hardware included
- Industry standard mounting dimensions
- AMOA standard locks
- Estimated cashbox capacity: $1,350 in U.S. Quarters
- 14V lamp standard
- Fitted with $.25 US mech

Optional Equipment:

- Coin meter 4.5 VDC or 12 VDC
- Custom wire harness
- Foreign and token coin mechs
- Replacement Upper Door assembly for Suzo-Happ Door 40-0055-03

See page 140 for Denomination Insert Selection





Other Components	
Upper Door	42-7201-100
Lower Door	42-3145-100
Frame	42-8174-100
Door Screws	43-0183-00
Door & Frame	42-7200-00

Mech Holder Parts	
Mech Holder w/Coin Switch	42-3371-00
Mech Holder w/o Coin Switch	42-7355-00D
Coin Switch	42-7087-00
Screw for Coin Switch	43-0136-00
Metal Clip	42-7338-91
Thumbscrew for Metal Clip	42-7338-90

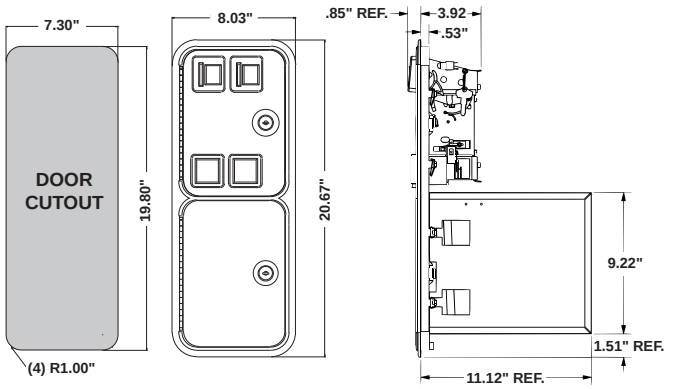
EXCLUSIVE

Custom "Guardian" Security Hasp available to protect your dollars, see page 344-347

GUARDIAN



MOUNTING DIMENSIONS



Part Number	Description
40-0038-00	Over/Under Door with Cashbox and Full Metal Enclosure

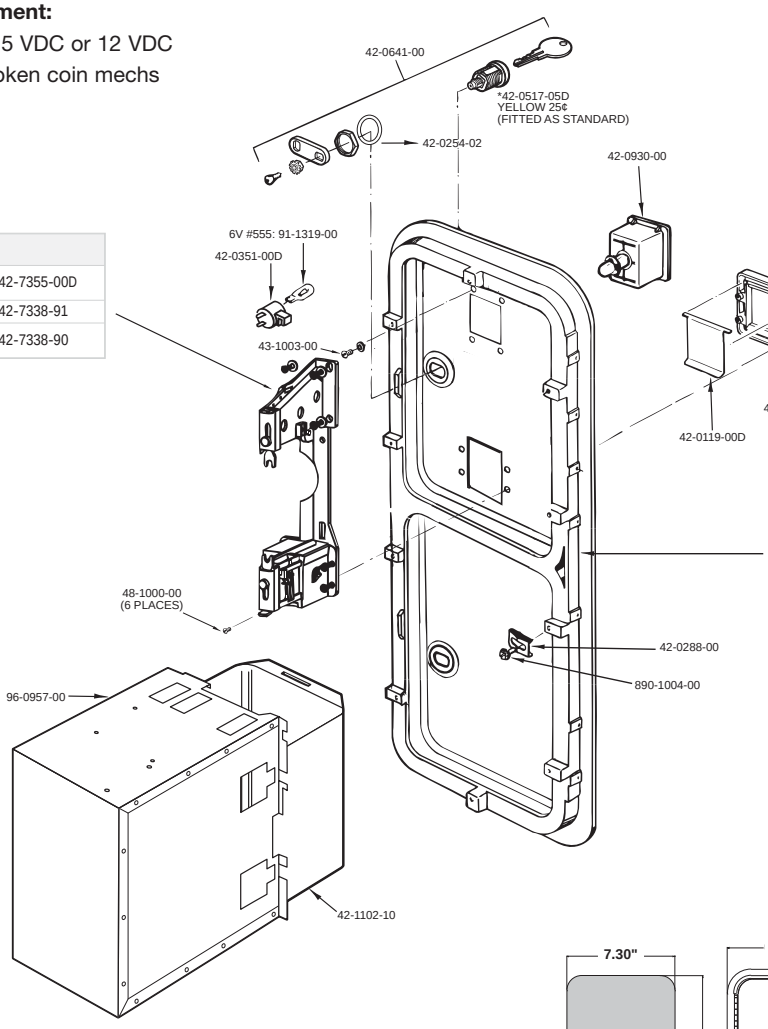
OVER/UNDER DOOR - SINGLE ENTRY

- New, thicker 16 gauge steel for improved security
- Ideal coin door for electronic mech applications
- Sturdy one-piece frame of die cast aluminum
- Security ribs to prevent pry bar entry are cast into frame
- “Universal” one-piece mech. holder design. Will fit all known 3" x 5" mechanical and electronic acceptors on the market.
  See page 102 for illustration
- Exclusive reject button design with unbreakable metal plunger
- Heavy duty 16 gauge drawn steel doors
- Fitted with full metal cash box enclosure
- Mounting hardware included
- Industry standard mounting dimensions
- AMOA standard locks
- Estimated cashbox capacity: $1,350 in U.S. Quarters



Optional Equipment:

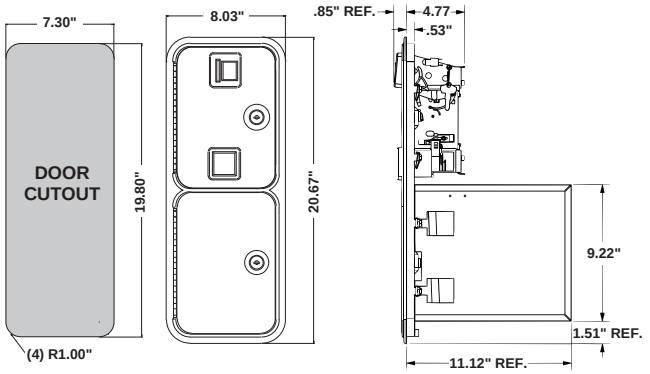
- Coin meter, 4.5 VDC or 12 VDC
- Foreign and token coin mechs



Mech Holder Parts	
Mech Holder w/Coin Switch	42-7355-00D
Metal Clip	42-7338-91
Thumbscrew for Metal Clip	42-7338-90

Other Components	
Upper Door	42-7233-100
Lower Door	42-3145-00
Frame	42-3272-00
Door Screws	43-0183-00
Door & Frame	42-0724-00

MOUNTING DIMENSIONS



Part Number	Description
40-0512-00	Over/Under Door Single Entry Universal Logo with Cashbox and Full Metal Enclosure without Mech
42-3079-100	Suzo-Happ $.25 Ultimech

OVER/UNDER UPSTACKER MID-WIDTH VALIDATOR DOOR

- New innovative design allows the use of 2 coin entries plus bill validator acceptance
- This innovative design allows the use of the new $1 coin Accepts money in three different ways with a simple coin mech change; 25¢ coin, $1 coin and dollar bills
- Accepts either MEI (Series 2000), or Dixie Narco Upstacking Bill Validators
- Heavy Duty 14 Gauge steel door
- New innovative mech. holder design prevents “stringing” and holds mech. firmly in place for maximum coin acceptance
- Sold with or without bill validator installed
- Exclusive reject button design with unbreakable metal plunger
- Sturdy one-piece steel frame with door clips for installation into cabinet
- Fitted with full metal cashbox enclosure
- Includes meter mounting provision inside of cashbox enclosure
- Cashbox will hold an estimated $1,350 in US Quarters
- MEI & Ardac Validator Harness with AC plug included
- Security ribs in frame prevent pry bar entry
- Mounting hardware included
- Fitted with $.25 US mech

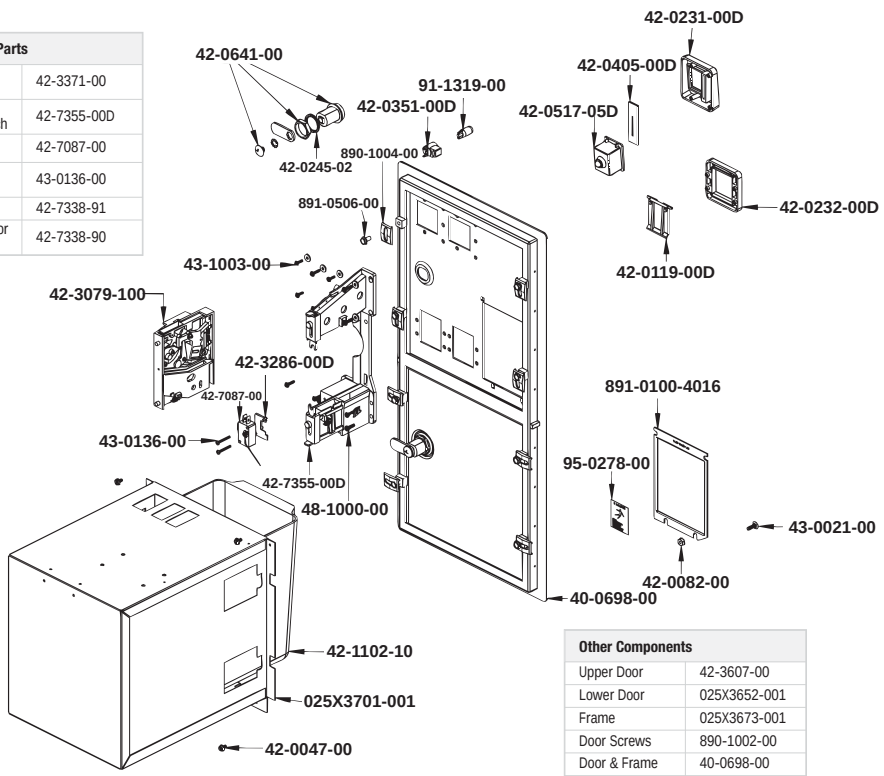


Mech Holder Parts	
Mech Holder w/Coin Switch	42-3371-00
Mech Holder w/o Coin Switch	42-7355-00D
Coin Switch	42-7087-00
Screw for Coin Switch	43-0136-00
Metal Clip	42-7338-91
Thumbscrew for Metal Clip	42-7338-90

EXCLUSIVE
Custom "Guardian" Security Hasp available to protect your dollars, see page 344-347

GUARDIAN



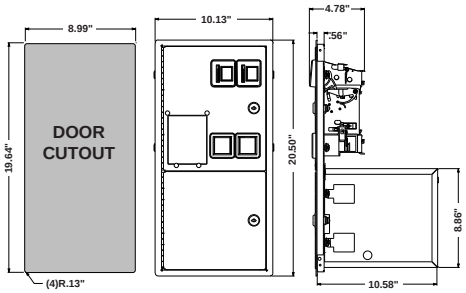


Other Components	
Upper Door	42-3607-00
Lower Door	025X3652-001
Frame	025X3673-001
Door Screws	890-1002-00
Door & Frame	40-0698-00



42-7057-00

MOUNTING DIMENSIONS



Part Number	Description
40-3000-00	Mid-Width Door without Validator Installed

OVER/UNDER MINI DOOR SYSTEM

- Ideal coin door where space is a premium
- Sturdy one-piece frame of die cast aluminum
- Security ribs to prevent pry bar entry are cast into frame
- "Universal" one-piece mech. holder design. Will fit all known 3" x 5" mechanical and electronic acceptors on the market
- Exclusive reject button design with unbreakable metal plunger
- Fitted with full metal cashbox enclosure
- AMOA standard locks
- Estimated cashbox capacity: $400 in U.S. Quarters
- Bill validator version fitted with Ardac DBA7 validator to accept $1, $5, $10, and $20 bills with a stacker capacity of 250 bills
- Single entry ideal for use for Electronic Coin Mech. applications
- Fitted with $.25 US mech

Note: Upper door of 40-0519-00 is not tall enough to utilize MEI Series 2000 Upstacker Bill Validator

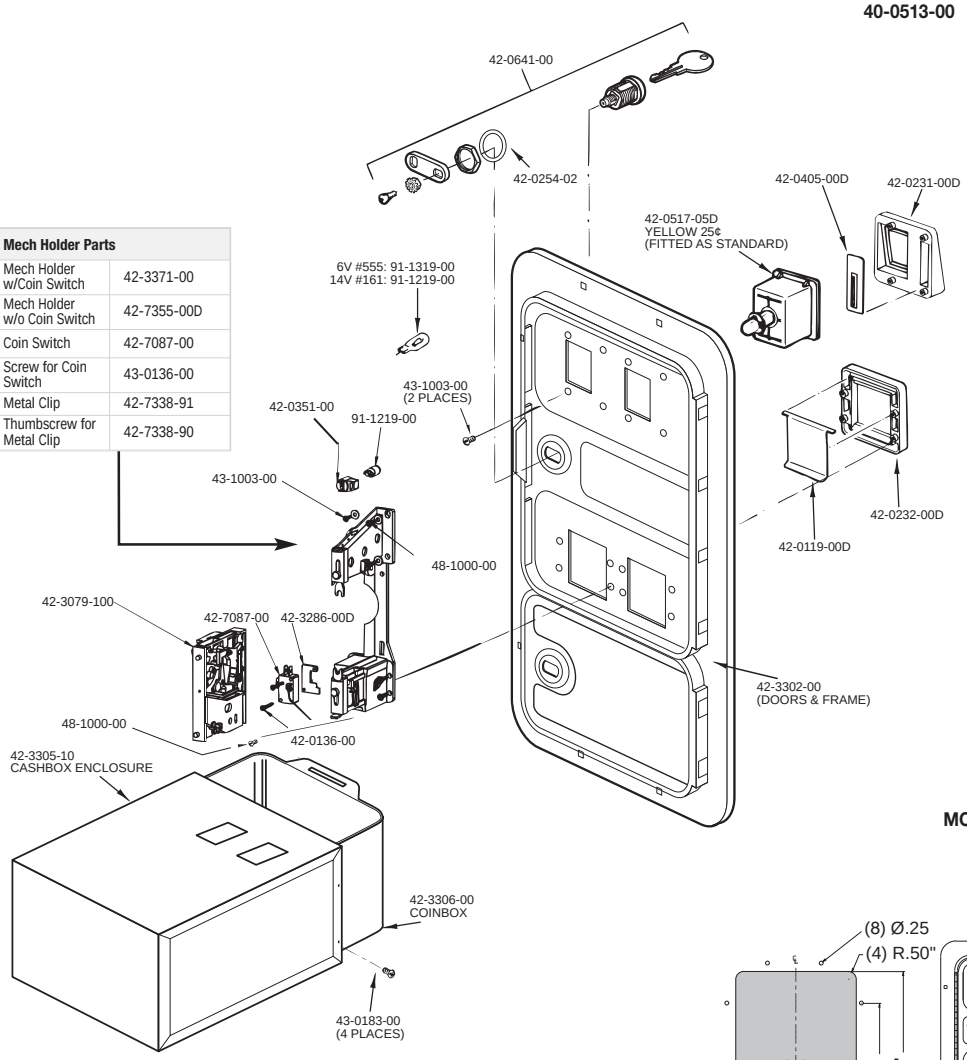


40-0513-00

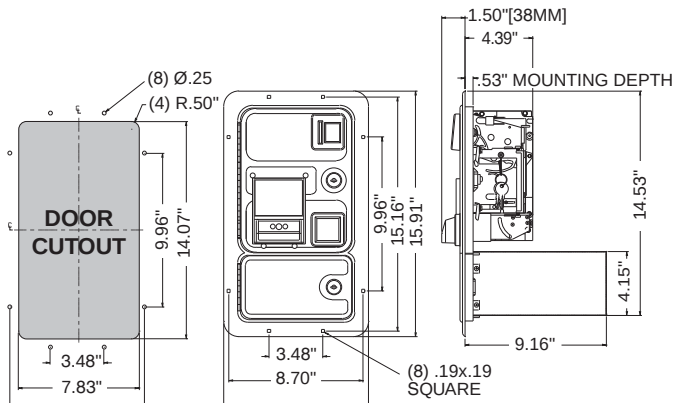


40-0514-00

Mech Holder Parts	
Mech Holder w/Coin Switch	42-3371-00
Mech Holder w/o Coin Switch	42-7355-00D
Coin Switch	42-7087-00
Screw for Coin Switch	43-0136-00
Metal Clip	42-7338-91
Thumbscrew for Metal Clip	42-7338-90



MOUNTING DIMENSIONS



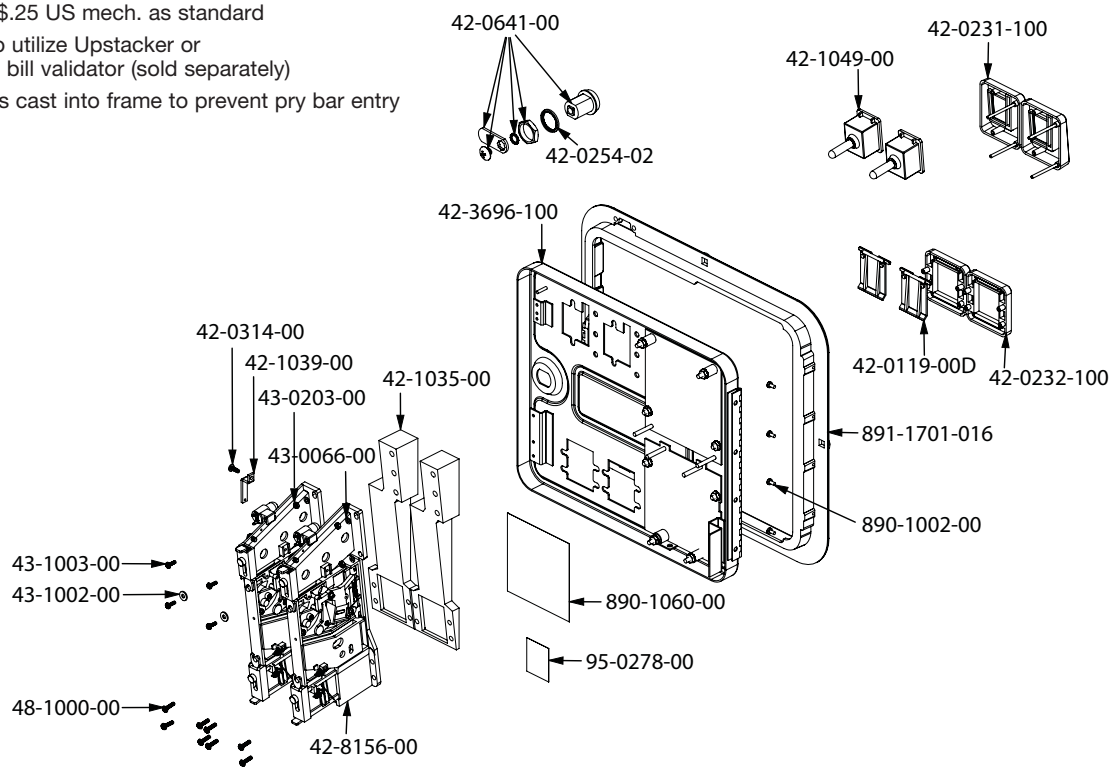
Part Number	Description
40-0513-00	Over/Under Mini Door, 2-Entry
40-0514-00	Over/Under Mini Door, 1-Entry

PINBALL VALIDATOR DOOR FOR INCLINED APPLICATIONS

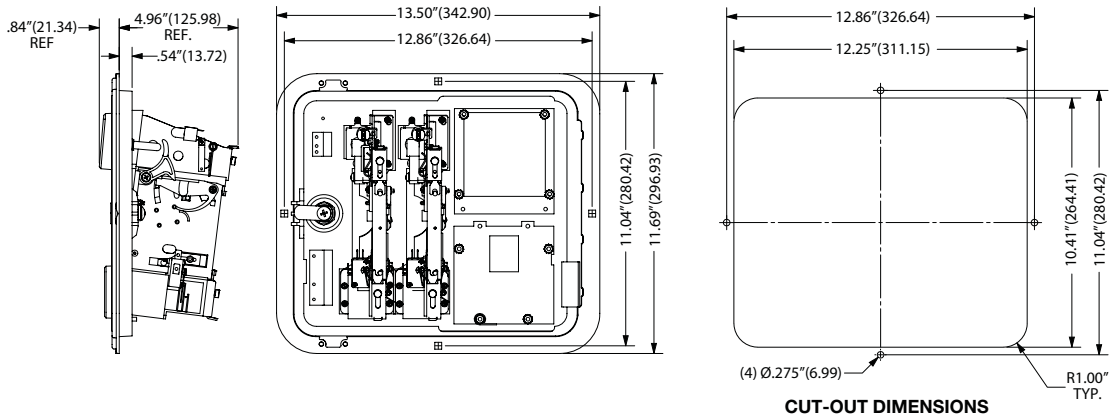
New

- Has inclined spacers system within coin door to allow it to operate when installed in cabinet that is pitched forward 7 degrees
- Replacement door for Valley-Dynamo Air Hockey tables (Ref. No. 880303140)
- Industry standard mounting dimensions allows this door to be used in the most popular games
- "Universal" one-piece mech. holder design. Will fit all known 3" x 5" mechanical and electronic acceptors on the market. See page 102 for illustration
- Heavy 16 gauge steel door
- Sturdy die cast aluminum frame
- Accepts both bills and coins
- Fitted with $.25 US mech. as standard
- Designed to utilize Upstacker or Stackerless bill validator (sold separately)
- Security ribs cast into frame to prevent pry bar entry





MOUNTING DIMENSIONS



CUT-OUT DIMENSIONS

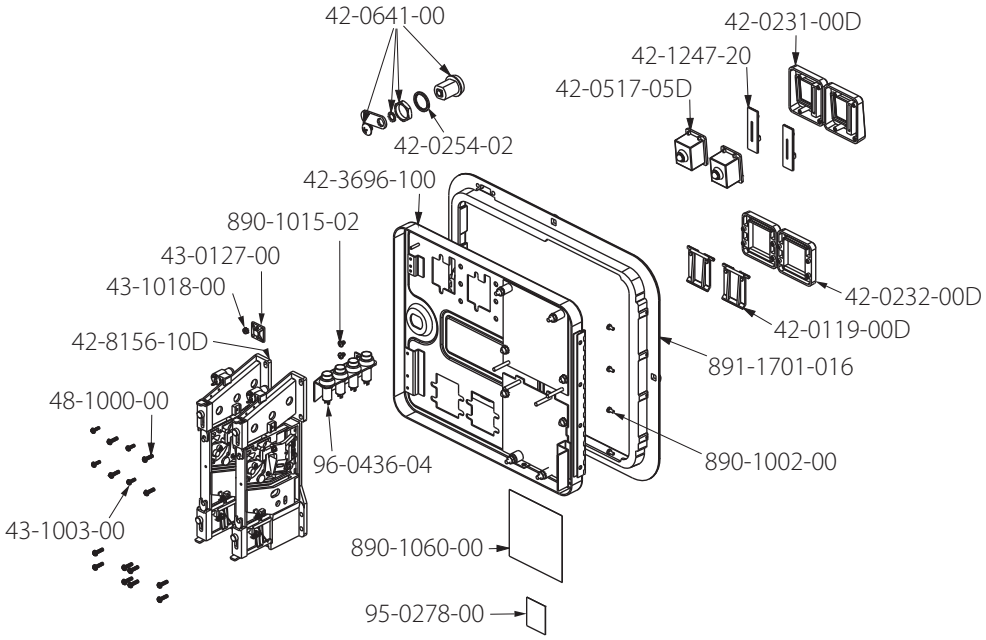
Part Number	Description
40-0696-40	Pinball Validator Door for Inclined Applications, $.25 Coin without Bill Validator

PINBALL VALIDATOR DOOR

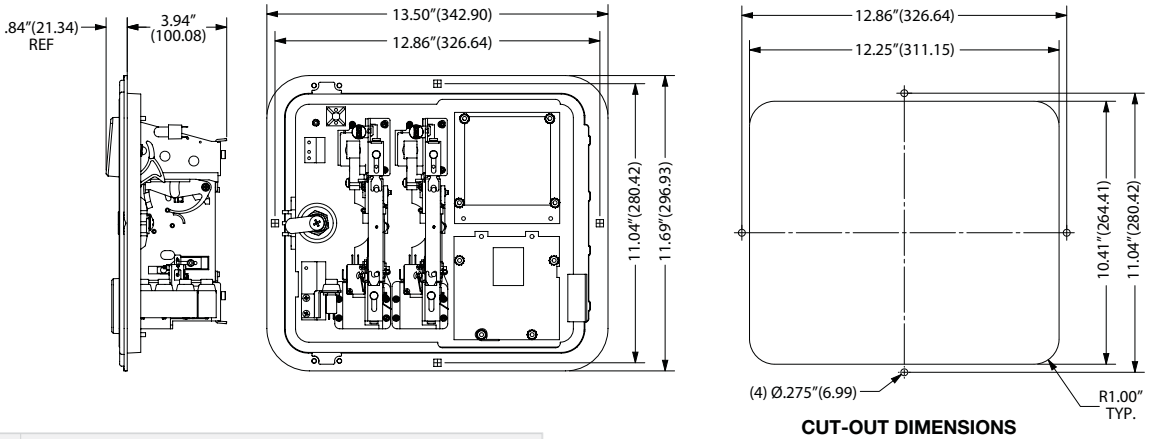
New

- Industry standard mounting dimensions allows this door to be used in the most popular games
- Replacement door for Stern pinballs
- Includes Stern 4 button diagnostic switch & harness
- "Universal" one-piece mech. holder design. Will fit all known 3" x 5" mechanical and electronic acceptors on the market
See page 102 for illustration
- Heavy 16 gauge steel door
- Sturdy die cast aluminum frame
- Accepts both bills and coins
- Fitted with $.25 US mech. as standard
- Designed to utilize MEI Upstacker or Stackerless bill validator (sold separately)
- Security ribs cast into frame to prevent pry bar entry





MOUNTING DIMENSIONS



CUT-OUT DIMENSIONS

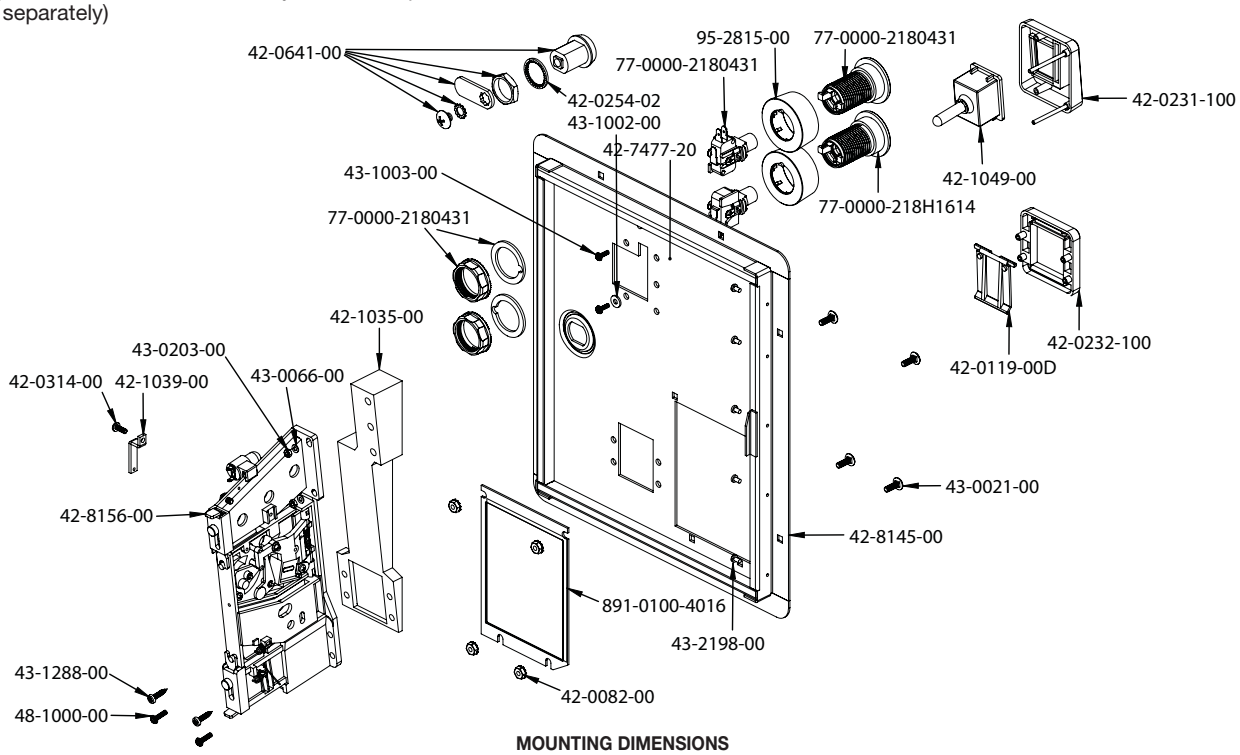
Part Number	Description
40-0696-24	Pinball Validator Door, $.25 Coin without Bill Validator

UPPER MID-WIDTH VALIDATOR DOOR FOR INCLINED APPLICATIONS WITH 2 PUSHBUTTONS

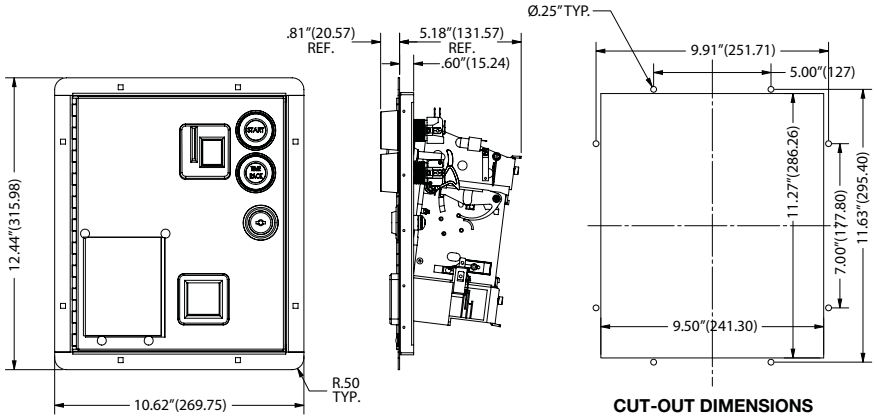
New

- Has inclined spacers system within coin door to allow it to operate when installed in cabinet that is pitched forward 7 degrees
- Replacement door for Valley-Dynamo Pool tables (Ref. No. 880303205)
- 2 Pushbuttons “Start” and “Time Rack” with raised profile adapters to prevent accidental actuation of button during game play
- “Universal” one-piece mech. holder design. Will fit all known 3" x 5" mechanical and electronic acceptors on the market
See page 102 for illustration
- Heavy 16 gauge steel door
- Sturdy die cast aluminum frame
- Accepts both bills and coins
- Fitted with $.25 US mech. as standard
- Universal Coin in Fingers logo in reject button
- Designed to utilize MEI 12v Battery Powered Upstacker bill validator (sold separately)





MOUNTING DIMENSIONS



CUT-OUT DIMENSIONS

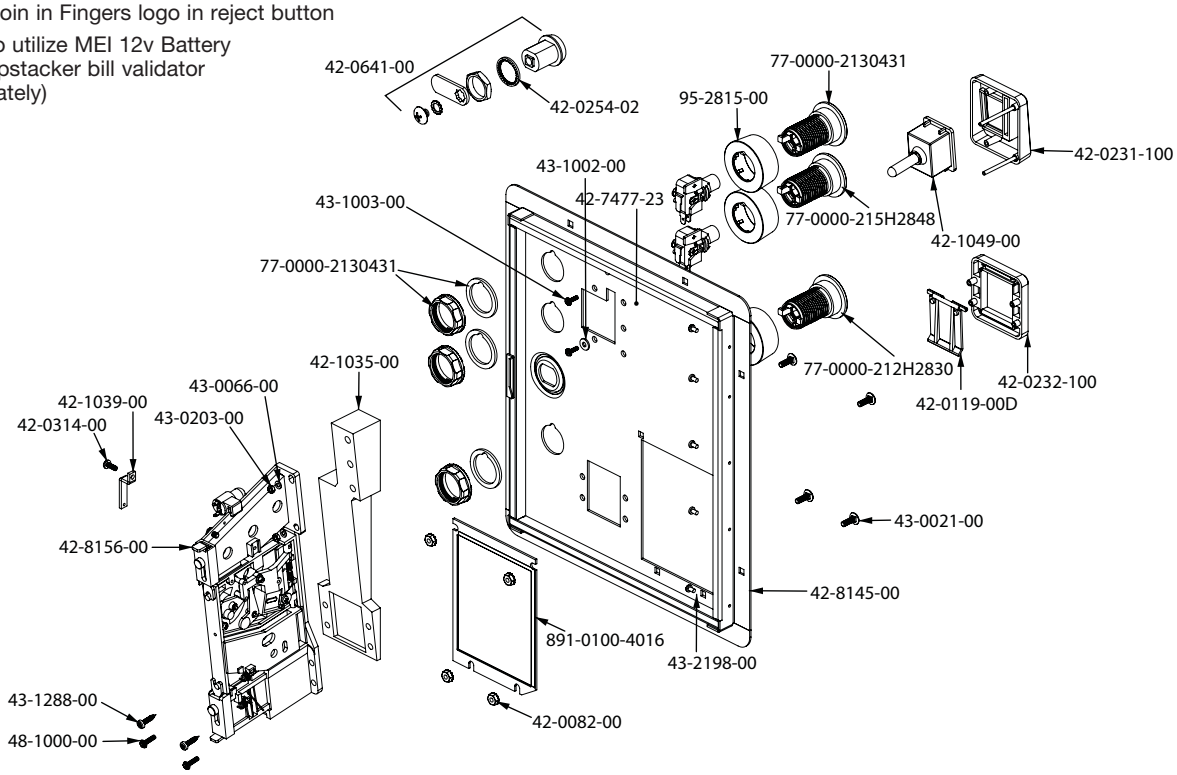
Part Number	Description
40-0714-00	Upper Mid-Width Validator Door for Inclined Applications with 2 Pushbuttons

UPPER MID-WIDTH VALIDATOR DOOR FOR INCLINED APPLICATIONS WITH 3 PUSHBUTTONS

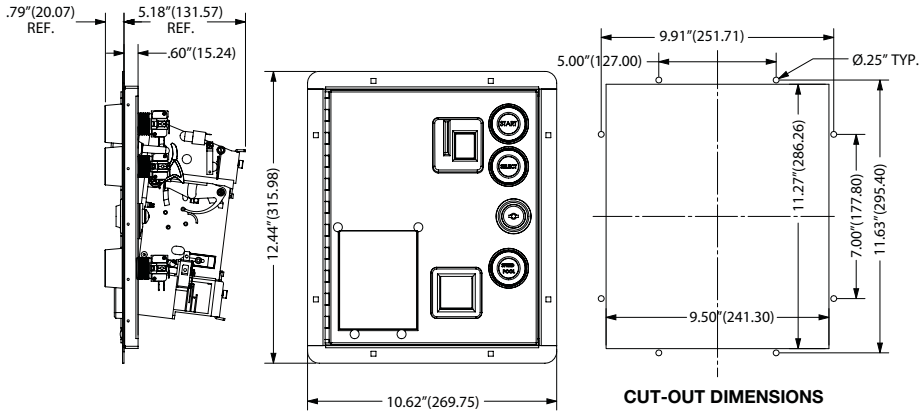
New

- Has inclined spacers system within coin door to allow it to operate when installed in cabinet that is pitched forward 7 degrees
- Replacement door for Valley-Dynamo Pool tables (Ref. No. 880303210)
- 3 Pushbuttons “Start”, “Select” and “Speed Pool” with raised profile adapters to prevent accidental actuation of button during game play
- “Universal” one-piece mech. holder design. Will fit all known 3" x 5" mechanical and electronic acceptors on the market See page 102 for illustration
- Heavy 16 gauge steel door
- Sturdy die cast aluminum frame
- Accepts both bills and coins
- Fitted with $.25 US mech. as standard
- Universal Coin in Fingers logo in reject button
- Designed to utilize MEI 12v Battery Powered Upstacker bill validator (sold separately)





MOUNTING DIMENSIONS



CUT-OUT DIMENSIONS

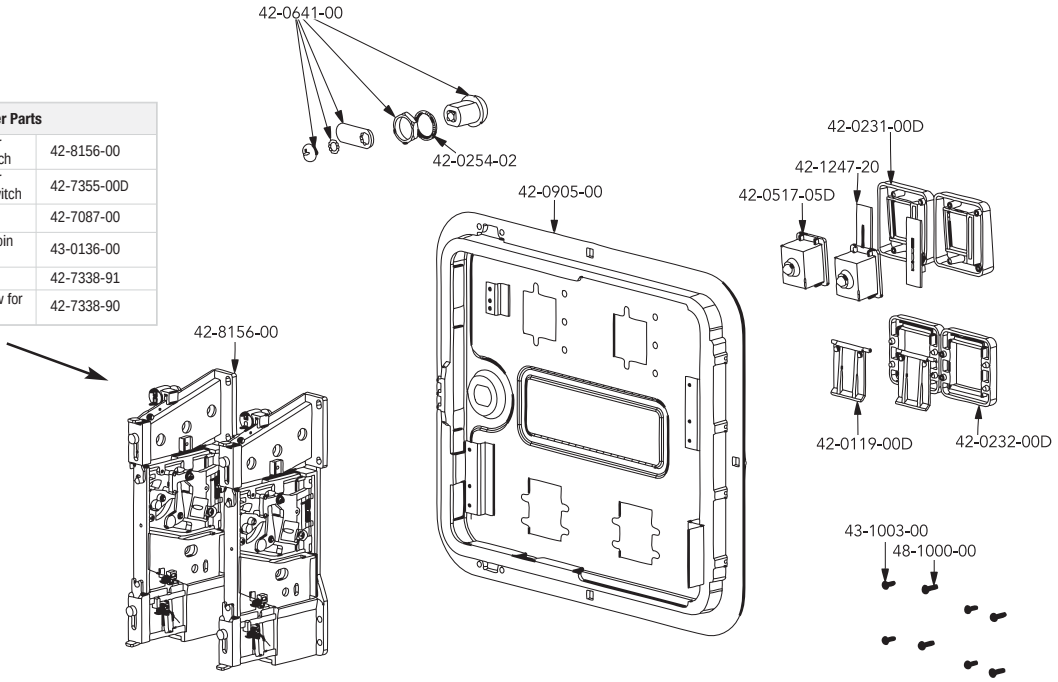
Part Number	Description
40-0714-03	Upper Mid-Width Validator Door for Inclined Applications with 3 Pushbuttons

PINBALL DOOR

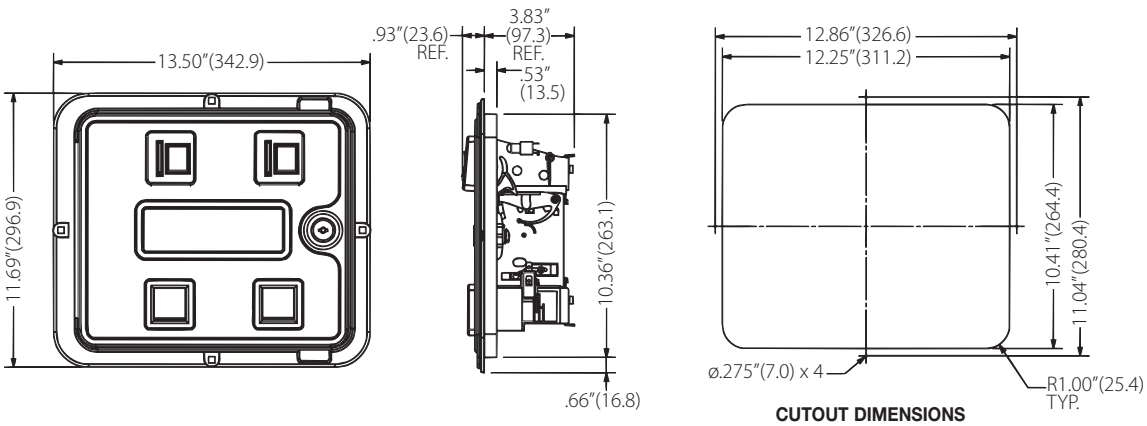
- Replacement part for all Data East / Sega and Williams pinballs
- "Universal" one-piece mech. holder design. Will fit all known 3" x 5" mechanical and electronic acceptors on the market. See page 102 for illustration
- Heavy 16 gauge steel door
- Sturdy die cast aluminum frame
- Available with US, token or foreign mechs
- See pages 120-121 for cashbox assemblies
- Fitted with $.25 US mech



Mech Holder Parts	
Mech Holder w/Coin Switch	42-8156-00
Mech Holder w/o Coin Switch	42-7355-00D
Coin Switch	42-7087-00
Screw for Coin Switch	43-0136-00
Metal Clip	42-7338-91
Thumbscrew for Metal Clip	42-7338-90



MOUNTING DIMENSIONS



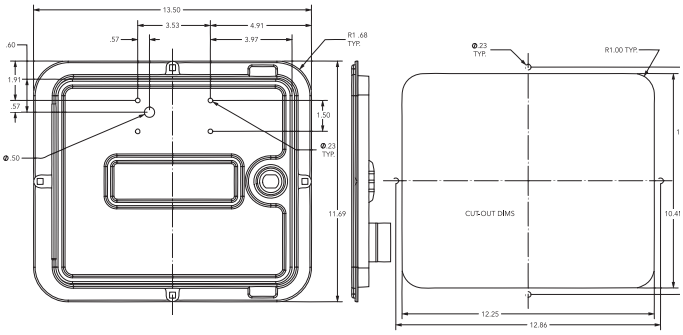
CUTOUT DIMENSIONS

Part Number	Description
40-0707-00	Pinball Door, Double Entry

PINBALL BLANK DOOR



MOUNTING DIMENSIONS



- Heavy 16 gauge steel door
- Ideal for cash box access door or simply an access door
- Replacement part for all Williams/Midway video game cabinets that utilize the 2 door system
- May be used as cashbox access door in conjunction with plastic cashbox

Part Number	Description
09-96020	Pinball Blank Door



FLEX-TEC ELECTRONIC UPGRADE KIT FOR POOL TABLES



DETAIL VIEW



- Convert you old push chute pool tables to an electronic coin door with a bill validator
- Revolutionary kit provides a great promotional tool and benefit for the operator and location
- Kit can be programmed on a 7-day/24-hour a week schedule, which allows you to offer special features such as time/rack play with bonus level pricing, speed pool, free play mode for special promotions such as league play or happy hour with bonus level pricing
- Compatible with all major brands of coin operated pool tables
- Two kit styles available: one with a small coin door that allows you to keep your current push chute and one with a large coin door that allows you to remove the existing push chute
- Simple installation
- Each kit includes the following: steel coin door with 3-way locking (large door or small door), PC board, LCD display, motor/crank arm assembly, all buttons, meter, free play key switch, all harness assemblies, 18-Amp battery, ICT S-6 Upstacker validator and Imonex .25 roll down mech
- Battery charger and additional batteries sold separately
- 1-year warranty

Part Number	Description
26-1728-00	Flex-Tec Electronic Upgrade Kit f/Pool Tables, Small Coin Door
26-1728-01	Flex-Tec Electronic Upgrade Kit f/Pool Tables, Large Coin Door
26-2121-00	Replacement 12V 12AH Battery for Pool Table
26-1218-00	Replacement 12V 18AH Battery for Pool Table
26-2117-00	Battery Charger for Pool Table Battery
26-2121-10	Battery Charger Cable with Clips

MULTI-PLAYER OVER/UNDER DOOR

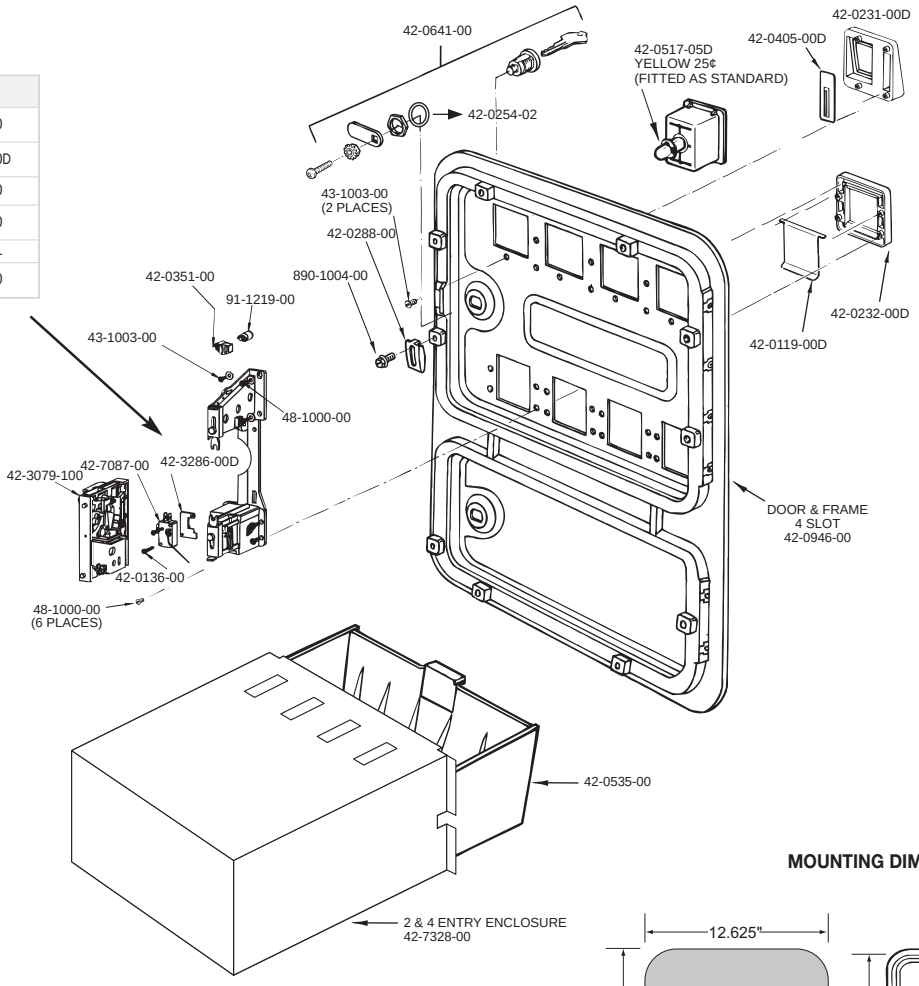
- Two doors provide improved security, lower door provides access to cashbox
- "Universal" one-piece mech. holder design. Will fit all known 3" x 5" mechanical and electronic acceptors on the market. See page 102 for illustration
- Sturdy 1 piece die cast aluminum frame
- 2, 3 or 4 coin entry doors available
- Security ribs to prevent pry bar entry are cast into frame
- Heavy duty 16 gauge drawn steel doors
- Exclusive reject button design with unbreakable metal plunger
- Fitted with $.25 mechs and 14V lamps as standard
- Estimated cashbox capacity over $2,000 in U.S. Quarters

* Reject Push Button sold as assembly only

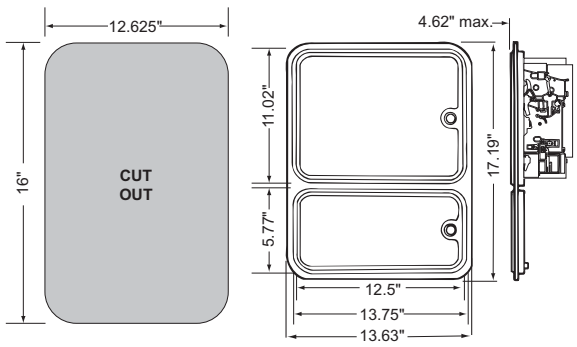


See page 140 for Denomination Insert Selection

Mech Holder Parts	
Mech Holder w/Coin Switch	42-3371-00
Mech Holder w/o Coin Switch	42-7355-00D
Coin Switch	42-7087-00
Screw for Coin Switch	43-0136-00
Metal Clip	42-7338-91
Thumbscrew for Metal Clip	42-7338-90



MOUNTING DIMENSIONS



Part Number	Description
40-0946-00	4-Entry Multi-Player Over/Under Door without Cashbox
40-0946-20	2-Entry Multi-Player Over/Under Door without Cashbox
42-7328-00	2 & 4 Entry Enclosure For Multiplayer Over/Under Door

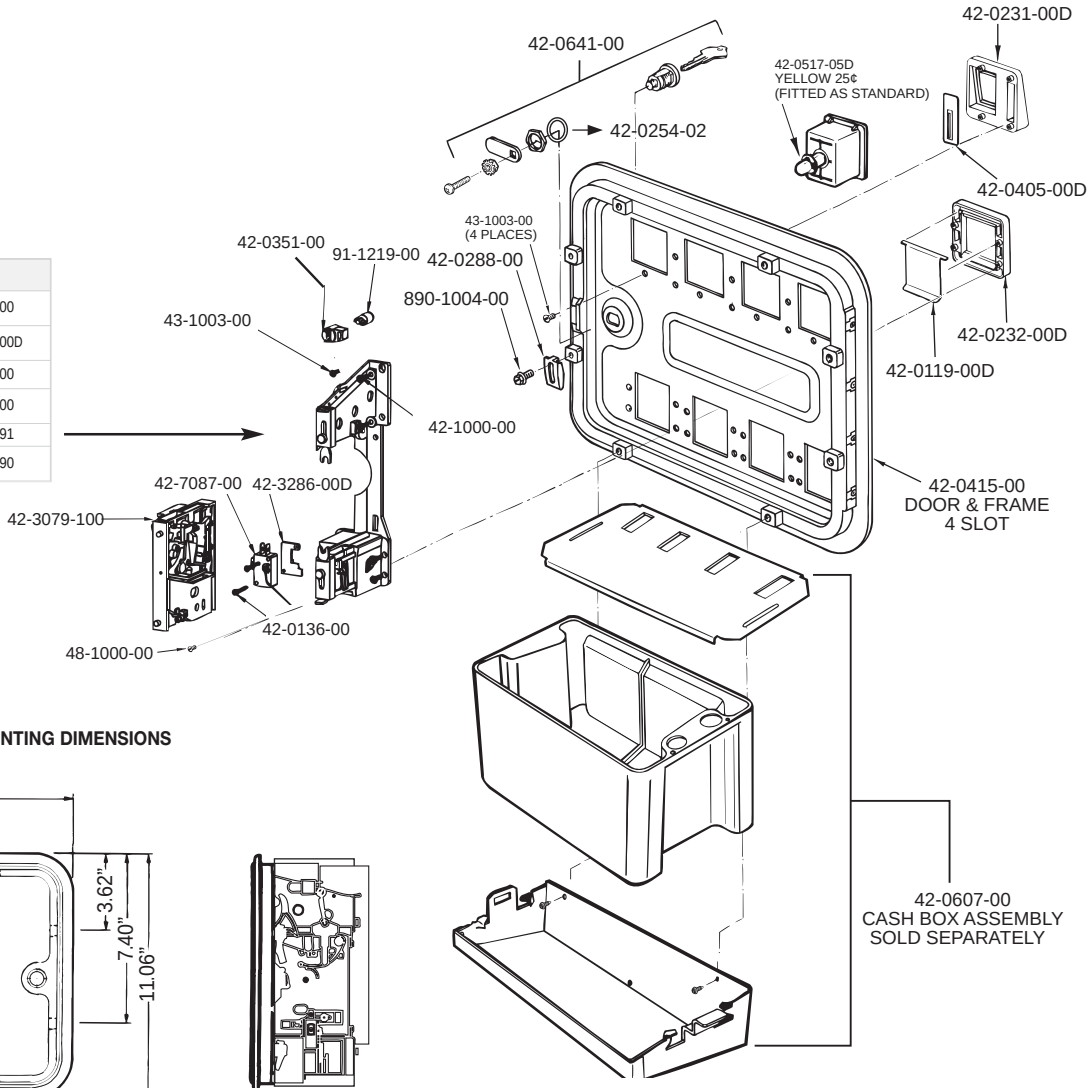
MULTI-PLAYER DOOR

- Industry standard mounting dimensions
- "Universal" one-piece mech. holder design. Will fit all known 3" x 5" mechanical and electronic acceptors on the market. See page 102 for illustration
- Sturdy 1 piece die cast aluminum frame
- 2, 3 or 4 coin entry doors available
- With new Cashbox System IV, see page 90 for details
- Security ribs to prevent pry bar entry are cast in to frame
- Estimated cashbox capacity: $1,500 in U.S. Quarters
- Reject Push Button sold as assembly only
- Fitted with $.25 US mech

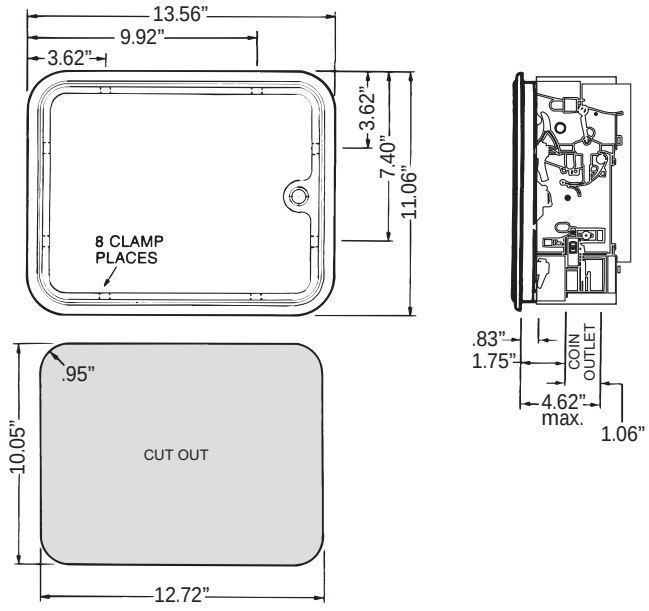


See page 140 for Denomination Insert Selection

Mech Holder Parts	
Mech Holder w/Coin Switch	42-3371-00
Mech Holder w/o Coin Switch	42-7355-00D
Coin Switch	42-7087-00
Screw for Coin Switch	43-0136-00
Metal Clip	42-7338-91
Thumbscrew for Metal Clip	42-7338-90



MOUNTING DIMENSIONS



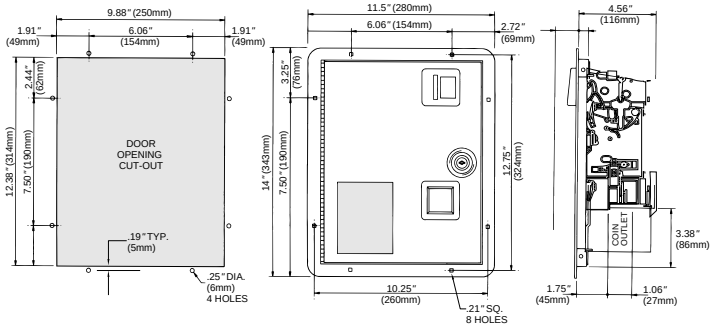
Part Number	Description
40-0008-00	Standard Door, Double Entry without Harness, Meter or Box Assembly
40-0325-00	Standard Door, Four Entry without Harness, Meter or Box Assembly
42-0605-00	Cashbox Assembly, Double Entry
42-0607-00	Cashbox Assembly, Four Entry

DOORS FOR MEI & ROWE VALIDATORS WITH STACKER COIN ACCEPTANCE

- Allows use of validators with stackers
- "Universal" one-piece mech. holder design. Will fit all known 3" x 5" mechanical and electronic acceptors on the market. See page 102 for illustration
- Supplied with 25¢ coin mech but without validator
- For MEI VFM-(2 & 4), AL4, GL5, Series 2000, and LE Rowe UBA, and Dixie Narco U.S.A validators with upstackers, use 42-0161-00



MOUNTING DIMENSIONS



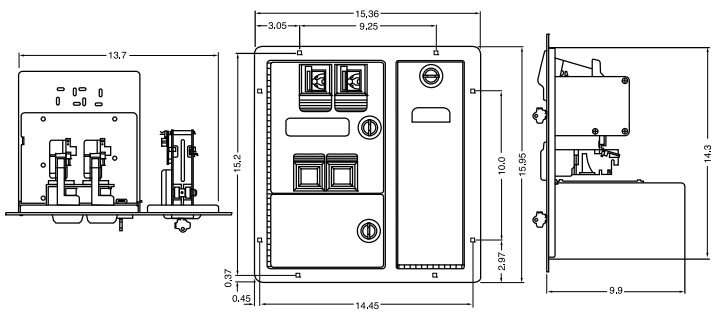
Part Number	Description
42-0161-00	For Upstackers

ENTROPY TRIPLE DOOR

- Combines separate doors for coin acceptors, cashbox, and ticket dispenser all on one frame
- Fitted with $.25 mechs. and 14v lamps as standard
- Hot rolled steel frame1.8mm thick
- Cold rolled steel doors 1.6mm thick
- Double bitted locks
- 3-Point locking mechanism on the cashbox door for increased security
- Large cashbox capacity holds $650 in U.S. quarters
- Extra large ticket shroud on ticket door to prevent ticket jams
- Durable zinc diecast reject bezels
- Ticket door bracket that allows ticket door to stop at a 90° angle for easy service
- Ticket dispenser sold separately



MOUNTING DIMENSIONS



Entropy U.S.A.

Part Number	Description
40-0406-25	Entropy Triple Door

REPLACEMENT PARTS FOR ENTROPY TRIPLE DOOR 40-0406-25

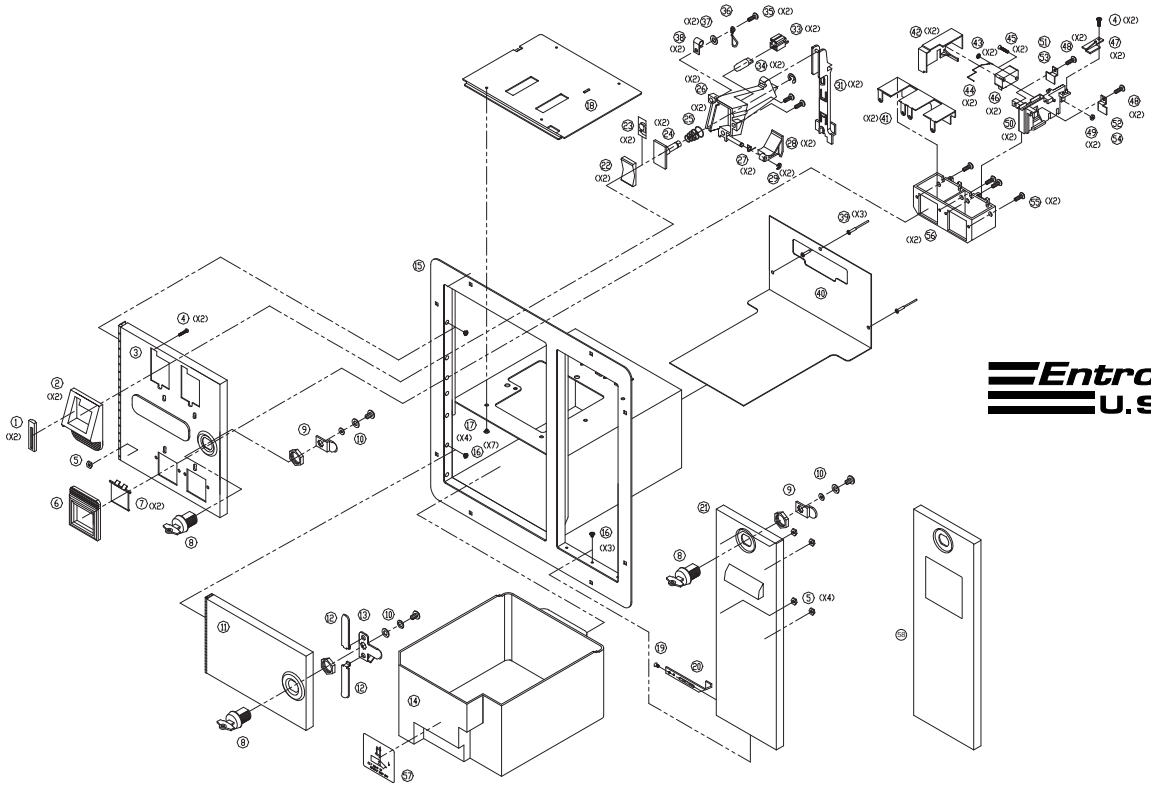


Fig. No.	Part Number	Entropy No.	Description
1	**42-0406-90**	310-1025-18	Entry Plate
2	**42-0406-91**	310-1017	Button Housing
3	**42-0406-109**	310-1008	Main Door
4	-	27-1079	#6 x 1/4" Tapping Screw
5	-	27-4912	#8-32 Nut with Washer
6	**42-0406-92**	27-1061-3	Return Bezel
7	**42-0406-93**	27-1062	Return Flap
8	-	27-1016	Single Lock
9	-	31-1016	Locking Cam
10	-	27-1020	Washer for Cam
11	-	310-1006	Cash Door
12	**42-0406-94**	310-1014	Locking Arm
13	**42-0406-95**	310-1013	Locking Cam
14	**42-0406-111**	310-1005	Coin Box
15	-	310-1001	Frame & Enclosure
16	-	106-6022-00	Screw M3 x 0.5+4c
17	-	106-6005-00	Screw M3 x 0.5+4c
18	-	310-1002	Enclosure Cover Plate
19	-	106-6021-00	Screw M3 x 0.5 x6
20	-	310-1027	Stop Bracket
21	**42-0406-110**	31-9T	TD Door
22	**42-0406-96**	310-1019	Button Cover
23	-	27-1041-64	Price Label
24	**42-0406-97**	310-1018	Button
25	**42-0406-98**	27-1039	Conical Spring
26	**42-0406-99**	310-1028	Inlet Chute
27	**42-0406-106**	310-1022	Retain Spring
28	**42-0406-100**	310-1023	Lever Arm
29	-	106-6003	4mm E-Ring

Fig. No.	Part Number	Entropy No.	Description
30	-	106-6024-00	Screw M3 x 12
31	**42-0406-101**	27-5703	Retainer
32	**42-0406-102**	106-6023-00	7mm E-Ring
33	**42-0406-103**	310-1024	Lamp Holder
34	-	213-01205	Lamp
35	-	106-6025-00	Screw M3 x 14
36	-	27-1025	Key Hook
37	-	27-1034	#6 Washer
38	-	03-7655-4	Wire Harness Clamp 1/4"
39	-	106-6026-00	Rivet
40	-	310-1011	Coin Box Cover
41	-	27-4907-2	Return Box Cover
42	-	27-1097	Switch Cover
43	-	27-1035	Washer for Wire Form
44	**42-0406-104**	27-1075	Wire Form
45	-	27-1094	Screw #4-40 x 7/8
46	-	27-1092	Micro Switch
47	**42-0406-108**	27-7301	Stop Blade
48	-	27-1087	Screw #6-32 x 5/8
49	-	27-1095	Nut 4-40
50	**42-0406-107**	27-5704	Acceptor Chute
51	-	27-1030	Small Bracket - Right
52	-	27-1031	Small Bracket - Left
53	-	27-1030	Small Bracket - Right
54	-	27-1031	Small Bracket - Left
55	-	27-11001	Screw & Spring Washer
56	-	27-4906-1	Return Box
57	-	310-1031	Coin Box Label
58	**42-3536-00**	310-1009	TD with Downstacker Cutout

SMALL SINGLE COIN DOORS



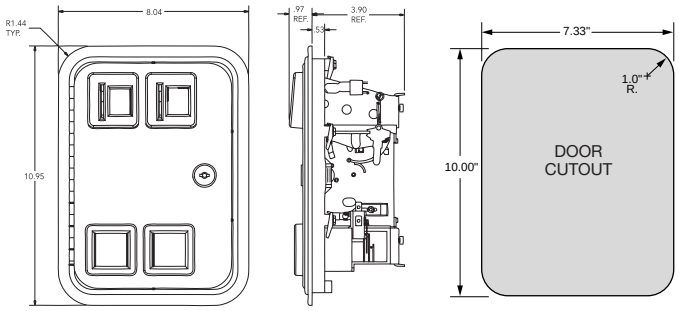
40-0055-00



40-0057-00

- Sturdy one piece die cast metal frame
- "Universal" one-piece mech. holder design. Will fit all known 3" x 5" mechanical and electronic acceptors on the market. See page 102 for illustration
- Heavy duty 16 gauge drawn steel door
- Industry standard mounting dimensions
- Mounting hardware included
- Foreign and token coin mechs available
- Fitted with 25¢ mech and 14V bulbs as standard

MOUNTING DIMENSIONS

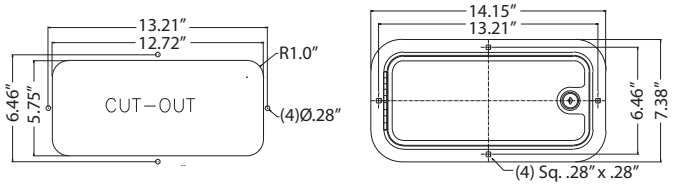


Part Number	Description
40-0055-00	Small Single Door - 2 Entry
40-0057-00	Small Single Door - Blank

RECTANGLE BLANK DOOR



MOUNTING DIMENSIONS



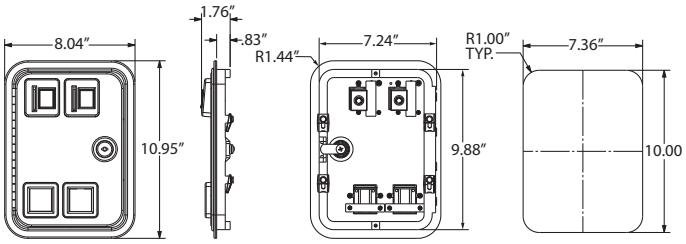
Part Number	Description
40-0520-00	Rectangle Blank Door

SMALL DOOR AND FRAME ASSEMBLY FOR HOME ARCADE CABINET



- Give your home arcade cabinet the look of a real cabinet
- Sturdy one-piece die cast metal frame
- Heavy duty 16 gauge drawn steel door
- Industry standard mounting dimensions

MOUNTING DIMENSIONS



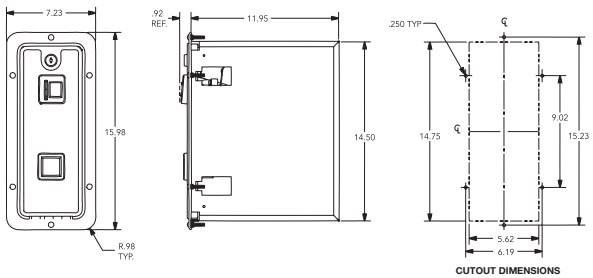
Part Number	Description
40-0708-00	Small Door and Frame Assembly, Single Entry
40-0713-00	Small Door and Frame Assembly, 2 entry

SMALL SINGLE ENTRY COIN DOOR

- Ideal where space is limited
- Sturdy one-piece frame of die cast aluminum
- "Universal" one-piece mech. holder design. Will fit all known 3" x 5" mechanical and electronic acceptors on the market. See page 102 for illustration
- Exclusive reject button design with unbreakable metal plunger



MOUNTING DIMENSIONS



Part Number	Description
40-0484-00	Small Single Entry Coin Door with Full Metal Enclosure

REPLACEMENT COIN DOORS FOR EMBED COLOR-GLO CARD READER SYSTEM

- Using Embed Color-Glo card readers at your locations and want to make the installation a breeze…This is your best solution
- All doors have the cut-out pattern for the Embed card reader so simply remove the old door and install these new ones
- Compatiable with both Color-Glo Classic and Color-Glow HD
- 5 door types available
- Doors are made from 16 gauge drawn steel

EMBED
One Leader. One System.



COLOR-GLO CLASSIC

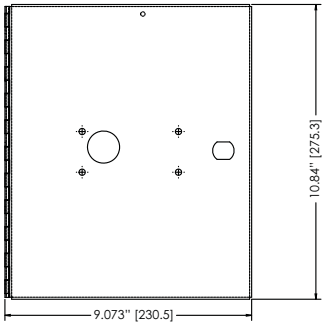


COLOR-GLOW HD

MID-WIDTH "A-STYLE" DOOR
42-8006-12



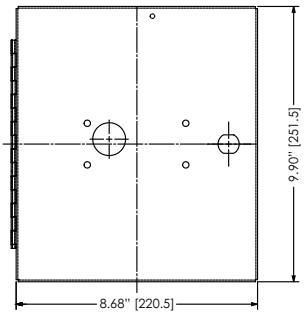
DIMENSIONS



MID-WIDTH "B-STYLE" DOOR
42-3607-91



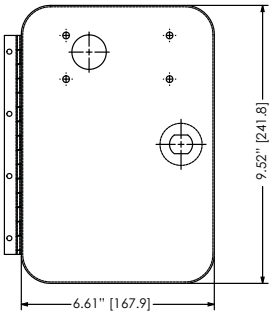
DIMENSIONS



OVER/UNDER DOOR STYLE
42-3145-03



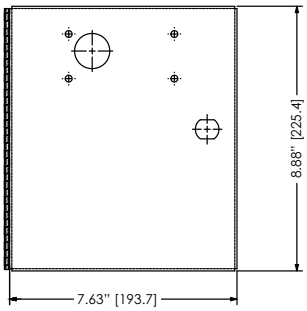
DIMENSIONS



ENTROPY TRIPLE DOOR
42-8194-03



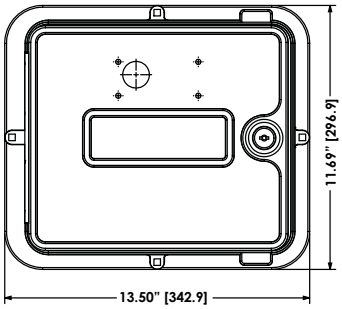
DIMENSIONS
42-8194-03



PINBALL DOOR STYLE
40-0706-10



DIMENSIONS



Part Number	Overall Door Size	Description
42-8006-12	10.84" H x 9.07" W	Suzo-Happ Upper Door Only for O/U Mid-Width "A-Style" with Embed Cutout
42-3607-91	9.90" H x 8.68" W	Suzo-Happ Upper Door Only for O/U Mid-Width "B-Style" with Embed Cutout
42-3145-03	9.52" H x 6.61" W	Suzo-Happ Upper Door Only for O/U with Embed Cutout
42-8194-03	8.88" H x 7.63" W	Entropy Upper Door Only for Triple Door with Embed Cutout
40-0706-10	11.70" H x 13.50"W	Suzo-Happ Pinball Door & Frame Assembly with Embed Card Cutout

CABINET ACCESS DOORS AND CASHBOXES

- Allow easy access to cabinet, cashbox, etc.
- Sturdy die cast aluminum frame; a Suzo-Happ exclusive
- Each door includes the frame assembly and lock.

A



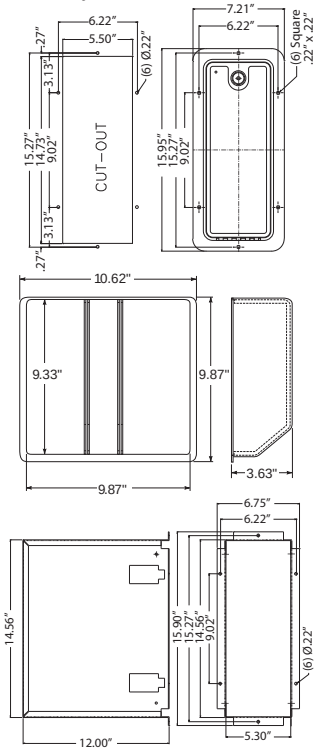
42-7050-00



42-0535-00
(Cash Box Only)



42-1311-00



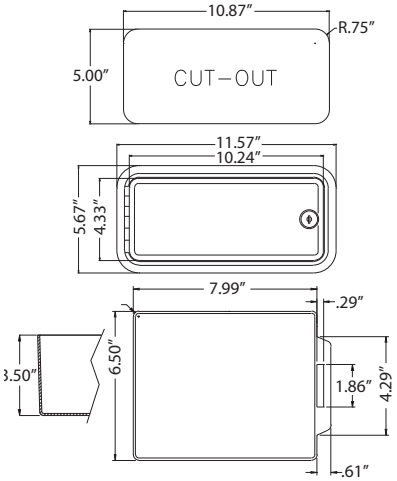
B



42-1150-00



42-3306-00



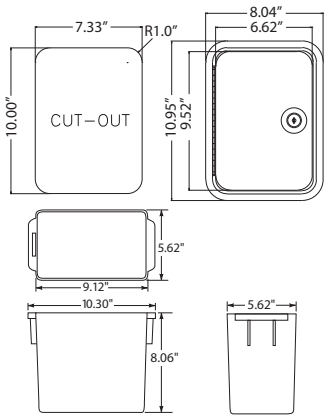
C



40-0057-00



42-1102-10



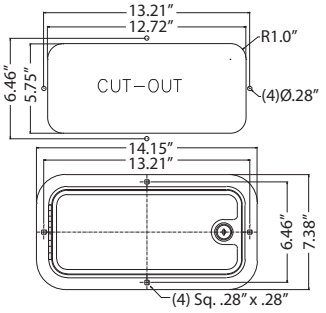
D

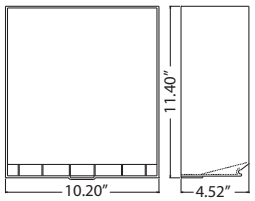


40-0520-00



42-0769-00

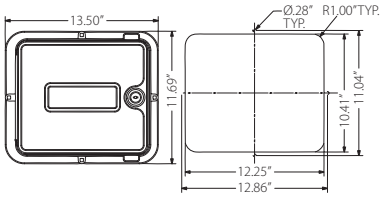




E

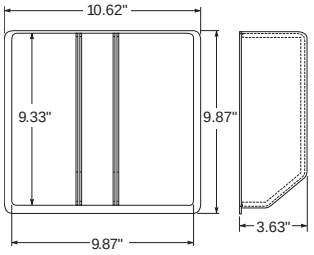


40-0706-00



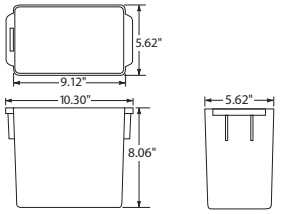


42-0535-00
(Cash Box Only)





42-1102-10



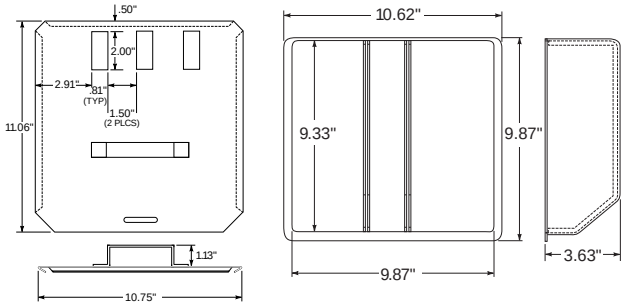
KEY	Part Number	Description
A	**42-7050-00**	Access Door and Frame Assembly
A	**42-0535-00**	Plastic Cashbox Only for Door 42-7050-00
A	**42-1311-00**	Metal Validator Vault for Door 42-7050-00
B	**42-1150-00**	Mini-Access Door and Frame Assembly
B	**42-3306-00**	Plastic Cashbox for Door 42-1150-00
C	**40-0057-00**	Access Door and Frame Assembly
C	**42-1102-10**	Plastic Cashbox for Door 42-0438-00
D	**40-0520-00**	Access Door and Frame Assembly
D	**42-0769-00**	Plastic Cashbox for Door 42-1102-10
E	**40-0706-00**	Access Door and Frame Assembly
E	**42-1102-10**	Plastic Cashbox for Door 42-0438-00
E	**42-0535-00**	Plastic Cashbox Only for Door 42-7050-00

CASHBOX SYSTEM III PINBALL TYPE

- Fits Stern/Data East Sega and Williams pinball games
- Estimated capacity: $1,500 U.S. Quarters



MOUNTING DIMENSIONS



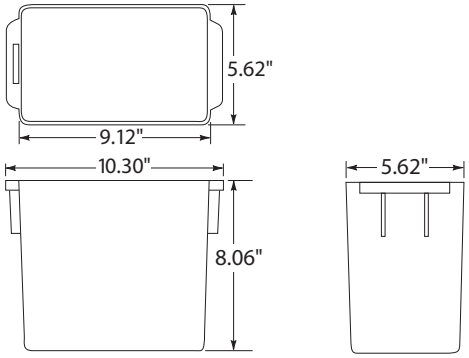
Part Number	Description
42-0535-00	Cashbox only

OVER/UNDER CASHBOX

- Estimated cashbox capacity: $1,350 U.S. Quarters



DIMENSIONS



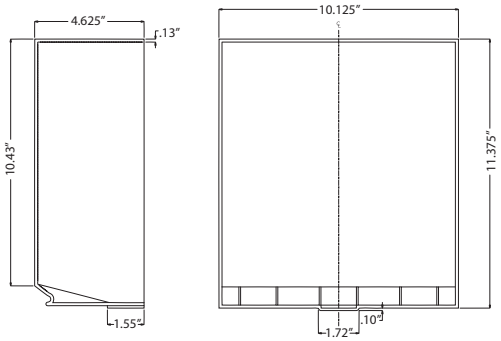
Part Number	Description
42-1102-10	Over/Under Cashbox

PLASTIC CASHBOX

- Injection Molded ABS Plastic
- Estimated cashbox capacity: over $2,000 U.S. Quarters



DIMENSIONS



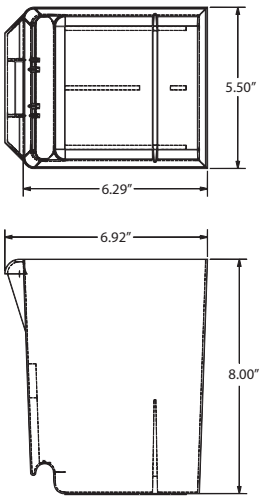
Part Number	Description
42-0769-00	Cashbox for Multi-player Over/Under Door

OVER/UNDER CASHBOX REDUCED DEPTH

- Estimated cashbox capacity: $900 US Quarters



DIMENSIONS



Part Number	Description
025X3731-001	Over/Under Cashbox

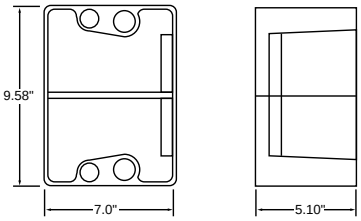
CASHBOX SYSTEM IV



- For multi-player type doors
- Uses easy to remove Pacman style coin box with integral handles
- Replaces all awkward and difficult to remove OEM style coin box assemblies on 2, 3 & 4 player games with 8-clamp door
- Easy to install – suspends from the doors two lower mounting bosses
- Estimated capacity: $1,500 U.S. Quarters

	Covers	Box	Holder
2 Slot	**42-0601-00**	**42-0075-00**	**42-0598-00**
3 Slot	**42-0600-00**		
4 Slot	**42-0599-00**		

DIMENSIONS



Part Number	Description
42-0605-00	Type IV 2-slot Cashbox Assembly (Holder, box & cover)
42-0607-00	Type IV 4-slot Cashbox Assembly (Holder, box & cover)
42-0075-00	Cashbox Type 1

METAL VALIDATOR VAULT



- Offers additional security to doors for bill validators
- Thick gauge material prevents possibility of "reaching-in" to grab full stacker from bill validator
- Easy to install, simply bolt on with same carriage bolts used to mount door to cabinet
- 5.30" W x 12" D x 14.42" H

Part Number	Description
42-1311-00	Metal Validator Vault

BLANKING PLATE FOR DOOR CUTOUT



- For use with ticket dispenser and bill validator type doors
- Covers hole where door has been removed
- Black finish – blends in with equipment
- Easy installation with bolts (sold separately)
- Size: 16.05" H x 7.09" W

Part Number	Description
42-0663-00	Blanking Plate for Ticket and Bill Validator Door Cutout

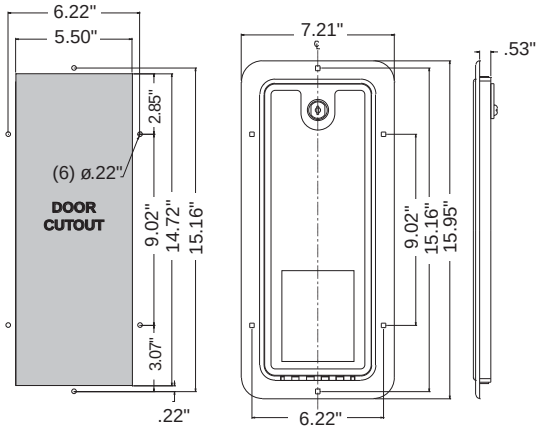
DOORS FOR BILL VALIDATORS

- Great way to increase the earnings on any piece of equipment
- Ideal for use where space is limited
- CashCode, Dixie Narco and MEI (AE & VN) require "Center" version
- For additional security, simply add Metal Vault (42-1311-00) to these doors
- Validators sold separately



Downstacker – Center **Upstacker – Center**

MOUNTING DIMENSIONS



Part Number	Description
42-1394-00	Downstacker, Center
42-1391-00	Upstacker, Center

ENCLOSURE FOR BILL VALIDATORS

- Allows bill validator to be added to any piece of equipment
- Will accept all MEI stackerless and downstacker validators including LE downstacker with 600 capacity LRC (lockable removable cassette)
- Can be mounted to the left or right side of any piece of equipment
- Black epoxy powder painted



Downstacker, Center

Part Number	Description
40-0448-01	Enclosure for Bill Validators for Downstacker CashCode and MEI AE & VN Validators, Center
40-0448-00	Enclosure for Bill Validators for Upstacker CashCode and MEI AE & VN Validators, Center

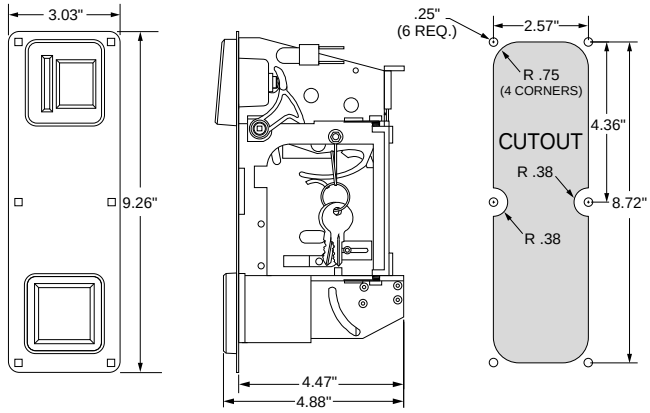
SINGLE FRONT PLATE ASSEMBLY

- Industry standard mounting dimensions
- Illuminated coin denomination reject button includes metal plunger
- Available with mechs to accept foreign coins or tokens
- "Universal" one-piece mech. holder design. Will fit all known 3" x 5" mechanical and electronic acceptors on the market.
  See page 102 for illustration
- Available with lockout coil
- Fitted with $.25 US mech

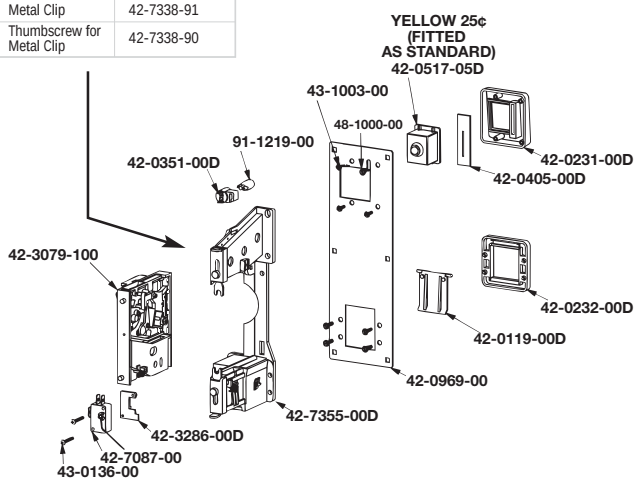
  *Reject Push Button sold as assembly only.

See page 140 for Denomination Insert Selection





Mech Holder Parts	
Mech Holder w/Coin Switch	42-3371-00
Mech Holder w/o Coin Switch	42-7355-00D
Coin Switch	42-7087-00
Screw for Coin Switch	43-0136-00
Metal Clip	42-7338-91
Thumbscrew for Metal Clip	42-7338-90



Part Number	Description
40-0023-00P	Single Front Plate Assembly

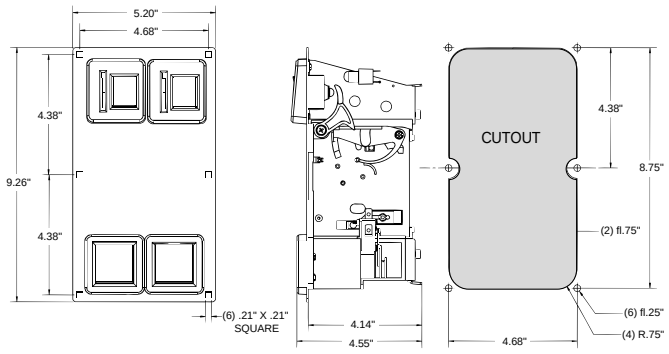
DUAL FRONT PLATE ASSEMBLY

- Industry standard mounting dimensions
- Illuminated coin denomination reject button includes metal plunger
- Available with mechs to accept foreign coins or tokens
- "Universal" one-piece mech. holder design. Will fit all known 3" x 5" mechanical and electronic acceptors on the market.
  See page 102 for illustration
- Available with lockout coil
- Fitted with $.25 US mech

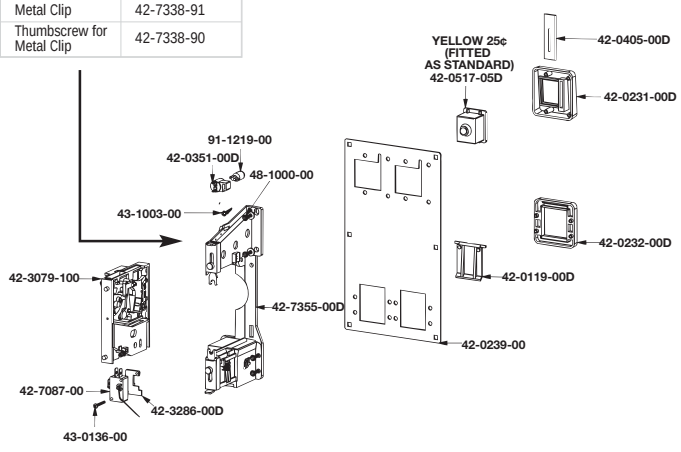
  *Reject Push Button sold as assembly only.

See page 140 for Denomination Insert Selection





Mech Holder Parts	
Mech Holder w/Coin Switch	42-3371-00
Mech Holder w/o Coin Switch	42-7355-00D
Coin Switch	42-7087-00
Screw for Coin Switch	43-0136-00
Metal Clip	42-7338-91
Thumbscrew for Metal Clip	42-7338-90



Part Number	Description
40-0168-00	Dual Front Plate Assembly

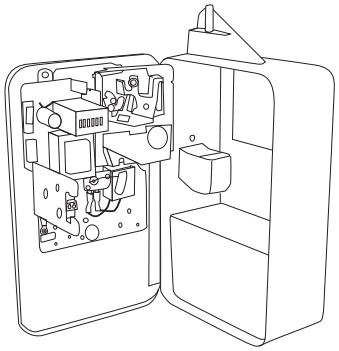
COIN TIMER BOX WITH U.S. QUARTER COIN MECH

- Manufactured by Coin Mechanisms
- Completely self-contained coin box system
- Accepts industry standard mechanical and electronic mechanisms
- Standard with U.S. quarter mechanical coin mechanism
- Silver vein durable epoxy paint finish
- Coin insert has polished chrome finish
- Quick release latches for easy mechanism removal
- UL recognized
- Dimensions: 7.31" W x 11.75" H x 3.82" D
- Applications:

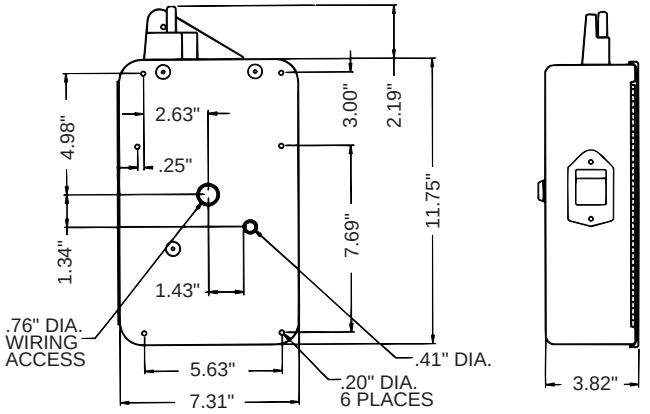
  Kiddie rides, water dispensers, campground showers,tennis court lights, Internet Kiosks, foot massager/chair massager



COIN MECHANISMS INC.



MOUNTING DIMENSIONS



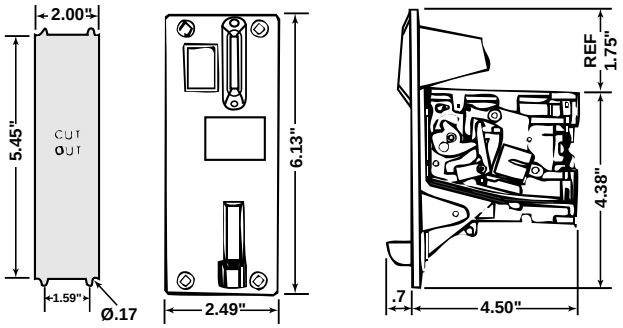
Part Number	Description
42-3549-00	Coin Timer Box

MINI FRONT PLATE ASSEMBLY

- Industry standard mounting dimensions (Roll down acceptor types)
- Accepts U.S. 25¢ coin as standard
- Available to accept foreign coins or tokens (Call for P/N)
- Exclusive new mech holder design
- Optional coin lock out coil assembly available



MOUNTING DIMENSIONS



Part Number	Description
40-0229-00	Mini Front Plate Assembly without Lockout Coil
42-1147-00	Coin Switch w/Wire Only



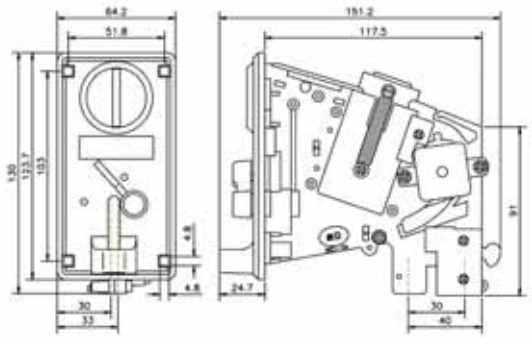
ELECTRONIC ROLLDOWN MECH WITH LED INDICATOR

New

- Anti-stringing protection with lockout protection
- New LED warning light display
  Green Solid = Normal
  Green Flashing = Coin Accept
  Red Flashing = Coin Rejected
  Red Solid = Anti-Stringing Protection (resets after 8 seconds)
- Accepts coins based on the coins diameter size, thickness and material content
- Capable of accepting a wide variety of coins or tokens
- Adjustable sensitivity to eliminate acceptance of slugs
- Easy installation
- Voltage: DC 12V +20% (200mA)
- Coin specifications:
  Diameter: 18mm ~ 31mm
  Thickness: 1.2mm ~ 3.0mm



MOUNTING DIMENSIONS

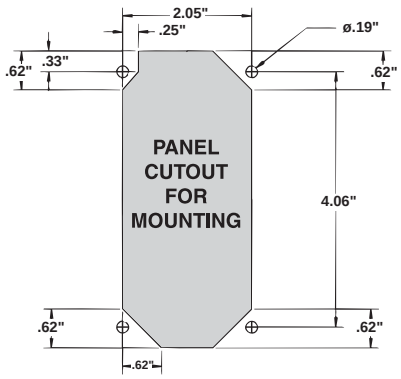


Part Number	Description
40-1500-04	Electronic Rolldown Mech with LED Indicator

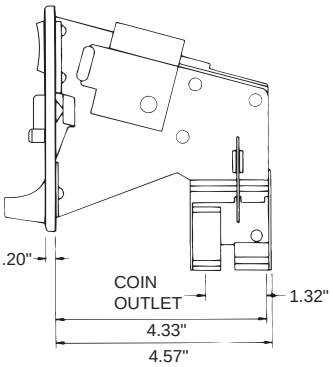
ELECTRONIC ROLL DOWN ACCEPTOR WITH REJECT LEVER

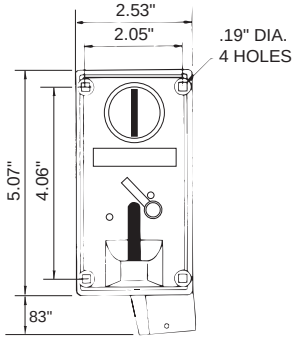
- To change the coin you wish to accept, simply lift up the retaining bracket and insert new sample coin and the mech. Will accept only that coin
- Accepts coins based on the coins diameter size, thickness and material content
- Capable of accepting a wide variety of coins and tokens:
  Coin Dia. Size: 18mm to 31mm (.708" to 1.22")
  Coin Thickness: 1.2mm to 3.0mm (.0472" to .1181")
- 3-way adjustable timing switch for coin output 22 ms/ 45 ms/65 ms
- Adjustable sensitivity to eliminate acceptance of high quality slugs
- Easy installation
- Requires +12vdc





MOUNTING DIMENSIONS





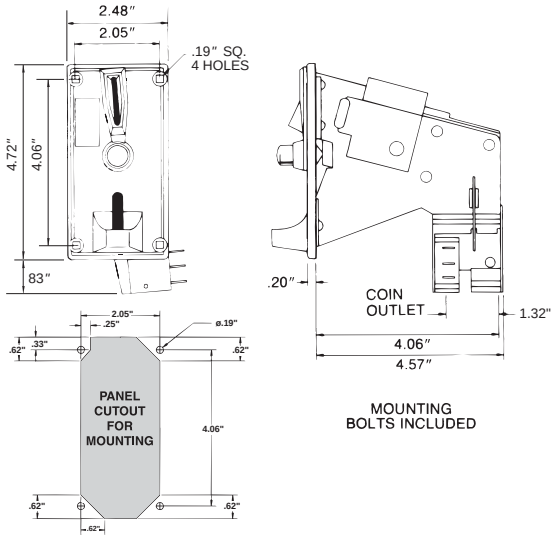
Part Number	Description
40-1500-03	Electronic Roll Down Acceptor with Reject Lever

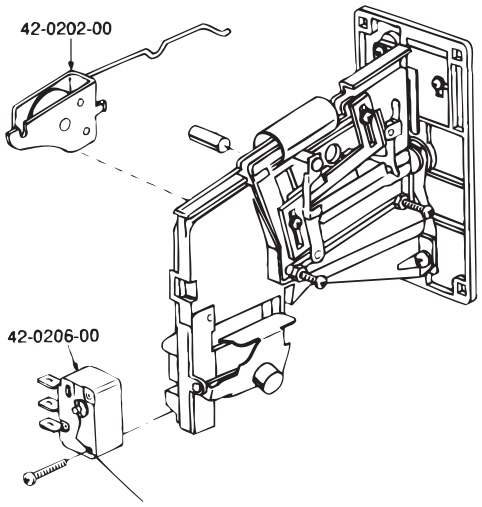
ROLL DOWN ACCEPTOR

- Rugged all die cast construction
- Durable plated finish
- Integral coin entry guide and reject slot
- Has anti-string tippler
- Fitted with standard U.S. coin switch
- Optional coin lock out coil assembly available
- Adjustable to suit any coin size .984, .900, .882, etc.



MOUNTING DIMENSIONS





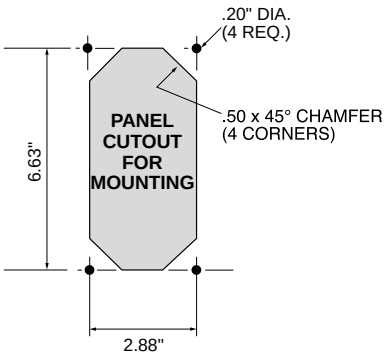
Part Number	Description
40-0012-00	Roll Down Acceptor $.25 US
40-0137-00	Roll Down Acceptor .882” Token
40-0078-00	Roll Down Acceptor .900” Token
40-0108-00	Roll Down Acceptor .984” Token

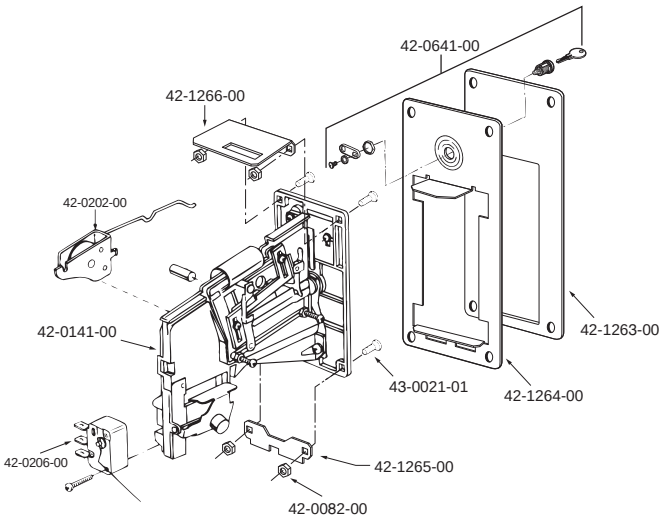
ROLL DOWN ACCEPTOR WITH LOCK

- Stainless steel mounting plate with lock allows for easy access to mech
- Rugged all die cast construction
- Durable plated finish
- Integral coin entry guide and reject slot
- Has anti-string tippler
- Fitted with standard U.S. coin switch
- Optional coin lock out coil assembly available
- Adjustable to suit any coin size .984, .900, .882, etc.
- Lock provides easy access for service



MOUNTING DIMENSIONS





Part Number	Description
40-0347-00	Roll Down Acceptor with Lock $.25 US
40-0298-00	Roll Down Acceptor with Lock .900” Token
40-0307-00	Roll Down Acceptor with Lock .984” Token

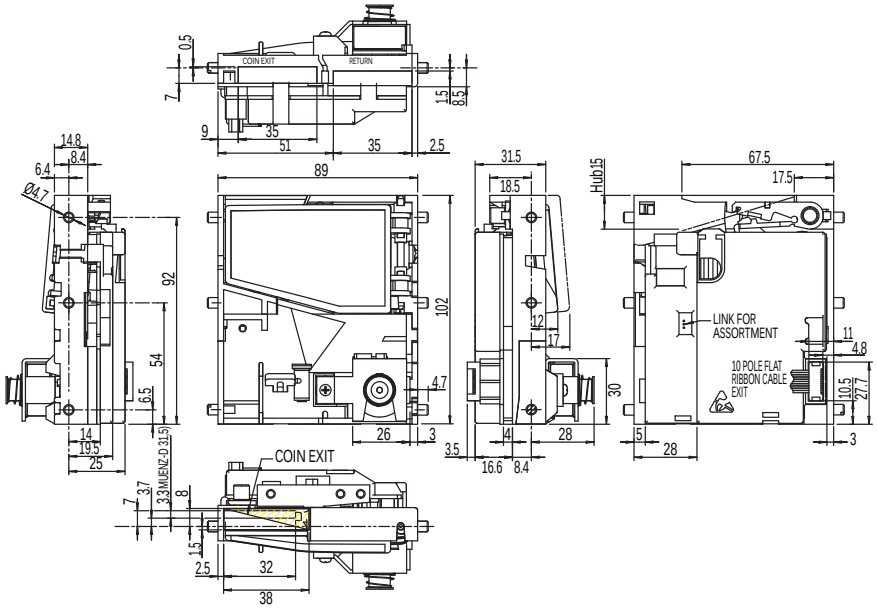
NRI ELECTRONIC COIN VALIDATOR SYSTEM G-13.MFT

- 32 different coins/tokens may be accepted
- Very fast coin/token acceptance; 6 coins per second (Casino model G-13.mft06V)
- Teach mode for 6 tokens
- CMOS micro processor and SMT provides outstanding reliability and improved coin/token measuring system
- 24 measurement parameters are used; coins/tokens are measured primarily by diameter, thickness, alloy content and even embossing features. Optimised for bi-metal, tri-metal coins.
- Anti-stringing provisions are electronic via a directional accept sensor and a mechanical one way gate
- Re-programmable by means of simple teaching by inserting new coin set with the aid of programming station (PC and/or Palm)
- 90 day warranty from Suzo-Happ
- Operating voltage 10V to 16V DC
- Current ~55mA standby + ~3W (acceptance gate)
- Size World standard 3.5 x 4 fits all Suzo-Happ coin doors and front plates
- Ribbon Cable Sold Separately



*** Ribbon Cable Sold Separately**

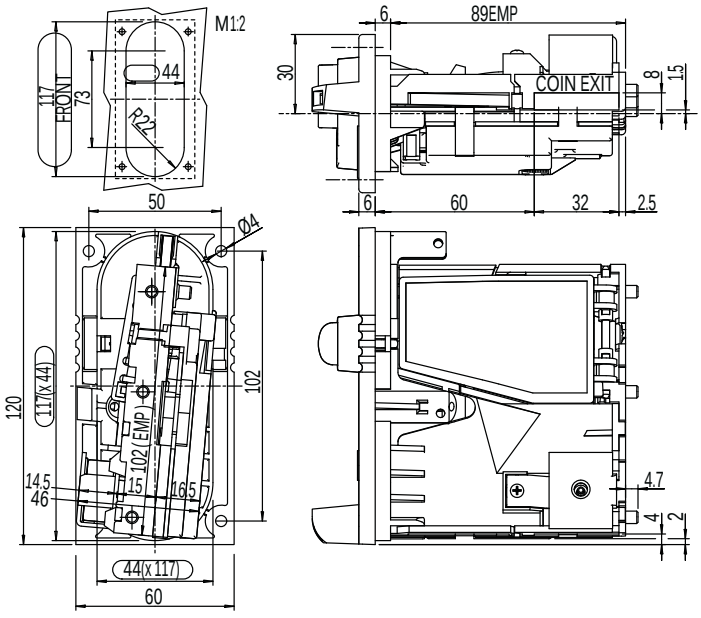
MOUNTING DIMENSIONS





G-13 with Front Plate

MOUNTING DIMENSIONS



Part Number	Description
Call for Part #	NRI G-13 Electronic Coin Validator* (Specify coins to accept)
Call for Part #	NRI G-13 Front Plate Electronic Coin Validator*
42-0869-00	Ribbon Cable

SUZO-HAPP METAL GRAY USA COIN MECH

- Mech utilizes plastic base plate, cradles, gate and coin return chute
- Exclusive cradle design discerns between good and counterfeit coins
- Each mech equipped with anti-stringing device
- Materials carefully chosen for optimum performance and durability
- Over 99% acceptance of good coins
- Rejects most known false coins



SUZO HAPP

Part Number	Description
42-3079-100	Suzo-Happ Metal $.25 USA Coin Mech
42-3052-100	Suzo-Happ Metal .900" Token Mech.

SUZO-HAPP METAL RED COIN MECH

- Mech utilizes metal base plate, metal cradles, plastic gate and coin return chute
- Each part made with great precision to produce a mech that is highly able to separate good coins from counterfeit coins
- Materials used for each part carefully chosen for optimum performance and durability
- High strength rare earth Neodymium magnet used to enhance mechs ability to reject false coins while accepting good coins
- Each mech equipped with anti-stringing device
- Each mech fully tested and inspected
- Additional coin versions are available upon request



SUZO HAPP

Part Number	Description
42-3054-00	$.25 Canadian Coin Mech
42-3066-00	$1.00 Canadian Coin Mech
42-3065-00	N1.00 Mexico Coin Mech
42-3061-00	.800" Token Coin Mech
42-3062-00	.882" Token Coin Mech
42-3053-00	.984" Token Coin Mech
42-3070-00	$.25 & .984" QST Token Coin Mech
42-3063-00	1.00" Token Coin Mech
42-3064-00	1.125" Token Coin Mech

SUZO-HAPP ULTIMECH COIN MECH

- Mech utilizes plastic base plate, cradles, gate and coin return chute
- Exclusive cradle design discerns between good and counterfeit coins
- Each mech equipped with anti-stringing device
- Materials carefully chosen for optimum performance and durability
- Color: Black plastic
- Over 99% acceptance
- Rejects most known false coins



SUZO HAPP

Part Number	Description
42-3115-00	Ultimech for $.25 Canadian
42-3110-00	Ultimech for .882" Token
42-3111-00	Ultimech for .900" Token
42-3112-00	Ultimech for .984" Token

We have over 50 Sales People to help you get the right parts & supplies you need!



Call (888) 289-4277 to Contact a Suzo-Happ Sales Representative Near You

AMERICAN CHANGER CORP.

AMERICAN CHANGER AC401 BATTERY POWERED CHANGER

New

- Unique front load machine is ideal for bulk vending, kiddie rides or small vending locations where power is not available
- 12-Volt rechargeable battery lasts 8-10 weeks
- Stackerless validator accepts $1 and $5 bills
- Hopper capacity: 1600 coins ($400.00)
- Warranty: 1-year parts and labor
- Weight: 40 lbs
- Size: 19-1/2" H x 9-1/2" W x 11-1/2" D



AMERICAN CHANGER CORP.

Part Number	Description
AC401	American Changer AC401 Battery Powered Changer

AMERICAN CHANGER AC500 BILL CHANGER

New

- Front load model is ideal for small Vending and Amusement locations
- Pyramid Validartor accepts: $1, $5
- Stacker capacity: 500 bills
- Hopper capacity: 1000 quarters (optional) 800 $1 coins
- Warranty: 1 year on parts, 2 years on validator
- Dimensions: 8-1/2" W x 18" H x 10" D
- Weight: 29 lbs



AMERICAN CHANGER CORP.

Part Number	Description
AC500	American Changer AC500 Bill Changer

AMERICAN CHANGER AC1000 BILL CHANGER

New

- No validator
- Hopper capacity: 2,800 quarters/tokens, 2,200 $1 coins
- Token range: Diameter: 3/4" to 1-1/8", Thickness: .049" to .098"
- Warranty: 1 year on parts, 2 years on validator
- Dimensions: 8-1/2" W x 26" H x 13" D
- Weight: 58 lbs.



AMERICAN CHANGER CORP.

Part Number	Description
AC1000	American Changer AC1000 Bill Changer

AMERICAN CHANGER SINGLE HOPPER BILL CHANGER

- Coinco Mag50 bill validators accepts $1, $2, $5, $10, $20
- Can dispense one or two of the following: quarters, tokens or $1 coins
- Stacker capacity: 450 bills
- Hopper capacity: 2,800 Quarters / tokens, 2,200 $1 coins
- Token Range: Diameter: .3/4" to 1-1/8", Thickness: .049" to .098"
- Size: 8-1/2" W x 26" H x 13" D
- Weight: 50 lbs



AMERICAN CHANGER CORP.

Part Number	Description
AC1001	American Changer Single Hopper Bill Changer
AC1070	Base for AC1001 & AC1000

AMERICAN CHANGER AC1002 HIGH SECURITY BILL CHANGER

New

- Front load model is high security version of AC1001 with thicker cabinet, recessed door and dual locks
- Pyramid validators accepts $1, $2, $5, $10, $20
- Stacker capacity: 500 bills
- Dispenses quarters, tokens or $1 coins
- Hopper capacity: 2,300 Quarters / tokens; 2,000 $1 coins
- Token range: Diameter: .75" to 1.12", Thickness: 0.049" to 0.098"
- Dimensions: 10.5" W x 26" H x 13" D
- Weight: 75 lbs



AMERICAN CHANGER CORP.

Part Number	Description
AC1002	American Changer AC1002 High Security Bill Changer

AMERICAN CHANGER AC1005 BILL CHANGER

New

- Rear load model
- Pyramid validators accepts $1, $2, $5, $10, $20
- Stacker capacity: 500 bills
- Dispenses quarters, tokens or $1 coins
- Hopper capacity: 2,300 Quarters / tokens; 2,000 $1 coins
- Token range: Diameter: .75" to 1.12", Thickness: 0.049" to 0.098"
- Dimensions: 8.5" W x 26" H x 13" D
- Weight: 58 lbs
- Stainless steel face plate: 12.5" W x 30" H; weighs 20 lbs



AMERICAN CHANGER CORP.

Part Number	Description
AC1005	American Changer AC1005 Bill Changer

AMERICAN CHANGER CORP.

AMERICAN CHANGER DUAL HOPPER BILL CHANGER

- Coinco Mag50 bill validators accepts $1, $2, $5, $10, $20
- Can dispense one or two of the following: quarters, tokens or $1 coins
- Stacker capacity: 1,000 bills
- Hopper capacity: 2,800 Quarters / tokens 2,800/hopper or 5,600 total; 2,200 $1 coins/hopper or 4,400 total
- Token Range: Diameter: 3/4" to 1-1/8", Thickness: .049" to .098"
- Size: 13-3/8" W x 26" H x 13" D
- Weight: 91 lbs



AMERICAN CHANGER CORP.

Part Number	Description
AC2001	American Changer Dual Hopper Bill Changer
AC2000	American Changer Dual Hopper Bill Changer without Bill Validator

AMERICAN CHANGER DUAL HOPPER BILL CHANGER

New

- High security front load model has dual locks for increased security
- Pyramid validator accepts $1, $5, $10, $20
- Stacker capacity: 1,100 bills
- Can dispense one or two of the following: Quarters, tokens or $1 coins
- Hopper capacity: Quarters/tokens (2,800/hopper or 5,600 total), $1 coins (2,200/hopper or 4,400 total)
- Token range: Diameter: 3/4" to 1-1/8", Thickness: .049" to .098"
- Warranty: 1 year on parts, 2 years on validator
- Size: 15-1/2" W x 26" H x 13-1/2" D
- Weight: 93 lbs.



AMERICAN CHANGER CORP.

Part Number	Description
AC2002.1	American Changer Dual Hopper Bill Changer

American Changer Spare Parts Available Upon Request

AMERICAN CHANGER AC2225 BILL CHANGER

New

- Designed for Amusement, Vending Car Wash, Laundry industries
- Rear Load, dual validators with impressive 11,200 coin capacity
- Has two complete changers built into one high-security package
- Dual Pyramid validators accept $1, $2, $5, $10, $20
- Stacker capacity: 1,800 bills
- Can dispense one or two of the following: quarters, tokens or $1 coins
- Dual hopper capacity: quarters/tokens 5,600/hopper; $1 coins 4,400/hopper
- Token size: .75" to 1.12"; thickness .049" to .098"
- Warranty: 1-year on parts; 2-years on validators
- Weight: 124 lbs
- Size: 19" W x 29" H x 14" D
- Stainless steel face plate 23" W x 33" H; weighs 25 lbs



AMERICAN CHANGER CORP.

Part Number	Description
AC2225	American Changer AC2225 Bill Changer

AMERICAN CHANGER AC6000/6003 BILL CHANGER

- Dual MEI bill validators
- Accepts promotional free play notes
- Can dispense one or two of the following: Quarters, tokens or $1 coins
- Stacker capacity: 2,000 bills
- Hopper capacity: 10,000 Quarters / tokens/hopper or 20,000 total; 9,000 $1 coins/hopper or 18,000 total
- Token Range: Diameter: 3/4" to 1-1/8" Thickness: .049" to .098"
- Size: 28" W x 54" H x 18" D
- Weight: 285 lbs



AMERICAN CHANGER CORP.

Part Number	Description
AC6000	American Changer AC6000/AC6003 Bill Changer

AMERICAN CHANGER CORP.

AMERICAN CHANGER AC7712 BILL DISPENSER

New



- Front load changer designed to break larger bills into smaller bills of one denomination
- Most customers carry $10 and $20 bills, but no one wants 80 quarters from a changer
- Improve customer service and reduce labor costs
- Dispenses “street grade” bills and does not require ATM quality bills
- Ideal for Amusement, Vending, Laundry and Car Wash industries
- LG dual bill dispenser with 700 bill capacity
- High security design
- Pyramid valuator accepts $1, $5, $10, $20 with 500 bill stacker capacity
- LCD digital display
- Inset provided for multiple payouts
- Warranty: 1-year on parts and labor, 2-years on validator
- Size: 19.25" W x 26" H x 18.10" D
- Weight: 140 lbs

AMERICAN CHANGER CORP.

Part Number	Description
AC7712	American Changer AC7712 Bill Dispenser

AMERICAN CHANGER HIGH SECURITY STAINLESS STEEL CHANGER

New



- Front load model recommended for Car Wash, Laundry, Vending and Amusement locations where “Security” is an issue
- Made of Stainless Steel and features (2) High Security Medeco Locks
- The hopper holds 2800 Quarters or Tokens and can be fitted with your choice of a “Change” or “Token” front decal
- Welded Stainless Steel Construction
- (2) High Security Medeco Locks
- Pyramid validator accepts $1, $2, $5, $10, $20
- Stacker capacity: 500 notes
- Can dispense one of the following: quarters, tokens or $1 coins
- Hopper capacity: 2,800 quarters/tokens, 2,200 $1 coins
- Token range: Diameter: 3/4" to 1-1/8", Thickness: .049" to .098"
- Warranty: 1 year on parts, 2 years on validator
- Dimensions: 10-1/2" W x 26" H x 13-1/4" D
- Weight: 84 lbs.

Part Number	Description
AC8002	American Changer High Security Stainless Steel Changer

AMERICAN CHANGER HIGH CAPACITY FLOOR CHANGER

New



- Designed with an illuminated marquee and clear view coin holder
- Slim high profile design and colorful appearance is perfect for the Amusement Industry
- Front load model can hold up to 22,000 quarters
- Change or Token decal available
- Offered in white, yellow or black cabinet
- 1 Pyramid validator accepts: $1, $5, $10, $20
- Stacker capacity: 700 notes
- Condor $1 coin/quarter acceptor
- Accepts promotional free play notes (@ 1 customized value)
- 2 x T-handles and locks with storage compartment below
- Can dispense one or two of the following: Quarters, tokens or $1 coins
- Hopper capacity: Quarters/tokens up to 22,000 total, $1 coins up to 19,000 total
- Token range: Diameter: 3/4" to 1-1/8", Thickness: .049" to .098"
- Dimensions: 18" W x 61" H x 14" D
- Weight: 100 lbs
- Warranty: 1-year on parts; 2-years on validator

AMERICAN CHANGER CORP.

Part Number	Description
AC1078-US	American Changer High Capacity Floor Changer

BILL CHANGER CLEANING KIT

New

- Keep your bill changer in top condition
- Kit contains:
  - 1 can of compressed air
  - 5 bill validators cleaning cards
  - 4 Scotch Brite pads
  - 1 citrus pen for cleaning optics
  - 1 can silicone hopper lubricant



Part Number	Description
29-0667-00	Bill Changer Cleaning Kit

AMERICAN CHANGER CORP.

AMERICAN CHANGER HIGH SECURITY PEDESTAL BASE

New

- Designed to be used with American Changer models AC2000, 2001, 2002, 2002.1, 2006 and 2009
- Made of Gavaneal steel
- Powder coated in flat black finish
- Warranty: 1-year
- Size: 20" W x 26-3/4" H x 15-3/4" D
- Weight: 35 lbs



AMERICAN CHANGER CORP.

Part Number	Description
AC2076	American Changer High Security Pedestal Base

AMERICAN CHANGER AC7770 HIGH SECURITY PEDESTAL BASE

New

- Designed to be used with American Changer AC7700 and AC7800 Bill Breaker models
- Base is made of Gavaneal steel
- Powder coated in a flat black finish
- Warranty: 1-year
- Weight: 40 lbs
- Size: 20" W x 26-1/2" H x 20" D



AMERICAN CHANGER CORP.

Part Number	Description
AC7770	American Changer High Security Pedestal Base

AMERICAN CHANGER REMANUFACTURED LOGIC BOARDS

New

- Warranty: 1-year



AMERICAN CHANGER CORP.

Part Number	Description
AC2061RM	Remanufactured Double Logic Board
AC1067RM	Remanufactured Universal Logic Board

AMERICAN CHANGER WIRELESS CREDIT CARD KIT

New

- Increase sales by accepting credit cards on your American Changer
- Wireless credit card processing
- Remote monitoring of all credit card and cash transactions
- Alert and email notification if machine needs service
- PCI compliant components and PA-DSS gateway software
- Kit includes:
  - External credit card reader with LCD display
  - Voice prompt notifications
  - New control board and power supply
  - Modem and antenna
  - Easy to follow instructions
  - Merchant processing setup instructions:
    - $11.99 monthly wireless access and remote monitoring fee
    - Average cost per transaction $.25 to $.40 (depending on price point)



AC1067-SUW-KIT



WIRELESSONE-KIT

AMERICAN CHANGER CORP.

Part Number	Description
AC1067-SUW-KIT	Wireless Credit Card Kit for AC2002 & AC6000 Manufactured Prior to 2004 (Old Logic Board)
WIRELESSONE-KIT	Wireless Credit Card Kit for Machines with Universal Logic Board

AMERICAN CHANGER REMANUFACTURED HOPPERS

New

- Warranty: 1-year



AMERICAN CHANGER CORP.

Part Number	Description
AC1047.1RM	Remanufactured Rear Load Hopper
AC1047RM	Remanufactured Front Load Hopper

SUZO-HAPP ELECTRIC / MANUAL COIN COUNTER

- Counts coins and tokens of almost any size, even the Golden Dollar Coin
- Available with either plastic or metal tray and base
- Programmable stops at 20, 25, 40, 50, 100, 200 and infinity and automatically stops to allow emptying of wrapper tube
- 5 digit resettable counter
- Reversible motor assists in clearing jams
- Average speed counts between 1,200 - 1,500 coins per minute
- Includes an additional rubber feed roller plus extra internal gears
- Includes $.05, $.10, & .25 coin tubes
- 110v AC
- 90 day warranty

Part Number	Description
80-1050-00	Coin Counter with Metal Tray and Base
80-1209-00	Orange Coin Tube for Golden Dollar

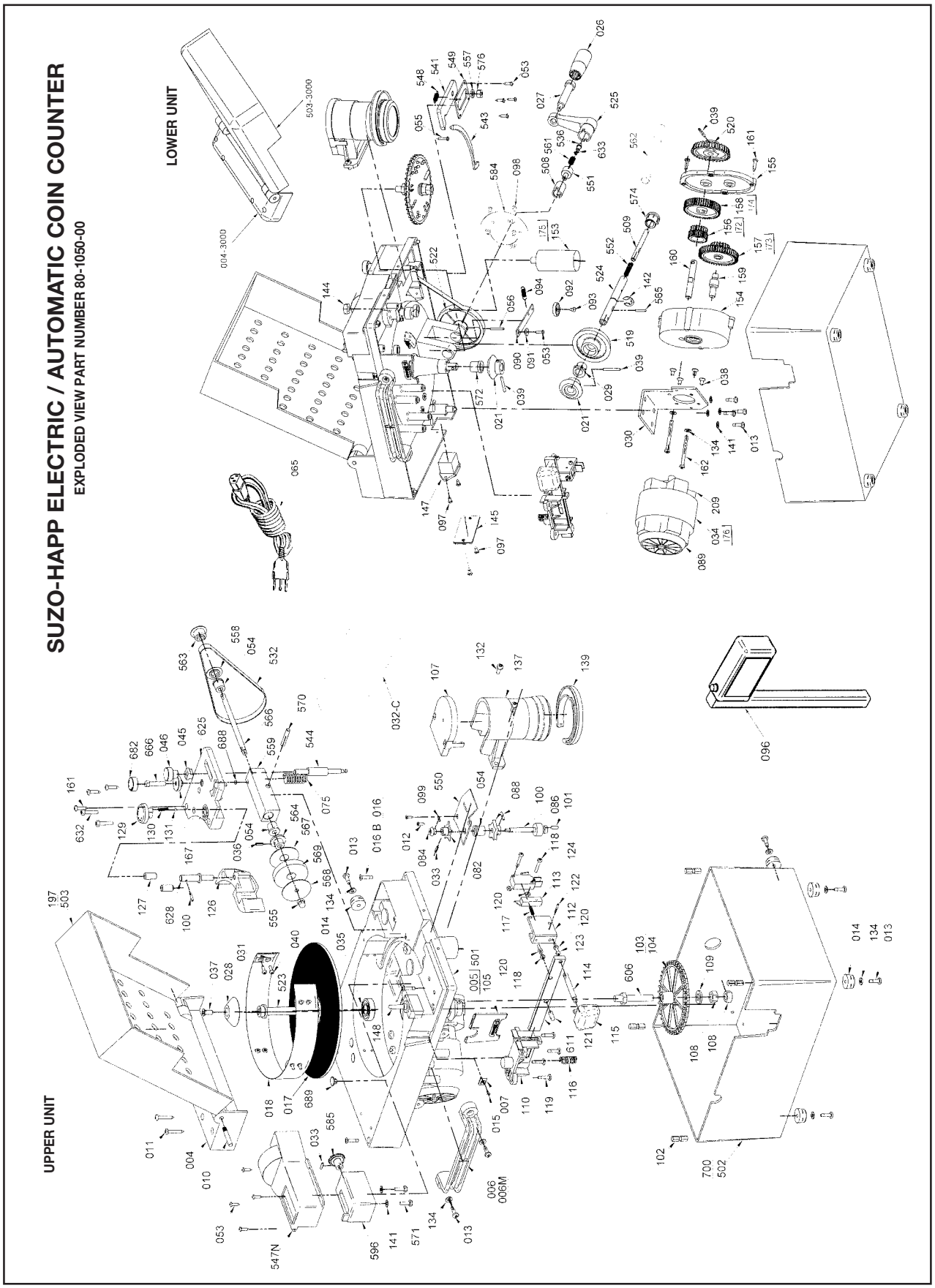


REPLACEMENT PARTS FOR SUZO-HAPP COIN COUNTER

(See exploded view diagram for reference on page 134)

Ref. No.	Part Number	Description
-	**80-1066-00**	Blue Coin Tube $.05
-	**80-1064-00**	Gray Coin Tube $.01
-	**80-1065-00**	Green Coin Tube $.10
-	**80-1055-00**	Orange Coin Tube $.25
194	**80-1209-00**	Orange Coin Tube for Golden Dollar
004	**80-1053-004**	Cover
005	**80-1101-00**	Plate Tooth
006	**80-1056-00**	Handle
010	**80-1069-010**	Hinge
013	**80-1059-013**	Screw for Handle & Foot
014	**80-0057-014**	Rubber Foot
021	**80-1082-021**	Pinion Gear
028	**80-0046-028**	Cone
029	**80-1083-029**	Rotation Bushing
031	**80-1070-031**	Bracket
033	**80-1089-033**	Roll pin
039	**80-1139-039**	Shaft Pin
045	**80-1056-045**	Guide Bracket Slide Arm
046	**80-1037-046**	Knob
054	**80-1063-054**	Bushing
082	**80-1089-082**	Upper Star Wheel
084	**80-1102-084**	Gear for Star Wheel
088	**80-1096-088**	Star Wheel
090	**80-0065-090**	Lever
091	**80-1098-091**	Spacer Pivot for Lever
092	**80-0065-092**	Bushing
093	**80-0065-093**	Pin
094	**80-0047-094**	Spring
096	**80-1058-096**	Meter Old Style
116	**80-0049-116**	Adjustment Spring
117	**80-1061-117**	Spring for Count Stop A
120	**80-0065-120**	Nut
123	**80-0065-123**	Screw
126	**80-1053-126**	Housing
129	**80-0048-129**	Knob

Ref. No.	Part Number	Description
132	**80-1087-132**	Screw
137	**80-1087-137**	Coin Outlet with Ring
139	**80-1087-139**	Plastic Ring
147	**80-0050-147**	Plug Adapter
148	**80-1039-00**	Toggle Switch
161	**80-0052-161**	Screw
175	**80-1097-175**	Condenser
176	**80-1092-176**	Motor
509	**80-1106-509**	Plate
519	**80-1085-519**	Feed Shaft
520	**80-1084-520**	Reducer Gear
522	**80-1080-522**	Gear
532	**80-1054-532**	Drive Belt
541	**80-0051-541**	Mounting Plate
543	**80-0052-543**	Guide Arm
548	**80-0053-548**	Spring
550	**80-1090-550**	Plate
552	**80-1137-00**	Spring
555	**80-1078-555**	Nut
567	**80-1075-567**	Large Washer
568	**80-1077-568**	Rubber Wheel Washer
569	**80-1076-569**	Rubber Feed Wheel
572	**80-1081-572**	Bushing
587	**80-1056-587**	Meter Cover
682	**80-1051-682**	Adjusting Screw
1003	**80-1069-00**	Cover
1006	**80-1099-1006**	Crank Handle
1016	**80-1095-1016**	Shaft for Star Wheel
1017	**80-1086-1017**	Arm Entering for Star Wheel
1018	**80-1057-1018**	Meter
1028	**80-1083-1028**	Lever
1035	**80-1071-00**	Gear Box
2019	**80-1086-2019**	Gear
2025	**80-1053-2025**	Complete Adjustment Assy
2003	**80-1053-2003**	Cover with Hinge


SUZO-HAPP ELECTRIC / AUTOMATIC COIN COUNTER
EXPLODED VIEW PART NUMBER 80-1050-00
LOWER UNIT
UPPER UNIT

KLOPP COIN COUNTER / WRAPPER/ BAGGER

80-0064-CE
CE MODEL



KLOPP INTERNATIONAL, INC.

QUALITY MADE IN THE U.S.A.

Counts, wraps or bags dollars, quarters, nickels, dimes, pennies and tokens one denomination at a time. Pour a large quantity of the same denomination of coins into the tray. Set the controls and insert a bank wrapper in the wrapping tube at the front of the unit. Turn the switch on or turn the crank handle and in four seconds the wrapper is filled with the proper number of coins and the unit automatically stops. Repeat this process until all coins are counted and wrapped. This unit will also count and bag coins instead of wrapping them. Just replace the wrapping tube with an optional bag tube at the front. The resettable meter will tell you the number of coins that have been counted into the bag.

Specifications	
Construction	Cast aluminum and hardened steel
Finish	Polished aluminum and textured gray enamel
Coin Stops	20, 25, 40, 50 coins/tokens for wrapping, plus “C” for continuous flow into a bag
Meter	Five (5) digit resettable
Wrapping Tubes	Color Coded; in U. S. $.25, $.10, $.05, $.01; in Canada $.25, $.10, $.05
Processes	1,800 coins per minute and can fill a bank wrapper in 4 seconds. Coin tray holds approximately 3,000 coins
Dimensions	Electric Model CE 10" W x 12" H x 15" D, (20” D open) Manual Model CM 10" W x 12" H x 10" D, (20” D open)
Weight	Electric 22 lbs., shipping weight 27 lbs. Manual 14 lbs., shipping weight 19 lbs.
Motor	Electric unit only 1/40 hp, 115 volt, 60 cycle
Denominations	Counts, wraps or bags U. S. $1 $.25, $.10, $.05, $.01 plus .800, .882, .900, .984 tokens; In Canada, $.25, $.10, $.05, $.01. Also, U. S. and other coins and tokens up thru 26 mm in diameter and 2 mm in thickness on request.
Electric Model Number	CE
Manual Model Number	CM

Part Number	Description
80-0064-CE	Klopp Electric Coin Counter/Wrapper/Bagger
80-0063-00	Klopp Manual Coin Counter/Wrapper/Bagger
27-1319-00	Bagging Tube for Golden Dollar

REPLACEMENT PARTS FOR KLOPP COIN COUNTERS

Part Number	Klopp Ref No.	Description
42-3169-00	2-010	Drive Star
80-0261-00	3-111120	Standard Frame, Manual
80-0246-00	3-1210	Bracket Disc
80-0248-00	3-1349	Pinion Gear - Disc Shaft
80-0063-3-1360	3-1360	Rubber Inserts for Top of Count
80-0263-00	3-9010	Meter Only, as of 7/88
42-7205-00	3-9020	Knob for Coin Meter
80-0224-00	3-925110	Leg Shoulder Screw
80-0272-00	3-92550	Rubber Tip
27-1199-00	3-92590	Tray Locking Leg
80-0256-00	4-390	Drive Belt - Motor
80-0240-00	482213	Motor, Long Shaft
80-0265-00	7-20	Trip Hinge
80-0063-93-2210	93-2210	Lower Discharge Wheel
80-0254-00	93-40	Hopper/Horn & Shield Assembly
80-0268-00	93-420	Shield Assembly
80-1202-05	94-975	Nylon Wrapping Tube $.05
80-0250-00	3-22250	Shaft-Discharge Wheel
80-0243-00	3-320	Rubber Base Feet
80-0242-00	3-550	Pawl Spring
80-0247-00	3-560	Spring-Coin Guide Finger
42-3170-00	3-570	Coin Guide Finger
80-0257-00	3-620	Screw - Hopper Shoulder
80-0259-00	3-630	Plate - Hopper Shoulder Screw
42-7206-00	3-740	Tube Clip
80-0228-00	93-530	Worm Assembly
80-0250-00	3-22250	Shaft-Discharge Wheel
80-0243-00	3-320	Rubber Base Feet
80-0242-00	3-550	Pawl Spring
80-0247-00	3-560	Spring-Coin Guide Finger
42-3170-00	3-570	Coin Guide Finger
80-0257-00	3-620	Screw - Hopper Shoulder
80-0259-00	3-630	Plate - Hopper Shoulder Screw
42-7206-00	3-740	Tube Clip
80-0228-00	93-530	Worm Assembly
80-0063-93-580	93-580	Upper Discharge Wheel
80-0251-00	93-6170	Guide Rail Assembly
80-0063-93-830	93-830	Crank Assembly
93-900	93-900	Meter Assembly, pre 7/88
80-1202-984	93-9129	Metal Wrapping Tube, .984 Token
80-0267-00	94-2120	Small Gear Assembly
80-1202-01	94-971	Plastic Wrapping Tube $0.01 Penny
80-1202-10	94-9710	Plastic Wrapping Tube $0.10 Dime
80-1202-1	94-97100	Nylon Wrapping Tube, 1" Token
80-1202-25	94-9725	$0.05 Nickel $0.25 Quarter
80-1202-1125	94-9718	Nylon Wrapping Tube, $2 Canadian
80-1202-882	94-97882	Nylon Wrapping Tube .882 Token
80-1202-900	94-97900	Nylon Wrapping Tube .900 Token
80-0063-99-101	99-101	Crank Handle

KLOPP KCS60 COUNTING SCALE

New



- The KCS Series Coin Counter is an easy-to-use, highly accurate scale for weighing coins, tokens
- 10 programmable keys; 6 are preprogrammed for all US coins and 4 extra keys allow for programming currency and tokens
- Up to 25 multiple weightments can be accumulated for batch counting
- The scale will count in 3 seconds or less, displaying quantity and total value
- The scale is completely portable with battery or AC Adapter
- Will weigh a max of $1,000 in quarters
- Capacity: 60lbs
- Programmable Unit Weight and Denomination
- 10 Keys for coins, tokens, and US currency. 6 are preprogrammed for all US coins, 4 are open for future use.
- 3 large LED displays for Denomination/ Weight/ Value with backlight
- Total Value Accumulations (up to 25) (Batch Counting)
- Overload protection
- RS-232 Serial Port Standard
- AC Adapter and 6 Volt Rechargeable Battery
- Weight: Product- 9lbs. Shipping- 11lbs.

Part Number	Description
KCS-60	Klopp KCS60 Coin Counting Scale

CASSIDA C100 COIN SORTER AND COUNTER

New



- The C100 is an all-in-one solution for most coin handling needs and is ideal for small to mid-size route operator
- Counts pennies, nickels, dimes and quarters
- Automatic coin sorter and counter simultaneously
- Counts up to 250 coins per minute
- Counting modes: Continuous, Batch and Accumulation counting
- Set batch qty. and roll coins as well with the included tube set
- Automatic stop
- Durable all plastic construction
- Ergonomic and compact design, unit weighs only 8.6lbs
- 1-Year full parts and labor warranty

Part Number	Description
80-1060-C100	Cassida C100 Coin Sorter and Counter

CASHCAN MSB-30 BANK NOTE COUNTER



- Variable speed preset and variable batch dual display
- Super light weight
- Three counting speeds
- Built-in self-diagnosis
- Note thickness adjustment
- Auto Density adjustment
- Dual display; Error display
- Selection of preset or variable counting
- Counting speed: 1,500/1,200/900 notes per minute
- Magnetic counterfeit detection
- Hopper capacity: 300 notes, Stacker capacity: 200 notes
- Note size range: 500mm x 100mm to 100mm x 190mm
- Dimensions: 10.23" W x 9.25" H x 8.74" D
- Weight: 10.47 lbs.

Part Number	Description
80-1112-20	Cashscan MSB-30 with Counterfeit Detect

MAG II CURRENCY COUNTER



- Outstanding performance at an affordable price
- Compact, durable and easily portable
- Counts up to 1,200 notes per minute
- Variable batch counting
- Automatic start
- Hopper capacity 300 notes, stacker capacity 200 notes
- Dimensions: 11" W x 9.45" D x 7.68" H
- Weight 12.4 lbs.

Part Number	Description
80-1207-00	Magner Currency Counter - Model 20

CASSIDA 6600 CURRENCY COUNTER

New



- Intelligent bill density recognition system eliminates time-consuming stops common in conventional bill counters
- Innovatively engineered mechanism combines smooth counting of back-loading machines with the user friendly hopper of the frontloading machines
- Unit offers simultaneous adding and batching mode that allows batching needed amounts while keeping track of the total sum
- Counter offers multi detection features such as; UV marking, intelligent double note, Magnetic ink and Infra-Red
- Hopper capacity: 400-bills, Stacker capacity: 300-bills
- Counting speed of 1400 bills per minute or higher
- Unit weighs only 12-lbs

Part Number	Description
80-6600-00	Cassida 6600 Professional Currency Counter

CSM-1000 CURRENCY BANDING MACHINE

New

- Fully automatic, operator friendly, easy to use
- Meets all ABA standards
- No need to use hand applied straps
- Bands all currency denominations
- Space saving tabletop design
- Rugged and reliable
- Designed for heavy use in casinos, banks, counting rooms, vaults, etc.
- Size: 13.7" L x 10.9" W x 11.8" H
- Weight: 13 lbs
- Power: 110V AC, 50 Hz, 6 Amps
- Certifications: UL, CE, CUL, FCC
- 2-year warranty





Paper Rolls

- Paper rolls available in ABA colors
- 1-1/8" wide, 650 ft long; approximately 1,000 bands
- Paper rolls are sold per case; 6 rolls per case

Part Number	Description
80-1432-00	CSM-1000 Currency Banding Machine
Paper Rolls (Case of 6)	
80-1597-00	$50 Denomination – Orange
80-1486-00	$100 Denomination - Blue
80-1654-00	$250 Denomination – Green
80-1541-00	$500 Denomination – Red
80-1712-00	$1,000 Denomination – Yellow
80-1771-00	$2,000 Denomination – Violet
80-1831-00	$5,000 Denomination – Brown
80-1892-00	Blank Denomination – White

COIN STACKER TUBE

- Heavy duty, color-coded coin tubes counts and wraps coins in a hurry
- Hand held
- Simply add coins to fill line
- 5¢, 10¢ and 25¢ stackers sold separately



Part Number	Color	Description
27-1043-25	Orange	Coin Stacker Tube – 25¢
27-1043-100	Gray	Coin Stacker Tube – $1.00

BRASS TOKENS

- Use tokens to free up cash
- Reduce theft
- Material: golden brass
- Available in six popular sizes
- Minimum order 100 pieces

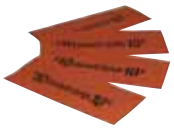


Part Number	Size
42-8011-00	.800 x .075
42-0731-00	.882 x .070
42-0700-00	.900 x .070
42-0701-00	.984 x .060
42-0701-01	1.00 x .060
42-0701-06	1.125 x .065

COIN WRAPPERS

- Top quality weather proof paper
- Tubular wrapper open with ease
- For that extra touch, imprint your name on the wrappers. No question whose money it is.
- Minimum order one box of 1,000





Part Number	Coin	Capacity	Case Qty
27-1155-00	1¢	$ .50	20k
27-1231-00	5¢	$1.00	30k
27-1046-00	5¢	$2.00	20k
27-1045-00	10¢	$5.00	20k
27-1230-00	25¢	$5.00	24k
27-1020-00	25¢	$10.00	16k
27-1019-XXXX	25¢	$10.00	16k
Imprinted			
27-1229-00	50¢	$10.00	12k
27-1351-00	$1.00	$25.00	20k

CURRENCY BANDS

- Great for locations that count large amounts of dollars
- Pressure sensitive adhesive
- Minimum order 1,000
- 20,000 per case



Part Number	Description
27-1021-00	Currency Bands – $50 Imprint
27-1022-00	Currency Bands – $100 Imprint
27-1023-00	Currency Bands – $500 Imprint

COLLECTION REPORT BOOK

- Designed for all coin-operated machines
- 3-3/8" x 5"
- 3 sheets per set
- 50 sets per book
- Each set in numerical order
- 100 books per case



Part Number	Description
27-1041-00	Collection Report Book

BANK DEPOSIT BAGS

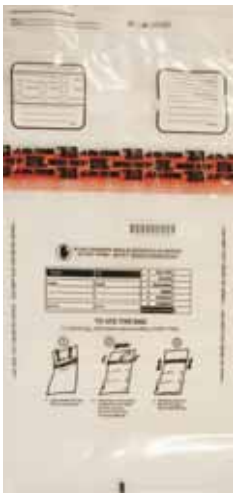
- Plastic bags primarily used for cash and checks
- Tamper evident adhesive closure
- Sequentially numbered with tear off receipt for easy tracking
- Two color imprint to record content information
- Strong 3 mil clear film
- Available in 2 sizes: 9" x 12" or 12" x 15.5"
- Packed 500 per case
- Sold by the case only



Part Number	Description
27-0074-00	9" x 12" Bank Deposit Bag
27-0075-00	12" x 15.5" Bank Deposit Bag

PLASTIC COIN DEPOSIT BAG

- Plastic bag for loose coin bank deposits
- Super tough 6.5 mils clear film
- Tamper evident adhesive closure
- Dual sequential numbering with barcode tear off receipt for easy tracking
- Two color stock imprint to record content information (a Federal Reserve requirement)
- Easy to use directions with illustrations
- Handy die-cut handle for easy transport
- Made with non-slip film to prevent slipping when stacked
- Available in 2 sizes: 10" x 15" or 12" x 20"
- Sold by the case only, packed 100 per case
- Federal Reserve requirements vary by location; verify this bag meets requirements in your area



Part Number	Description
27-0113-00	10" x 15" Plastic Coin Deposit Bag (Capacity: 500 quarters)
27-0112-00	12" x 20" Plastic Coin Deposit Bag (Capacity: 1,000 quarters)

COIN BAG ENVIRO SEALS

- Seals money bag to prevent tampering with your money
- Applied with any standard sealing tool
- Minimum order 50
- 250 per case
- Gray serrated cap secures the neck of the bag
- Environmentally safe – replaces lead seals



Part Number	Description
27-1057-00	Coin Bag Enviro Seals

CLOTH COLLECTION BAG

- Large 12" x 19" size
- Ultra strong tear resistant canvas with double strength seams
- Color: white
- Zipper not included



Part Number	Description
27-0117-00	Money Bag

COLLECTION MONEY BAG

- Convenient 11"x 8" size
- 10 oz. Army Duck material double stitched
- Color: Red
- High quality brass zipper on long side of bag



Part Number	Description
49-0648-00	Collection Money Bag

CURRENCY WALLETS

- Five pockets for different currency denominations
- 1" wide belt loops on back
- Heavy-duty 3/4" grommet for chain
- Oversize flap closes securely with hook and loop system
- Choose from two types of material



95-1149-00

Part Number	Description
95-1148-00	Black Neoprene Coated Nylon
95-1149-00	Black Imperial Nylon

ORANGE WOOD STICK FOR CLEANING



- Used in cleaning slot machine knives, coin comparitors and in cleaning room for board soldering
- Helps remove coins out of card readers and clearing all coin jams
- Safe material for use in ESD sensitive areas; will not melt or deform at high temperatures
- Durable, yet soft enough to not mar delicate components and surfaces
- Comes 100 per pack

Part Number	Description
92-2037-00	Orange Wood Stick, 100/pack

RECTANGULAR FANNY PACK



- Rectangular shape makes it great for currency
- Four large zippered pockets plus two small zippered side pockets
- Side pockets are great for coins
- Durable 900 denier polyester with PVC backed water resistant fabric
- Belt adjusts up to 55" waist
- Size: 9" x 5.25" x 1.25"
- 5-year manufacturer limited warranty
- Color: Black

Part Number	Description
95-2096-10	Rectangular Fanny Pack

NYLON POUCH WALLET



- Great for handling money or for service technicians
- Ideal for casino jackpot slips, money, rolls of coins, small tools, etc.
- Constructed of heavy-duty black imperial nylon
- Two extra large 4" belt loops on back for high security
- Five interior pockets for separation of items
- "Quick Close" with hook and loop system
- High security closure with full zipper
- Size: 8" wide x 4" high; depth 2.5" to 3.5"

Part Number	Description
80-1186-00	Nylon Pouch Wallet

DELUXE NYLON CURRENCY POUCH



- Ideal for casino jackpot slips, bills, rolls of coins, small tools, etc.
- Constructed of heavy-duty black imperial nylon
- Extra large 3-1/2" belt loop
- Six interior divider pockets ideal for separating bills
- Front and middle zipper storage compartments
- Plastic front see-through pocket
- Size: 4" D x 10" W x 5" H

Part Number	Description
80-1186-20	Deluxe Nylon Currency Pouch

VALIDATOR LABEL SETS

MEI



49-0800-00

MEI



49-0800-10

CashCode



49-0800-20

CashCode



49-0800-30

- Bright yellow label with black printing
- Laminated for durability and longevity
- Arrows attract attention to where money is to be inserted into validator
- Interior labels used toidentify bill denominations accepted
- For use on either Stackerless, Upstacker, or Downstacker applications as noted

Part Number	Description
49-0800-00	Validator Label Set for MEI Series 2000 (Upstacker & Downstacker)
49-0800-10	Validator Label Set for MEI AL, GL and LE Series (Stackerless, Upstacker & Downstacker)
49-0800-20	Validator Label Set for CashCode Stackerless
49-0800-30	Validator Label Set for CashCode "UNV" Universal Stacker (Upstacker & Downstacker)

VALIDATOR LABEL SET

- Attaches to top of bill entry chute on validator – makes it easy to see
- Black print on bright yellow background
- Adhesive backed
- Size: 2.75" x .75"
- Complete set of all labels shown at right



Part Number	Description
42-0548-00	Validator Label Set

BILL VALIDATOR LABEL

- Accepts $1 and $5 Bills
- Use on Rainbow crane games and others
- White print on clear mylar label with adhesive backing
- Size: 3-1/4" x 4-1/4"



Part Number	Description
42-7191-00	Bill Validator Label

PAY PER PLAY LABELS

- Ideal for video games, pool tables or any other coin-operated application
- Size: 1-1/8" H x 3-3/8" W
- Bright yellow label with black printing
- Full roll = 500 labels



95-0723-1T



95-0723-1Q

Part Number	Description
95-0723-1T	1 Token 1 Play
95-0723-2T	2 Token 1 Play
95-0723-3T	3 Token 1 Play
95-0723-4T	4 Token 1 Play
95-0723-5T	5 Token 1 Play
95-0723-6T	6 Token 1 Play
95-0723-1Q	Quarters Only $.25 1 Play
95-0723-2Q	Quarters Only $.50 1 Play
95-0723-3Q	Quarters Only $.75 1 Play
95-0723-4Q	Quarters Only $1.00 1 Play
95-0723-5Q	Quarters Only $1.25 1 Play
95-0723-6Q	Quarters Only $1.50 1 Play

PRESSURE SENSITIVE PRICE LABELS

- 9 /16" x 7 /8", Black on White
- 500 per roll, sold each
- Minimum order quantity- 10



Part Number	Description
27-1283-00	50 cents
27-1284-00	55 cents
27-1285-00	60 cents
27-1286-00	65 cents
27-1287-00	70 cents
27-1288-00	75 cents

PRESSURE SENSITIVE PRICE LABELS

- 1" x 1-1 /2"
- Black on Silver
- Minimum order quantity 10



Part Number	Description
27-1115-00	25¢
27-1114-00	50¢
27-1113-00	75¢
27-1117-00	1 dollar
27-1183-00	$1.25

"PRICE INCLUDES" LABEL

- 1-1 /4" x 2"
- Red on White
- Minimum order quantity 10



Part Number	Description
49-0644-00	"Price Includes" Label

COIN DOOR LABELS

- Complete set of all labels shown
- Adhesive backed
- Black print on gold metallic background
- Size: 1" x 3"



Part Number	Description
42-0305-00	Coin Door Label Sets

COIN REJECT BUTTON INSERT LABELS

- White characters on black background
- Made of Mylar
- 1.05" high x .73" wide x .01" thick
- Minimum order quantity 10



42-0084-00 42-0085-00 42-0086-00 42-0087-00 42-0107-00 42-0521-00 42-0412-00 42-0433-00



42-0543-00 42-0576-00 42-0461-00 42-0463-00 42-0464-00 42-0591-00 42-0108-00 42-0462-00

Part Number	Description
See Chart	Denomination Inserts

TICKET DISPENSER LABEL SET

- Great way to attract attention to ticket dispensing machines
- Simply peel off and stick on
- Black printing on bright yellow background
- Durable polystyrene material adhesive backed
- Size: 5.5" x 4"
- Complete set of 3 decals: “Tickets”, “Tickets with Arrow”, and “For Amusement Only”



Part Number	Description
42-1378-00	Ticket Dispenser Label Set

“NO REFUND” LABEL

- Bright red on white background
- Size: 3" x 4-5/8"



Part Number	Description
49-0656-00	“No Refund” Label

“AMUSEMENT ONLY” WARNING LABELS

- Black text on bright yellow
- Laminated coating for easy cleaning
- Size: 2" x 7-1/2"



49-0662-00

Part Number	Description
49-0662-00	“Must be 18 Years Old” Label
49-0665-00	“Must be 21 Years Old” Label

“OUT OF ORDER” LABEL

- Black on orange
- Size: 1-1/2" x 2"
- Special adhesive for easy removal after service is completed



Part Number	Description
42-7017-00	“Out of Order” Label

CT3 COIN CHANGER & BILL VALIDATOR TESTER

- The CT3 allows the test and repair of most coin changers, bill acceptors and even cashless systems on the market
- Advanced features such as the capability of testing coin changers having up to 7 tubes of change as well as a vend simulator with three programmable selections
- Pays for itself within a short time
- The CT3 can test Single Price 120V coin changers, Logic 24V and 117V with 12 or 15 pins, MDB coin changers and bill acceptors



S.E.M. inc.

- Features including Multimode coin changer and bill validator tester, exclusive SSPS (SEM Short Protection System), Auto-Test function and a serial printer output
- Auto Test feature takes you step-by-step through the testing process
- S.E.M. Short Protection System electronically detects power surges thereby reducing the risk of damage to the item and the tester.

The CT3 Vending Tester PRO can test the followingtype of equipment:

- Single Price 120 volts coin Changer
- Logic (Dumb) 12 pins 117 VDC Coin Changer
- Logic 12 pins 24 VDC Coin Changer
- Logic 15 pins 24 VDC Coin Changer
- MDB Coin Changer with up to 7 tubes
- MDB Bill Acceptor

Part Number	Description
92-2322-00	CT3 Coin Changer & Bill Validator Tester
92-0340-00	Changer Stand
92-0339-00	External Bill Validator Module (EBVM) for Pulse Type Bill Validators

“TOKEN ONLY” LABEL

- Pressure sensitive adhesive
- Black on bright red
- Size: 4" x 1-1/4"



Part Number	Description
42-7018-00	“Token Only” Label

SUZO-HAPP 7-DIGIT METER

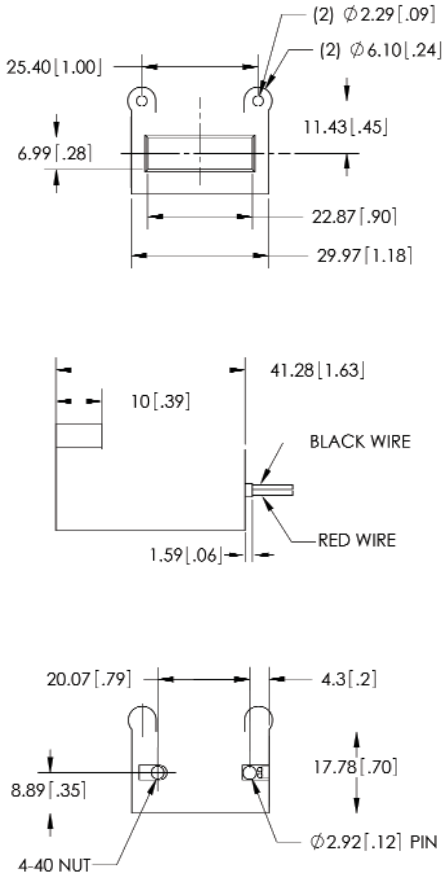
New



- 7 digit non-resettable
- Display digits size .153" (3.9mm)
- Low cost, small size
- Rugged ABS clear case with Magnifying lens
- Count Speed: 25 CPS (counts per second) 50/50 ratio on/off
- Internal diode
- 13.78" (350mm) Flying leads
- Available in 5vdc, 12vdc and 24vdc
- Operating Voltage +/- 10%
- Lower power consumption: 1.2 watt
- Operating temperature 23 – 104 degrees F
- Mounted using a front screw mount
- 4-40 nut on back of meter for alternative bracket mounting

SUZO HAPP

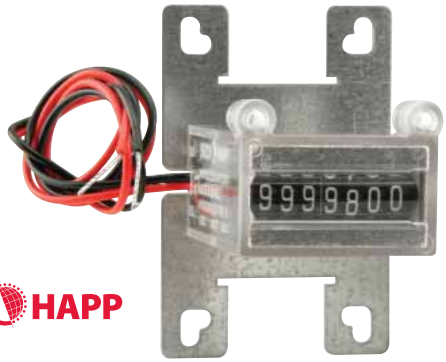
MOUNTING DIMENSIONS



Part Number	Description
42-08005-07	5vdc 7-Digit Meter with Magnification Lens with NO Bracket
42-08012-07	7-Digit Meter 12vdc with Magnification Lens with NO Bracket
42-08024-07	7-Digit Meter 24vdc with Magnification Lens with NO Bracket

SUZO-HAPP 7-DIGIT METER WITH BRACKET

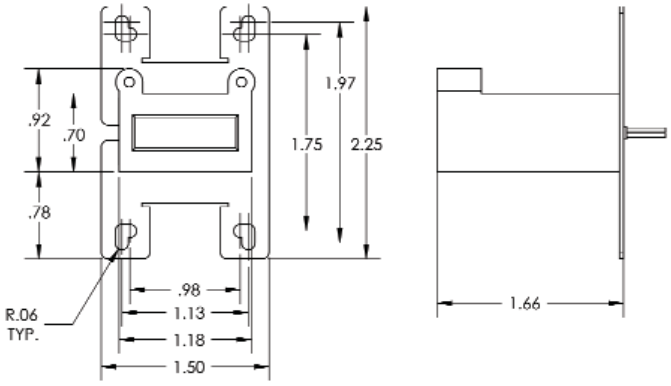
New



SUZO HAPP

- 7 digit non-resettable
- Display digits size .153" (3.9mm)
- Low cost, small size
- Rugged ABS clear case with Magnifying lens
- Count Speed: 25 CPS (counts per second) 50/50 ratio on/off
- Internal diode
- 13.78" (350mm) Flying leads
- Available in 5vdc, 12vdc and 24vdc
- Operating Voltage +/- 10%
- Lower power consumption: 1.2 watt
- Operating temperature 23 – 104 degrees F
- Mounting bracket is compatible to Kessler Ellis KE610FB

MOUNTING DIMENSIONS



Part Number	Description
42-08005-071	5vdc 7-Digit Meter with Magnification Lens with Bracket
42-08012-071	7-Digit Meter 12vdc with Magnification Lens with Bracket
42-08024-071	7-Digit Meter 24vdc with Magnification Lens with Bracket

SUZO-HAPP 7-DIGIT METER WITH BRACKET

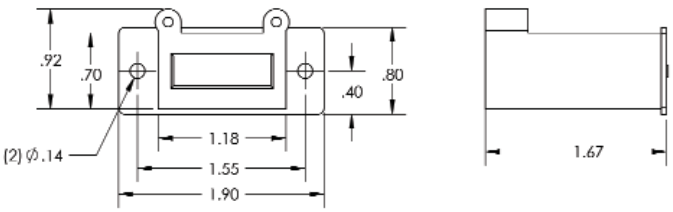
New



SUZO HAPP

- 7 digit non-resettable
- Display digits size .153" (3.9mm)
- Low cost, small size
- Rugged ABS clear case with Magnifying lens
- Count Speed: 25 CPS (counts per second) 50/50 ratio on/off
- Internal diode
- 13.78" (350mm) Flying leads
- Available in 5vdc, 12vdc and 24vdc
- Operating Voltage +/- 10%
- Lower power consumption: 1.2 watt
- Operating temperature 23 – 104 degrees F
- Mounting bracket is compatible to Suzo-Happ Bracket

MOUNTING DIMENSIONS



Part Number	Description
42-08005-072	5vdc 7-Digit Meter with Magnification Lens with Bracket
42-08012-072	7-Digit Meter 12vdc with Magnification Lens with Bracket
42-08024-072	7-Digit Meter 24vdc with Magnification Lens with Bracket

SUZO-HAPP 7-DIGIT METER WITH BRACKET

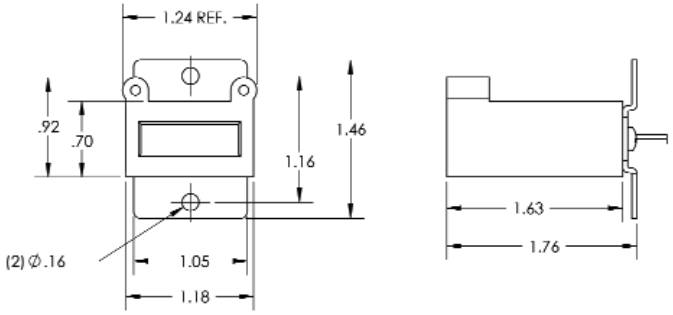
New



SUZO HAPP

- 7 digit non-resettable
- Display digits size .153" (3.9mm)
- Low cost, small size
- Rugged ABS clear case with Magnifying lens
- Count Speed: 25 CPS (counts per second) 50/50 ratio on/off
- Internal diode
- 13.78" (350mm) Flying leads
- Available in 5vdc, 12vdc and 24vdc
- Operating Voltage +/- 10%
- Lower power consumption: 1.2 watt
- Operating temperature 23 – 104 degrees F
- Mounting bracket is compatible to Kessler Ellis E760FB

MOUNTING DIMENSIONS



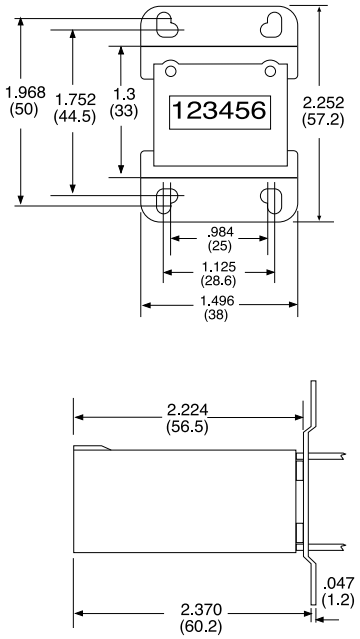
Part Number	Description
42-08005-073	5vdc 7-Digit Meter with Magnification Lens with Bracket
42-08012-073	7-Digit Meter 12vdc with Magnification Lens with Bracket
42-08024-073	7-Digit Meter 24vdc with Magnification Lens with Bracket

KESSLER ELLIS 6-DIGIT METER

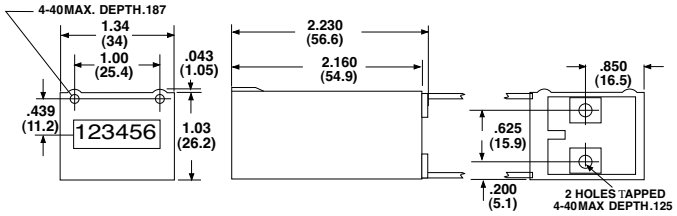
- Electric, non-resettable counter
- 6 digit, counts to 999,999 then repeats
- 600 counts per minute
- With mounting bracket
- With or without diode
- 10" wire leads



6-DIGIT METER WITH BRACKET DIMENSIONS



6-DIGIT METER WITHOUT BRACKET DIMENSIONS



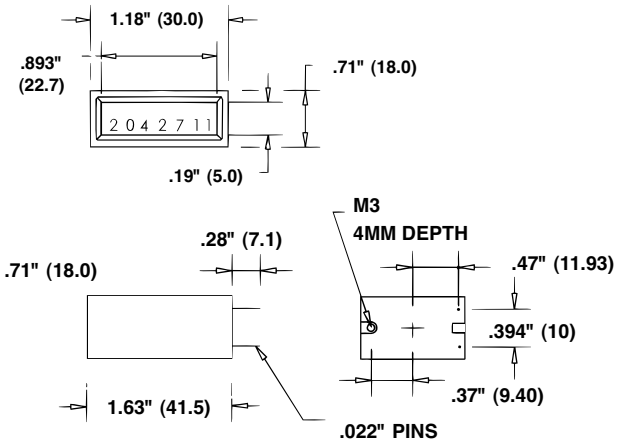
Part Number	Voltage	Bracket	Diode
42-1168-00	4.5/6 DC	Yes	No
42-2093-00	4.5/6 DC	Yes	Yes
42-2093-01	4.5/6 DC	No	Yes
42-0614-00	12 DC	Yes	Yes
42-0092-00	12 DC	Yes	No
42-6914-00	12 DC	No	Yes
42-1317-00	24 DC	Yes	No
42-3140-00	24 DC	Yes	No
42-1167-00	120 AC	Yes	No

KESSLER ELLIS PC BOARD MOUNT 7-DIGIT METER

- Ideal for gaming applications
- 7-digit non-resettable counter
- High speed: 25 counts per second
- PC Board Mount
- Small size
- .022" Pins
- Available in various voltages



DIMENSIONS



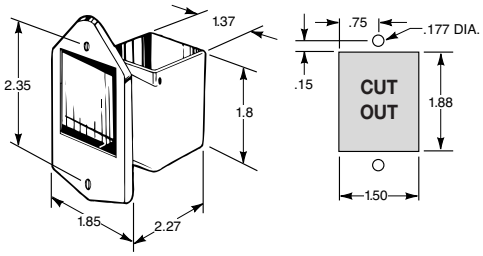
Part Number	Description
42-0754-12V	12vdc 7-digit PC Board Mount Meter
42-0754-24V	24vdc 7-Digit PC Board Mount Meter

COIN RETURN CUP

- Heavy-duty chrome or gold plated die cast construction
- Thread size 6-32

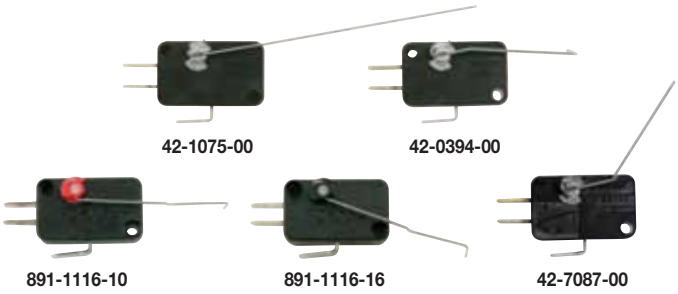


MOUNTING DIMENSIONS



Part Number	Description
42-0259-00	Coin Return Cup without Door, Chrome

COIN SWITCHES

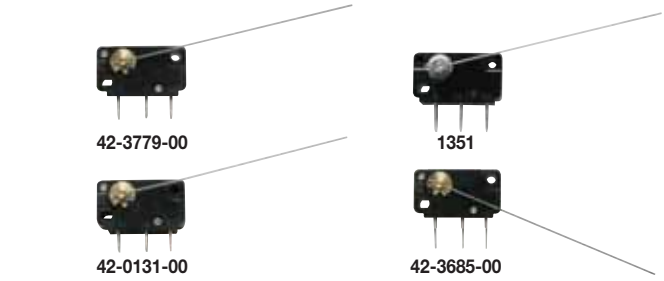


42-1075-00 42-0394-00

891-1116-10 891-1116-16 42-7087-00

Part Number	Description
42-1075-00	Coin Switch Assembly with Straight Wire
42-0394-00	Coin Switch Assembly with Bend for Suzo-Happ Coin Doors
891-1116-10	Coin Controls Coin Switch with Formed Actuator, Red
891-1116-16	Coin Controls Coin Switch with Formed Actuator, Black
42-0200-00	Straight Wire Only, 3.25"
42-7087-00	Coin Switch Assembly Crouzet .250 Terminal

COIN SWITCH WITH WIRE



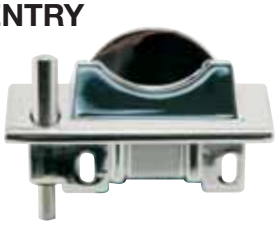
42-3779-00 1351

42-0131-00 42-3685-00

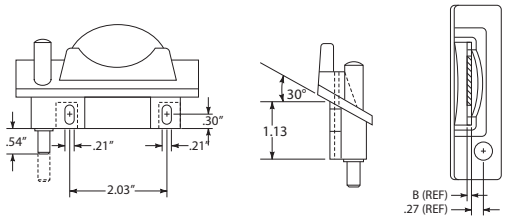
Part Number	Description	Ref. No.	Amps	Terminal Size
1351	Zippy Vertical Straight Wire	CNR-055-03-2	5	.205" QC
42-0105-00	Cherry White Dot	E51-39RA	6	.187" QC
42-0131-00	Cherry White Dot	E51-60B	6	.205" QC
42-0315-00	Cherry White Dot (Horizontal Leads)	E53-78R	0.1	.187" QC
42-0312-00	Cherry Blue Dot	E53-82R	0.1	.187" QC
42-3685-00	Cherry Straight Wire	E51-60T	6	.187" QC
42-3779-00	Cherry Vertical Straight Wire	E53-60B	0.1	.205" QC

TOP COIN ENTRY

- Heavy-duty chrome-plated die cast construction
- Spring loaded reject button
- Plunger length: .50"



MOUNTING DIMENSIONS



Part Number	Description
42-1350-00	Top Coin Entry with Plunger

REJECT BUTTON ASSEMBLY

- Available in red, blue, yellow, green and amber
- Fits all Suzo-Happ doors

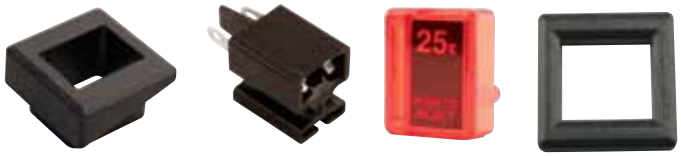
REJECT BUTTON ASSEMBLY XX	
00	Red with .25¢ insert
02	Blue with .25¢ insert
03	Green with 25¢ insert
05	Yellow with .25¢ insert
07	Amber with .25¢ insert



See Page 140 for Reject Button Insert Labels

Part Number	Description
42-0517-XX	Reject Button Assembly

REPLACEMENT PARTS FOR WELLS GARDNER / COIN CONTROLS



891-1311-16 891-1117-00 891-1113-01 891-1312-16



891-1109-16 891-1116-10 891-1116-16

Part Number	Coin Controls Ref.	Description
891-1109-16	891-1109-16	Coin Return Flap, Black
891-1113-01	891-1113-01	Reject Button, Red $0.25 Insert
891-1116-10	891-1116-10	Coin Controls Coin Switch with Formed Actuator, Red
891-1116-16	891-1116-16	Coin Controls Coin Switch with Formed Actuator, Black
891-1117-00	91-0945-00	Lamp Socket
891-1121-00	-	Spring for Return Bezel
891-1311-16	891-1311-16	Reject Bezel, Black Nylon
891-1312-16	891-1312-16	Return Bezel, Black Nylon
891-2216-03	891-2216-03	Coin Switch with Bracket for DBV Door
892-1002-04	892-1002-04	Hold Down Bracket for Validator Door
892-1002-10	892-1002-10	Mech Hold Down Bracket

PLASTIC TOP COIN ENTRY

- Durable ABS plastic
- Available with long or short shaft
- Spring loaded reject button
- For use with back channel assembly



Part Number	Description
42-0176-00	Plastic Top Coin Entry, Long Shaft

PLASTIC BACK CHANNEL ASSEMBLY

- "Universal" mech. holder design. Will fit all known 3" x 5" mechanical and electronic acceptors on the market
- Optional lockout coil available
- $.25 US Mech. fitted as standard



Part Number	Description
42-1398-00	Plastic Back Channel with Mech.

BACK CHANNEL ASSEMBLY

- With coin switch
- With 25¢ coin mech
- Mech fitted with custom funnel



Part Number	Description
WGD13-5000-10	Back Channel without Mech & Lockout

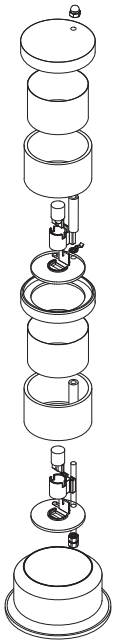


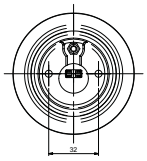
CLASSIC TOWER LIGHTS

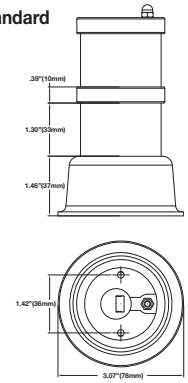
- Two different lens heights to accommodate your cabinet design
- Standard version is for upright cabinets, Mini for sit down models
- Both Standard and Mini versions available with chrome or gold plating
- Available with one, two or three lights; 6 different colors for various combinations
- Bag containing one of each color (red, orange, yellow, green, blue and white) insert included for each tier
- White shield foil made from special heat resistant Formex material
- Standard Molex plug and harness included
- All “Classic” Tower Lights include UL approved wiring, separate ground strap and 12V – 3W 0.39" (10mm) wedge base lamps
- Optional 12V 10mm wedge base LED replacement (91-1068-00)
- All Classic towerlights are standard including UL approved wiring, seperate ground strap and fitted with 12V - 3W 10mm wedge base lamps
- Standard Molex plug & Harness Included

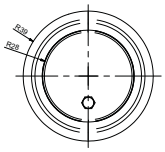


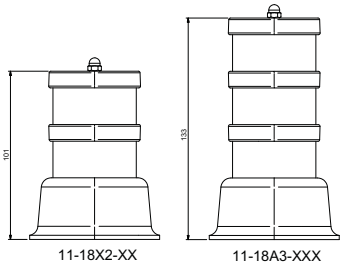
SUZO HAPP





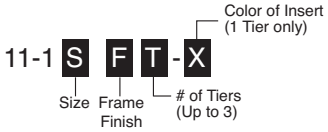






11-18A1-X 11-18X2-XX 11-18A3-XXX

Design Your Tower Light with the Matrix Below



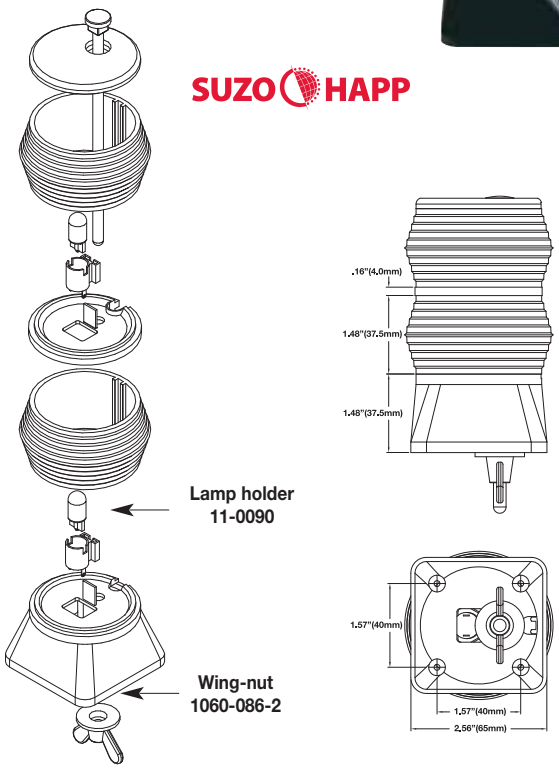
S= Size	F= Frame Finish	T= Tiers
7= Standard	4= Gold	1= One Tier
8= Mini	8= Chrome	2= Two Tiers
		3= Three Tiers

DIAMOND TOWER LIGHTS

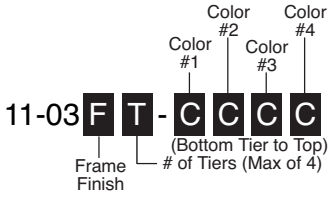
- Available in black, chrome or gold plated frames
- Stylish design
- Standard 0.39" (10mm) wedge base lamp holder for easy replacement
- Available with one, two, three or four lights
- Standard colors: red, orange, yellow, green, blue and white
- Lamps and harnesses not included; 6 different color combinations
- Optional 12V 10mm wedge base LED replacement (91-1068-00)



SUZO HAPP



Design Your Tower Light with the Matrix Below



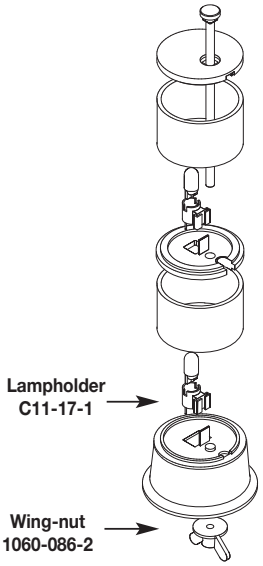
F= Frame Finish	T= Tiers	C= Color
0= Black	1= One Tier	2= Red
4= Gold	2= Two Tiers	3= Orange
8= Chrome	3= Three Tiers	4= Yellow
	4= Four Tiers	5= Green
		6= Blue
		9= White

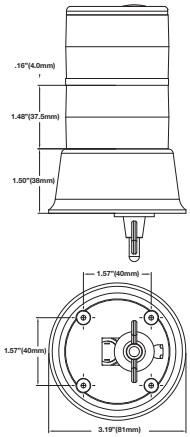
CANDLE TOWER LIGHTS

- Traditional design
- Available in black, chrome or gold frame finish
- Easy lamp replacement using a standard 0.39" (10mm) wedge base
- Tower lights are available in one, two or three lights and in 6 different colors
- Available colors: red, orange, yellow, green, blue and white
- Please specify color and combination
- Lamps and harnesses not included
- Optional 12V 10mm wedge base LED replacement (91-1068-00)



SUZO HAPP





Design Your Tower Light with the Matrix Below

11-04 F T - C C C

Color #1 | Color #2 | Color #3 (Bottom Tier to Top)

Frame Finish | # of Tiers (Max of 3)

C= Color
2= Red
3= Orange
4= Yellow
5= Green
6= Blue
9= White

F= Frame Finish
0= Black
4= Gold
8= Chrome

T= Tiers
1= One Tier
2= Two Tiers
3= Three Tiers

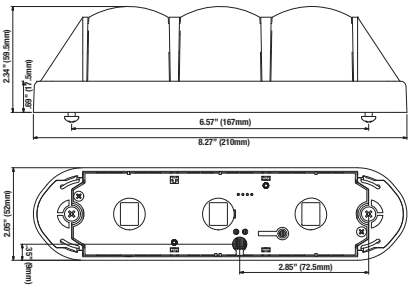
LIGHT TRAIN TOWER LIGHTS

This Horizontal Tower Light is a Very Unique Style for Your Machines

- Available with 1, 2 or 3 lights
- Frame and blanks in bright chrome or gold finish.
- Standard equipped with 12V 3W wedge base lamps. (SLI)
- Better light-spread due to the use of special heat resistant lamp domes
- Easy to mount; only two screws and additional hole
- Special adaptor available for round top machines (also customized)
- Optional 12V 10mm wedge base LED replacement (91-1068-00)



SUZO HAPP



Design Your Tower Light with the Matrix Below

11-20 F T - C C C

Center Color | Left Color | Right Color

Frame Finish | # of Tiers (Up to 3)

C= Color
2= Red
3= Orange
4= Yellow
5= Green
6= Blue
9= White
B= Blank

F= Frame Finish
4= Gold
8= Chrome

T= Tiers
1= One Tier (Classic Only)
2= Two Tiers
3= Three Tiers

ACRYLIC SIGN HOLDER

- Clear acrylic tubing fits over slot tower light to holds signs
- Slot tower light is easily visible through the clear acrylic
- Slotted at both ends to hold a wide variety of signs
- One slot is .25" wide x 2" long to hold flat slot toppers or foam core board
- One slot is 1/16" wide x 1" long for thinner signage such as paddles
- Size: 2.25" ID x 2.50" OD x 8" High
- Light Tower Not Included



Part Number	Description
27-1461-00	Acrylic Sign Holder

LIGHT TRAIN TOWER LIGHT ADAPTOR BRACKET

- Mounts Light Train to round top machines
- Available in black, chrome and gold finish
- Standard supplied in 260˚ radius
- Custom shapes available upon request



Part Number	Description
11-0200	Light Train Base Black 260˚ radius
11-0200-4	Light Train Base Gold 260˚ radius
11-0200-8	Light Train Base Chrome 260˚ radius

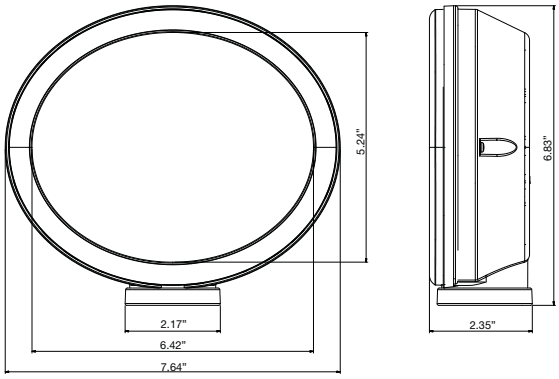
TOWER LIGHT TOPPER

New

- Designed to be mounted on top of any standard round classic tower light with the included special top mounting bracket
- Works on any standard round tower light that has a diameter between 1.98" (50.29mm) and 2.00" (50.29mm)
- Great for advertising special machine features such as Multi Denomination, Ticket-In Ticket-Out, Hot New Game, Server Based Gaming, etc.
- Translucent bezel with 20 ultra bright Nichia multi-color RGB LEDs provide light output for a elegant multi-colored lightshow
- Pre-Programmed with 8 unique flashing patterns and 7 different color combinations
- Backlit by 9 white high power Nichia LEDs
- Operates on 12vdc power
- Comes with dual sized hex thumb nut that has English (6/32" Thread) and Metric (M4 Thread) for easy installation
- Optional harness 11-2801-00 makes it easy to install on existing games by simply tapping into 12vdc and ground
- Artwork panel and tower light are not included
- Durable flame retardant UL94 V0 ABS plastic housing
- Small in size: 7.64" W x 6.83" H x 2.34" D



TOPPER DIMENSIONS



Part Number	Description
104-08000	Tower Light Topper
11-2801-00	Power Extension Harness Kit for Tower Light Topper
PR020-670-03	Tower Light Topper Base Cap for WMS Bluebird I Tower Light
95-2860-00	Topper Base Adapter for RGB Tower Light Topper

PRINTED PLEXI FOR TOWER LIGHT TOPPER

New



- Draw attention to your new game with these eye catching printed plexis
- A great way to draw attention to a bank of new machines or highlight the denomination
- Designed to fit the Tower Light Topper (Part Number 104-08000)
- Tower Light Topper (sold separately) mounts on top of any standard classic tower light (sold separately)

Part Number	Description
95-3656-00	Hot New Game Plexi for Tower Light Topper
95-3657-00	1 Cent Denomination Plexi for Tower Light Topper
95-3658-00	5 Cents Denomination Plexi for Tower Light Topper
95-3659-00	25 Cents Denomination Plexi for Tower Light Topper
95-3660-00	$1 Denomination Plexi for Tower Light Topper

CHROME-LUMINESCENT ILLUMINATED PUSHBUTTONS

New

The Chrome-Luminescent Series is the latest pushbutton from Suzo-Happ providing the following benefits:

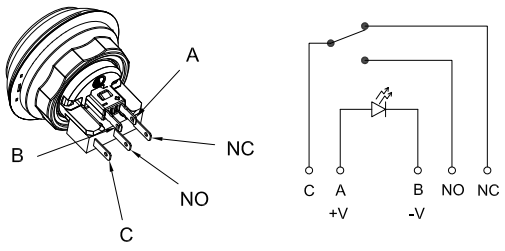
- Polished chrome plated button bezel with translucent color washer molded in bezel to provide edge luminescent effect
- Special locking nut has special flare design to allow it to fit over “Snap-Tab” feature with microswitch installed
- Ease & flexibility of mounting to metal control panels using either the “Snap-Tab” or Traditional locking nut. Nut sold separately (RBM-K730-001)
- For mounting via “Snap-Tab method a panel thicknesses of 18GA (.047"/1.19mm), 16GA (.059"/1.15mm), 14GA (.070"/1.78mm) Chrome plated only is required
- Switch pre-assembled on button for reduction assembly time into control panel
- Supports ITW Pancon Switch-Con Crimp connector 5-pole housing (CSF-MH-05-02)
- Easy to remove high quality Cherry DB5 switch
- Subminiature microswitch provides additional clearance room under control panel
- Fitted standard with 12v white Nichia LED on printed circuit board
- Grounded for ESD protection
- Polycarbonate lens for optical clarity and durability
- Available in several color combinations of button & luminescent effect
- Additional customization also available
- Switch snaps on bezel of button eliminating the need to have separate lamp holder
- Custom printing on legends available at nominal charge
- Button Removal Tool and Nut Wrench Tool available, sold separately (96-0840-10)
- Patent Pending Design



Nut over Snap-Tab Feature
(Nut Sold Separately Part No. RBM-K730-001)



ITW Pancon Switch-Con Connector

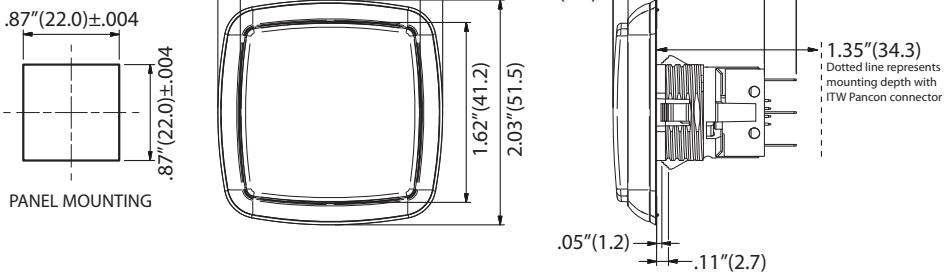


Pushbutton Schematic*

*Reverse Polarity LED Version also available
Just add an “R” at the end of the Part Number

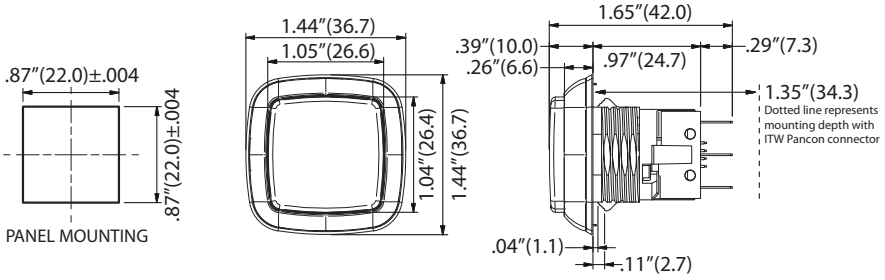
LARGE SQUARE





SMALL SQUARE



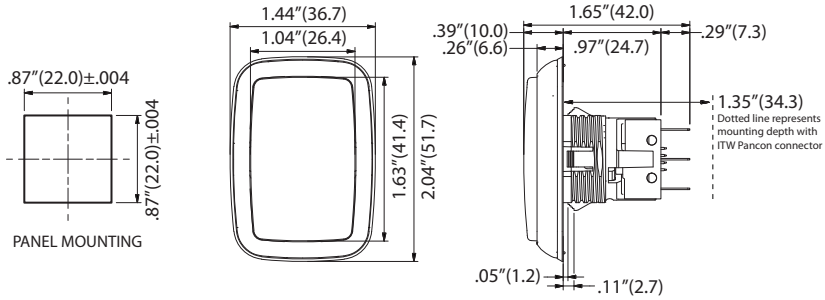


CHROME-LUMINESCENT ILLUMINATED PUSHBUTTONS

New

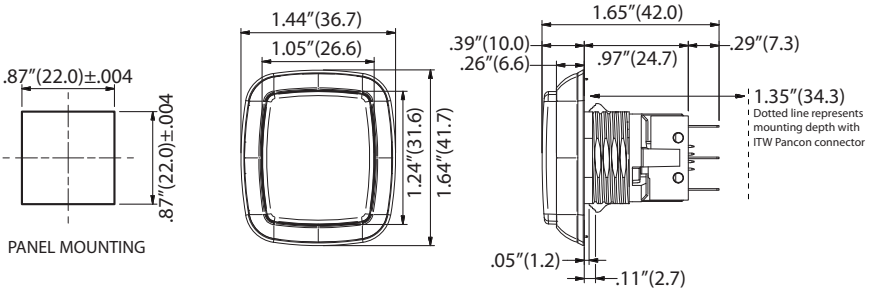
LARGE RECTANGLE





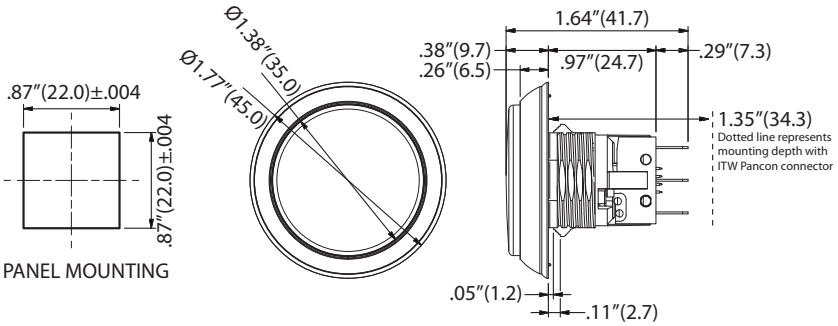
SMALL RECTANGLE





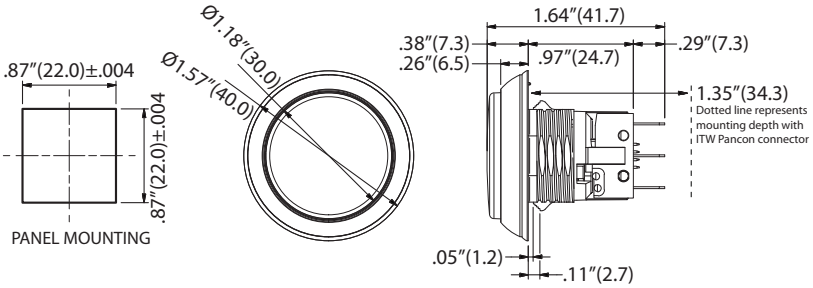
LARGE ROUND





SMALL ROUND





Design Your Chrome-Luminescent Pushbutton with the Matrix Below

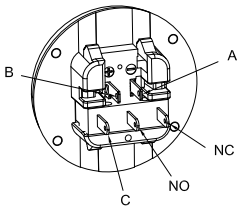
RBM-730S-**S** **C** **L**

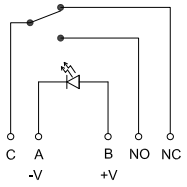
Size Color Luminescent Color, Bezel

S = Size	C = Lens Color	L = Luminescent Effect, Bezel
A = Large Square	2 = Red	2 = Red
B = Small Square	3 = Amber (Orange)	3 = Amber (Orange)
C = Large Rectangle	4 = Yellow	4 = Yellow
D = Small Rectangle	5 = Green	5 = Green
E = Large Round	6 = Blue	6 = Blue
F = Small Round	9 = White	9 = White
Nut Sold Separately, Part Number **RBM-K730-001**		

SNAP-TAB ILLUMINATED PUSHBUTTON WITH HALO

- Blue halo design in your choice of three sizes (Other colors available for OEM applications)
- Features 12V surface mounted white LEDs
- Easy installation, quickly snaps to panel
- Removal tool (sold separately) easily removes old and newer style snap-tab buttons

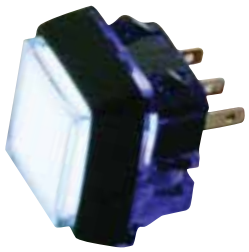


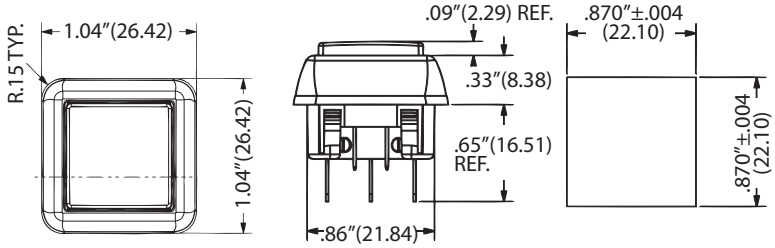


Snap Tap Pushbutton Schematic

SMALL SQUARE

Panel Mounting

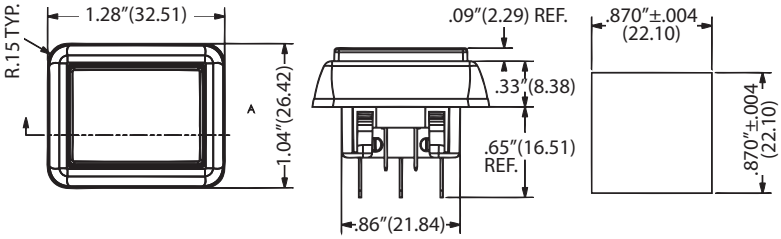




RECTANGLE

Panel Mounting

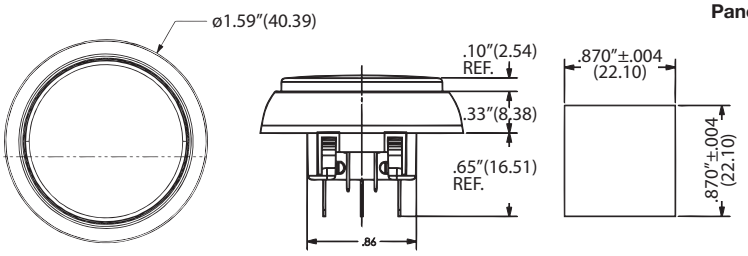




ROUND

Panel Mounting



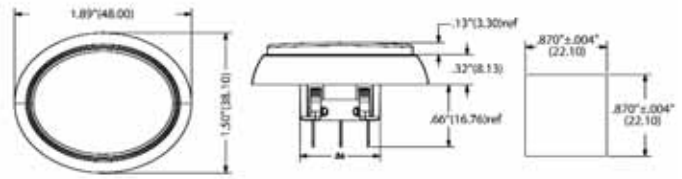


SNAP-TAB ILLUMINATED PUSHBUTTON WITHOUT HALO

New

- Features 12v surface mounted white LEDs
- Easy installation, quickly snaps to panel
- Removal tool (sold separately) easily removes old and newer style snap-tab buttons





Part Number	Description
57-1940-02	Snap-Tab Illuminated Pushbutton, Oval

Part Number	Description
57-1818-02	Snap-Tab Pushbutton, Small Square
57-1819-02	Snap-Tab Pushbutton, Rectangle
57-1820-02	Snap-Tab Pushbutton, Round

SNAP-TAB ILLUMINATED PUSHBUTTON REMOVAL TOOL



Part Number	Description
96-0840-00	Snap-Tab Pushbutton Removal Tool

SUZO-HAPP ILLUMINATED PUSHBUTTON FEATURES

Standard/Combo Buttons





See Pages 154-156

Low Profile Buttons





See Page 157

Poker VLT Buttons





See Page 158

All Suzo-Happ Illuminated Pushbuttons Pictured to the Left:

- Made with highest quality materials
- Exclusive “Posi-Lock” design assures secure fit
- Fits wood or metal control panels
- Polycarbonate lens cap for optical clarity
- Heat resistant plastic
- Microswitch reliability tested to 10,000,000 cycles

Available Options:

- Long life #658 14 V DC, lamp optional 15,000 hours
- #555 6 V DC, 28 V DC lamps and LEDs optional
- Chrome or brass plating available on bezel at nominal charge
- Can be used as lighted indicators with optional indicator washer (plunger will not depress)
- Custom printing on legends available at nominal charge
- For illuminated pushbutton accessories, see pages 163-164
  - – Button Plugs
  - – Illuminated pushbutton covers
  - – Illuminated pushbutton wrench
  - – LEDs for illuminated pushbuttons



Charges for Custom Legend Lettering Designs and Artwork

- Minimum of 100 pieces per legend

Part Number	Description
99-9999-35	$45.00 Artwork Fee for 1st Legend - Single Color
99-9999-03	$30.00 Artwork Fee for 2nd Legend - Single Color
99-9999-65	$65.00 Artwork Fee for Each Multi-color Legend

‘POSI-LOCK’ DESIGN FOR SUZO-HAPP BUTTONS

Lamp Assembly Installation

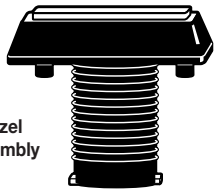
Suzo-Happ has developed the exclusive "Posi-Lok" design to assure a positive fit between the button bezel and the lampholder assembly.

Simply insert lampholder assembly into button bezel (step 1),

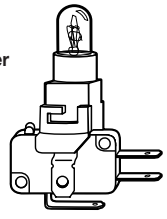
make sure that the notch on the lampholder assembly is aligned with the tab on the bezel assembly (step 2),

then twist or turn the lampholder assembly until it locks in place (step 3).

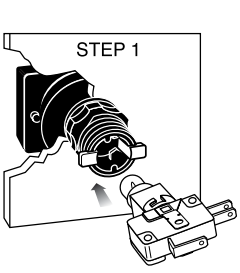
EXCLUSIVE

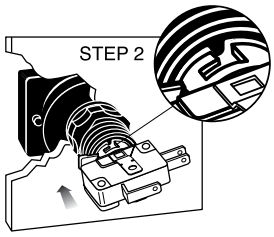


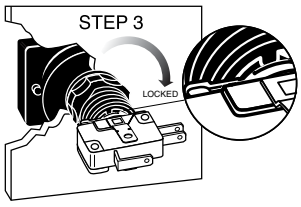
Bezel Assembly



Lampholder Assembly





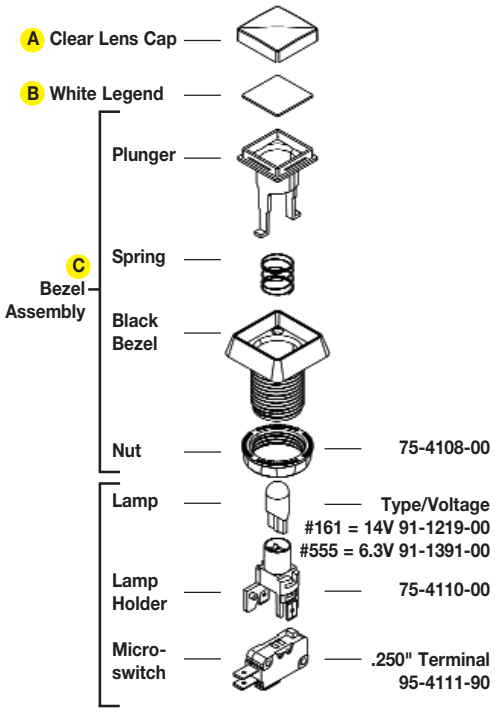


ILLUMINATED PUSHBUTTONS

Examples of Custom Artwork



IDENTIFICATION KEY



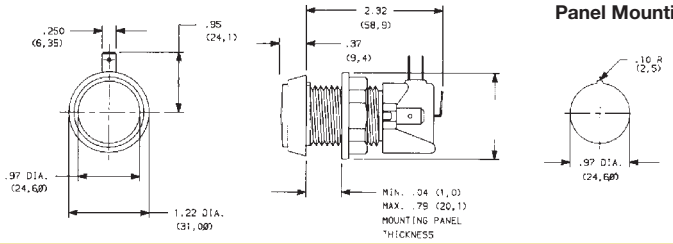
	A	B	C
Button Style	**Clear Lens Cap**	**White Legend**	**Bezel Assy w/o Nut**
Small Round	**75-4021-38**	**75-4022-31**	**75-0020-00**
Small Square	**75-4041-38**	**75-4042-31**	**75-0040-00**
Rectangle	**75-4051-38**	**75-4052-31**	**75-0050-00**
Elliptical	**75-6010-18**	**75-6020-11**	**75-6100-01**
Medium Round	**75-4061-68**	**75-4062-61**	**75-0060-00**
Large Round	**75-4011-38**	**75-4012-31**	**75-0010-00**
Large Square	**75-4031-38**	**75-4032-31**	**75-0030-00**
Jumbo Round	**95-4007-185**	**95-4006-11SL**	**95-4003-SL**

ILLUMINATED PUSHBUTTONS

SMALL ROUND



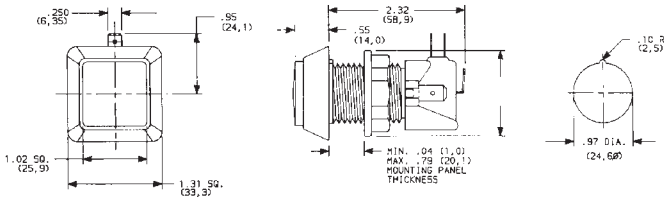
Panel Mounting



SMALL SQUARE



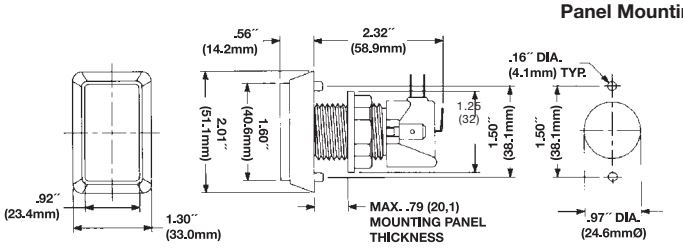
Panel Mounting



RECTANGLE



Panel Mounting



Legend & Lens Cap : X = Color	
0 = Red	3 = Green
1 = White*	5 = Yellow
2 = Blue	7 = Amber (Orange)

*** When ordering a white legend you will receive a clear cap**

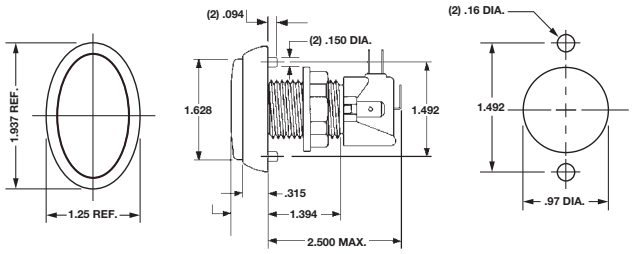
Part Number	Description
D54-0004-2X	Small Round, 14V #161 lamp, .250 micro.
D54-0004-4X	Small Square, 14V #161 lamp, .250 micro.
D54-0004-5X	Rectangular, 14V #161 lamp, .250 micro.

ILLUMINATED PUSHBUTTONS

ELLIPTICAL

Panel Mounting

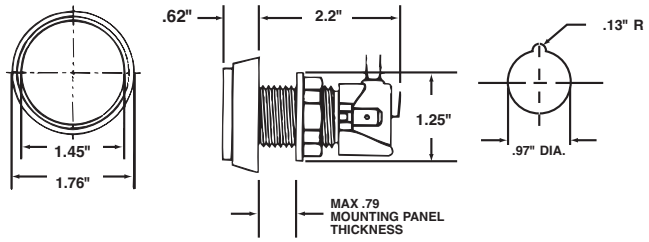




MEDIUM ROUND

Panel Mounting

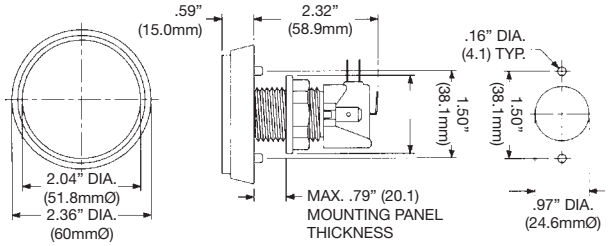




LARGE ROUND

Panel Mounting

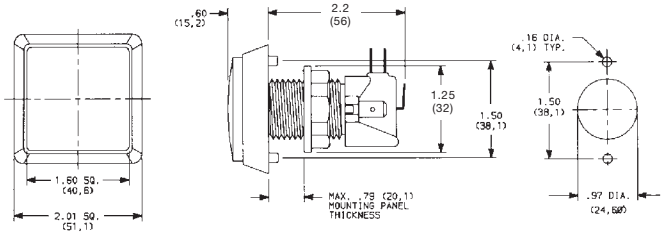




LARGE SQUARE

Panel Mounting

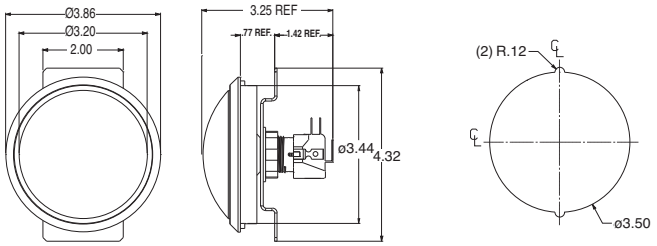




JUMBO ROUND

Panel Mounting





Part Number	Description
75-6004-8X	Elliptical, 14V #161 lamp, .250 micro.
D54-0004-6X	Medium Round, 14V #161 lamp, .250 micro.
D54-0004-1X	Large Round, 14V #161 lamp, .250 micro.
D54-0004-3X	Large Square, 14V #161 lamp, .250 micro.
95-4002-1XZL	Jumbo Round, 14V #161 Lamp, .250 micro. (Legends are white only)

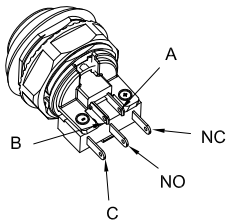
Legend & Lens Cap : X = Color	
0 = Red	3 = Green
1 = White*	5 = Yellow
2 = Blue	7 = Amber (Orange)

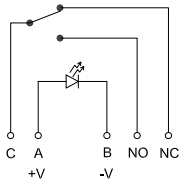
*** Jumbo Round Pushbuttons come standard with white legend and cap color denotes overall button color**

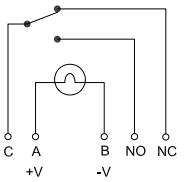
COMBO ILLUMINATED PUSHBUTTONS

- Standard illuminated pushbutton fitted with a subminiature switch with gold contacts and .110 terminals
- Subminiature microswitch provides additional clearance room under control panel
- Designed to resist spills and sticking
- High reliability and long life, tested to 10,000,000 cycles
- Fitted standard with #73, 14V wedge based lamp
- Fits wood or metal control panels
- Custom printing on legends available at nominal charge
  See page 153
- See page 164 for LED
- Posi-lock lampholder

Combo Pushbutton Schematic







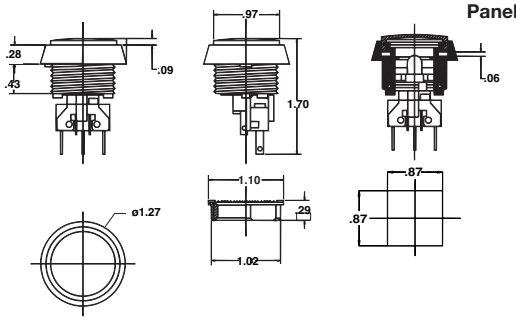
For the Incandescent lamp version, the polarity of the voltage can be reversed

Legend & Lens Cap : X = Color	
0 = Red	3 = Green
1 = White	5 = Yellow
2 = Blue	7 = Amber (Orange)

SMALL ROUND

Panel Mounting

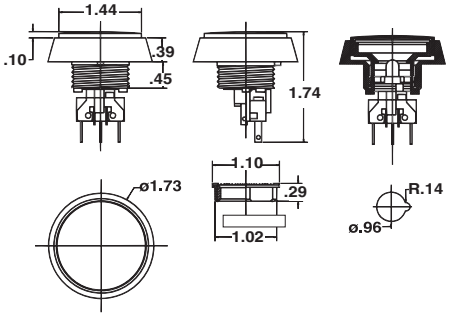




MEDIUM ROUND

Panel Mounting

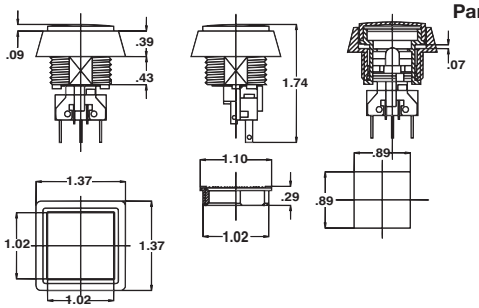




SMALL SQUARE

Panel Mounting

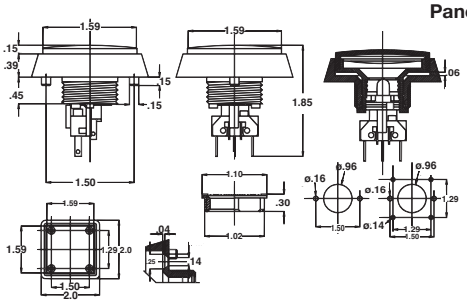




LARGE SQUARE

Panel Mounting

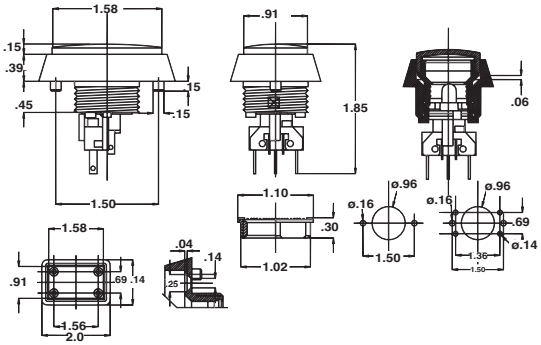




RECTANGLE

Panel Mounting



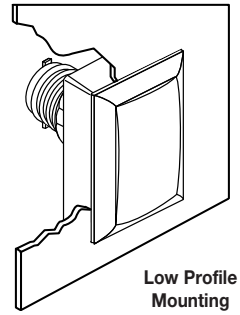


Part Number	Description
75V-0004-2X	Small Round Pushbutton
75V-0004-6X	Medium Round Pushbutton
75V-0004-4X	Small Square Pushbutton
75V-0004-3X	Large Square Pushbutton
75V-0004-5X	Rectangle Pushbutton

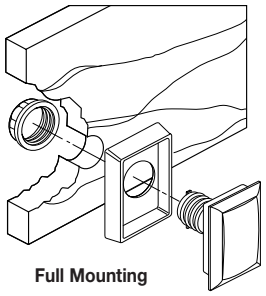
LOW PROFILE ILLUMINATED PUSHBUTTONS

- Unique design provides “flat” profile to enhance playability
- Fits wood or metal control panels
- Microswitch reliability tested to 10,000,000 cycles
- Fitted standard with #161, 14V bulb
- Posi-Lock design to assure a positive fit between the button bezel and lampholder (all sizes except medium round and triangle)
- Can be used as lighted indicators with optional indicator washer (plunger will not depress)
- Custom printing on legends available at nominal charge See page 153
- See page 164 for LED

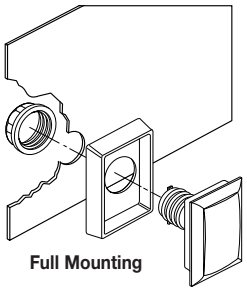
Low Profile Mounting Options



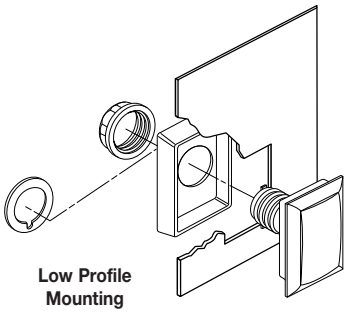
Low Profile Mounting



Full Mounting



Full Mounting



Low Profile Mounting

Washer required for small square, small round and medium round

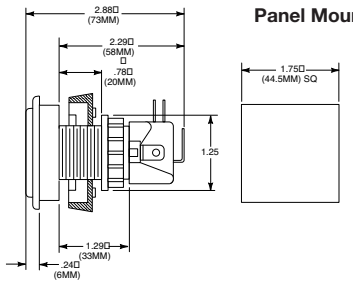
Legend & Lens Cap : X = Color	
0 = Red	3 = Green
1 = White	5 = Yellow
2 = Blue	7 = Amber (Orange)

Part Number	Description
77-0004-3X	Large Square Low Profile 14V #161 lamp, .250 micro.
77-0004-4X	Small Square Low Profile 14V #161 lamp, .250 micro.
77-0004-5X	Rectangular Low Profile 14V #161 lamp, .250 micro.
77-0004-2X	Small Round Low Profile 14V #161 lamp, .250 micro.
57-0004-6X	Medium Round Low Profile 14V #161 lamp, .250 micro.
71-0004-TX	Triangle Low Profile 14V #161 Lamp, .250 micro.

LARGE SQUARE

Panel Mounting

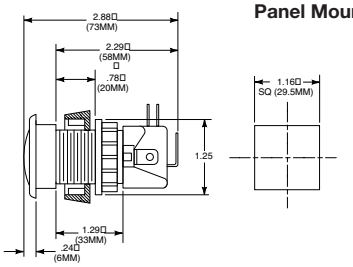




SMALL SQUARE

Panel Mounting

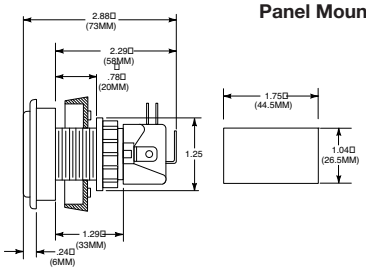




RECTANGLE

Panel Mounting

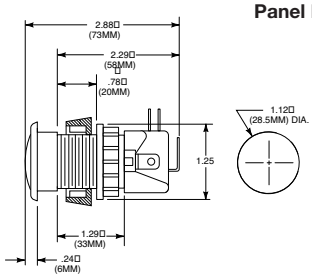




SMALL ROUND

Panel Mounting

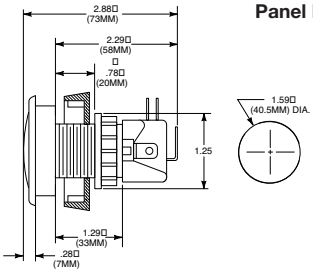




MEDIUM ROUND

Panel Mounting

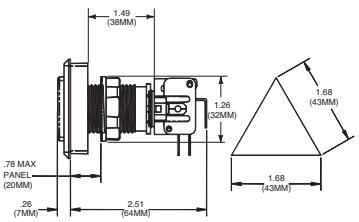




TRIANGLE

Panel Mounting





POKER/VLT ILLUMINATED PUSHBUTTONS

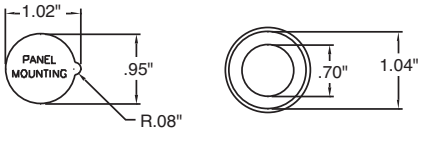
- Designed to retrofit all existing VLT (Video Lottery Terminals) and draw poker applications using .87"/22mm square mounting hole
- Designed to resist spills and sticking
- Designed for high reliability and long life, tested to 10 million+ cycles
- Small size, low profile, provides maximum player comfort
- Unique design, with separable lamp/switch holder, allows easy lamp changing while holding switch very securely
- Full .020"/.5mm Thickness on lamp terminals holds lamp connectors securely
- Contacts for lamp base are two-legged to assure reliable contact with lamp
- .062" grounding terminal is optional
- Gold contact subminiature .110 terminals microswitch fitted as standard
- 6.3V, T-13/4 wedge base lamp is standard
- 14V, #73 or 28V, #85 lamps optional
- White legend and clear lens cap fitted as standard
- Additional colors of legend and lens cap are available
- Custom legend lettering designs and artwork available at nominal charge. See page 85
- Translucent color bezel available (57-8000-XX) Red, Green, Yellow, Clear or Blue
- Posi-lock lampholder
- See Page 159 for Schematic

Legend & Lens Cap : X = Color	
0 = Red	3 = Green
1 = White	5 = Yellow
2 = Blue	7 = Amber (Orange)

SMALL ROUND

Panel Mounting

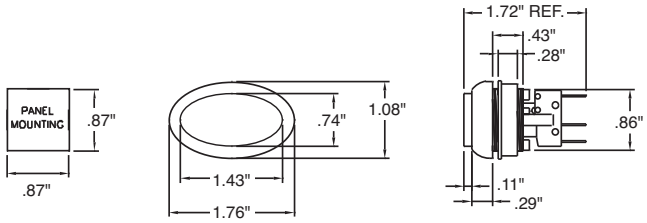




ELLIPTICAL

Panel Mounting

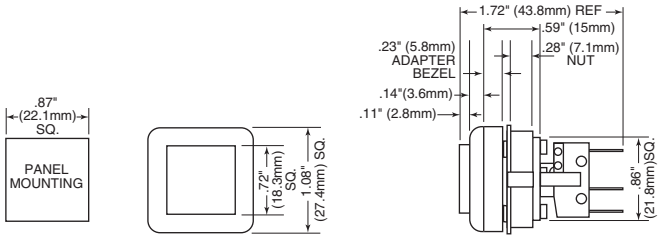




SMALL SQUARE

Panel Mounting

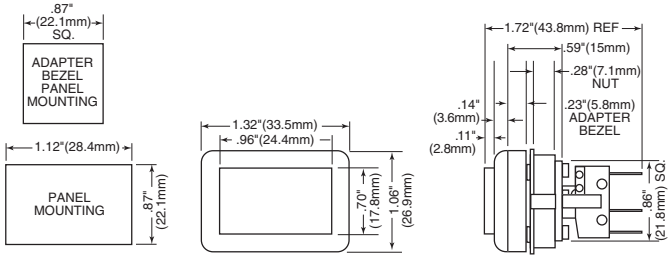




MEDIUM RECTANGLE

Panel Mounting

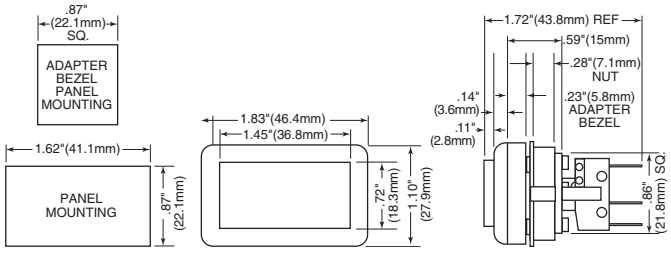




RECTANGLE

Panel Mounting

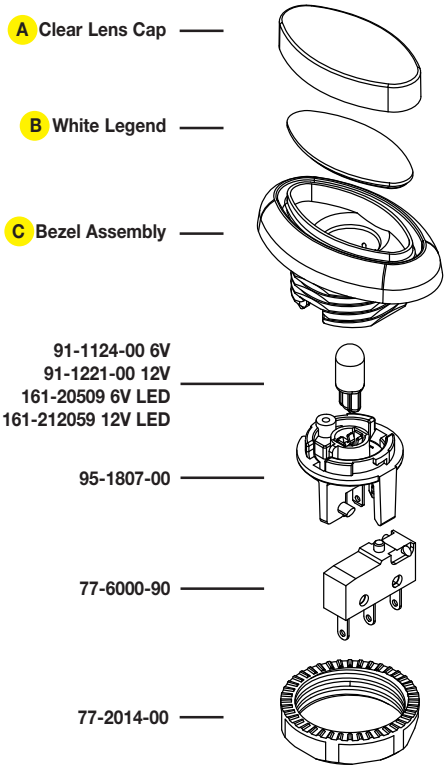




Part Number	Description
77-2000-3X	Small Round VLT Pushbutton
77-2000-8X	Elliptical VLT Pushbutton
77-2000-4X	Small Square VLT Pushbutton
77-2000-6X	Medium Rectangle VLT Pushbutton
77-2000-5X	Rectangular VLT Pushbutton

For Our Complete Selection of LEDs for Pushbuttons See Page 164

POKER/VLT PUSHBUTTONS REPLACEMENT PARTS





	A	B	C
Button Style	**Clear Lens Cap**	**White Legend**	**Bezel Assy w/o Nut**
Small Round	**77-3310-08**	**77-3300-01**	**77-4700-00**
Elliptical	**77-3810-08**	**77-3800-01**	**77-4100-00**
Small Square	**77-3410-08**	**77-3400-01**	**77-4400-00**
Medium Rectangle	**77-3610-08**	**77-3600-01**	**77-4600-00**
Rectangle	**77-3510-08**	**77-3500-01**	**77-4500-00**

Note: Lampholder Assembly includes #86 lamp and black Cherry switch 95-1807-00

BUTTON GUARDS FOR ILLUMINATED PUSHBUTTONS

New



75-0000-2180431 (Sold Separately) Shown with Raised Profile Adapter Installed

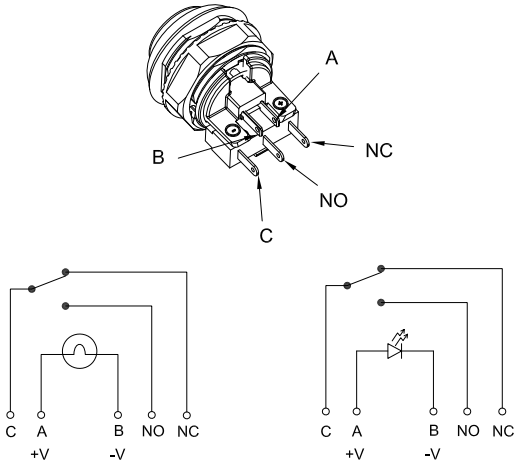


95-2815-00

- Unique adapter easily installs over both small circle standard illuminated pushbutton and small circle low-profile illuminated pushbutton
- When installed it prevents anyone from leaning against button and accidently depressing button
- Made from durable black ABS plastic
- Size: 1.7" Wide x .75" High

Part Number	Description
95-2815-00	Raised Profile Adapter for Small Circle Illuminated Pushbutton

Poker/VLT Pushbutton Schematic



For the incandescent lamp version, the polarity of the voltage can be reversed

BUDGET POSI-LOK ILLUMINATED BUTTONS

EXCLUSIVE

- New Posi-Lok design assures positive fit
- Available in rectangle size only
- Each button ships with printed legend plate installed in button assembly
- .250" terminal microswitch and #161 14vdc T-3-1/4 incandescent lamp assembled into lampholder assembly as standard
- Optional Cherry .250" terminal microswitch available
- Various button sets available, pkg as a set for your convenience



Part Number	Description	Qty per kit	Color
54L-KIT1-100P	**BUDGET BUTTON SET #1**		
54L-0004-517P7Z	"DOUBLE UP"	1	Amber
54L-0004-510P8Z	"TAKE SCORE"	1	Red
54L-0004-510P9Z	"BET"	1	Red
54L-0004-515P3Z	"SMALL"	1	Yellow
54L-0004-513P5Z	"BIG"	1	Green
54L-0004-512P1Z	"START"	1	Blue
54L-KIT2-100P	**BUDGET BUTTON SET #2**		
54L-0004-517P7Z	"DOUBLE UP"	1	Amber
54L-0004-510P8Z	"TAKE SCORE"	1	Red
54L-0004-510P10Z	"PLAY/CREDIT"	1	Red
54L-0004-515P3Z	"SMALL"	1	Yellow
54L-0004-513P5Z	"BIG"	1	Green
54L-0004-512P1Z	"START"	1	Blue
54L-KIT3-100Z	**BUDGET BUTTON SET #3**		
54L-0004-511P7Z	"DOUBLE UP"	1	White
54L-0004-511P8Z	"TAKE SCORE"	1	White
54L-0004-511P10Z	"PLAY/CREDIT"	1	White
54L-0004-511P3Z	"SMALL"	1	White
54L-0004-511P5Z	"BIG"	1	White
54L-0004-511P1Z	"START"	1	White
54L-KIT4-100Z	**BUDGET BUTTON SET #4**		
54L-0004-510P17Z	"PRESS FOR TICKET"	1	Red
54L-0004-513P4Z	"TAKE"	1	Green
54L-0004-510P2Z	"DOUBLE"	1	Red
54L-0004-515P3Z	"SMALL"	1	Yellow
54L-0004-510P10Z	"PLAY/CREDIT"	1	Red
54L-0004-515P18Z	"BIG/STOP"	1	Yellow
54L-KIT5-100Z	**BUDGET BUTTON SET #5**		
54L-0004-518P12Z	"DEAL"	1	White
54L-0004-510P13Z	"STAND"	1	Red
54L-0004-515P14Z	"CANCEL"	1	Yellow
54L-0004-518P15Z	"DISCARD"	5	White
54L-0004-513P16Z	"DRAW"	1	Green
54L-0004-515P10Z	"PLAY/CREDIT"	1	Yellow
54L-KIT6-100Z	**BUDGET BUTTON SET #6**		
54L-0004-515P14Z	"CANCEL"	1	Yellow
54L-0004-510P13Z	"STAND"	1	Red
54L-0004-513P12Z	"DEAL"	1	Green
54L-0004-510P10Z	"PLAY/CREDIT"	1	Red
54L-0004-518P15Z	"DISCARD"	3	White
54L-0004-518P19Z	"HI/LOW DISCARD/RECALL"	2	White
54L-KIT7-100Z	**BUDGET BUTTON SET #7**		
54L-0004-518P20Z	"DEAL/DRAW"	1	White
54L-0004-518P6Z	"PLAY"	1	White
54L-0004-518P14Z	"CANCEL"	1	White
54L-0004-518P4Z	"TAKE"	1	White
54L-0004-518P2Z	"DOUBLE"	1	White
54L-0004-511P5Z	"BIG"	1	White
54L-0004-511P3Z	"SMALL"	1	White
54L-0004-518P15Z	"DISCARD"	5	White

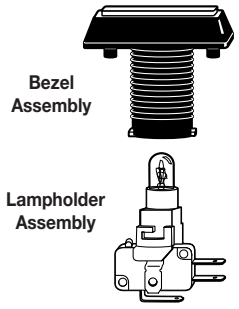
Lamp Assembly Installation

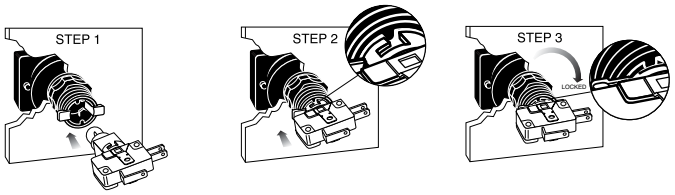
Suzo-Happ has developed the exclusive "Posi-Lok" design to assure a positive fit between the button bezel and the lampholder assembly.

Simply insert lampholder assembly into button bezel (step 1),

make sure that the notch on the lampholder assembly is aligned with the tab on the bezel assembly (step 2),

then twist or turn the lampholder assembly until it locks in place (step 3).





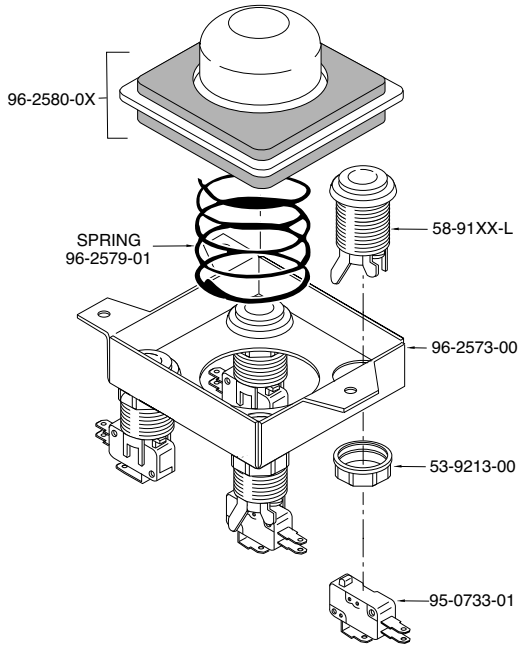
Part Number	Description	Color
54L-0004-510P9Z	"BET"	Red
54L-0004-513P5Z	"BIG"	Green
54L-0004-511P5Z	"BIG"	White
54L-0004-515P18Z	"BIG/STOP"	Yellow
54L-0004-515P14Z	"CANCEL"	Yellow
54L-0004-518P14Z	"CANCEL"	White
54L-0004-512P12Z	"DEAL"	Blue
54L-0004-513P12Z	"DEAL"	Green
54L-0004-518P12Z	"DEAL"	White
54L-0004-518P20Z	"DEAL/DRAW"	White
54L-0004-518P15Z	"DISCARD"	White
54L-0004-510P2Z	"DOUBLE"	Red
54L-0004-518P2Z	"DOUBLE"	White
54L-0004-513P28Z	"DOUBLE/STOP 1"	Green
54L-0004-517P7Z	"DOUBLE-UP"	Amber
54L-0004-511P7Z	"DOUBLE-UP"	White
54L-0004-513P16Z	"DRAW"	Green
54L-0004-518P22Z	"EXTRA CARDS/DISCARD/RECALL"	White
54L-0004-518P19Z	"HI/LOW DISCARD/RECALL"	White
54L-0004-518P6Z	"PLAY"	White
54L-0004-512P24Z	"PLAY/CHANGE CARD"	Blue
54L-0004-510P10Z	"PLAY/CREDIT"	Red
54L-0004-513P10Z	"PLAY/CREDIT"	Green
54L-0004-515P10Z	"PLAY/CREDIT"	Yellow
54L-0004-510P17Z	"PRESS FOR TICKET"	Red
54L-0004-511P11Z	"PRINT TICKET"	White
54L-0004-515P3Z	"SMALL"	Yellow
54L-0004-511P3Z	"SMALL"	White
54L-0004-510P13Z	"STAND"	Red
54L-0004-512P1Z	"START"	Blue
54L-0004-511P1Z	"START"	White
54L-0004-513P4Z	"TAKE"	Green
54L-0004-518P4Z	"TAKE"	White
54L-0004-510P23Z	"TAKE HALF/STAND"	Red
54L-0004-510P8Z	"TAKE SCORE"	Red
54L-0004-511P8Z	"TAKE SCORE"	White
54L-0004-517P21Z	"TICKET"	Amber
54L-0004-518P21Z	"TICKET"	White

MEGA BUTTON ASSEMBLY

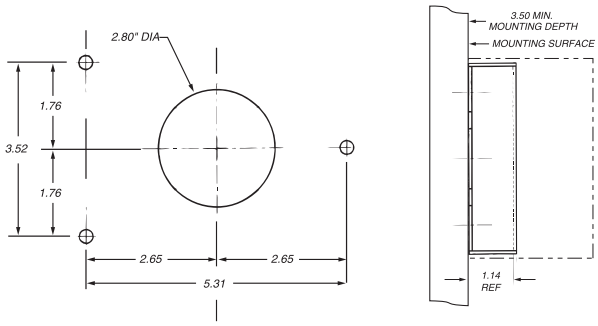
- Translucent polycarbonate pushbutton
- Plastic covered spring
- 14 gauge steel base
- Additional colors can be produced upon request
- Various colors available
- Custom artwork/printing inside button available



DIMENSIONS



PANEL MOUNTING



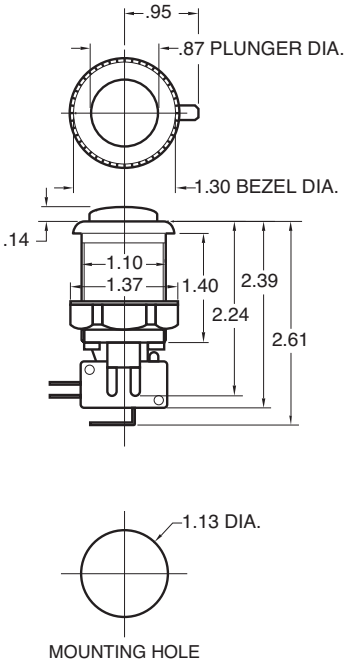
COLOR CODE : X = Color	
0 = Red	4 = Purple
1 = White	5 = Yellow
2 = Blue	7 = Amber (Orange)
3 = Green	

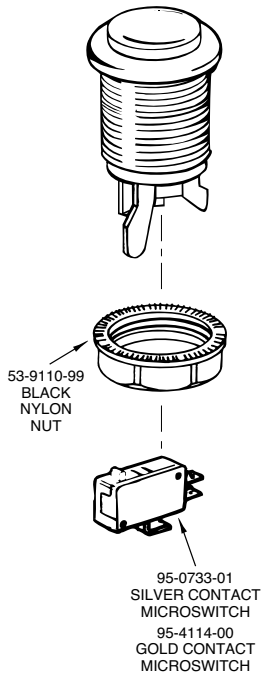
Part Number	Description
53-870X-00	Mega Button

COMPETITION PUSHBUTTON

- Unique, convex design for increased speed and accuracy
- New longer design – easier to use with 3/4“ wood control panels with Lexan
- Mounts into wood or metal control panels, 1-1/8" hole
- Microswitch reliability – tested to 10,000,000 cycles.
- .187” Terminal Microswitch
- Gold contact microswitch available
- Durable Nylon Plastic







COLOR CODE : XX = Color	
10 = Red	14 = Purple
11 = White	15 = Yellow
12 = Blue	16 = Black
13 = Green	



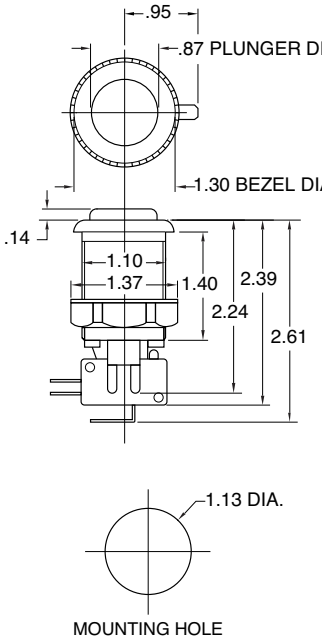
54-1006-00
Protective Cover

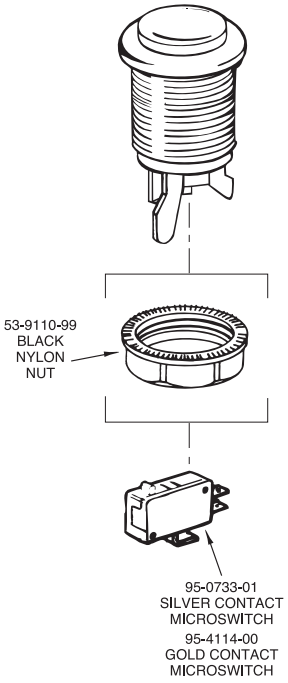
Part Number	Description
58-96XX-L	Competition Pushbutton
54-1006-00	Protective Cover for Competition Pushbutton

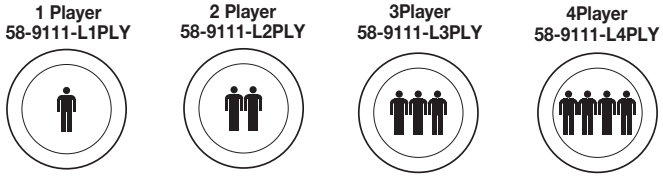
PUSHBUTTON WITH HORIZONTAL MICROSWITCH

- Fits wood or metal control panels
- New longer design: Easier to use within 3/4" wood control panels with Lexan
- Microswitch reliability tested to 10,000,000 cycle
- .187" Terminal Microswitch
- GOLD contact microswitch available
- Durable NYLON material
- Pushbutton mounts in 1-1/8" hole
- Concave plunger design
- Protective cover also available









LHS COLOR CODE : XX = Color	
00 = Red	44 = Purple
11 = White	55 = Yellow
22 = Blue	66 = Black
33 = Green	77 = Amber (Orange)

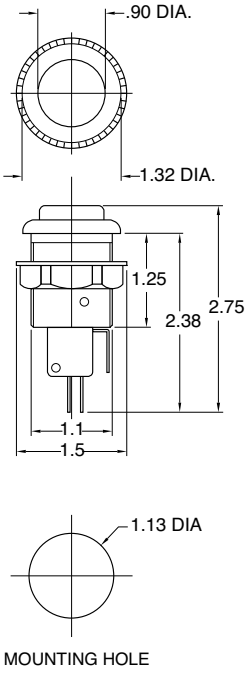
PLAYER SELECTION : X = PLAYERS	
1 = 1 PLAYER	3 = 3 PLAYER
2 = 2 PLAYER	4 = 4 PLAYER

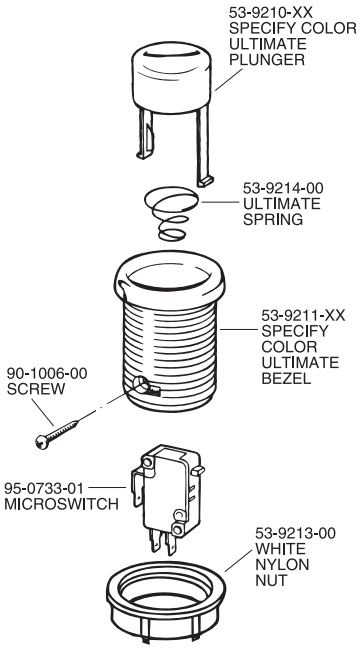
Part Number	Description
58-91XX-LSH	Pushbutton with Horizontal Microswitch
58-9111-LXPLY	1 – 4 Player Pushbutton with Horizontal Microswitch, White
54-1006-00	Protective Cover for Horizontal Pushbutton

ULTIMATE PUSHBUTTON WITH MICROSWITCH

- Fits all thickness of control panels from .060 (1/16") metal to .750 (3/4") wood
- 100% NYLON construction
- Microswitch reliability tested to 10,000,000 cycle
- .187" Terminal Microswitch
- GOLD contact microswitch available
- Sideways switch actuation – fast and responsive
- Microswitch is held firmly in place via exclusive one screw design
- Pushbutton mounts in 1-1/8" hole
- Protective cover also available







COLOR CODE : XX = Color	
10 = Red	15 = Yellow
11 = White	16 = Black
12 = Blue	18 = Purple
13 = Green	



54-1006-00
Protective Cover

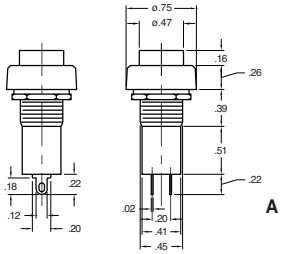
Part Number	Description
53-9200-XX	Ultimate Pushbutton & Switch
54-1006-00	Protective Cover for Ultimate Pushbutton

MINIATURE MOMENTARY CONTACT PUSHBUTTONS

- Small size to allow use in numerous applications
- Momentary contact



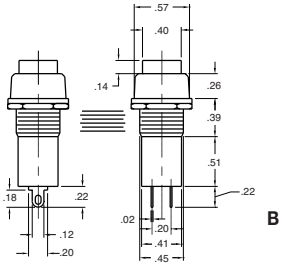
A



A



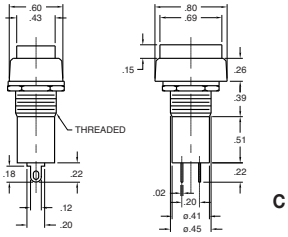
B



B



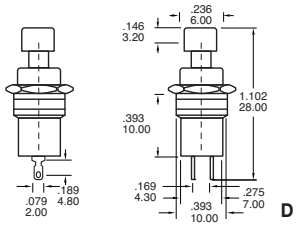
C



C



D



D

Part Number	Type	Description
49-0577-00	A	Miniature Round Pushbutton, Black Bezel, Red Center
49-0577-01	A	Miniature Round Pushbutton, Black and White Bezel
49-0577-05	A	Miniature Round Pushbutton, Black Bezel, Yellow Center
49-0578-00	B	Miniature Square Pushbutton, Black Bezel, Red Center
49-0578-11	B	Miniature Square Pushbutton, Black Bezel, White Center
49-3037-00	C	Miniature Rectangle Pushbutton, Black Bezel, Red Center
95-0011-00	D	Mini-Round Pushbutton, Red

ILLUMINATED PUSHBUTTON COVERS

- Protects against spills and scratches
- Duraflex Polyurethane Film



Part Number	Description
54-1001-00	Pushbutton Covers (Small Round)
54-1004-00	Pushbutton Covers (Small Square)
54-1005-00	Pushbutton Covers (Rectangle)
54-1003-00	Pushbutton Covers (Large Round)
54-1000-00	Pushbutton Covers (Large Square)
54-1002-00	Pushbutton Covers (Medium Round)

VLT BUTTON COVERS

- Protects against spills and scratches
- Durable Duraflex Polyurethane Film



Part Number	Description
54-1011-00	Pushbutton Cover for Rectangle VLT with adapter bezel above panel
54-1011-01	Pushbutton Cover for Rectangle VLT with adapter bezel below panel
54-1012-00	Pushbutton Cover for Square VLT with adapter bezel above panel
54-1012-01	Pushbutton Cover for Small Square VLT without adapter bezel below panel
54-1013-00	Pushbutton Cover for Medium Rectangle VLT with adapter bezel above panel

IDENTIFICATION TAGS

- For use on all control panels
- Clear polycarbonate plastic



Part Number	Description
95-4009-00	Blank I.D. Tag

BUTTON PLUGS FOR VLT PUSHBUTTONS

- For use in metal control panels
- Fills in unused button holes
- Two sizes to choose from
- Comes with nut
- Fits in .87" hole



52-6210-00



52-6209-00

Part Number	Description
52-6209-00	Button Plug, Medium Rectangle for VLT with nut
52-6210-00	Button Plug, Rectangle VLT with nut

BUTTON PLUGS

- For use on both wood and metal control panels
- Fills in unused button holes
- Comes with nut
- Button plug fits a 1-1/8" (1.125) hole, for horizontal and Ultimate pushbuttons
- IPB plug fits a 31/32" (.97) hole, for illuminated pushbuttons

Button Plug with Nut





Button Plug for illuminated pushbutton

Part Number	Description
52-6212-00	Button Plug with Nut (1.13" dia.)
52-6214-00	Button Plug f/Illuminated Pushbutton w/nut 31/32" (.97" dia.)

ILLUMINATED PUSHBUTTON WRENCH



- Dual purpose: one end suitable for illuminated pushbuttons, other end is for pushbuttons with microswitch (Ultimate Pushbutton and with Horizontal Microswitch Pushbuttons)

Part Number	Description
53-8002-00	Pushbutton Wrench

POKER/VLT PUSHBUTTON WRENCH



- Dual purpose: one end suitable for Poker/VLT pushbuttons, other end suitable for illuminated pushbuttons

Part Number	Description
53-8003-00	Poker/VLT Pushbutton Wrench

T 1-3/4 AND T 3-1/4 WEDGE BASE LED



Cluster



Single



- Save time and money by replacing your lamps with LEDs
- LEDs are maintenance free, lasting an average of 100,000 hours
- LEDs can reduce power consumption up to 80%
- Great for use on illuminated pushbuttons including poker / VLT pushbuttons
- Replace standard T 1-3/4 and T 3-1/4 wedge base lamps
- T 1-3/4 will also fit T 1-1/2 bases
- Designed to be drop-in replacements
- Direct replacements for 73, 86, 161, 194, 259 bulbs
- LEDs are equipped with a resistor

T 1-3/4 Base				
Part Number	**Color**	**LED Type**	**Volts**	**Lamp**
91-10WB-53W	White	Cluster (3)	6 vdc	#259
91-10WB-53B	Blue	Cluster (3)	6 vdc	#259
91-10WB-123W	White	Cluster (3)	12 vdc	#161, #194
91-10WB-123Y	Yellow	Cluster (3)	12 vdc	#161, #194
91-10WB-123R	Red	Cluster (3)	12 vdc	#161, #194.
91-10WB-123G	Green	Cluster (3)	12 vdc	#161, #194
91-10WB-123B	Blue	Cluster (3)	12 vdc	#161, #194

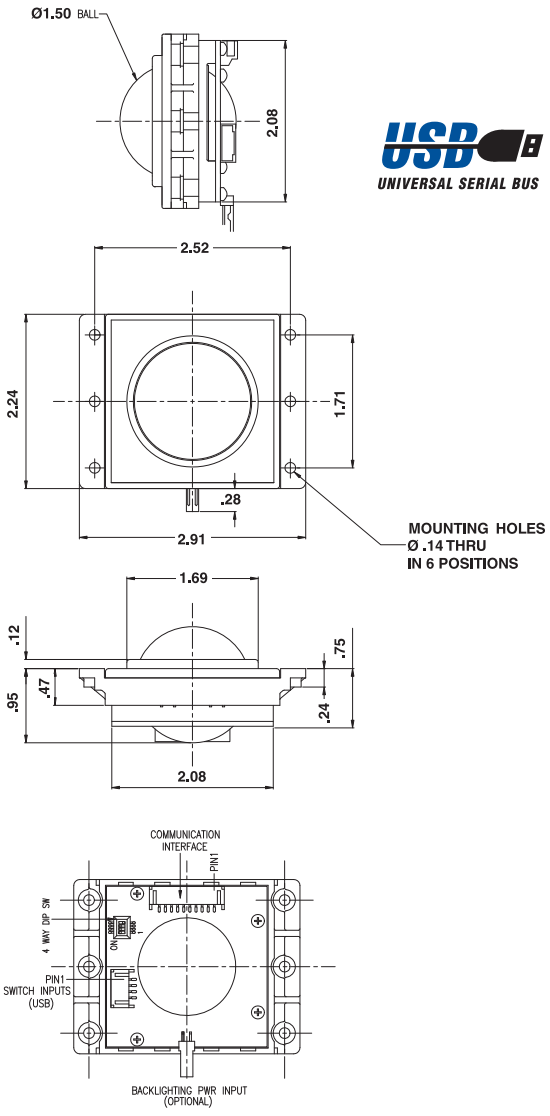
T 1-3/4 Base				
Part Number	**Color**	**LED Type**	**Volts**	**Lamp**
91-5WB-61W2	White	Single (1)	6 vdc	#86
91-5WB-61Y2	Yellow	Single (1)	6 vdc	#86
91-5WB-61R2	Red	Single (1)	6 vdc	#86
91-5WB-61G2	Green	Single (1)	6 vdc	#86
91-5WB-61B2	Blue	Single (1)	6 vdc	#86
91-5WB-121W2	White	Single (1)	12 vdc	#73
91-5WB-121Y2	Yellow	Single (1)	12 vdc	#73
91-5WB-121R2	Red	Single (1)	12 vdc	#73
91-5WB-121G2	Green	Single (1)	12 vdc	#73
91-5WB-121B2	Blue	Single (1)	12 vdc	#73

1-1/2" DIAMETER TRACKBALL



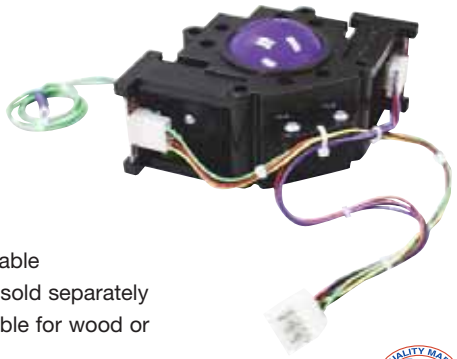
- Provides a big ball feel in a small package
- Combination of precision stainless steel components, high-grade injection molded plastics and superior optical encoders to create a high quality compact trackball
- Trackball orientation settings can be changed with the flip of a dipswitch
- Button & USB harness sold separately
- Optional translucent backlit ball option
- Optional mounting kit available (55-0306-00) see page 171

MOUNTING DIMENSIONS



Part Number	Description
56-0200-16USB	1-1/2" Trackball, Black, USB Interface
55-0274-00	USB Cable for 1-1/2" Trackball, 6' long
55-0276-00	2 Button Harness for 1-1/2" Trackball, 12.5" long

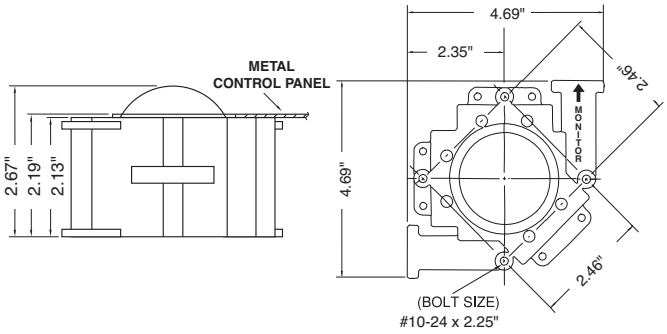
2-1/4" DIAMETER TRACKBALL

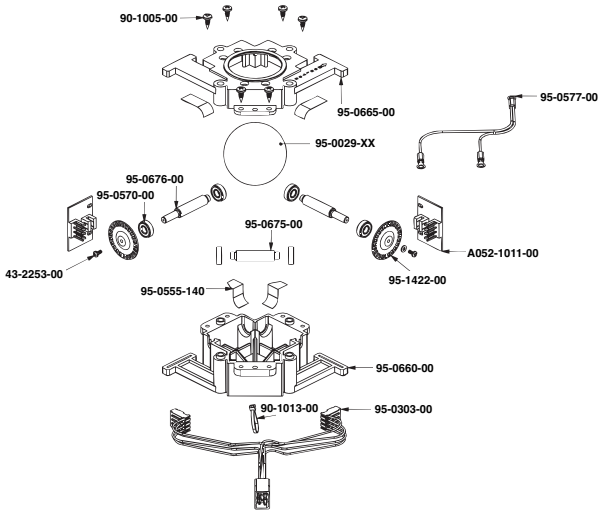


- Made in USA
- Durable black polycarbonate plastic material
- 2-1/4" diameter ball (standard color white)
- Standard AMOA harness included
- Custom colors available
- Mounting hardware sold separately
- Mounting kits available for wood or metal see page 171
- Can be used as a heavy duty alternative to a mouse for interactive displays when used in conjunction with Trackball Interface Kit
- Translucent, illuminated ball optional

SUZO HAPP

MOUNTING DIMENSIONS





COLOR CODE : XX = Color	
10 = Red Solid	12T = Blue Translucent
10T = Red Translucent	13 = Green Solid
11 = White Solid	16 = Black Solid
12 = Blue Solid	

Looking for Trackball Interface Kits? See Page 172

Part Number	Description
56-5500-XX	2-1/4" Diameter Trackball with Harness

2-1/4" TRACKBALL WITH USB & PS/2 INTERFACE

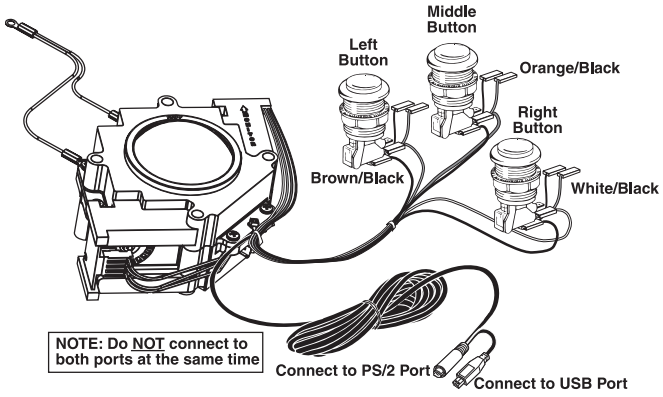
Features

The Suzo-Happ 2-1/4" Trackball & USB and PS/2 interface allows personal computers to easily interface with the standard "Arcade Quality" trackball and pushbuttons from Suzo-Happ via either the USB port or PS/2 connecter without the use of any external power supply. This allows the user to replace the existing mouse with a Suzo-Happ heavy-duty trackball for public access and similar applications. The USB & PS/2 trackball can be added with or without removing the original mouse. The device will be automatically configured as soon as it is physically plugged into the USB port or hub, without the need to reboot or run Setup.



- Trackball has durable black polycarbonate plastic material
- 2-1/4" diameter ball (standard color white)
- Exceptional performance and precision is achieved from harden steel shafts
- Custom colors available
- No interface needed to connect the Suzo-Happ trackball to a PC
- Connects directly to either a PS/2 (mouse) port or a USB port on a PC
- Compatible with Windows 98™ SE and forward, and Apple Macintosh OS 8.5 or higher, Linux with USB HID support
- No external power supply needed
- Automatically detects whether it is connected to a PS/2 or a USB port and configures itself accordingly
- Comes with a 6-foot cable that plugs into a USB or a PS/2 port
- Supports up to three buttons. (Three-button functionality will require the use of a driver that supports three buttons. The standard MS driver supports only two, and the MAC OS supports only one).
- A wire harness is included which will connect to the Suzo-Happ Horizontal, Ultimate, Competition or Illuminated pushbuttons
- Includes both .187" and 250" terminal connectors for pushbuttons
- Pushbuttons and mounting plate kits are sold separately
- Made in USA
- The trackball is manufactured under a technology license agreement with **Atari Games Corporation**

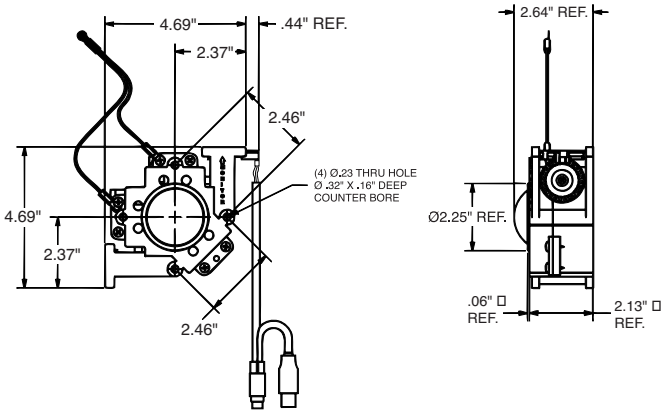
BUTTON WIRE COLOR CODE	
Left Button	Brown & Black Wire
Middle Button	Orange & Black Wire
Right Button	White & Black Wire



Benefits of USB

- Hot Swapping Capability
- Multiple Peripheral, with the use of USB hubs, allows up to 127 different peripherals to be used at one time
- Moves Data at a High Speed
- Distributes electrical power to many peripherals. USB lets the PC automatically sense the power that's required and deliver it to the device. This feature eliminates the need for auxiliary power supplies
- Share Peripherals between PC Platforms
- Higher bandwidth
- Simplicity of use
- Built-in operating system support for devices

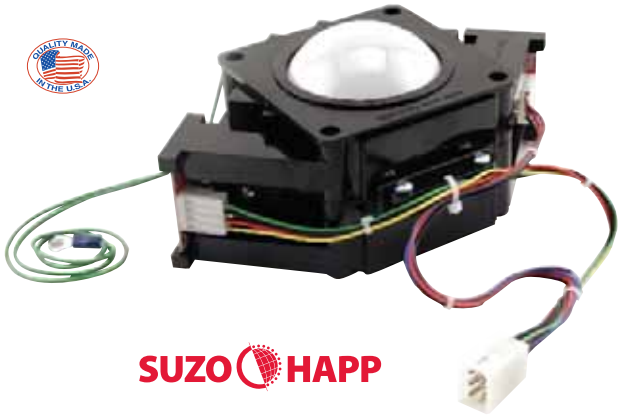
MOUNTING DIMENSIONS



Part Number	Description
56-5600-10	2-1/4" Trackball with USB and PS/2 Interface, Red Solid
56-5600-11	2-1/4" Trackball with USB and PS/2 Interface, White Solid
56-5600-12	2-1/4" Trackball with USB and PS/2 Interface, Blue Solid
56-5600-16	2-1/4" Trackball with USB and PS/2 Interface, Black Solid
55-0203-00	2-1/4" Trackball Mounting Plate Kit, Painted Black River

3" DIAMETER WHITE HIGH LIP TRACKBALL FOR USE IN GOLDEN TEE® LIVE, GOLDEN TEE® FORE AND GLOBAL VR PGA TOUR GOLF

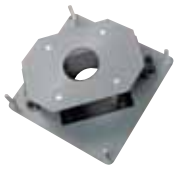
- Case design with high lip around trackball for use on updated control panel design on Golden Tee® Fore 2003 - 2005 games, and Golden Tee Live forward games
- Includes a spacer bracket to allow this trackball to be used in Golden Tee® Live and Golden Tee® Fore and forward
- Highly specialized components provide the ultimate performance trackball for use with Golden Tee® Fore and PGA Tour machines
- Exceptional performance and precision is achieved from hardened steel shafts
- Optimized for all types of shots and skill levels of the most critical players
- Consistent manufacturing process provides a trackball with performance you can depend on
- Tested and preferred by elite “Gold Division” Golden Tee® Fore players
- Durability to last and maintain superior performance
- Case is constructed of durable impact resistant polycarbonate plastic material that resists cracking due to impact
- Powerful optics work even under dirty and dusty conditions
- “Red Board” PCB has improved circuitry to guarantee an optimized performance signal both at low and high rpm speeds
- Optic board utilizes surface mount technology and superior optics for increased reliability
- Standard AMOA harness included
- Note: If you have an earlier version of PGA Tour with a PS/2 configuration replace with part number 56-0400-11
- Includes information label: “Suzo-Happ Trackball Installed”
- Proudly Made in USA



SUZO HAPP
TRACKBALL INSTALLED
TESTED AND PREFERRED BY THE ELITE PLAYERS

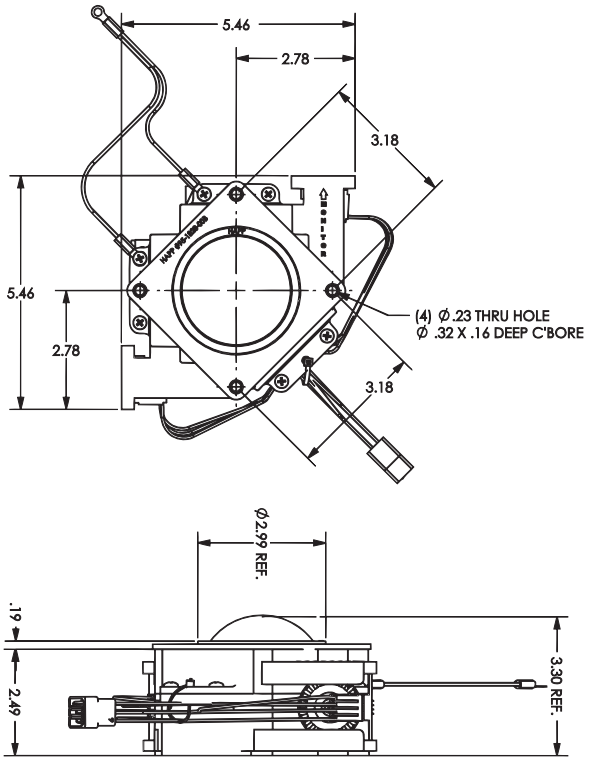
INFORMATION LABEL

REPLACEMENT 3" GOLDEN TEE & PGA TOUR KIT MOUNTING PLATE



55-0321-00

3" TRACKBALL MOUNTING DIMENSIONS

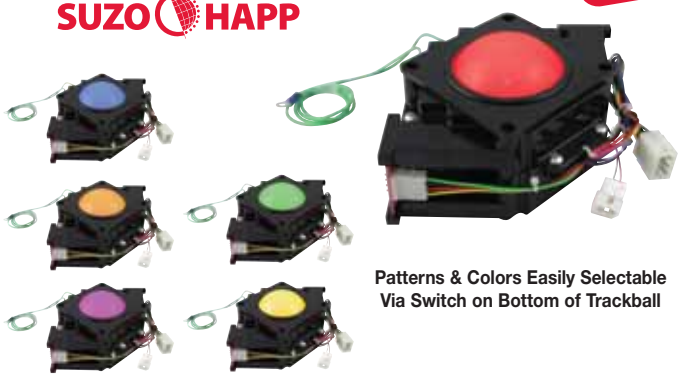


Part Number	Description
56-0100-11HL	3" Diameter White High Lip Trackball with Harness

3" DIAMETER RGB LED TRACKBALL

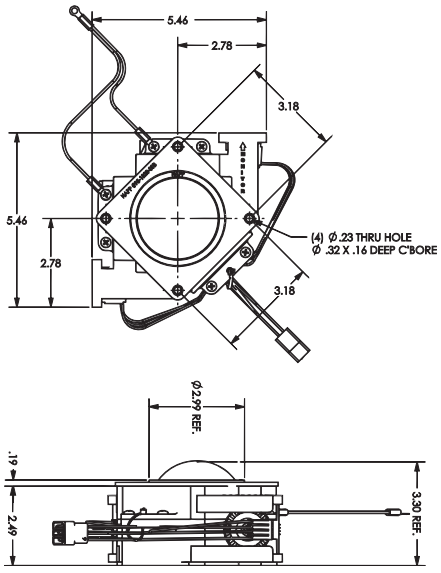
New

SUZO HAPP



Patterns & Colors Easily Selectable Via Switch on Bottom of Trackball

DIMENSIONS



Add a dramatic effect and attract more attention to any game!

- 3" diameter diffused ball to provide uniform LED illumination
- 4 Ultra bright multi-color RGB LED's Pre-Programmed with 4 unique patterns and 8 different color combinations

  Patterns - Solid, Chase Pattern 1, Chase Pattern 2, Color Fade & Then Color Change

  Colors - Red, Green, Blue, Yellow, Orange, Purple, Light Blue, Light Purple
- Patterns & Colors easily selectable via switch on bottom of trackball
- Durable black polycarbonate plastic material
- Exceptional performance and precision is achieved from harden steel shafts
- Standard AMOA harness included
- Mounting kits (sold separately) for wood or metal available
- 12vdc RGB LED (external power required)
- Optional 12vdc stand alone power supply 80-0414-10 or Optional harness 11-2801-00 makes it easy to install on existing games by simply tapping into 12vdc and ground
- Patent Pending Design

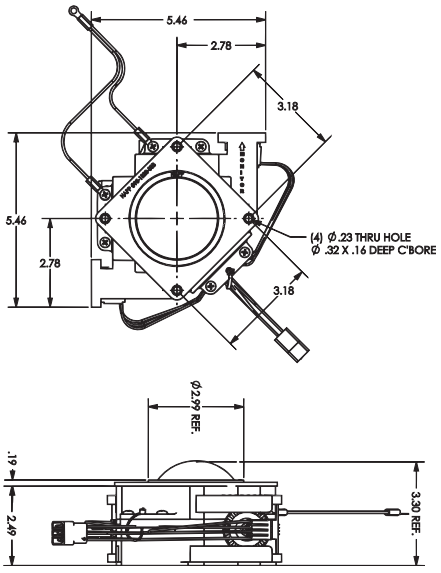
Part Number	Description
RBM-700-B	3" Diameter RBG LED Trackball with Harness

3" DIAMETER TRACKBALL



SUZO HAPP

DIMENSIONS

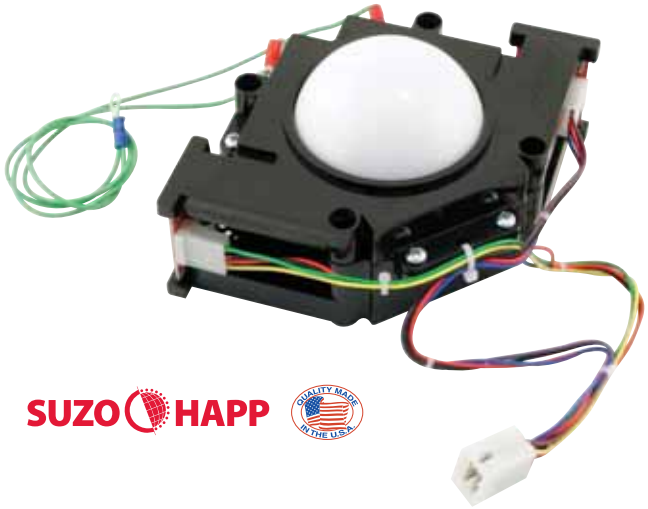


- Made in USA
- Durable black polycarbonate plastic material
- Custom colors available
- Standard AMOA harness included
- Mounting hardware sold separately
- Mounting kits available for wood or metal
  See page 171
- Can be used as a heavy duty alternative to a mouse for interactive displays when used in conjunction with trackball interface kit

Part Number	Description
56-0100-10	3" Diameter Trackball with Harness, Red Solid
56-0100-11HL	3" Diameter Trackball with Harness, White Solid
56-0100-12	3" Diameter Trackball with Harness, Blue Solid
56-0100-16	3" Diameter Trackball with Harness, Black Solid
56-0100-13	3" Diameter Trackball with Harness, Green Solid

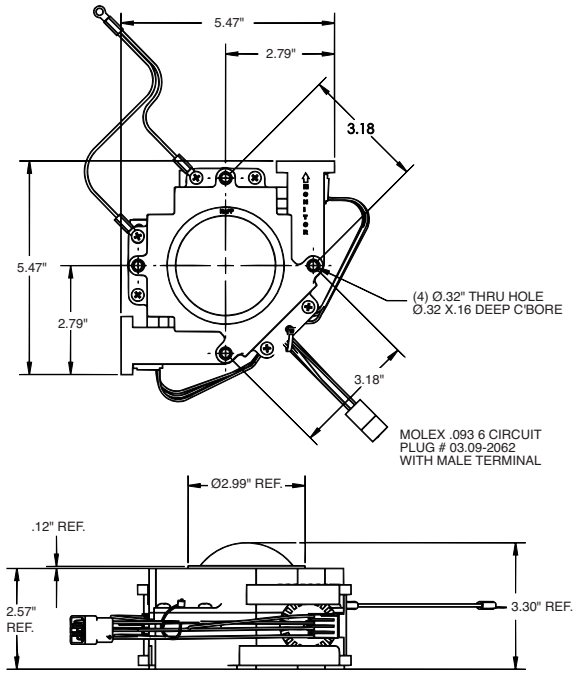
3" DIAMETER HIGH BALL TRACKBALL

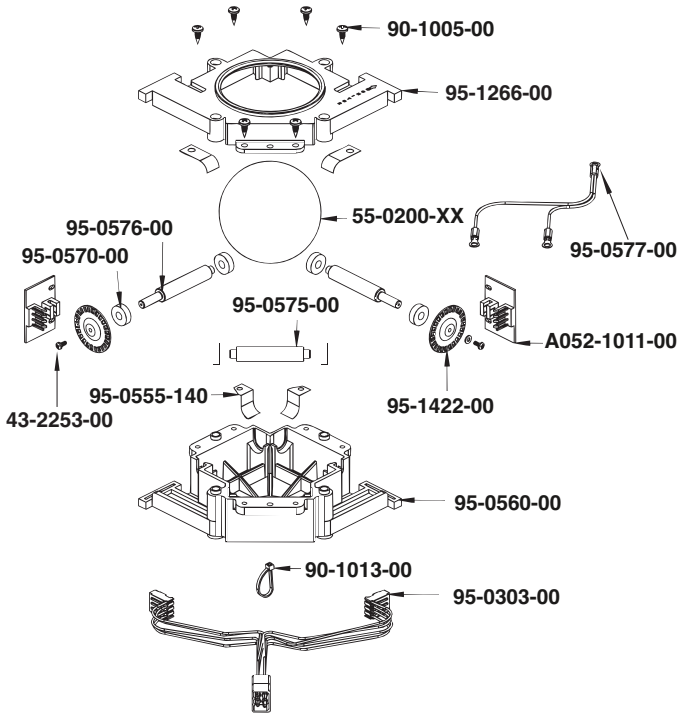
- Made in USA
- New case design allows ball to sit higher within control panel
- More hand contact and better play with high ball
- Durable black polycarbonate plastic material
- 3" diameter ball
- Custom colors available
- Standard AMOA harness included
- Mounting hardware sold separately
- Mounting kits available for wood or metal
  See page 171
- Can be used as a heavy duty alternative to a mouse for interactive displays when used in conjunction with trackball interface kit



SUZO HAPP

MOUNTING DIMENSIONS





Looking for
Trackball Interface Kits?
See Page 172

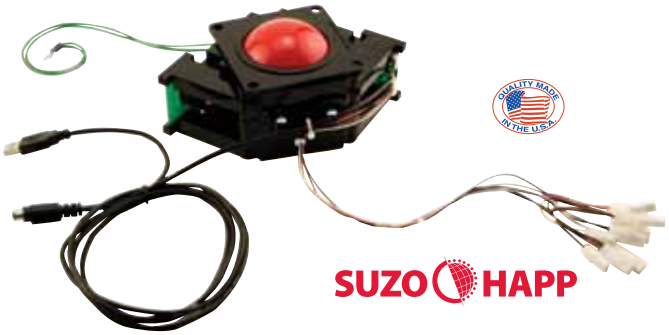
COLOR CODE : XX = Color	
10 = Red Solid	13 = Green Solid
11 = White Solid	16 = Black Solid
12 = Blue Solid	

Part Number	Description
56-0110-XX	3" Diameter High Ball Trackball with Harness

3" TRACKBALL WITH USB & PS/2 INTERFACE

Features

The Suzo-Happ 3" Trackball & USB and PS/2 interface allows personal computers to easily interface with the standard “Arcade Quality” trackball and pushbuttons from Suzo-Happ via either the USB port or PS/2 connecter without the use of any external power supply. This allows the user to replace the existing mouse with a Suzo-Happ heavy-duty trackball for public access and similar applications. The USB & PS/2 trackball can be added with or without removing the original mouse. The device will be automatically configured as soon as it is physically plugged into the USB port or hub, without the need to reboot or run Setup.



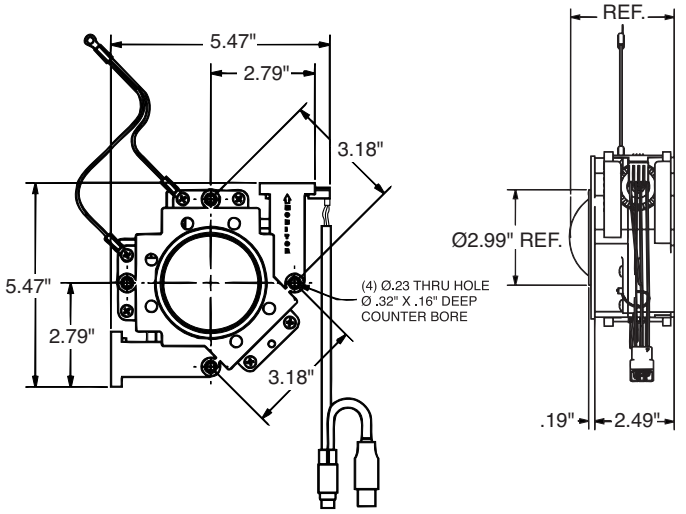
USB UNIVERSAL SERIAL BUS

BUTTON WIRE COLOR CODE	
Left Button	Brown & Black Wire
Middle Button	Orange & Black Wire
Right Button	White & Black Wire

Standard Version

- Trackball has durable black polycarbonate plastic material
- 3" diameter ball (standard color white)
- Exceptional performance and precision is achieved from harden steel shafts
- Custom colors available
- No interface needed to connect the Suzo-Happ trackball to a PC
- Connects directly to either a PS/2(mouse) port or a USB port on a PC
- Compatible with Windows 98™ SE and forward, and Apple Macintosh OS 8.5 or higher, Linux with USB HID support
- No external power supply needed
- Automatically detects whether it is connected to a PS/2 or a USB port and configures itself accordingly
- Comes with a 6-foot cable that plugs into a USB or a PS/2 port
- Supports up to three buttons. (Three-button functionality will require the use of a driver that supports three buttons. The standard MS driver supports only two, and the MAC OS supports only one).
- A wire harness is included which will connect to the Suzo-Happ Horizontal, Ultimate, Competition or Illuminated pushbuttons
- Includes both .187" and .250" terminal connectors for pushbuttons
- Pushbuttons and mounting plate kits are sold separately
- Made in USA

MOUNTING DIMENSIONS



RGB LED Version

Add a dramatic effect and attract more attention to any game!

- 3" diameter diffused ball to provide uniform LED illumination
- 4 Ultra bright multi-color RGB LED’s Pre-Programmed with 4 unique patterns and 8 different color combinations

  Patterns - Solid, Chase Pattern 1, Chase Pattern 2, Color Fade & Then Color Change

  Colors - Red, Green, Blue, Yellow, Orange, Purple, Light Blue, Light Purple
- Patterns & Colors easily selectable via switch on bottom of trackball
- Durable black polycarbonate plastic material
- Exceptional performance and precision is achieved from harden steel shafts
- Mounting kits (sold separately) for wood or metal available
- 12vdc RGB LED (external power required)
- Optional 12vdc stand alone power supply 80-0414-10 or Optional harness 11-2801-00 makes it easy to install on existing games by simply tapping into 12vdc and ground
- Patent Pending Design

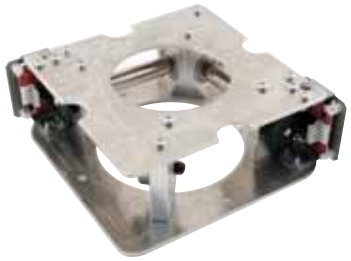


3" RGB LED TRACKBALL WITH USB & PS/2 INTERFACE

Part Number	Description
56-0300-10	3" Trackball with USB and PS/2 Interface Red Solid
56-0300-11	3" Trackball with USB and PS/2 Interface White Solid
56-0300-12	3" Trackball with USB and PS/2 Interface Blue Solid
56-0300-16	3" Trackball with USB and PS/2 Interface Black Solid
56-7000-24	3" RBG Illuminated Trackball with USB and PS/2 Interface
55-1101-00	3" Trackball Mounting Plate Kit, Painted Black River
55-1102-00	3" Trackball Mounting Plate Kit, Painted Clear Zinc Finish

4-1/2" TRACKBALL SUBASSEMBLY

- Made in USA
- Exceptional performance and precision
- Durable steel construction
- Allows a new dimension of play with this large trackball
- Custom color balls available
- Mounting hardware sold separately
- Ball sold separately
- USB-PS/2 version 55-0314-00

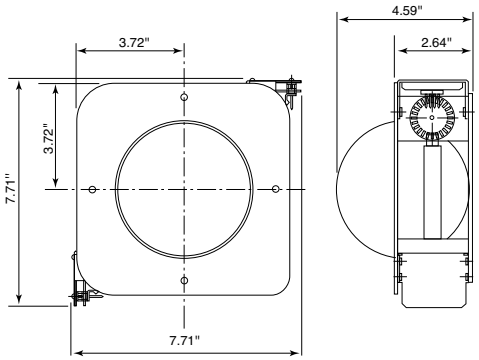


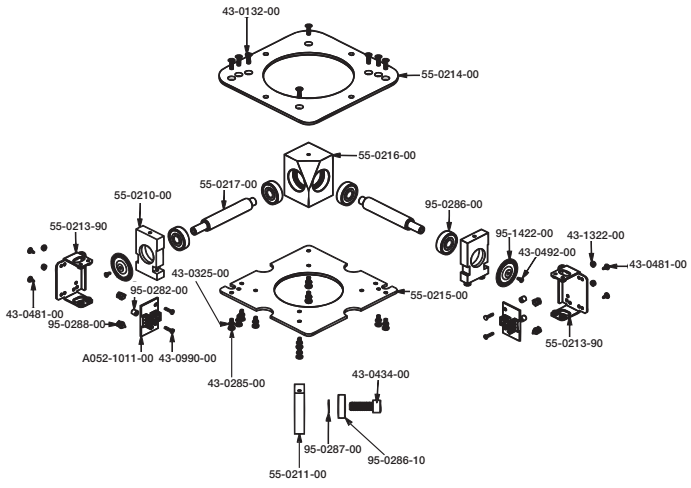
SUZO HAPP

USB B UNIVERSAL SERIAL BUS

QUALITY MADE IN THE U.S.A.

4-1/2" TRACKBALL MOUNTING DIMENSIONS

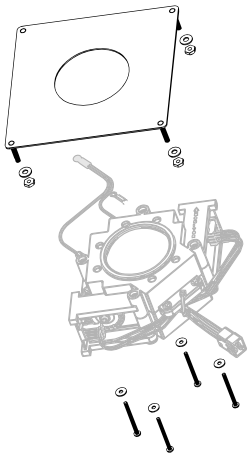




Part Number	Description
55-0226-00	4-1/2" Trackball, without Ball
55-0314-00	4-1/2" Trackball, USB/PS/2, without Ball
55-0300-00	4-1/2" Trackball Ball, Red Translucent
55-0300-022	4-1/2" Trackball Ball, Blue Translucent
55-0300-05	4-1/2" Trackball Ball, Yellow Translucent

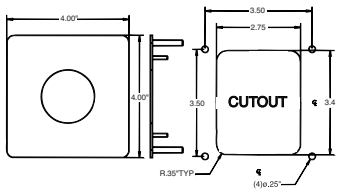
TRACKBALL MOUNTING KITS

- Metal mounting plate to adapt trackball to wood or metal control panels
- Available for 1-1/2", 2-1/4", 3" and 3" High Ball trackballs
- Durable Black River powder coated finish or Clear zinc finish available
- Innovative method of securing trackball to plate to allow for no external hardware along top surface of mounting plate
- Includes all necessary washers and nuts to assemble
- Trackball sold separately

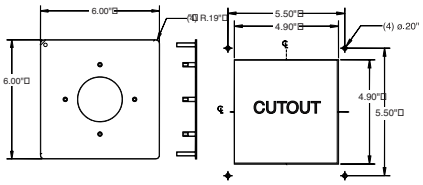


MOUNTING DIMENSIONS

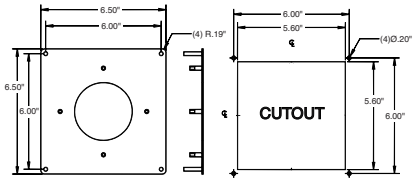
1-1/2" MOUNTING PLATE



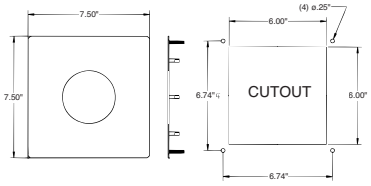
2-1/4" MOUNTING PLATE



3" MOUNTING PLATE



3" HIGHBALL MOUNTING PLATE





1-1/2" KIT



2-1/4", 3", & 3" HIGHBALL KIT



3" GOLDEN TEE & PGA TOUR KIT

Part Number	Trackball Size	Finish
55-0306-00	1-1/2"	Black
55-0203-00	2-1/4"	Black
55-0202-00	2-1/4"	Clear Zinc
55-1101-00	3"	Black
55-1102-00	3"	Clear Zinc
55-0321-00	3"	Golden Tee PGA Tour Version
55-1103-00	3" High ball	Black
55-1104-00	3" High ball	Clear Zinc

REPLACEMENT BALLS FOR SUZO-HAPP TRACKBALLS

- Select 2-1/4", 3" or 4-1/2" balls
- Various colors available
- Original high quality balls in our OEM Trackballs



2-1/4" Replacement Balls	
Part Number	**Description**
95-0029-10	2-1/4" Replacement Ball – Red
95-0029-11	2-1/4" Replacement Ball – White
95-0029-12	2-1/4" Replacement Ball – Blue
95-0029-12T	2-1/4" Replacement Ball – Translucent Blue
95-0029-16	2-1/4" Replacement Ball – Black
95-0029-19	2-1/4" Replacement Ball – Translucent Red
95-0029-389U	2-1/4" Replacement Ball – Green

3" Replacement Balls	
Part Number	**Description**
55-0200-10	3" Replacement Ball – Red
55-0200-11	3" Replacement Ball – White
55-0200-12	3" Replacement Ball – Blue
55-0200-13	3" Replacement Ball – Green
55-0200-15	3" Replacement Ball – Yellow
55-0200-16	3" Replacement Ball – Black
55-0200-17	3" Replacement Ball – Cocoa/Cream
55-0200-212	3" Replacement Ball – Blue/White Marble
55-0200-24	3" Replacement Ball – Translucent White

4-1/2" Replacement Balls	
Part Number	**Description**
55-0300-00	4-1/2" Replacement Ball – Translucent Red
55-0300-01	4-1/2" Replacement Ball – Translucent White
55-0300-022	4-1/2" Replacement Ball – Translucent Light Blue
55-0300-03	4-1/2" Replacement Ball – Translucent Green
55-0300-05	4-1/2" Replacement Ball – Translucent Yellow
55-0300-10	4-1/2" Replacement Ball – Red
55-0300-16	4-1/2" Replacement Ball – Black

3" TRACKBALL SUPPORT PLATE

- Thick 13 gauge metal plate to offer additional support for 3" Trackball for those rough locations
- Easy to install, simply place on bottom of trackball and tighten existing fasteners
- Works on all 3" Trackballs
- 3.75" x 3.75"



Part Number	Description
95-1828-10	3" Trackball Support Plate

USB-PS/2 TRACKBALL INTERFACE KIT FOR 2-1/4", 3" OR 4-1/2"

- Kit converts existing 2-1/4" or 3" Suzo-Happ trackballs to work with USB or PS/2
- Simply replace the optic boards on the existing trackball with the included new optic boards and harness
- Connects directly to either a USB or PS/2 port on a PC
- Compatible with Windows 98™ SE and forward, and Apple Macintosh OS 8.5 or higher, Linux with USB HID support
- No external power supply needed
- Automatically detects whether it is connected to a USB of PS/2 port and configures itself accordingly
- Supports up to three buttons (sold separately)
- Includes both .187" and .250" terminal connectors for pushbutton switches
- For 4-1/2" Suzo-Happ trackballs use 56-0114-00K

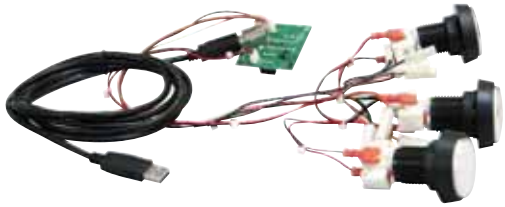


USB B UNIVERSAL SERIAL BUS

Part Number	Description
56-0113-00K	PS/2 & USB Trackball Interface Kit for 2-1/4" and 3"
56-0114-00K	PS/2 & USB Trackball Interface Kit for 4-1/2"

3 BUTTON USB & PS/2 INTERFACE KIT

New



***Buttons Sold Separately**

- Easy way to add 3 button inputs to any PC via USB or PS/2
- Harness for buttons include both .187" and .250" terminal connectors for pushbuttons
- When using buttons (sold separately) with 5VDC LEDs, buttons can be illuminated thru USB port

Part Number	Description
56-0117-00	3 Button USB & PS/2 Interface Kit

TRACKBALL ENCLOSURE

- Trackball can now be mounted into panel without being enclosed with the use of this enclosure
- Large enough to accomodate both 2-1/4" and 3" trackballs with one button on left and right side of trackball
- Black powder coated finish
- Includes rubber grommet



Part Number	Description
95-2198-00	Trackball Enclosure

3" TRACKBALL REPAIR KIT WITH STEEL SHAFTS AND BEARINGS

- Kit includes 2 steel roller shafts, 1 steel idler shaft, and 6 bearings
- Overall width of shafts:
- Idler shaft: 2.370" W
- Roller shaft: 2.933" W
- Bearings are pre-lubricated for optimal performance
- For use in Suzo-Happ 3" trackballs only



Part Number	Description
95-0831-WB	3" Trackball Repair Kit with Shafts and Bearings

ROLLER AND IDLER KITS FOR TRACKBALLS

- Kit includes 2 steel rollers and 1 steel idler shaft
- For use in Suzo-Happ trackballs only
- Overall width of 2-1/4" trackball kit parts:
  - Idler shaft: 1.755" W
  - Roller shaft: 2.265" W
- Overall width of 3" trackball kit parts:
  - Idler shaft: 2.370" W
  - Roller shaft: 2.933" W



Part Number	Description
95-0830-00	Roller and Idler Kit for 2-1/4" Trackball
95-0831-00	Roller and Idler Kit for 3" Trackball

BEARINGS FOR TRACKBALLS

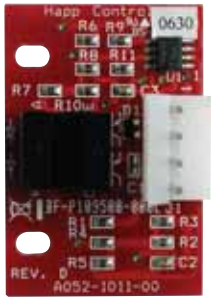
- For use in both 2-1/4" and 3" trackballs
- Each trackball requires 6 bearings per assembly
- Exact OEM Specification for optimal performance
- Pre oiled to OEM specification



Part Number	Description
95-0570-00	Bearings for Trackballs

"RED BOARD" PRINTED CIRCUIT BOARD FOR SUZO-HAPP TRACKBALLS

- This new "Red Board" PCB has improved circuitry to guarantee an optimized performance signal both at low and high rpm speeds
- Optic board uses surface mount technology and superior optics for increased reliability and performance
- Replaces the original A052-1010-00 Green design board



Part Number	Description
A052-1011-00	Printed Circuit Board

PS/2 EXTENSION CABLE

- Shielded and jacketed PVC cable
- Male on one side and Female on the other
- Used to extend length of PS/2 devices such as keyboards, mouse, etc.
- 6' overall length
- 6 pin



Part Number	Description
55-0273-00	PS/2 Extension Cable, 6'

USB EXTENSION CABLE

- Used to extend a USB device such as a trackball, keyboard, printer, modem, scanner, digital camera, etc.
- Extends the A connection (flat end) of a USB cable
- Shielded PVC jacketed cable
- 6' overall length

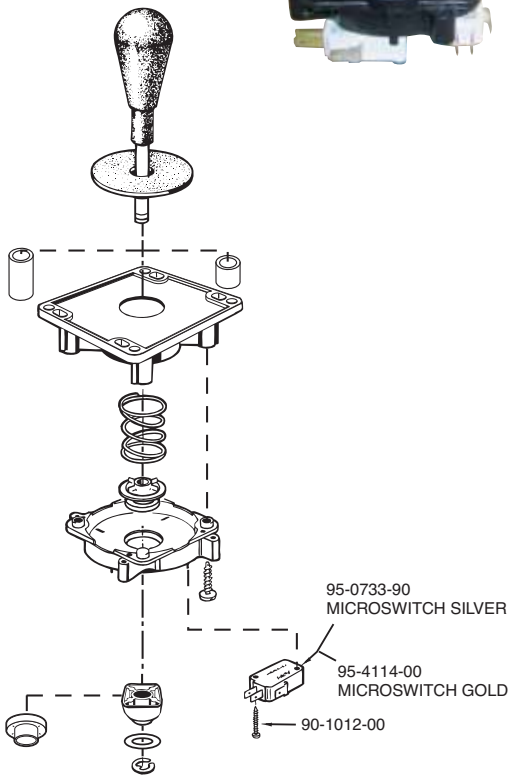


Part Number	Description
55-0278-00	USB Extension Cable

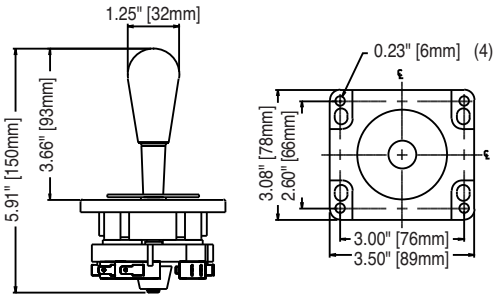
ULTIMATE JOYSTICK

- Precision engineered for the "Ultimate" in game playing feel
- Rugged, yet simple, construction
- Very smooth, spring return-to-center
- Microswitch reliability tested to 10,000,000 cycles
- Adjustable shaft length for metal or wood mounting
- .187" terminal Silver Contact Microswitch Standard
- Gold Contact Microswitch optional





MOUNTING DIMENSIONS



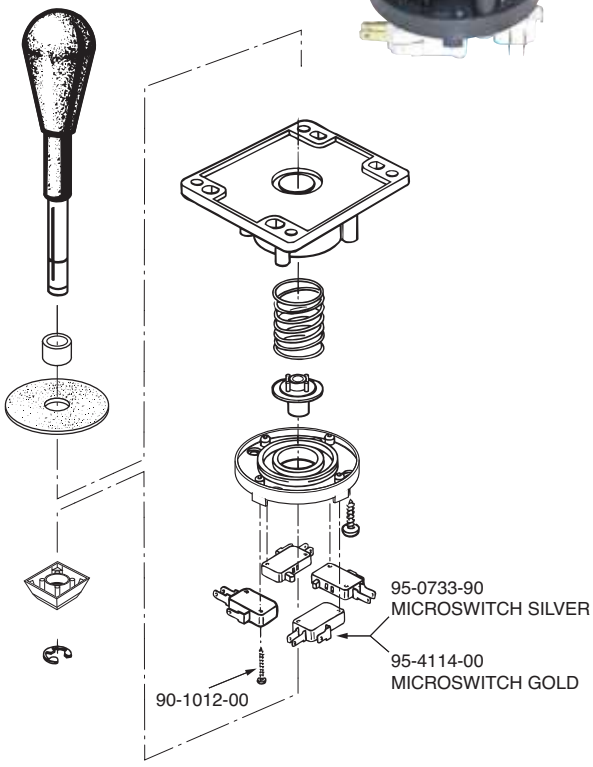
COLOR CODE : XXX = Color	
100 = Red	150 = Yellow
120 = Blue	160 = Black
130 = Green	

Part Number	Description
50-7608-XXX	Ultimate Joystick, 8-way, Microswitch
50-7604-XXX	Ultimate Joystick, 4-way, Microswitch

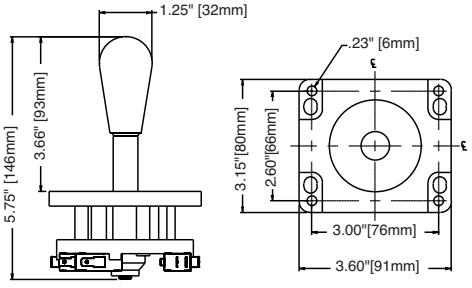
COMPETITION JOYSTICK

- Fits wood and metal control panels
- Spring return-to-center
- 8-way operation
- Microswitch reliability tested to 10,000,000 cycles
- .187" terminal Silver Contact Microswitch Standard
- Gold Contact Microswitch optional
- 8-way only





MOUNTING DIMENSIONS



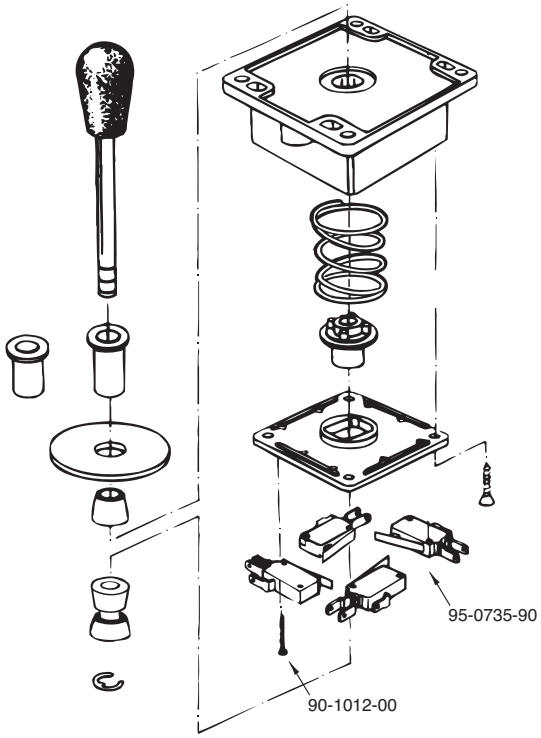
COLOR CODE : XXX = Color	
100 = Red	150 = Yellow
120 = Blue	160 = Black
130 = Green	

Part Number	Description
50-6070-XXX	Competition Joystick, 8-way, Microswitch

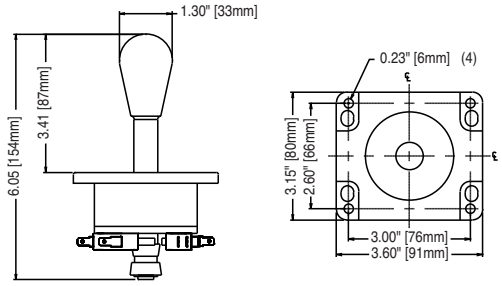
SUPER JOYSTICK

- Nylon and solid steel construction
- Microswitch reliability tested to 10,000,000 cycles
- Unique handle design
- Spring return-to-center
- Rugged construction, our strongest joystick
- Change actuation to 4-way or 8-way simply by flipping actuator over
- Adjustable shaft length for metal or wood mounting
- .187" terminal Silver Contact Microswitch Standard
- Gold Contact Microswitch optional





MOUNTING DIMENSIONS



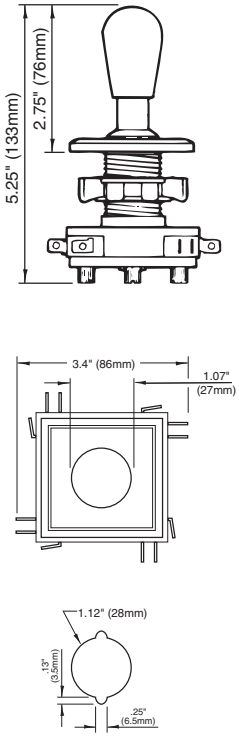
Part Number	Description
29-0394-6	Super Joystick (4 & 8-way) Microswitch
	*Available in black knob only

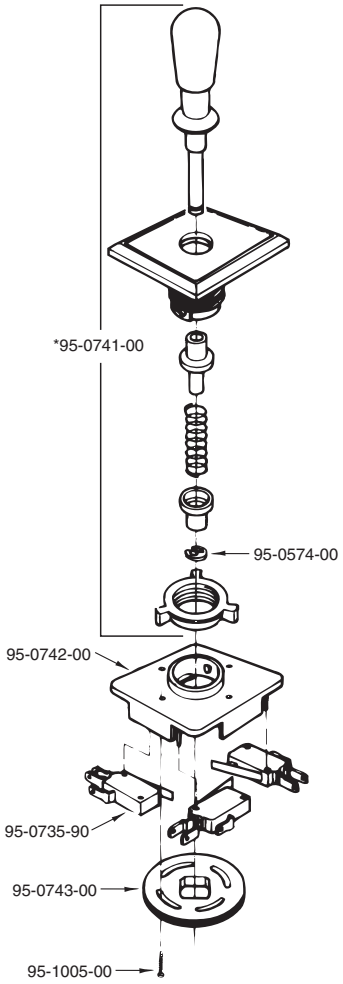
UNIVERSAL JOYSTICK

- Simple universal mounting on wood or metal
- 8-way or 4-way, simply reposition base stop
- Low profile knob, molded nylon and steel construction
- Microswitch reliability tested to 10,000,000 cycles
- .187" terminal Silver Contact Microswitch Standard
- Gold Contact Microswitch optional



MOUNTING DIMENSIONS





Part Number	Description
50-6048-00	Universal Microswitch
	*Available in black knob only

ROTARY & OPTICAL JOYSTICK

- 12 position rotary switch
- "IKARI warrior" game type
- Complete with harness and connector
- 8-way microswitch operation
- Microswitch reliability tested to 10,000,000 cycles
- Available with Optical encoder assembly
- Optical Rotary joystick fits "50 Caliber" and similar games
- .187" terminal Silver Contact Microswitch Standard
- Gold Contact Microswitch optional

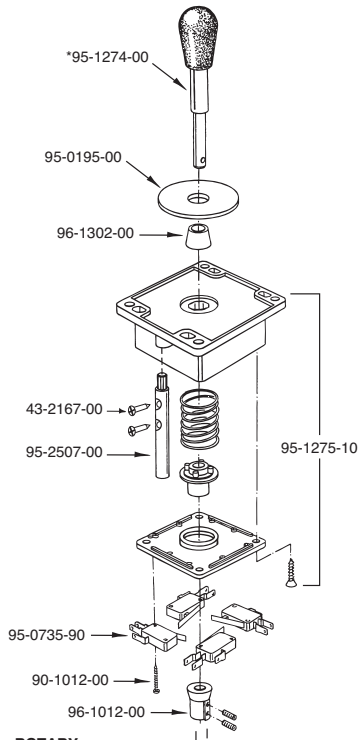


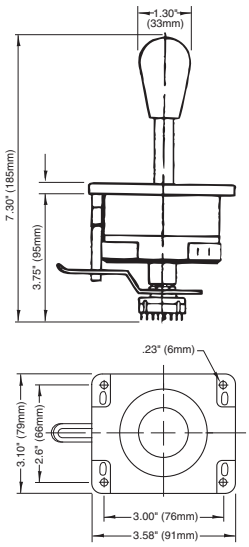
50-5618-00



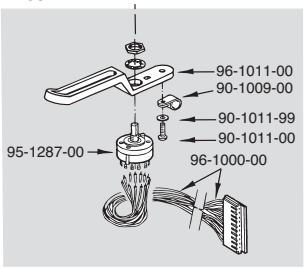
50-5619-00

MOUNTING DIMENSIONS

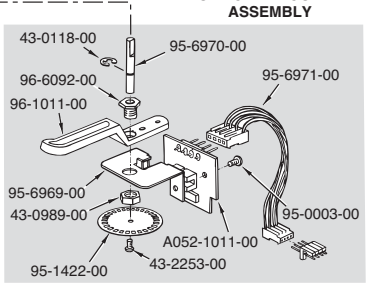




ROTARY ASSEMBLY



OPTICAL ENCODER ASSEMBLY

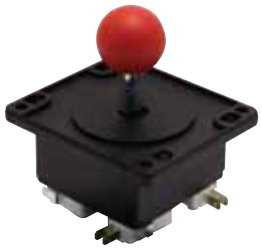


Part Number	Description
50-5618-00	8-way Rotary Joystick
50-5619-00	8-way Optical Rotary Joystick
	*Available in black knob only

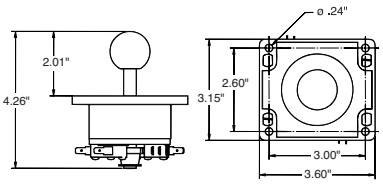
REPLACEMENT JOYSTICK FOR MS PAC-MAN/GALAGA

- For use within NAMCO 20 Year Reunion MS Pac-Man / GALAGA cabinet
- Nylon and solid steel construction
- Microswitch reliability tested to 10,000,000 cycles
- Round 1.25" red knob offers familiar feel like original
- Spring return-to-center
- Rugged construction
- 4-way action
- For use on metal control panel only
- Shaft size is .394" diameter

Note: This joystick does not have the same mounting plate as the original Pac-Man games



MOUNTING DIMENSIONS



Part Number	Description
50-6084-1125R	MS Pac-Man/Galaga Joystick

REPLACEMENT JOYSTICK FOR ORIGINAL PAC-MAN GAMES

- For use within original Pac-Man game cabinets
- Mounts into the original Pac-Man game control panel without any modifications
- Round 1-3/8" red knob offers same feel as the original
- Shaft height is same as original for same feel
- Shaft size is .394" diameter
- Nylon and solid steel construction
- Microswitch reliability tested to 10,000,000 cycles
- Spring return-to-center
- Rugged construction
- 4-way action
- For use on metal control panel only



Part Number	Description
50-6084-112	Replacement Joystick for Pac-Man Games

PERFECT 360° ELECTRONIC JOYSTICK

- Photo electronic switching used instead of conventional switches, for long life
- Precise 45° and 4-way or 8-way operation
- Sensitive response for incredible game control
- Rugged construction
- Bottom of joystick labeled for easy hook-up
- .187" quick-connect terminals



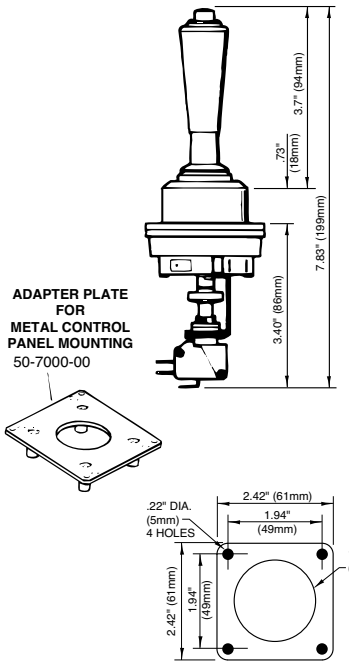
Part Number	Description
50-0346-00	Perfect 360° 4-way/8-way Joystick

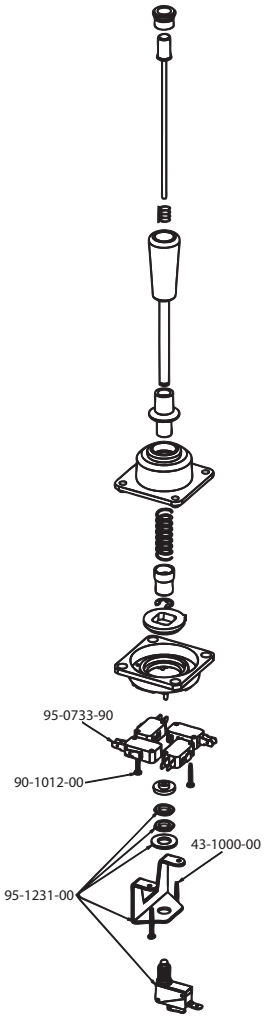
TOP FIRE BUTTON COMPACT JOYSTICK

- Nylon and steel construction
- Microswitch reliability tested to 10,000,000 cycles
- Available in 2, 4 or 8 way operation
- Compact size, installs in 2.5 inches
- .187" terminal Silver Contact Microswitch Standard
- Gold Contact Microswitch optional



MOUNTING DIMENSIONS



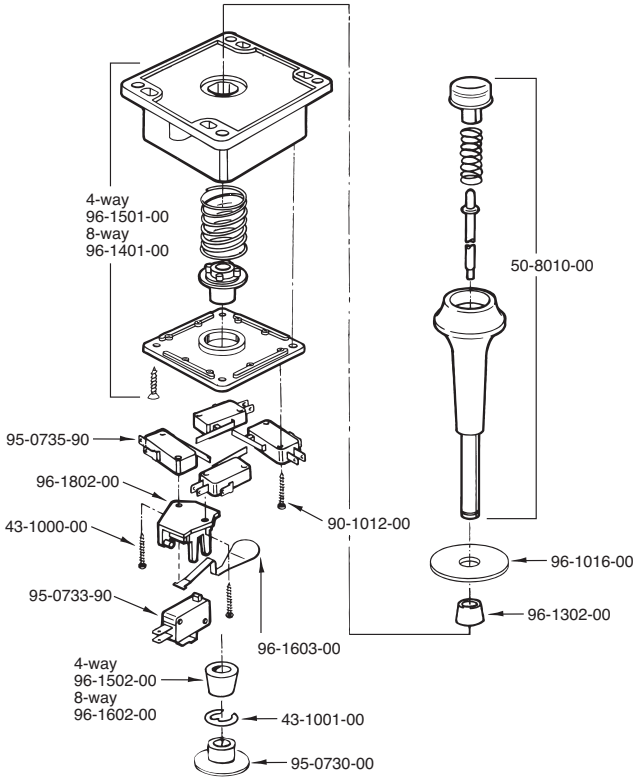


Part Number	Description
50-7008-000	8-way Microswitch Joystick with Fire Button
50-7004-000	4-way Microswitch Joystick with Fire Button
50-7000-00	Adapter Plate for Metal Control Panel Mounting

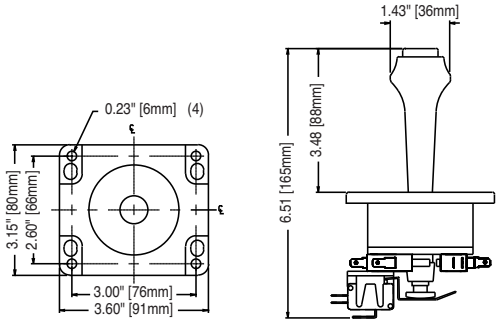
TOP FIRE BUTTON SUPER JOYSTICK

- Same rugged construction and smooth operation as Super Joystick
- Microswitch reliability tested to 10,000,000 cycles
- "Flare" style handle for comfortable grip
- Simple, direct, fire button switch action; uses standard microswitch
- Available in 4-way or 8-way
- .187" terminal Silver Contact Microswitch Standard
- Gold Contact Microswitch optional





MOUNTING DIMENSIONS

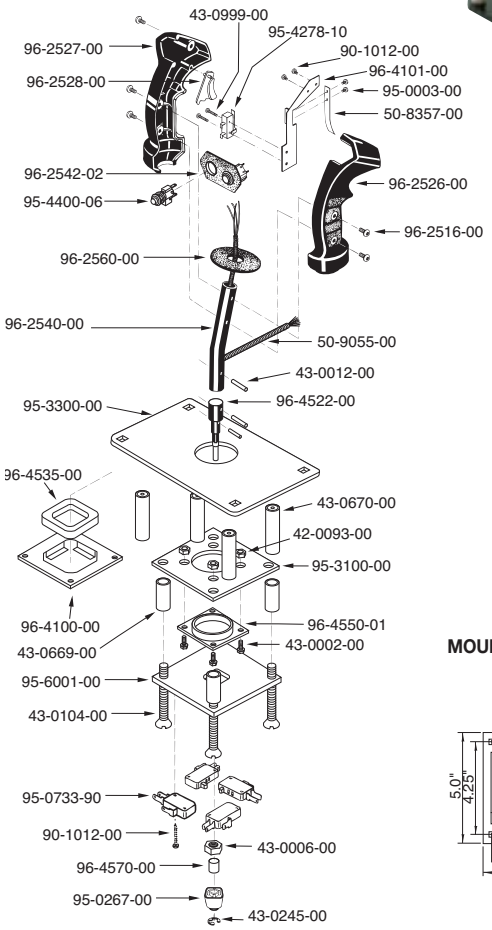


Part Number	Description
50-8000-10	8-way Top Firebutton Super Joystick
50-4000-10	4-way Top Firebutton Super Joystick

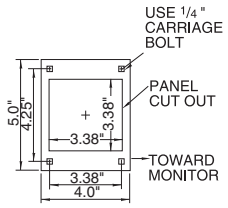
HEAVY DUTY 8-WAY TRIGGER JOYSTICK

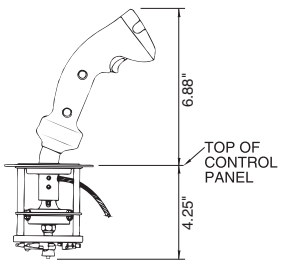
- Comfortable and attractive, contoured ABS handle
- Rugged construction
- 3 Styles:
  – Trigger only
  – Trigger & single fire button
  – Trigger & 2 fire buttons
- Simple to install
- See Page 184 for Torx® Security Wrench





MOUNTING DIMENSIONS



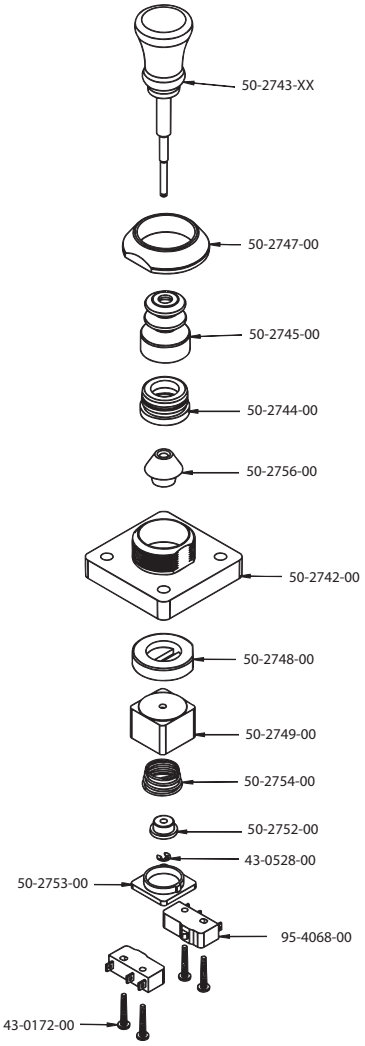


Part Number	Description
50-9970-00	H.D. Joystick, Trigger only
50-9980-00	H.D. Joystick, with 1 Fire Button
50-9975-00	H.D. Joystick, with 2 Fire Buttons

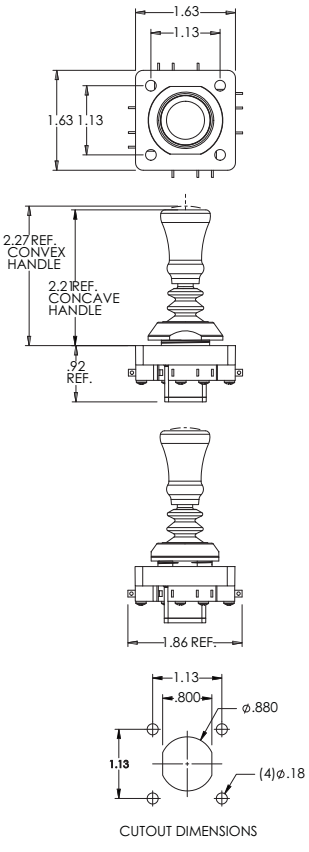
SUBMINIATURE JOYSICK

- Rugged construction
- Compact yet gives you the feel of a full size joystick
- 2-way, 4-way or 8-way gated
- Spring return-to-center
- Quality Cherry switches
- Available with Molded Convex or Concave knob and steel shaft
- Rubber boot to help keep out dust and dirt
- Suitable for panel mounting





MOUNTING DIMENSIONS

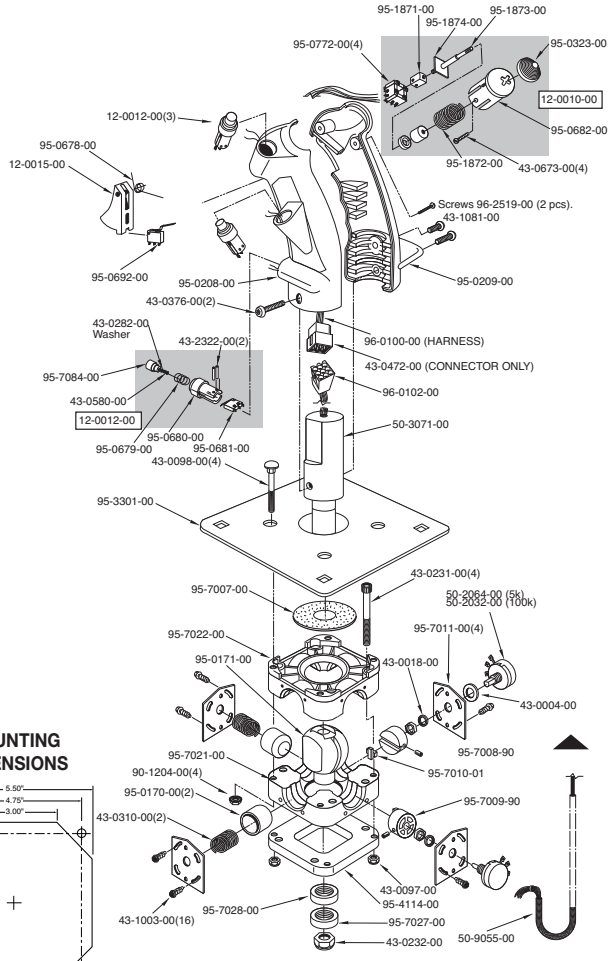


Part Number	Description
50-2755-00	2-Way Subminiature Joystick with Convex Shaft
50-2755-10	2-Way Subminiature Joystick with Concave Shaft
50-2757-00	4-Way Subminiature Joystick with Convex Shaft
50-2757-10	4-Way Subminiature Joystick with Concave Shaft
50-2760-00	8-Way Subminiature Joystick with Convex Shaft
50-2760-10	8-Way Subminiature Joystick with Concave Shaft

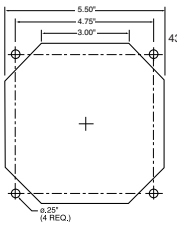
ANALOG JOYSTICK B-8 GRIP

- Rugged construction
- Authentic airplane flight stick (B-8)
- 8 functions on grip (4-way thumbswitch, 4 trigger switches)
- 5k potentiometers fitted as standard
- Optional pot. amplifier PC board allows variable output from potentiometer
- This product is manufactured under a technology license agreement with **Atari Games Corporation®**
- PC Version has 100k S Taper Potentiometers





MOUNTING DIMENSIONS

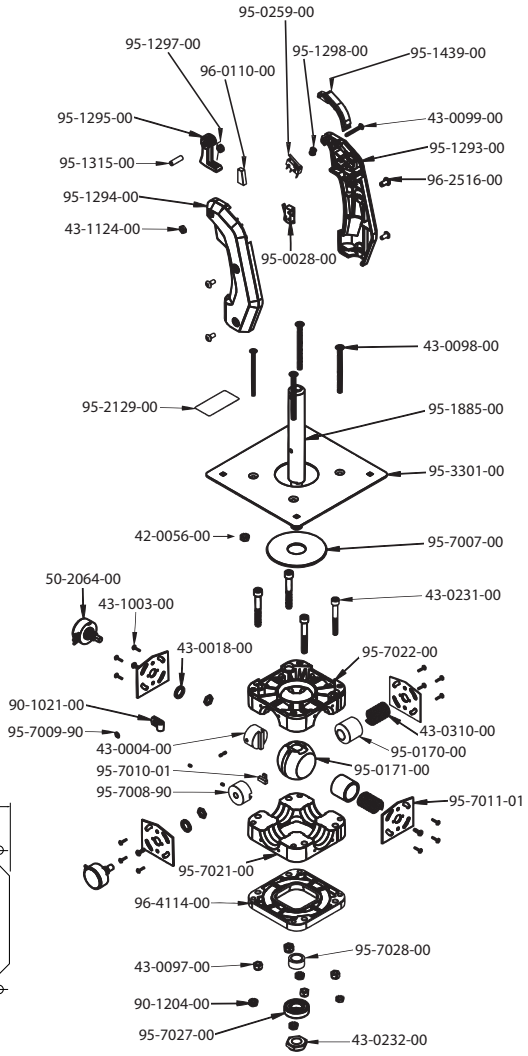


Part Number	Description
95-0251-00	Analog Joystick, B-8 Grip with 5k Potentiometers
95-1345-00	Analog Joystick, B-8 Grip with 5k Potentiometers, directly connects to UGCI 95-0800-20K
95-0394-00	PC Version, Analog Joystick, B-8 Grip 100k S Taper Potentiometers with 15-Pin Gameport Cable

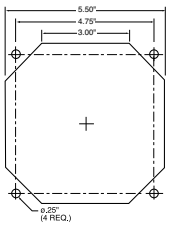
ANALOG JOYSTICK WITH TRIGGER HANDLE

- Rugged construction
- 5k potentiometers fitted as standard (optical encoder version available)
- Microswitch reliability tested to 10,000,000 cycles
- Optional pot. amplifier PC board allows variable output from potentiometer
- This product is manufactured under a technology license agreement with **Atari Games Corporation®**
- PC Version has 100k S Taper Potentiometers





MOUNTING DIMENSIONS



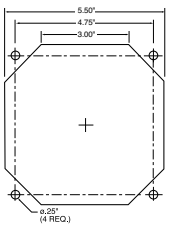
Part Number	Description
95-0179-00	Analog Joystick with Trigger Handle with 5k Potentiometers
95-0392-00	Analog Joystick with Trigger Handle PC Version with 100K S Taper Potentiometers with 15-Pin Gameport Cable

ANALOG JOYSTICK WITH ULTIMATE HANDLE

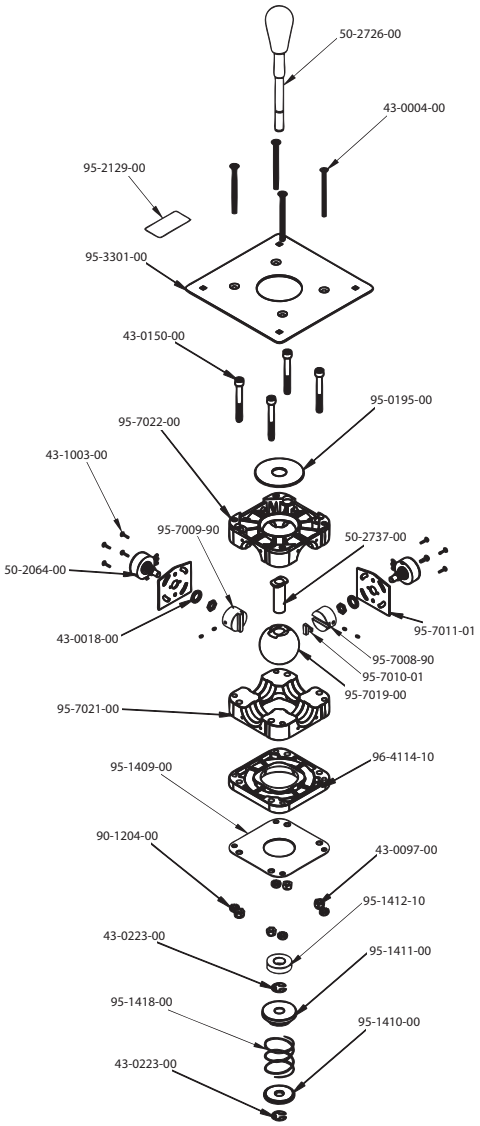
- Very smooth spring return to center
- 3/8" dia. steel shaft
- Rugged construction
- 5k potentiometers fitted as standard
- Optional pot. amplifier PC board allows variable output from potentiometer
- This product is manufactured under a technology license agreement with **Atari Games Corporation®**



MOUNTING DIMENSIONS



MOUNTING DEPTH 3.10"



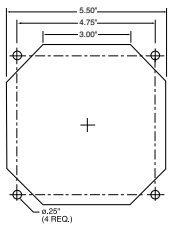
Part Number	Description
50-2876-00	Analog Joystick with Ultimate Handle with 5k Potentiometers
50-2875-00	Analog Joystick with Ultimate PC Version with 100k S Taper Potentiometers with 15-Pin Gameport Cable

ANALOG JOYSTICK WITH STANDARD HANDLE

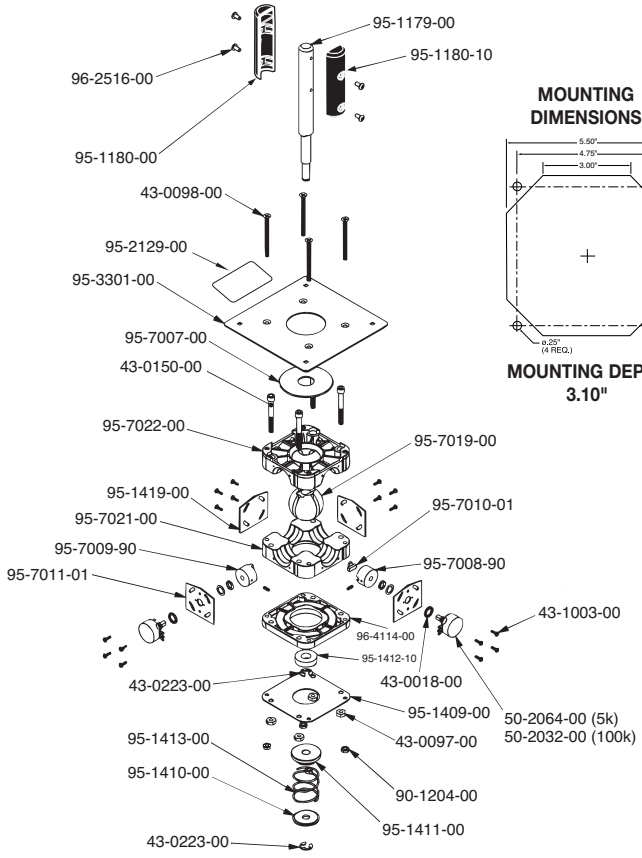
- Very smooth spring return to center
- Solid aluminum shaft with universal grip handle
- No buttons or triggers
- 5k potentiometers fitted as standard
- Optional pot. amplifier PC board allows variable output from potentiometer
- This product is manufactured under a technology license agreement with **Atari Games Corporation®**
- PC version has 100k S Taper Potentiometers



MOUNTING DIMENSIONS



MOUNTING DEPTH 3.10"

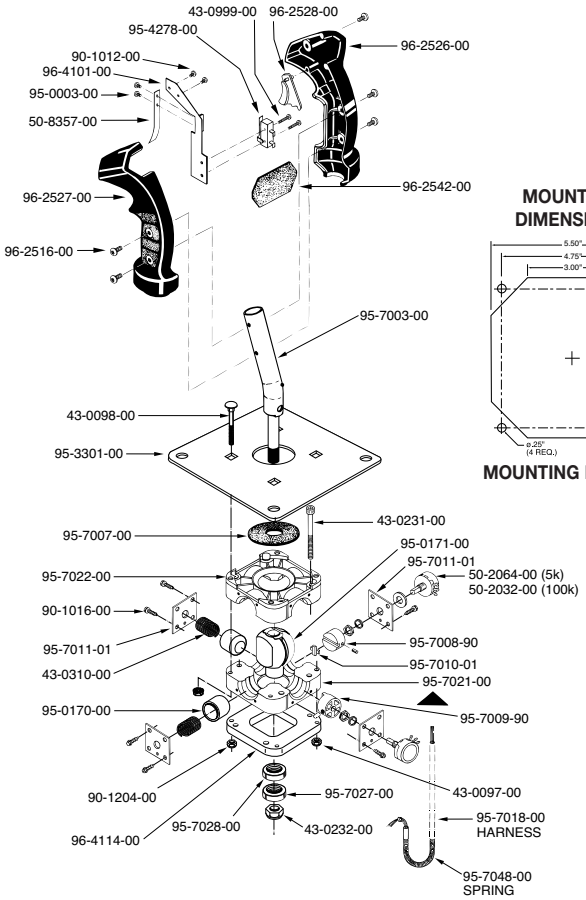


Part Number	Description
50-2740-00	Analog Joystick with Standard Handle with 5k Potentiometers
50-2741-00	Analog Joystick with Standard Handle, PC Version, with 100k S Taper Potentiometers with 15-Pin Gameport Cable

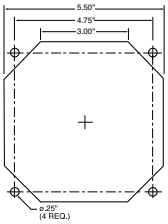
HEAVY DUTY ANALOG TRIGGER JOYSTICK

- Rugged construction
- Comfortable contoured ABS handle
- 5k potentiometers fitted as standard
- Optional pot. amplifier PC board allows variable output from potentiometer
- This product is manufactured under a technology license agreement with **Atari Games Corporation®**
- Optional rubber boot available
- PC Version has 100k S Taper Potentiometers
- See Page 184 for Torx® Security Wrench





MOUNTING DIMENSIONS



MOUNTING DEPTH 3"

Part Number	Description
95-0701-00	Heavy Duty Analog Trigger Joystick with 5k Potentiometers
95-0393-00	PC Version, Heavy Duty Analog Trigger Joystick with 100k S Taper Potentiometers with 15-Pin Cable

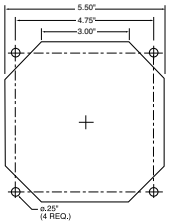
ANALOG JOYSTICK

- Rugged construction
- Positive return to center
- 5k potentionmeters fitted as standard
- Optional pot. amplifier PC board allows variable output from potentiometer
- This product is manufactured under a technology license agreement with **Atari Games Corporation®**
- PC version has 100k S Taper Potentiometers

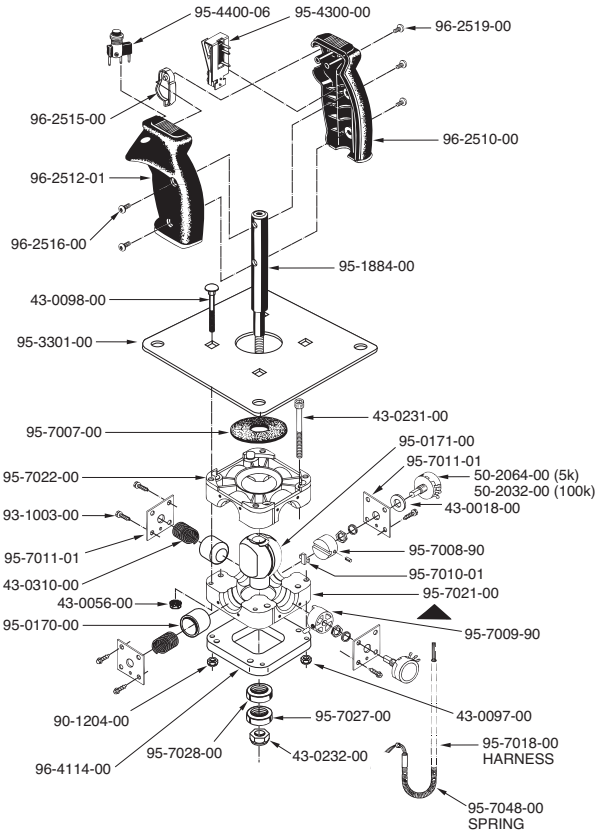


Right Hand Version

MOUNTING DIMENSIONS



MOUNTING DEPTH 3"



Part Number	Description
95-0172-00	Analog Joystick Right hand with 5k Potentiometers
95-1347-00	Analog Joystick Right hand with 5k Potentiometers, directly connects to UGCI 95-0800-20K
95-0390-00	Analog Joystick Right Hand PC Version with 100k S Taper Potentiometers with 15-Pin Gameport Cable

SLIKSTIK TORNADO SPINNER ASSEMBLY



Spinner Assembly

KNOB TYPES



STANDARD | STANDARD | STANDARD

O-RING | SKIRTED | SKIRTED

Part Number	Description
95-2657-00	SlikStik Tornado Spinner Assembly

Standard Knob Assemblies	
Part Number	**Description**
50-3184-00A	Sliver Knob Assembly
50-3184-10A	Red Knob Assembly
50-3184-12A	Blue Knob Assembly
50-3184-16A	Black Knob Assembly
50-3184-20A	Purple Knob Assembly

O-Ring Knob Assemblies	
Part Number	**Description**
50-3183-00A	Sliver Knob Assembly
50-3183-10A	Red Knob Assembly
50-3183-12A	Blue Knob Assembly
50-3183-16A	Black Knob Assembly

Skirted Knob Assemblies	
Part Number	**Description**
50-0465-00A	Sliver Knob Assembly
50-0465-10A	Red Knob Assembly
50-0465-12A	Blue Knob Assembly
50-0465-16A	Black Knob Assembly
50-0465-20A	Purple Knob Assembly

The SlikStik Tornado spinner is best arcade spinning device in the world.

- Designed and fine tuned for optimal play
- Uses fully adjustable 1/4" shaft (By default it is set for 3/4 wood control panels, but can be adjusted for metal controls panels)
- Specialized one-piece bracket design, includes mounting holes and screw driver cutouts which makes for easy installation
- Includes SlikStik's custom designed, (PS/2 or USB) optic PCB that utilizes a dual optical pickup interface, support for 3 mouse buttons and switchable (axis) operation via an onboard jumper
- Dual top and bottom ABEC ball bearings are pressure fit for stability; provide shaft alignment, reduced friction and superior spin times
- Windows, Mac and Linux compatible and has automatic detection (No additional drivers or software is need for installation)
- All cables including PS2 and USB port hookup are included
- 3 different types of spinner knobs available, (Skirted, O-ring and Standard) in 5 different colors (Silver, Red, Blue, Black and Purple)
- When ordering the spinner assembly, you must choose a corresponding spinner knob from the list below

SNAP SWITCHES

- High quality switch
- 75 gram (standard) actuating force
- .187" or .250" terminal available



TYPE D44

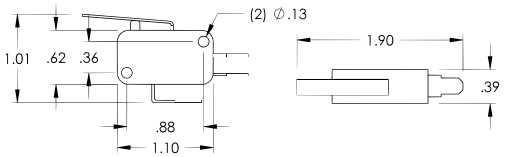
Part Number	Terminals	Amps
95-0733-90	.187"	10
95-4114-00	.187"	0.1

SNAP SWITCH WITH STRAIGHT ACTUATOR

- 10 Amps
- 125 Volts
- .187 terminals



MOUNTING DIMENSIONS



Part Number	Description
95-0735-90	1" Long Actuator

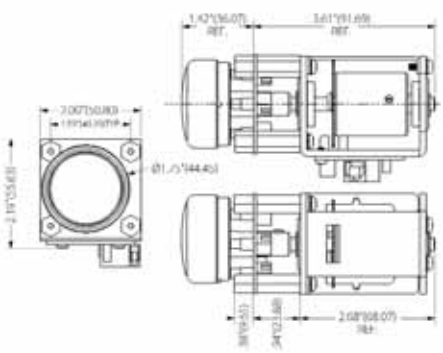
SPINNER ASSEMBLY WITH ATARI ILLUMINATED KNOB

New

- Designed and fine tuned for optimal play
- Designed for Metal control panels only
- Atari Logo spinner knob is illuminated by four white LEDs that are powered by USB port
- Specialized bracket design, includes mounting holes and screw driver cutouts which makes for easy installation
- Includes custom designed, (PS/2 or USB) optic PCB that utilizes a dual optical pickup interface, support for 3 mouse buttons and switchable (axis) operation via an onboard jumper
- Dual top and bottom ABEC ball bearings are pressure fit for stability; provide shaft alignment, reduced friction and superior spin times
- Windows, Mac and Linux compatible and has automatic detection (No additional drivers or software is need for installation)
- All cables including PS2 and USB port hookup are included



MOUNTING DIMENSIONS



Part Number	Description
95-8560-00	Spinner Assembly with Atari Illuminated Knob

GRIP ASSEMBLIES LEFT HAND & RIGHT HAND

- Fitted with microswitches in thumb and trigger switch
- Long life, 10,000,000 cycle rated

Replacement Parts For:

Bally: "Spyhunter II"
"Sarge"

Taito: "S.C. I."
"Battleshark"

Atari: "Stun Runner"
"Hydra"
"Road Riot"
"Steel Talons"
"Space Lords"

LEFT HAND



RIGHT HAND



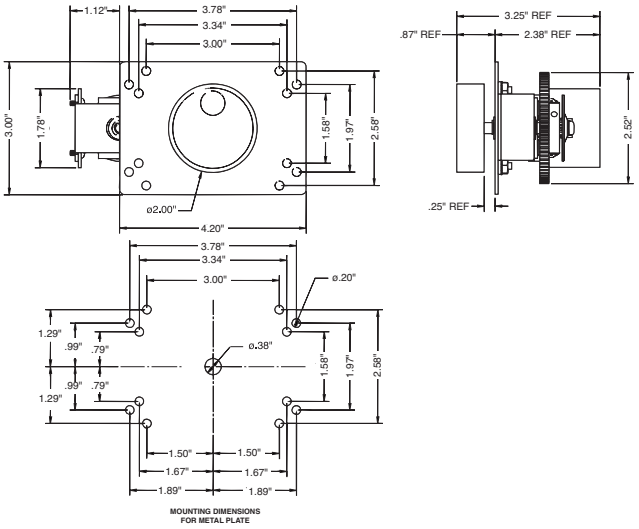
Left Hand Assemblies	
Part Number	**Description**
50-2508-00	LH Grip Assembly with Thumb Switch
50-2502-00	LH Grip Assembly without Thumb Switch
Right Hand Assemblies	
50-2507-00	RH Grip Assembly with Thumb Switch
50-2501-00	RH Grip Assembly without Thumb Switch

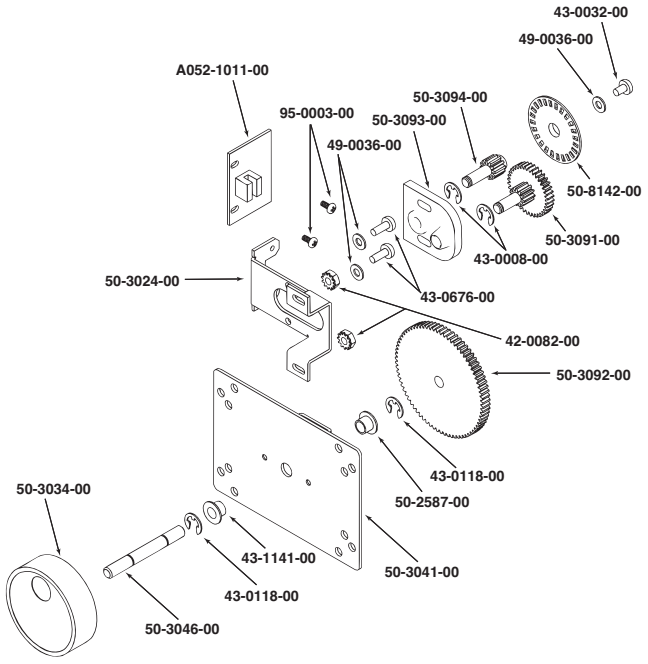
TRACKWHEEL CONTROL

- Replacement control for Arkinoid I and II video games
- With spinner knob



MOUNTING DIMENSIONS





Part Number	Description
95-0931-00	Trackwheel Control

MAGNETIC SCREWDRIVERS

- Industrial quality screwdriver
- Magnetic shank with flip top cap
- 1/4" Hex insert bit
- Includes 4 bits in handle - Phillips #1, #2 and Flat #4 , #6



Part Number	Description
49-0585-00	7" Magnetic Screwdriver with 4 Bits
49-0586-00	11" Magnetic Screwdriver with 4 Bits

TAMPER-RESISTANT TORX® WRENCHES

- A must for every toolbox
- Torx is a registered trademark of Camcar Div., Textron Inc.



Part Number	Description
49-0452-00	Torx® T-10 Wrench
49-0538-00	Torx® T-40 Wrench

TAMPER RESISTANT TORX® WRENCH SET

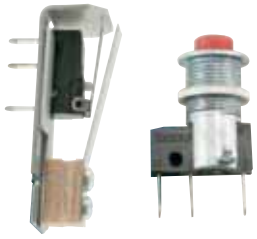
- 6-piece set
- Contains one each T-10, T-15, T20, T-25, T-27, T-30
- Torx is a registered trademark of Camcar Div., Textron Inc.



Part Number	Description
49-0709-00	Tamper-Resistant Torx® Wrench Set

THUMB & TRIGGER SWITCH ASSEMBLIES

- With GOLD CHERRY Microswitch
- Thumb Switch Assembly fits 1/2"Ø panel hole up to 3/8" thick
- Thumb Switch Assembly replaces Cherry P163 and Licon switches on many applications
- Trigger Switch Assembly replaces original leaf switch and bracket on games listed above

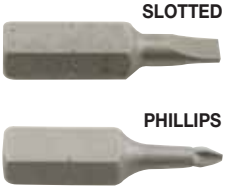


Part Number	Description
95-4300-00	Trigger Switch Assembly
95-4400-00	Thumb Switch Assembly (Red)
95-4400-06	Thumb Switch Assembly (Black)
96-2515-00	Trigger (Red)
96-2510-00	Outer Grip, RH
96-2512-00	Inner Grip, RH (undrilled)
96-2511-00	Outer Grip, LH
96-2513-00	Inner Grip, LH (undrilled)
96-2519-00	Screw, Outer to Inner for Grip (2 per)
96-2516-00	Screw, Grip Assembly to Tube (4 per)

SCREWDRIVER BITS



TORX®
TAMPER-RESISTANT



SLOTTED

PHILLIPS

- Ideal for screw guns, cordless and electric drills
- Tough, fracture-resistant tips
- Made in the USA
- Torx is a registered trademark of Camcar Div., Textron Inc.

Part Number	Description
49-0632-00	#1 Phillips
49-0633-00	#2 Phillips
49-0635-00	#3 - 4 Straight Slotted
49-0636-00	#5 - 6 Straight Slotted
49-0574-T10	Torx® T-10 Tamper Resistant Bit
49-0574-T15	Torx® T-15 Tamper Resistant Bit
49-0574-T20	Torx® T-20 Tamper Resistant Bit
49-0574-T25	Torx® T-25 Tamper Resistant Bit
49-0574-T27	Torx® T-27 Tamper Resistant Bit
92-0151-00	Torx® T-9 Bit

TAMPER-RESISTANT STAR BIT SET

- For tamper-proof star fasteners
- Tempered, precision-machined tips
- Includes 7 bits: T-10, T-15, T-20, T-25, T-27, T-30, T-40
- Complete with PVC organizer



Part Number	Description
49-0710-00	Tamper-Resistant Star Bit Set

REPLACEMENT POTS FOR ANALOG JOYSTICKS



50-2064-00 50-8026-02 50-2032-00

Part Number	Description
50-2064-00	5k S-Taper .750" Shaft
50-8026-02	5k Standard Taper .750" Shaft
50-2032-00	100k S-Taper .750" Shaft

USB GAME CONTROL INTERFACE (UGCI)

Universal Serial Bus (USB) Control Interface Board **UCIB**™ allows Personal computers equipped with USB to easily interface with standard "Arcade Quality" controls from Suzo-Happ via the USB Port. The device will be automatically configured as soon as it is physically attached, without the need to reboot or run Setup. No drivers necessary to install, only requires a Windows 95/98/ME/2000™/XP CD.

Benefits of utilization of the USB intelligent interface:

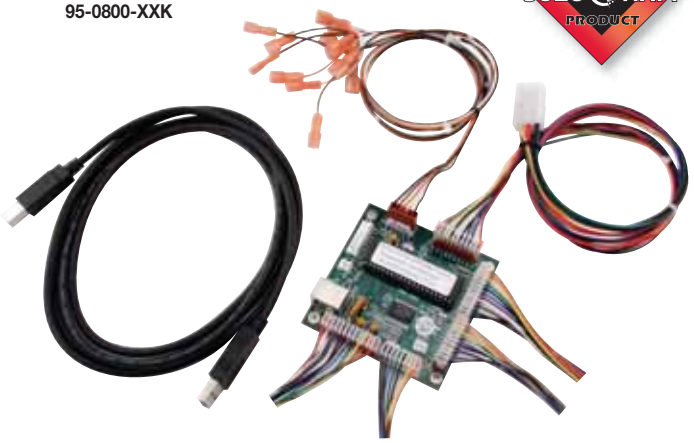
- Hot Swapping Capability
- Multiple Peripheral, with use of USB hubs, allows up to 127 different peripherals to be used at one time
- Moves Data at a High Speed
- No separate power supply needed
- Share Peripherals between PC platforms
- Higher Bandwidth than Serial
- Simplicity of use
- Established base of millions of USB computers
- Built-in operating system support for devices

Features of Suzo-Happ Universal Serial Bus (USB) Game Control Interface Board (UGCI)

- High Performance Universal Serial Bus (USB) IO Channel
- Low cost
- Robust fault tolerant design which is USB HID compliant
- DirectX ready
- WINDOWS 95/98/ME/2K/XP Operating System Ready
- OAAF Compliant
- Seven high speed 8-bit 20 Khz analog channels
- 32 Digital inputs at 10 Khz each
- CPU resource efficient 10 times faster than RS-232 based arcade models
- Supports games running at 120 FPS
- 1.5 Mbytes/Second, 1000 Hz polling frequency for each data packet.
- Plug-And-Play and ACPI Compliant
- Up to two Coin/Bill Counters
- Host CPU Reset watchdog timer
- Mappable keyboard buttons with SDK available online
- 3 Models available to best fit application
- Daughter board available for high current outputs, 96-0746-00
- Supports both trackball and buttons
- Small compact size 3" x 3"
- NOTE: To use the Coin/Bill counters, Watchdog and Player Start buttons require application software to be written for the UGCI. You need to be a member of MSDN (Microsoft Developers Network) and use the MSDN DDK to do this.
- The UGCI is not compatible with MAC OS

USB
UNIVERSAL SERIAL BUS

Interface with Harness Kit
95-0800-XXK



Controls Sold Separately

Interface only
95-0800-XX



Driving USB (95-0800-10) Supports*:

- Steering wheel
- Brake
- Throttle
- 2 Coin/Bill-Counters
- Up to Six Buttons
- Trackball with 3 buttons
- 4-Speed Shifter with Reverse
- 2 Start Buttons
- Host Watchdog Timer

* 270° Pot only, does not support optic wheel

Flying USB (95-0800-20) Supports:

- Analog B-8 Style Joystick, with POV hat
- Rudder Pedal
- Throttle
- Trackball with 3 buttons
- 2 Coin/Bill-Counters
- 2 Start Buttons
- Host Watchdog Timer
- 4 Select Buttons

Fighting USB (95-0800-30) Supports:

- Two Eight Position Digital Joysticks
- Six Buttons for each Joystick(seven for JS1)
- Trackball with 3 Buttons
- 2 Coin/Bill Counters
- Host Watchdog Timer
- 4 Select Buttons
- 2 Start Buttons

MODELS AVAILABLE: XX = TYPE
10 = Driving
20 = Flying
30 = Fighting

Part Number	Description
95-0800-XXK	USB Game Control Interface (UGCI) with Harness Kit, USB Cable and PCB Mounting Feet (Specify Model)
95-0800-XX	USB Game Control Interface Only without harnesses (Specify Model)
96-0735-00	USB Cable 5' Type A to B

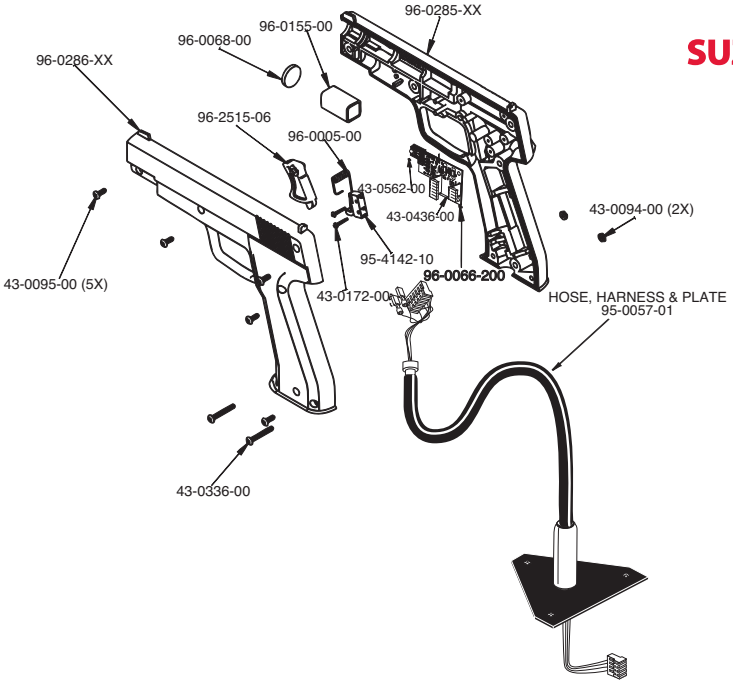
45 CAL. OPTICAL GUN

- Made in the USA
- Utilizes the Type II gun halves
- New optic PCB has innovative optic can holder that securely holds the optic in place and prevents breakage of optic legs due to shock
- Includes Durable Gun Tip Protector
- Easier disassembly and assembly of gun via brass inserts inside gun, no nuts
- Durable rubber hose
- Innovative “inductorless” optic sensor board for increased reliability and accuracy
- Overall length of hose is 44"
- Will replace industry standard guns
- Reliable GOLD contact microswitch used on trigger switch
- Gun holster also available (96-0750-16)
- Mounting plate to hose connection swivels
- Various colors available

ACCEPT NO SUBSTITUTES



SUZO HAPPY





Gun Holster (96-0750-16) for Use with Optical Gun

MOUNTING DIMENSIONS

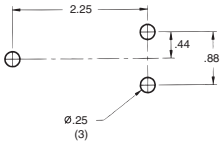
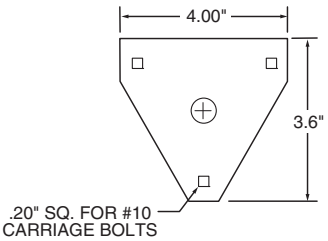
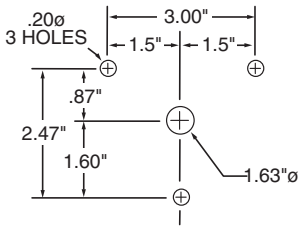


PLATE DIMENSIONS



MOUNTING DIMENSIONS



COLOR CODE : XX = Color	
10 = Red	20 = Deep Purple
13 = Green	112 = Baby Blue
17 = Orange	119 = Pink

Part Number	Description
96-2300-XX	45 Cal. Suzo-Happ Optical Gun Assembly with Rubber Hose
96-2300-XXSG	45 Cal. Suzo-Happ Optical Gun Assembly with Rubber Hose for Sega Virtua Cop (USA Version)
96-2302-XX	45 Cal. Suzo-Happ Optical Gun Assembly with Rubber Hose with Atari Area 51 & Maximum Force Adapter
96-0750-16	Gun Holster, Black
96-0858-00	Suzo-Happ Optical Gun Protector Kit

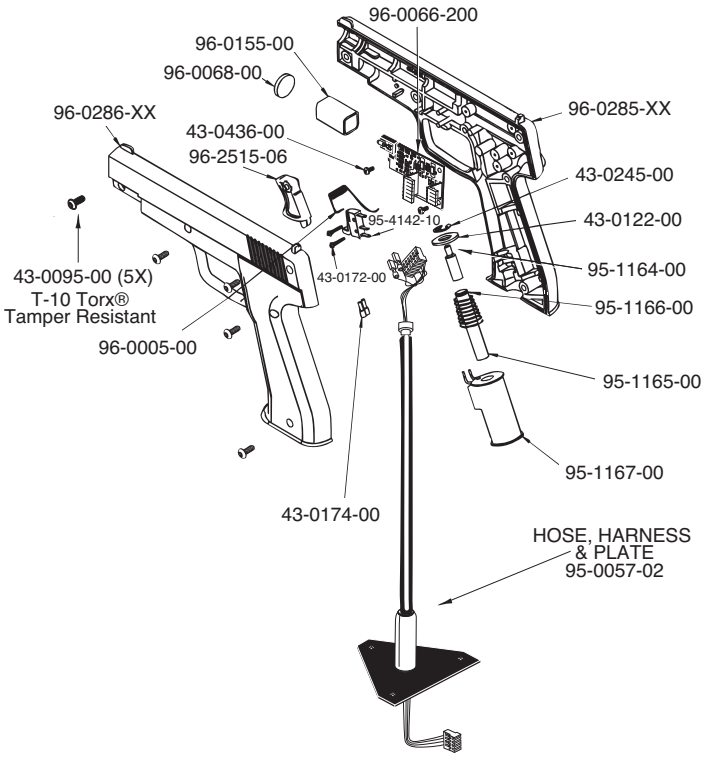
45 CAL. OPTICAL GUN WITH RECOIL

- Made in the USA
- Solenoid inside of gun activates to provide realistic feel
- Driver circuitry required to operate solenoid
- Solenoid ON time: 35ms 10% duty cycle, +24vdc (3 Amps Max)
- Utilizes the Type II gun halves
- Includes Durable Gun Tip Protector
- New optic PCB has innovative optic can holder that securely holds the optic in place and prevents breakage of optic legs due to shock
- Easier disassembly and assembly of gun via brass inserts inside gun
- Innovative “inductorless” optic sensor board for increased reliability and accuracy
- Durable rubber hose
- Overall length of hose is 44"
- Reliable GOLD contact microswitch used on trigger switch
- Gun holster also available (96-0750-16)
- Mounting plate to hose connection swivels
- Optional button function can be added
- Various colors available

ACCEPT NO SUBSTITUTES



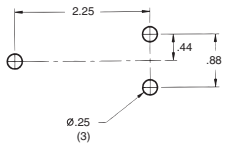
SUZO HAPP





Gun Holster (96-0750-16) for Use with Optical Gun

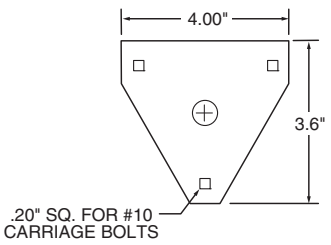
MOUNTING DIMENSIONS



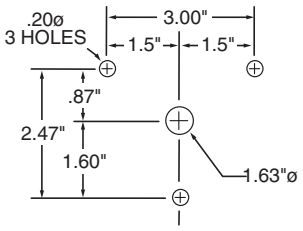
COLOR CODE : XX = Color	
10 = Red	20 = Deep Purple
13 = Green	112 = Baby Blue
17 = Orange	119 = Pink

Part Number	Description
96-2700-XX	45 Cal. Happ Optical Gun Assembly with Recoil
96-0750-16	Gun Holster, Black
96-0858-00	Suzo-Happ Optical Gun Protector Kit

PLATE DIMENSIONS



MOUNTING DIMENSIONS



RUBBER REPLACEMENT HOSES FOR OPTIC GUN

ORIGINAL OPTIC GUN TYPE I

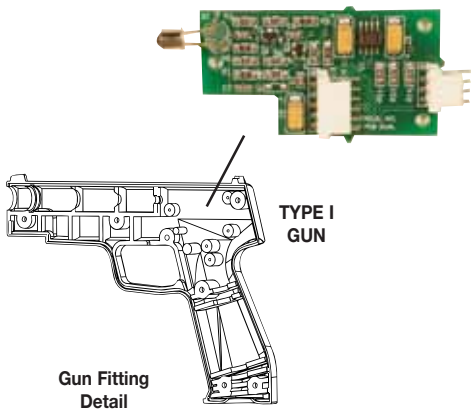
RUBBER HOSE REPLACEMENT FOR TYPE I

NOTE: As of March 30, 2001 Type I gun halves were discontinued.

- Allows worn rubber or steel hoses from Type I guns to be replaced
- Includes hose, harness and black triangle mounting plate

SUZO HAPP

Type I Optic PCB
96-0066-100SMD





95-7082-01

Part Number	Description
95-7082-01	Rubber Hose Replacement for Type I Guns

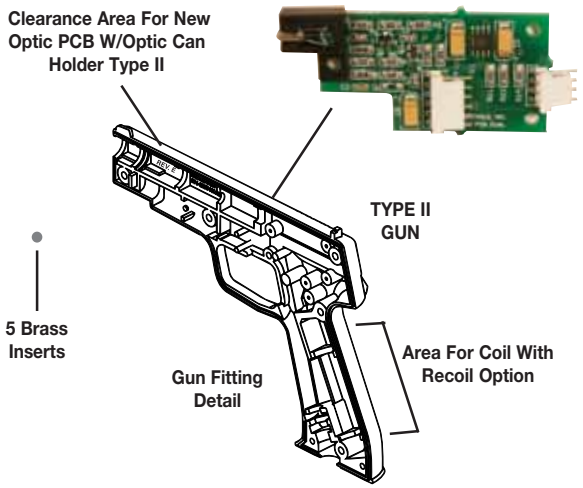
NEW OPTIC GUN WITH RECOIL OPTION TYPE II

RUBBER HOSE REPLACEMENT FOR TYPE II

- Allows worn rubber or steel hoses from Type II guns to be replaced
- Includes hose, harness and black triangle mounting plate
- Available in 4-Wire (guns w/o coil) or 7-Wire versions (guns w/coil)

SUZO HAPP

Type II Optic PCB
96-0066-200





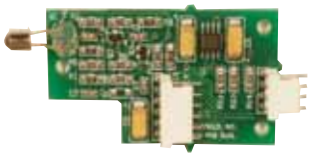
95-0057-01

Part Number	Description
95-0057-01	Rubber Hose Replacement for Type II Guns – 4-Wire
95-0057-02	Rubber Hose Replacement for Type II Guns – 7-Wire

UNIVERSAL OPTIC GUN BOARDS

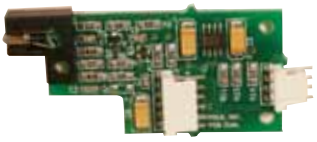
- New surface mount design
- Universal PCB design allows one PCB to be used for both 4-Pin and 6-Pin applications
- New innovative “Inductorless” circuit design for increased reliability
- Direct replacement for Suzo-Happ and Atari optic guns
- Type I Optic PCB has legs of optic sensor glued to aid in shock absorption
- New Type II Optic PCB has innovative optic can holder that securely holds the optic in place and prevents breakage of optic legs due to shock

Type I



96-0066-100SMD

Type II



96-0066-200

SUZO HAPP

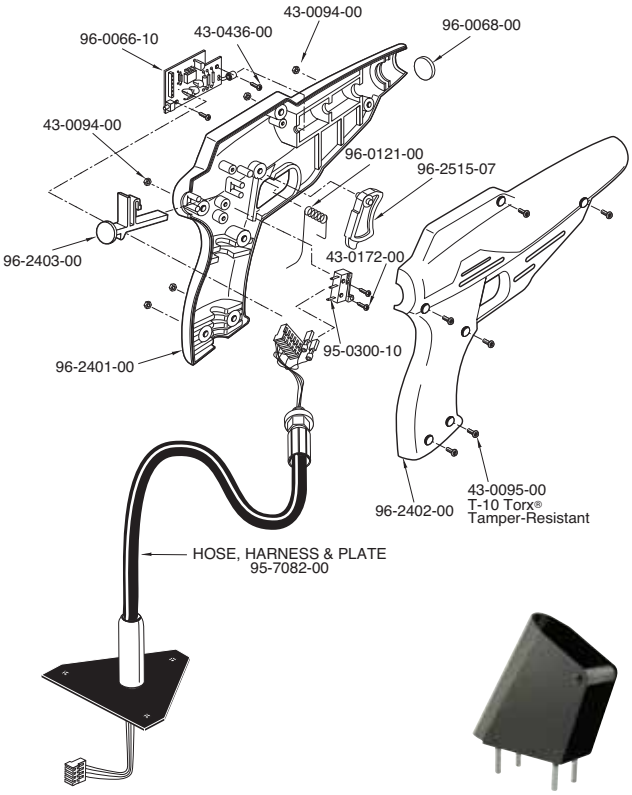
Part Number	Description
96-0066-100SMD	Universal Optic Gun Board (Type I)
96-0066-200	Universal Optic Gun Board with Optic Holder (Type II)

SPACE GUN

- Made in USA
- High quality electronic component technology to ensure accuracy and dependability
- Now with durable rubber hose
- Overall length of hose is 44"
- Second function button (start, fire, etc.) at rear of gun
- Mounting plate to hose connection swivels
- Reliable GOLD contact microswitch used on trigger switch
- Green gun, orange button and trigger

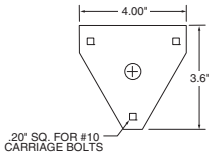


SUZO HAPP

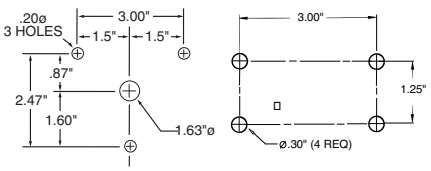


Gun Holster (96-0125-00) for Use with Optical Gun

PLATE DIMENSIONS



MOUNTING DIMENSIONS



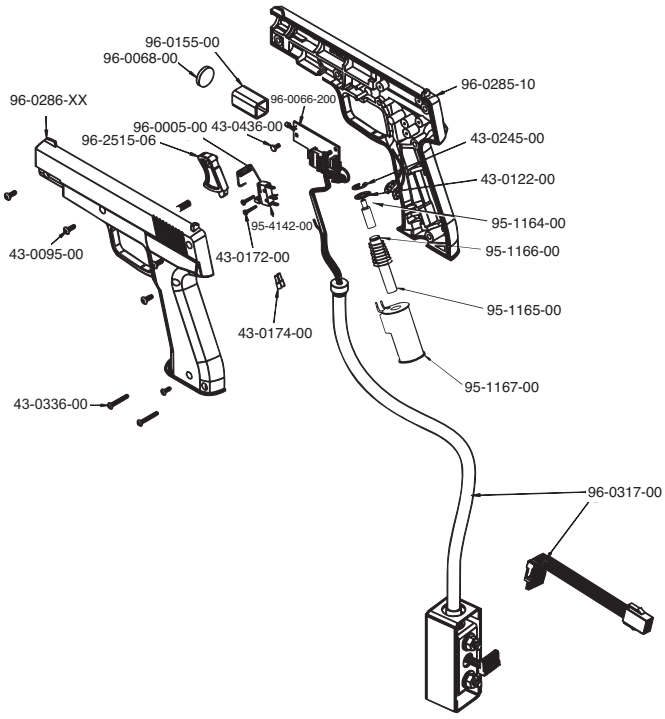
Part Number	Description
96-2405-00	Green Space Gun Assembly
96-0125-00	Gun Holster for Space Gun, Black

45 CAL. OPTICAL RECOIL GUN

- Made in USA
- Kit includes all items necessary to utilize Suzo-Happ Recoil Optical Gun on Namco Ninja Assault, Time Crisis I, Time Crisis II, Time Crisis III and Point Blank
- To install, simply remove old original Namco Gun and install mounting plate to control panel and plug into existing cabinet gun harness
- Now with durable rubber hose
- Utilizes the New Type II gun halves
- Easier disassembly and assembly of gun via brass inserts inside gun, no nuts
- New optic PCB has innovative optic can holder that securely holds the optic in place and prevents breakage of optic legs due to shock
- Gun colors: Red or Blue
- Solenoid inside of gun activates to provide realistic feel
- Utilizes standard Suzo-Happ gun parts for Lens, Trigger, Switch & PCB
- Reliable GOLD contact microswitch used on trigger switch
- Innovative “inductorless” optic sensor board for increased reliability and accuracy

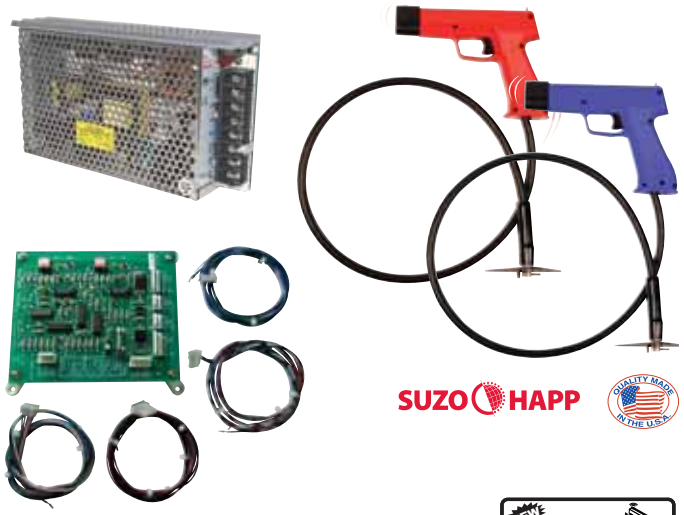


SUZO HAPP



Part Number	Description
96-2700-10TC	Red Recoil Optical Gun Conversion Kit with Rubber Hose
96-2700-12TC	Blue Recoil Optical Gun Conversion Kit with Rubber Hose

45 CAL. RECOIL OPTICAL CONVERSION KIT



SUZO HAPP



DECAL

- Made in USA
- Utilizes the new Type II gun halves
- Allows Recoil gun action to be added to Non-Recoil games currently utilizing standard optical guns to give your earnings a “Kick”
- New Optic PCB has innovative optic can holder that securely holds the optic in place and prevents breakage of optic legs due to shock.
- Innovative “inductorless” optic sensor board for increased reliability and accuracy
- Now with durable rubber hose
- Easier disassembly and assembly of gun via brass inserts inside gun
- Overall length of hose is 44"
- Will replace industry standard guns
- Utilizes standard Suzo-Happ gun parts for Lens, Trigger & Switch
- Reliable GOLD contact microswitch used on trigger switch
- Mounting plate to hose connection swivels
- Easy to install

Note: For Time Crisis I and II, Time Crisis III use 96-2700-10TC (Red) or 96-2700-12TC (Blue). These will directly replace the original Time Crisis guns.

Kit Includes

- Red 45 Cal. Recoil Gun
- Blue 45 Cal. Recoil Gun
- Recoil Control PCB harnesses
- 24v Power Supply
- (2) “Recoil Gun Gives Your Gameplay a Kick!” decals
- Instructions

Will work on the following gun games:

Area 51
Egg Venture
House of the Dead
Lethal Enforcers 1 & 2
Maximum Force
Point Blank
Police Trainer
Virtua Cop 1 & 2
Zero Point and Others

Part Number	Description
96-2700-RBKIT	45 Cal. Recoil Optical Gun Kit with Rubber Hoses

45 CAL. OPTICAL GUN HALVES & PCB UPDATE KIT

- Update standard 45 Cal. optical guns to utilize the newest handle (Type II) and optic PCB design
- New handles have NO nuts, so disassembly and assembly of gun is easier. Threads are molded in the right hand side of the gun
- New optic PCB has innovative optic can holder that securely holds the optic in place and prevents breakage of optic legs due to shock
- Innovative “inductorless” optic sensor board for increased reliability and accuracy
- Kit contains the following items
  - Left plastic gun half (Type II) 96-0286-XX
  - Right plastic gun half (Type II) 96-0285-XX
  - New optic PCB with optic can holder 96-0066-200
  - Optic PCB screws (2) 43-0436-00, (1) 43-0562-00
  - Gun handle screws (5) 43-0095-00



96-0066-200 PCB



HARDWARE INCLUDED

SUZO HAPP

Note: This update kit will only work with steel hoses or Type II rubber hoses. It will NOT work with Type I rubber hoses

Part Number	Description
96-2600GK-10	Red Optical Gun Halves & PCB Update Kit
96-2600GK-12	Blue Optical Gun Halves & PCB Update Kit

45 CAL. OPTICAL GUN HALVES UPDATE KIT



- Updated Type II 45 Cal. optical guns
- Base of Handle now has three screws vs. only one in the original design
- The diameter of the internal bosses and chamfers has been increased for increased strength and durability
- The Wall thickness within the “recoil” solenoid area has been increased for improved strength
- The new improved version is identified by Revision “E” or higher. You can find this molded on the inside of the plastic gun halves
- Will not work with older Type I rubber hoses
- Kit contains the following items
  - -Left plastic gun half (Revised Type II) 96-0286-XX
  - -Right plastic gun half (Revised Type II) 96-0285-XX
  - -Gun handle screws (5) 43-0095-00
  - -Gun handle screws (2) 43-0336-00
  - -Gun handle nuts (2) 43-0094-00

Part Number	Description
96-0405-10K	Red Type II Optical Gun Halves Kit
96-0405-12K	Blue Type II Optical Gun Halves Kit
96-0405-13K	Green Type II Optical Gun Halves Kit
96-0405-17K	Orange Type II Optical Gun Halves Kit
96-0405-20K	Deep Purple Type II Optical Gun Halves Kit
96-0405-112K	Light Blue Type II Optical Gun Halves Kit
96-0405-119K	Pink Type II Optical Gun Halves Kit

GUN KIT FOR 29" BIG BUCK HUNTER OPTICAL PUMP ACTION SHOTGUN



- Contains: One 29" left gun half and one 29" right gun half
- Color: orange
- Made in USA

Part Number	Description
96-0455-00	Gun Kit for 29" Big Buck Hunter Optical Pump Action Shotgun

REPLACEMENT GUN HALVES FOR SEGA GHOST SQUAD



Part Number	Description
CTF-2101-00	Gun Half for Sega Ghost Squad (Left)
CTF-2102-01	Gun Half for Sega Ghost Squad (Right)

GUN HALF KIT FOR SEGA EXTREME HUNTING



Part Number	Description
96-0728-100	Gun Half Kit for Sega Extreme Hunting

SEGA 28" PUMP ACTION SHOTGUN WITH SPEAKER



- Used on Extreme Hunting 2 games
- Genuine Sega replacement part

Part Number	Description
99-50-324	Sega 28" Pump Action Shotgun with Speaker

REPLACEMENT GUN HALVES FOR SEGA

- Original factory replacements
- Used on most Sega gun games
- Available in red and blue
- Set includes left and right gun half



Part Number	Description
2535-5408	Sega Gun Half Set Red
2535-5407	Sega Gun Half Set Blue

SEGA UNIVERSAL GUN KIT

- Original OEM replacement
- Each includes one complete gun with one spare set of gun halves
- Used on House of Dead 2, Lost World Jurassic Park and Confidential Mission



Part Number	Description
999-0836	Sega Universal Gun Kit

SEGA GUN FOR HOUSE OF DEAD 3

- Original Sega component
- Complete gun assembly



Part Number	Description
HDT-2100-01	Sega Gun House of Dead 3

SPEAKER FOR SEGA 28" SHOTGUN

- Used on Extreme Hunting 2 Shotgun



Part Number	Description
130-5262P	Speaker for Sega 28" Shotgun

SEGA OPTICAL GUN HARDWARE KIT

- Kit contains the nuts and screws that will assemble most Sega optical guns



Part Number	Description
999-1486	Sega Optical Gun Hardware Kit

OPTIC GUN BOARD FOR SEGA

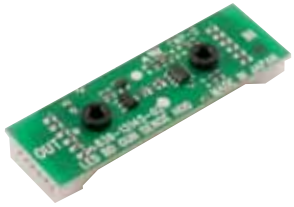
- Original OEM replacement
- Used on Virtua Cop and House Of Dead 1



Part Number	Description
838-11145	Optic Gun Board for Sega

LED GUN SENSOR BOARD FOR SEGA GAMES

- This sensor board is used games around the monitor to sense the gun position in Sega
- Used on the following games: Lost World & House of Dead 2
- 12 per game



Part Number	Description
838-13145	LED Gun Sensor Board for Sega Games

SEGA GUN SENSOR BOARD FOR 28" SHOTGUN

- Used on Extreme Hunting 2



Part Number	Description
837-14592	Sega Gun Sensor Board for 28" Shotgun

SEGA OPTICAL GUN SENSOR BOARD

- Used on Lost World and House of Dead

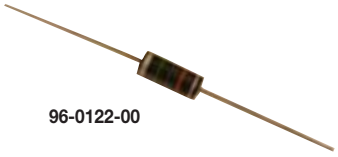


Part Number	Description
JPT-2030	Sega Optical Gun Sensor Board

REPLACEMENT PARTS FOR UNIVERSAL OPTICAL GUN BOARD



L14G1



96-0122-00

Part Number	Description
L14G1	Photo Transistor Sensor
96-0122-00	Inductor, 5.6 Millihenry

REPLACEMENT HOSE FOR SEGA GUN TYPE II

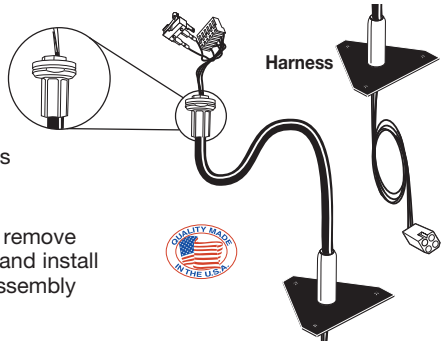


- Special design provides increased durability over the original Sega Type II gun hose assembly
- Includes hose, harness and rectangular mounting plate
- Easy to install, simply remove the original assembly and install the new Suzo-Happ hose assembly
- Made in USA

Part Number	Description
95-1600-00	Replacement Hose For Sega Gun Type II

REPLACEMENT HOSE FOR SEGA GUN TYPE I

- Special design provides increased durabilityover the original Sega Type I gun hose assembly
- Includes hose, harness and black triangle mounting plate
- Easy to install, simply remove the original assembly and install the new Happ hose assembly
- Made in USA

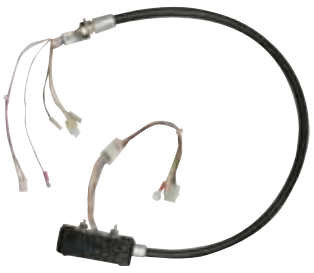


Part Number	Description
95-1595-00	Replacement Hose For Sega Gun Type I

REPLACEMENT HOSE ASSEMBLY FOR NAMCO

- Now with durable rubber hose
- Replaces the original hose assembly utilized on Namco Ninja Assault, Time Crisis I, Time Crisis II, Time Crisis III and Point Blank Guns
- Specialized design to provide increased strength over original design hose

  To install, simply remove old original Namco Gun hose and install new hose assembly



Part Number	Description
96-0546-00	Replacement Hose Assembly for NAMCO

REPLACEMENT HOSE FOR KONAMI MOCAP BOXING

- Special design provides increased durability over the original Konami assembly
- Includes hose, harness and swivel assembly
- Easy to install, simply remove the original hose assembly and install the new Suzo-Happ assembly
- Proudly made in the USA with durable rubber



Part Number	Description
95-1845-00	Replacement Hose for Mocap Boxing

NAMCO GUN LENS

- Original NAMCO lens
- Used on Time Crisis I, Time Crisis II and Point Blank

Part Number	Description
PB09-296-426	NAMCO Gun Lens

CCD CAMERA ASSEMBLY FOR NAMCO & KONAMI GUNS

- Used on the following games:
  - Namco Crisis Zone
  - Konami Hurricane
  - Terraburst



Part Number	Description
CZ-37-09328-00	CDC Camera Assembly for Namco & Konmai Guns

REPLACEMENT SOLENOID ASSEMBLY FOR NAMCO RECOIL GUNS



- This robust design will virtually eliminate service calls related to solenoid failure
- Slight modification of original gun halves required and the new unit simply fits into place
- 24vdc solenoid plug compatible
- For use in Time Crisis I, II, III, and Point Blank
- Made in USA

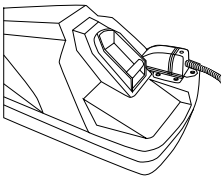
Part Number	Description
96-0452-00	Replacement Solenoid Assembly for Namco Recoil Guns

NAMCO GUN HOLSTER PROTECTION KIT

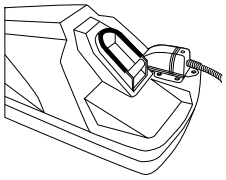


- Prevents premature failure of Namco gun parts due to guns contacting meta edge of gun holster
- Attractive black textured rubber surface protects guns from damage
- For use on Time Crisis I, Time Crisis II, Time Crisis III, Point Blank and Point Blank 2 games
- Easy to install kit includes components to protect two gun holsters

Before the Protector Kit is applied



After the Protector Kit is applied



Part Number	Description
96-2025-00	Namco Gun Holster Protector Kit

NAMCO GUN HARDWARE KIT

- Kit consists of the most common screws and nuts that used to assemble Namco guns



Part Number	Description
PB21-04904-00	Namco Gun Hardware Kit



REPLACEMENT NAMCO GUN HALVES

- Used on Namco Time Crisis and Point Blank Games
- Available in Pink or Blue



Part Number	Description
PB09-0343-0	Namco Left Gun Half, Pink
PB09-0343-1	Namco Right Gun Half, Pink
PB09-0343-3	Namco Right Gun Half, Blue
PB09-0345-2	Namco Left Gun Half, Blue

REPLACEMENT NAMCO GUN SLIDE HALVES

- Used on Namco Time Crisis and Point Blank Games
- Available in Pink or Blue



Part Number	Description
PB09-0342-6	Namco Left Gun Slide Half, Pink
PB09-0342-7	Namco Right Gun Slide Half, Pink
PB09-0342-8	Namco Left Gun Slide Half, Blue
PB09-0342-9	Namco Right Gun Slide Half, Blue

GUN SOLENOID FOR NAMCO POINT BLANK / TIME CRISIS



Part Number	Description
PB09-0040-56	Gun Solenoid for Namco

REPLACEMENT GUN HALVES FOR NAMCO

- Namco original components
- Used on Time Crisis 4 game
- Available in red or blue



Part Number	Description
TF091167400	Left Gun Half Red for Time Crisis 4
TF091167500	Right Gun Half Red for Time Crisis 4
TF091167700	Left Gun Half Blue for Time Crisis 4
TF091167800	Right Gun Half Blue for Time Crisis 4

NAMCO TIME CRISIS III GUN ASSEMBLIES

- Original Namco Components
- Available in Pink or Blue



Part Number	Description
PB03-03141-00	Time Crisis III Gun Assembly, Pink
PB03-03141-01	Time Crisis III Gun Assembly, Blue

REPLICA OPTIC GUN FOR TIME CRISIS GAMES

- Replica gun can used on Time Crisis I or II games
- Gun connections are identical to the original
- Available in black only
- Metal gun hose and harnessing included
- Will NOT work on Time Crisis III



Part Number	Description
96-2702-00	Replacement Optic Gun for Time Crisis Games (Black)

GUN HALVES FOR NAMCO CRISIS ZONE

- Original Namco components
- Left or right halves available



Part Number	Description
694-990	Left Gun Half for Namco Crisis Zone
694-991	Right Gun Half for Namco Crisis Zone

REPLACEMENT AMPLIFIED OPTIC SENSOR PCB FOR NAMCO RECOIL GUNS

- This unique amplified optic sensor circuit provides improved performance over the original version
- Amplification circuit allows game to function with older monitors that may have lost brightness due to age
- Replaces Namco sensor Part No. PB09-296-467
- Utilizes same optic sensor as standard Suzo-Happ guns L14G1
- For use in Time Crisis I, II, III, and Point Blank
- Made in USA



Part Number	Description
96-0454-00	Replacement Amplified Optic Sensor PCB for Namco Recoil Guns

GUN PARTS FOR RAW THRILLS BIG BUCK HUNTER PRO GUN

New

- Used on Big Buck Hunter Pro and Safari
- Not interchangeable with Suzo-Happ Guns (except for 96-0068-00 and 95-4142-10)



47-4457-00



47-4460-01



47-4460-02



47-4458-00

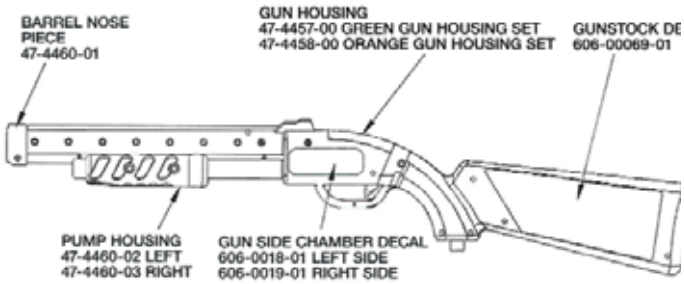


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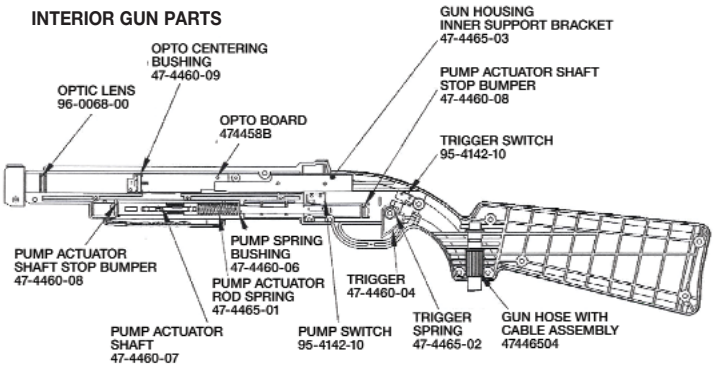


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EXTERIOR GUN PARTS



INTERIOR GUN PARTS

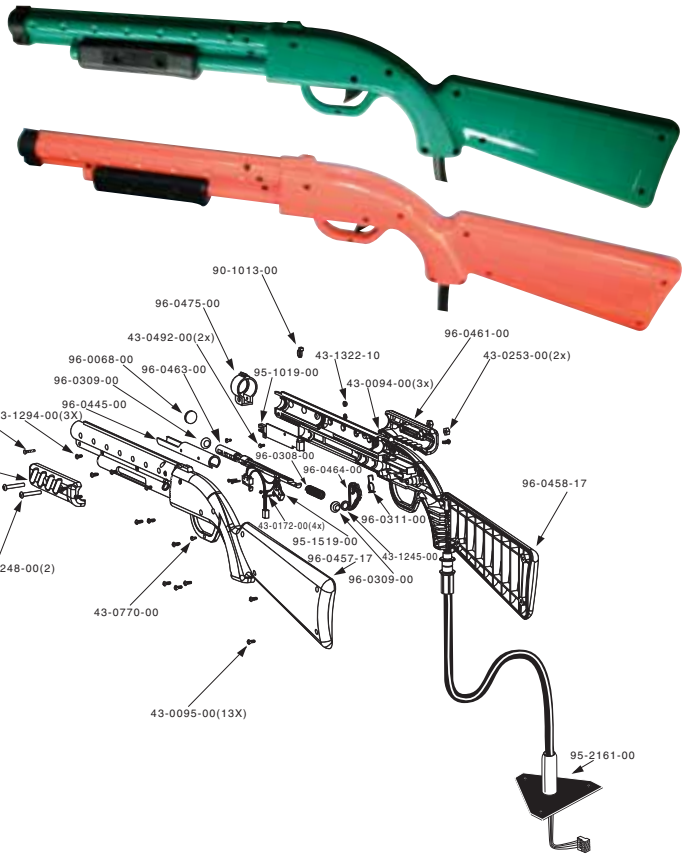


EXTERIOR	
Part Number	**Description**
47-4457-00	Gun Housing Green, Includes left & right half
47-4458-00	Gun Housing Orange, Includes left & right half
47-4460-01	Barrel Nose Piece
47-4460-02	Pump Housing Left
47-4460-03	Pump Housing Right
606-0018-01	Gun Side Chamber Decal Left Side
606-0019-01	Gun Side Chamber Decal Right Side
606-00069-01	Decal Set, Includes enough decals for 3 guns

INTERIOR	
Part Number	**Description**
96-0068-00	Optical Lens
47-4460-09	Opto Centering Bushing
474458B	Opto Board
47-4465-03	Gun Housing Inner Support Bracket
47-4460-08	Pump Actuator Shaft Stop Bumper
95-4142-10	Pump Switch
47446504	Gun Hose with Cable
47-4465-02	Trigger Spring
47-4460-04	Trigger
47-4460-06	Pump Spring Bushing
47-4465-01	Pump Actuator Rod Spring
47-4460-07	Pump Actuator Shaft
47-4460-08	Pump Actuator Shaft Stop Bumper

SUZO-HAPP 29" PUMP ACTION SHOTGUN FOR BIG BUCK HUNTER PRO

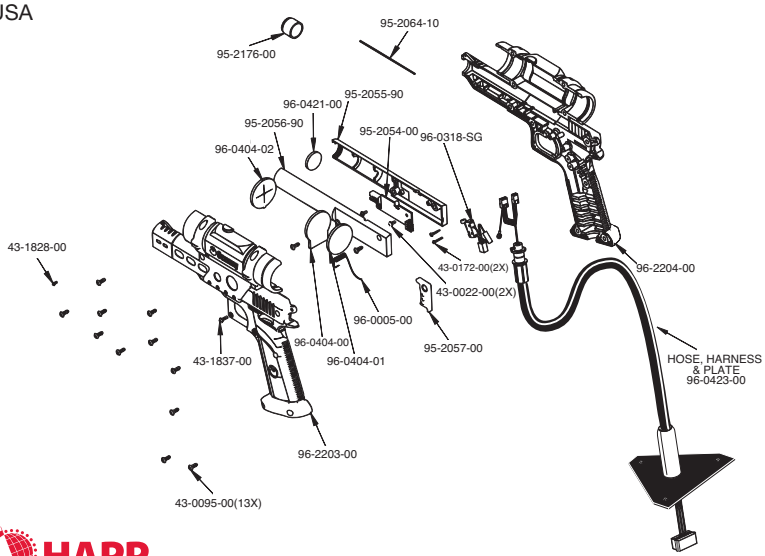
- Direct replacement for guns used on Raw Thrills Big Buck Hunter Pro with 6-pin rectangular connector
- Suzo-Happ Engineered and Manufactured, with the quality that you have come to expect
- Optic PCB has innovative optic can holder that securely holds the optic in place and prevents breakage of optic legs due to shock
- Guns are equipped with a standard 6-pin rectangular connector; if you gun has a 6-pin in-line connector, you must use 96-0843-00 harness adaptor
- Durable rubber hose
- Slide action pump gives realistic feel
- Available in two colors: Orange and Green
- Reliable Cherry microswitches
- Made in USA



Part Number	Description
96-0476-13	Suzo-Happ 29" Pump Action Shotgun, Green
96-0476-17	Suzo-Happ 29" Pump Action Shotgun, Orange
96-0843-00	Gun Harness Adaptor for Big Buck Hunter Pro for 6-pin In-line Connector

SAMMY SCOPE GUN

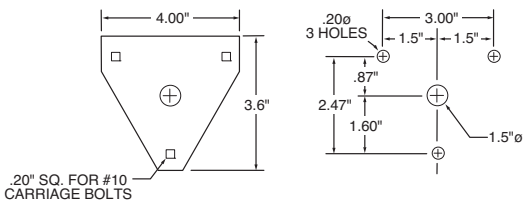
- Original OEM gun for American Sammy Sport Shooting game for ATOMISWAVE game system.
- Clear gun with red LED laser sight
- Durable rubber hose assembly
- Reliable optic PCB has innovative optic can holder that securely holds the optic in place and prevents breakage of optic legs
- Made in USA



SEGA-SAMMY



MOUNTING DIMENSIONS

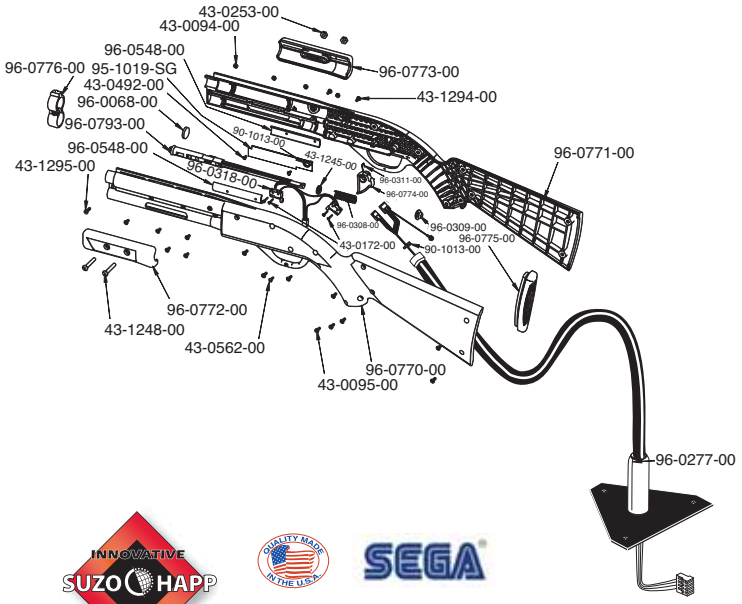


Part Number	Description
53-50-320	Sammy Scope Gun

AMERICAN SAMMY 27" PUMP ACTION SHOTGUN

- Made in USA
- Original OEM shotgun from American Sammy
- For use on the following American Sammy games:
  - Wing Shooting Championship
  - Turkey Hunting USA
  - Deer Hunting USA
- New optic PCB has innovative optic can holder that securely holds the optic in place and prevents breakage of optic legs due to shock
- Durable rubber hose, 57" length
- Reliable GOLD contact microswitch used for the trigger switch
- Color: Orange
- Slide action pump gives realistic feel
- Easier disassembly and assembly of gun via brass inserts inside gun, no nuts
- Holster clip set (sold separately) 43-50-303, Shown on pg. 198





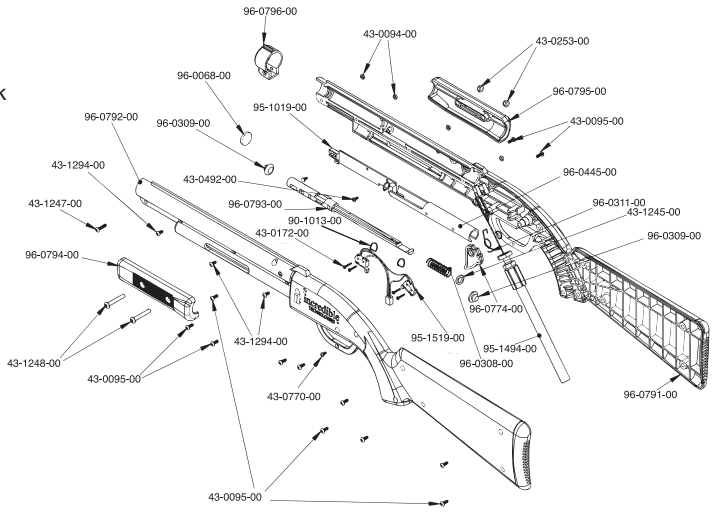
SEGA-SAMMY

Part Number	Description
99-50-310	27" Pump Action Shotgun

INCREDIBLE TECHNOLOGIES 29" PUMP ACTION SHOTGUN

- Made in USA
- Original OEM shotgun from Incredible Technologies used on Big Buck Hunter
- New optic PCB has innovative optic can holder that securely holds the optic in place and prevents breakage of optic legs due to shock
- Durable rubber hose, 57" length
- Reliable GOLD contact microswitchused for the trigger switch
- Color: Orange
- Slide action pump gives realistic feel
- Easier disassembly and assembly of gun via brass inserts inside gun, no nuts
- Holster clip (sold separately) 750000075-KIT

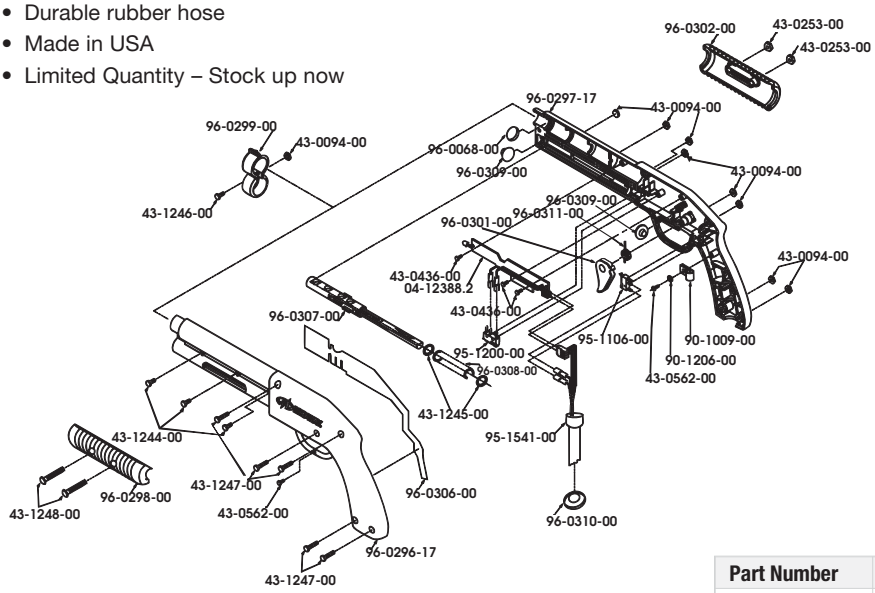




Part Number	Description
900890234R	29" Pump Action Shotgun
750000075-KIT	Black Plastic Gun Clip for Big Buck Hunter

REPLACEMENT SHOTGUN FOR MIDWAY CARNEVIL

- Will replace original Midway Carnevil shotgun
- Orange gun with black pump action handle
- New innovative “inductorless” optic sensor board for increased reliability and accuracy
- Overall length 14"
- Durable rubber hose
- Made in USA
- Limited Quantity – Stock up now





Part Number	Description
96-0500-00	Replacement Carnevil Shotgun

HOLSTER SET FOR 27" SAMMY SHOTGUN

- Set contains two heavy duty metal clips
- Black powder coated
- All mounting hardware included
- Requires drilling of four holes



Part Number	Description
43-50-303	Holster set for 27" Sammy Shotgun
750000075-KIT	Holster set for 29" Incredible Technologies Pump Action Shotgun

SUZO-HAPP OPTICAL GUN PROTECTOR KIT

- Works will all Suzo-Happ .45 Cal optical guns
- Protects end of optic gun against breakage
- Made from ABS plastic



Part Number	Description
96-0858-00	Suzo-Happ Optical Gun Protector Kit

GUN HOLSTERS



96-0750-16



96-0676-00



96-0125-00

Part Number	Description
96-0750-16	Gun Holster for 45 Optical Gun, Black
96-0676-00	Gun Holster for Optical Sub machine Gun, Black
96-0125-00	Gun Holster for Space Gun, Black



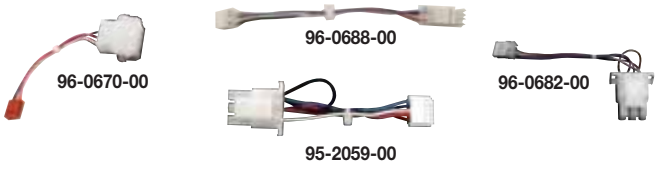
OPTICAL GUN & PCB TESTER



- Improved version!
- A must for all operators and technicians!
- Easy and economical
- Tests all Suzo-Happ optical guns and PC boards
- Can also be used to test Incredible Technologies and American Sammy optical guns
- Hand held device tests both the optical PCB and the complete gun assembly
- Simply plug in and press the test button – indicator light tells you if board is good or bad
- Additional harness now included that will test the optics on Recoil Guns, but not the coil

Part Number	Description
96-0256-00	Optical Gun and PCB Tester

ADAPTER HARNESS

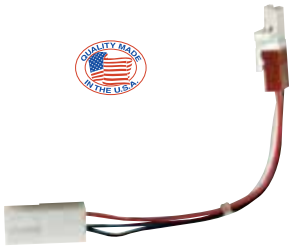


- Gun adaptor harness allows optical gun to be easily adapted to other games
- Simply plug gun into adapter and then plug into game cabinet harness

Part Number	Adapts From	Adapts To
96-0670-00	Suzo-Happ Gun	Atari Area 51, Maximum Force & Site 4 Games
96-0688-00	Suzo-Happ Gun	Zero Point Game
96-0682-00	Atari Area 51 Maximum Force Games	Suzo-Happ Gun
95-2059-00	Adapter Harness Carnevil Gun	Crypt Killer

HARNESS ADAPTER

- Allows Suzo-Happ Optic Guns to be uses on Sega games
- Can be used on Virtua Cop, Virtua Cop 2, House of Dead 1
- Will not work on Lost World or House of Dead 2
- Suzo-Happ exclusive product

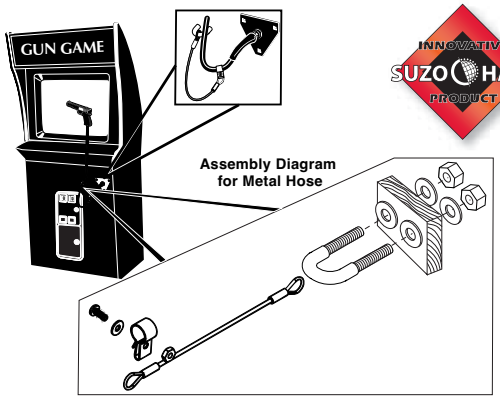


Part Number	Description
96-0459-00	Harness Adapter

GUN $AVER HOSE CLAMP KIT

- Prevents gun breakage due to the guns being dropped on the floor
- Helps prevent the guns from causing damage/scratching to the Plexiglas in front of the monitor when being hit with front of guns
- Works for both metal and rubber hoses
- Simple to install on almost any cabinet
- Comes with Installation Instructions & Template





Part Number	Description
96-0290-00	Gun $aver Optic Gun Hose Clamp Kit

TORX® TAMPER-RESISTANT WRENCH AND SECURITY SCREWS FOR OPTIC GUNS



Part Number	Description
49-0452-00	Torx® Tamper-Resistant T-10 Wrench For Optic Guns
43-0095-00	T-10 Torx® Tamper-Resistant Screw

OPTICAL GUN HARDWARE KITS

- Have you lost some of the hardware when you took apart your optical guns? Suzo-Happ provides you with a solution, with our new Optical Gun Hardware Kits
- Kits contain all the screws and nuts (where required) to re-assemble you optical guns
- Keep several kits on hand

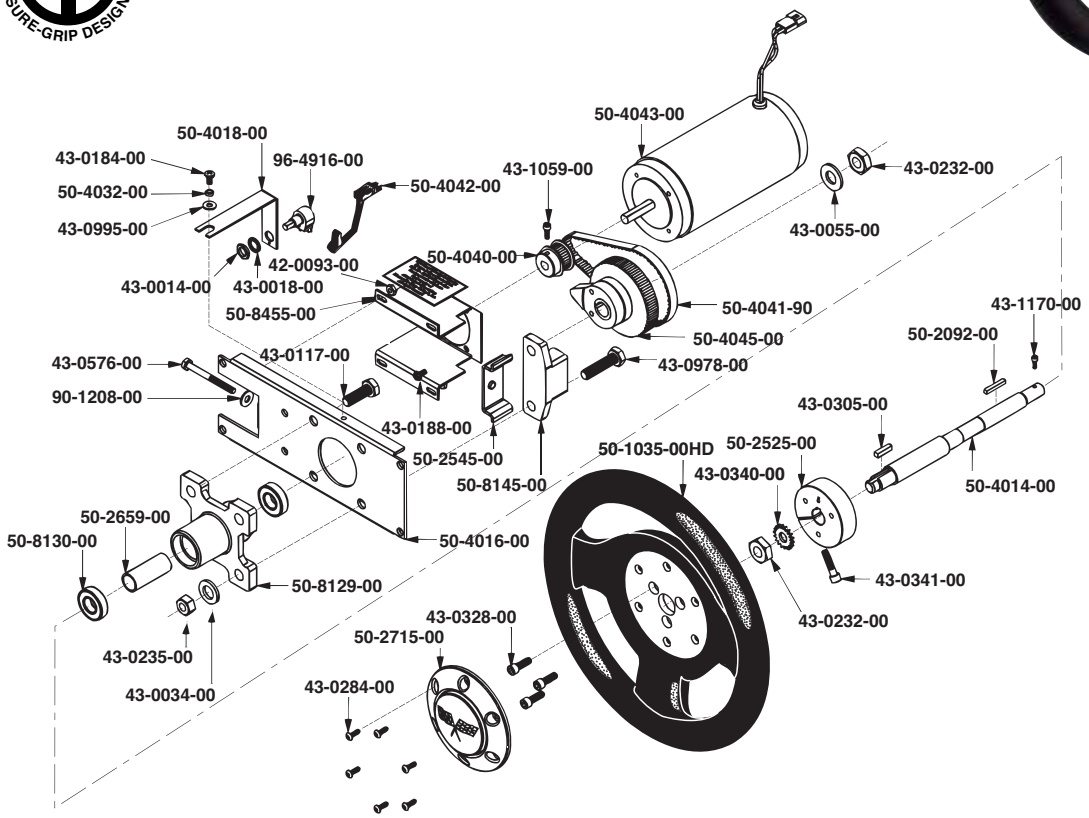


Part Number	Description
43-1888-00K	Hardware Kit – Suzo-Happ Type I Gun
43-1887-00K	Hardware Kit – Suzo-Happ Type II Gun
43-1891-00K	Hardware Kit – Midway Carnevil Gun American Sammy Deer Hunter Short 14" Gun/Incredible Technology Big Buck Hunter 29" Gun
43-1890-00K	Hardware Kit – American Sammy Deer Hunter 27" Gun
43-1314-00K	Hardware Kit – Sega Gun

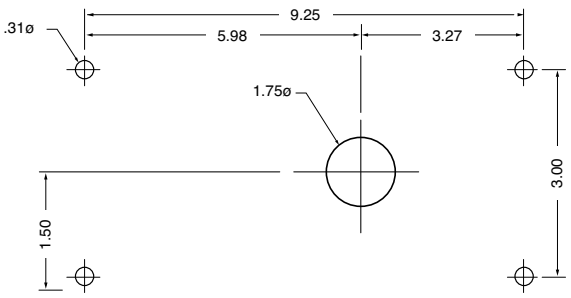
270° ACTIVE STEERING WHEEL ASSEMBLY

- 270° wheel assembly fitted with a strong DC motor to provide realistic feel and feedback
- Requires signals from game board to operate
- Black cap with checkered flag logo fitted as standard
- Not intended to connect to a PC
- Optional Control Board available (50-2000-02)

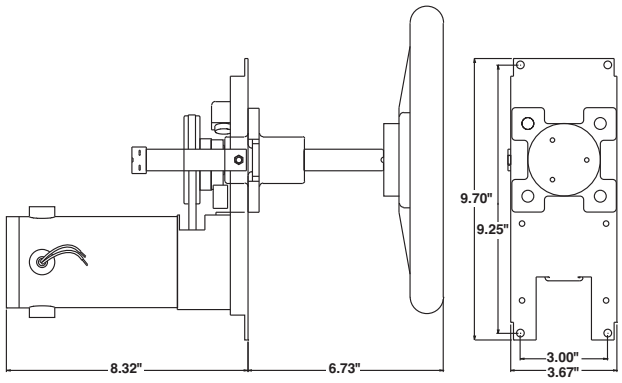




MOUNTING DIMENSIONS



OVERALL DIMENSIONS

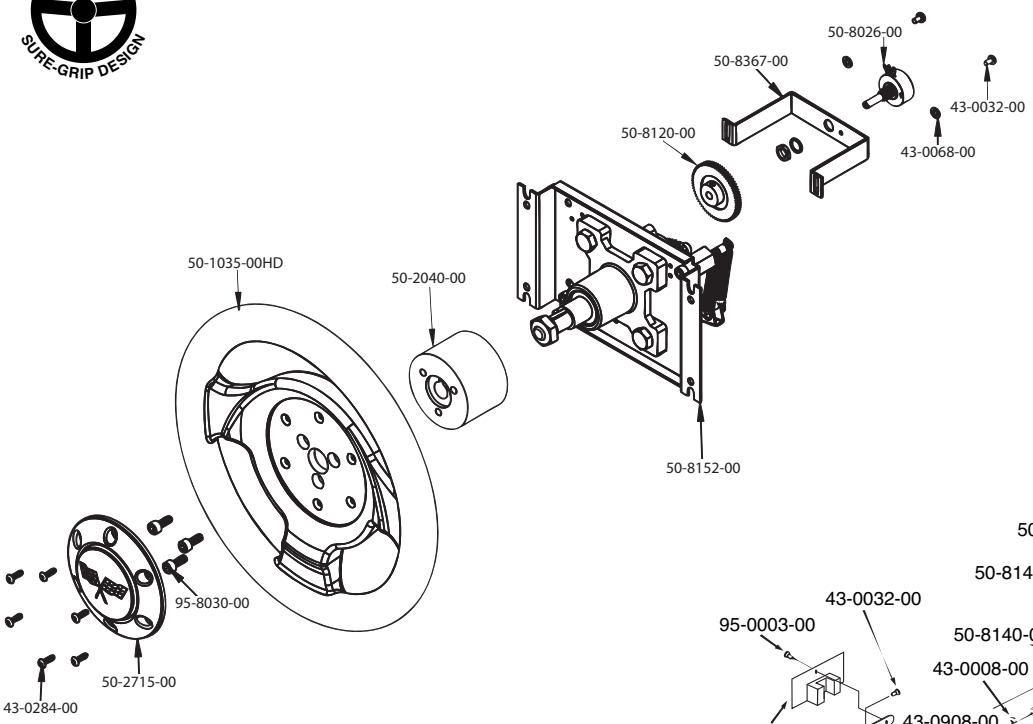


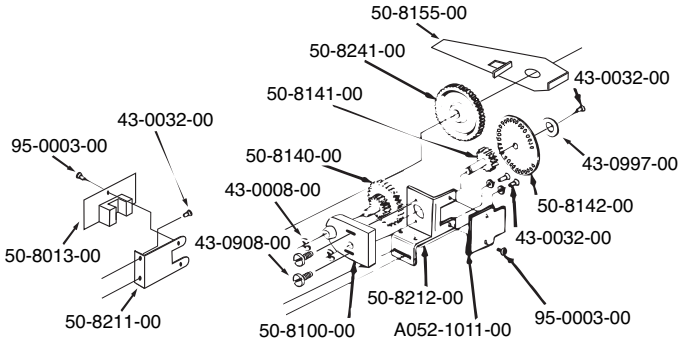
Part Number	Description
50-0102-08S	270° Active Steering Wheel Assembly

270º STEERING WHEEL

- New innovative “Sure-Grip” design gives better control and feel
- Molded durable black rubber hoop with checkered flag cap
- Ball bearing construction
- Potentiometer control or encoder PCB
- Standard mounting
- Heavy-duty construction
- Black cap with checkered flag logo fitted as standard

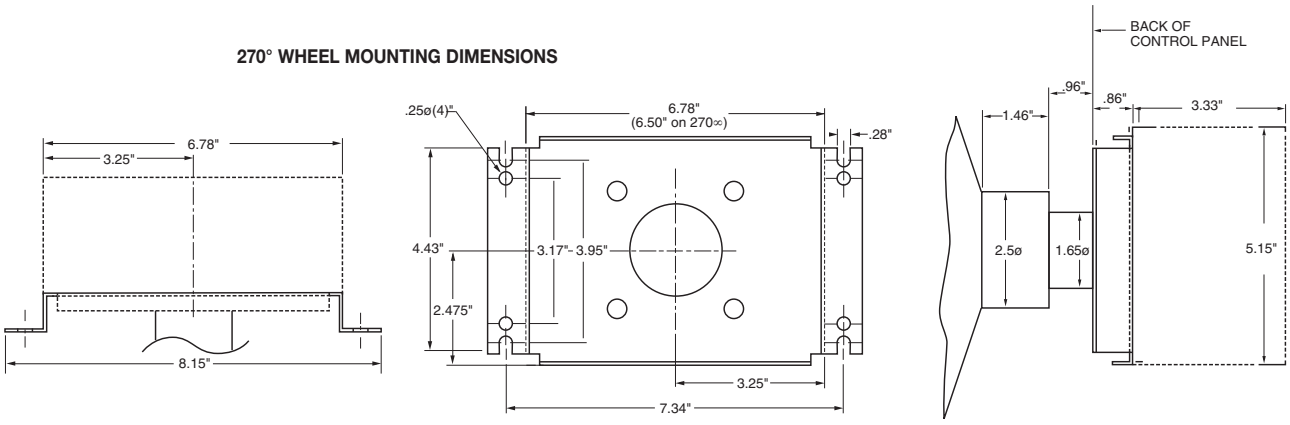






For 50-2836-00
270° Steering Wheel with Dual Optical PCB

270° WHEEL MOUNTING DIMENSIONS



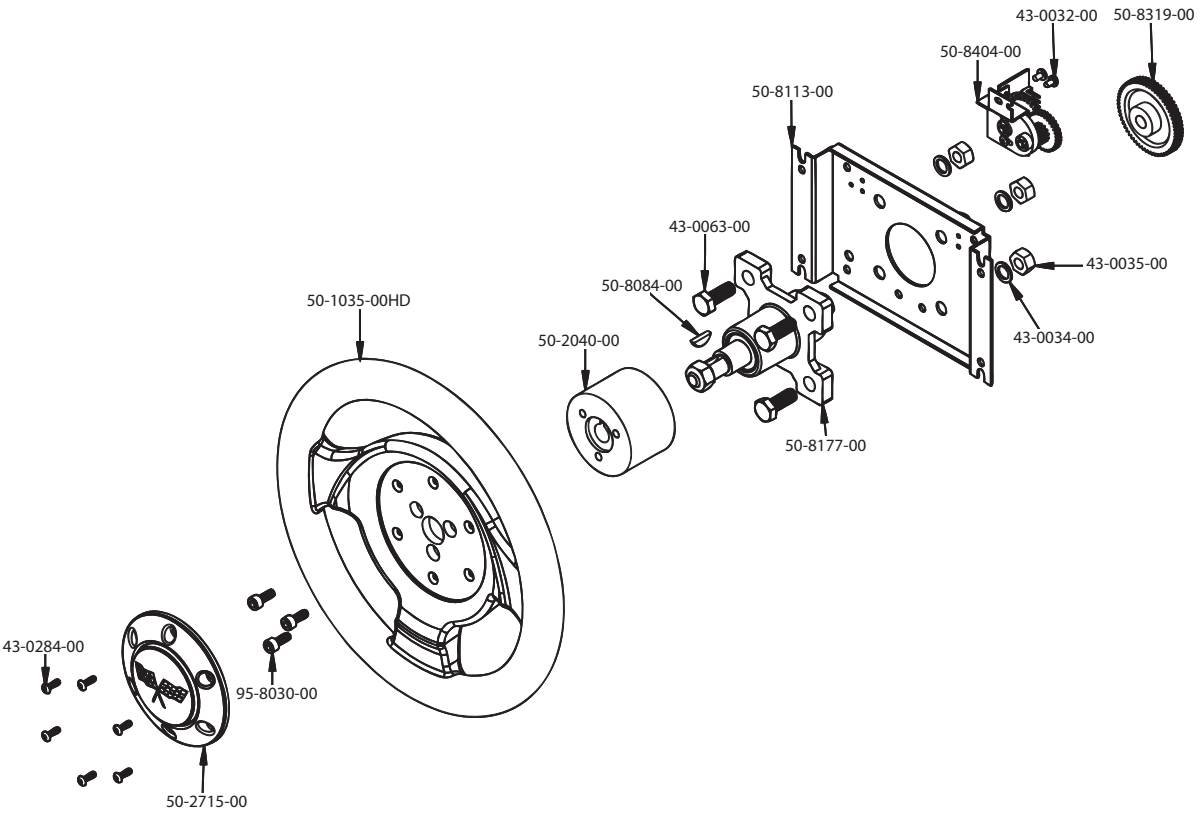
Part Number	Description
50-2838-00	270° Steering Wheel with Pot

360° STEERING WHEEL ASSEMBLY

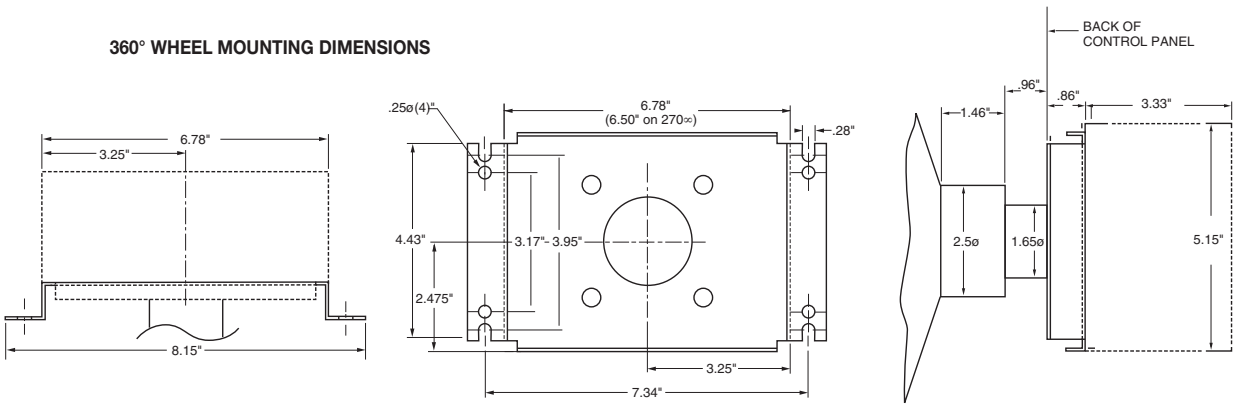
- New innovative “Sure-Grip” design gives better control and feel
- Molded durable black rubber hoop with checkered flag cap
- Ball bearing construction
- Optical control
- Standard mounting
- Heavy duty construction
- Black cap with checkered flag logo fitted as standard

SURE-GRIP DESIGN





360° WHEEL MOUNTING DIMENSIONS



Part Number	Description
50-2837-00	360° Steering Wheel

REPLACEMENT STEERING WHEEL ASSEMBLIES

SURE-GRIP DESIGN

- New innovative “Sure-Grip” design allows better control and feel
- Molded durable black rubber
- 11.4" diameter
- Includes black plastic checkered flag cap and screws



Part Number	Description
50-2844-00	Sure-Grip Design

USA DESIGN

- Simulated leather look
- Molded durable hard black plastic
- 11.2" diameter
- Includes black plastic checkered flag cap and screws



Part Number	Description
50-2845-00	USA Design

EUROPEAN DESIGN

- European inspired design
- Simulated leather look
- Molded in durable hard black plastic
- 10.3" diameter
- Bigger cap included
- Includes black plastic cap



Part Number	Description
50-2846-00	European Design

ORIGINAL DESIGN

- Molded durable hard black plastic
- 10.6" diameter
- Includes black plastic cap

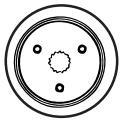


Part Number	Description
50-2843-00	Original Design

REPLACEMENT FOR DAYTONA

- New innovative “Sure-Grip” design gives better control and feel
- Molded durable black rubber
- Simply slides over existing spline main shaft of steering wheel
- 11.4" diameter
- Includes black plastic checkered flag cap and screws





Rear View of Hub

Part Number	Description
50-3000-10	Replacement for Daytona

REPLACEMENT 2-PIECE STEERING SHAFT FOR SEGA

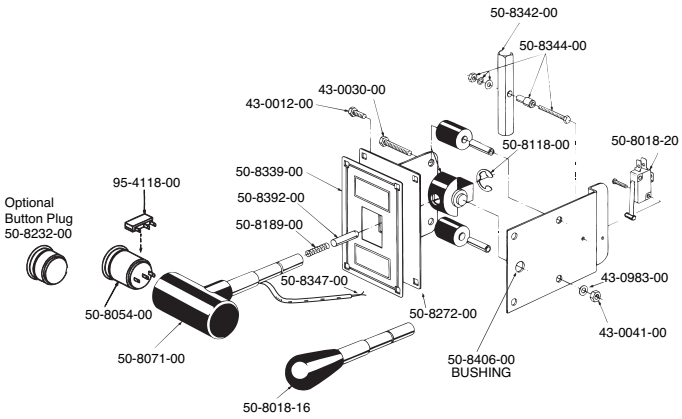


- Used on Sega Daytona II Deluxe & Sega Super GT Deluxe
- Spline shaft on front for attaching steering wheel
- Unique 2-piece design allows you in the future the ability to replace only the front (95-1652-00) or rear (95-1651-00) shaft
- Made in USA

Part Number	Description
95-1653-00	Two-Piece Steering Rod Assembly for Sega
95-1652-00	Front Shaft for Steering Assembly
95-1651-00	Rear Shaft for Steering Assembly

TURBO SPEED SHIFTER

- High-Low Speed Shift has microswitch in handle actuated by large diameter pushbutton to enable Turbo feature



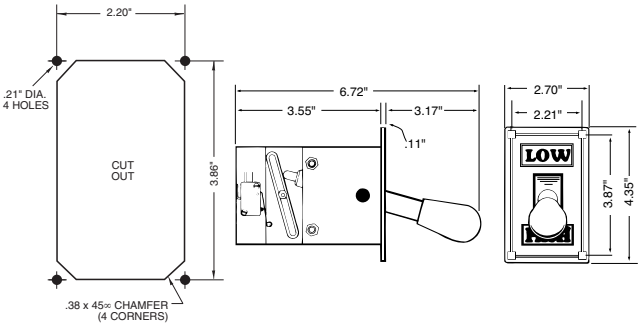


Part Number	Description
50-8017-00	Turbo Speed Shifter

SPEED SHIFTER

- Knob molded onto steel shaft
- Microswitch operation
- 2 position

MOUNTING DIMENSIONS FOR SHIFTER WITH STANDARD HANDLE

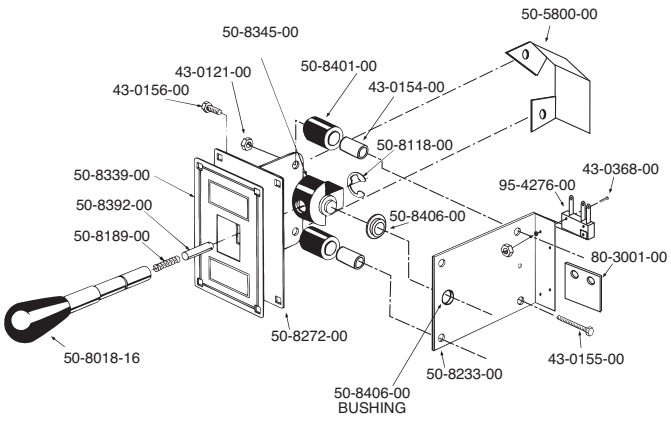




Part Number	Description
50-8018-00	Speed Shifter

UP/DOWN SHIFTER

- For multi-speed applications
- Makes switch contact in low and in high position and returns to center
- Handle available with or without thumb switch





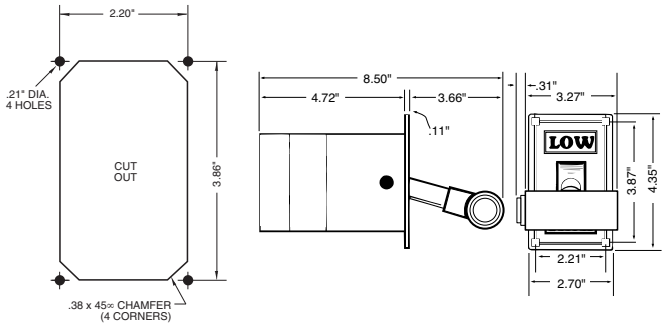
Part Number	Description
50-8110-00	Up/Down Shifter

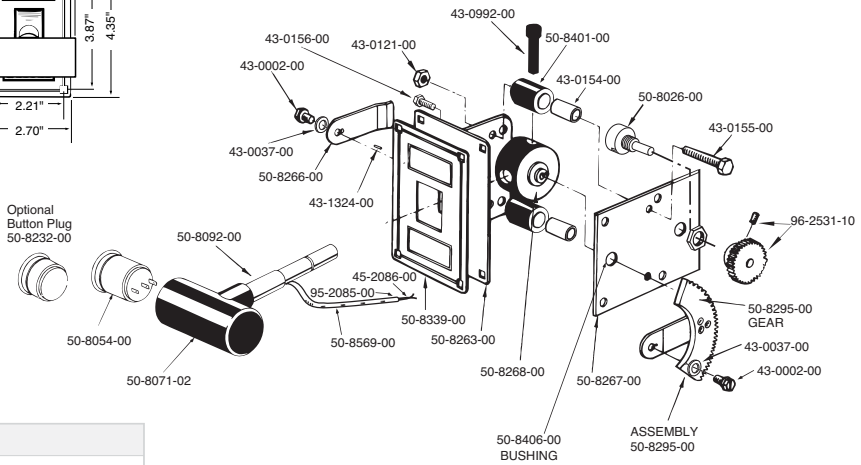
TURBO THROTTLE

- Produces 0 to 5k ohm signal proportional to lever position
- Lever has friction to remain where last set
- High-Low Speed Shift has microswitch in handle actuated by large diameter pushbutton to enable Turbo feature



MOUNTING DIMENSIONS FOR SHIFTER WITH TURBO HANDLE





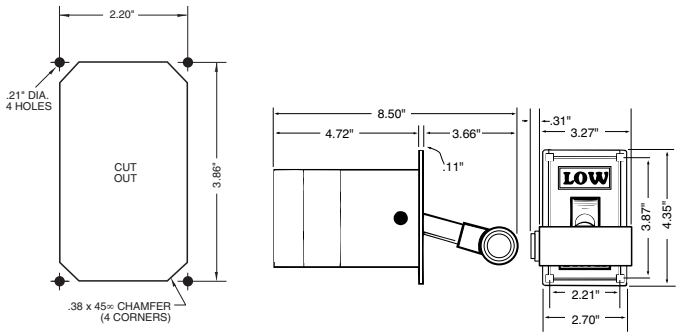
Part Number	Description
50-8184-00	Turbo Throttle with 5k Pot

TURBO THROTTLE RETURN TO CENTER

- Produces 0 to 5k ohm signal proportional to lever position
- Available with or without thumb switch



MOUNTING DIMENSIONS FOR TURBO THROTTLE RETURN TO CENTER

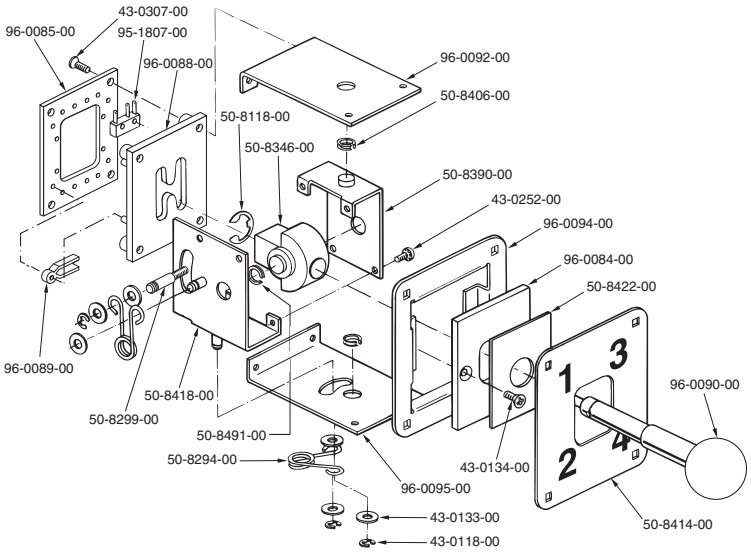


Part Number	Description
50-0242-00	Turbo Throttle Return to Center

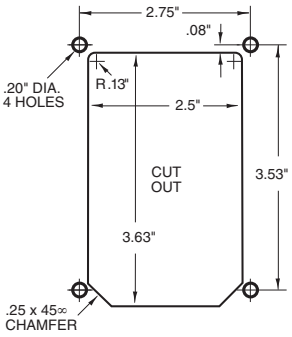
4-SPEED SHIFTER

- 4-speed gated shifter
- Black insert molded shift knob
- 4 gold contact CHERRY microswitches





MOUNTING DIMENSIONS FOR 4-SPEED SHIFTER

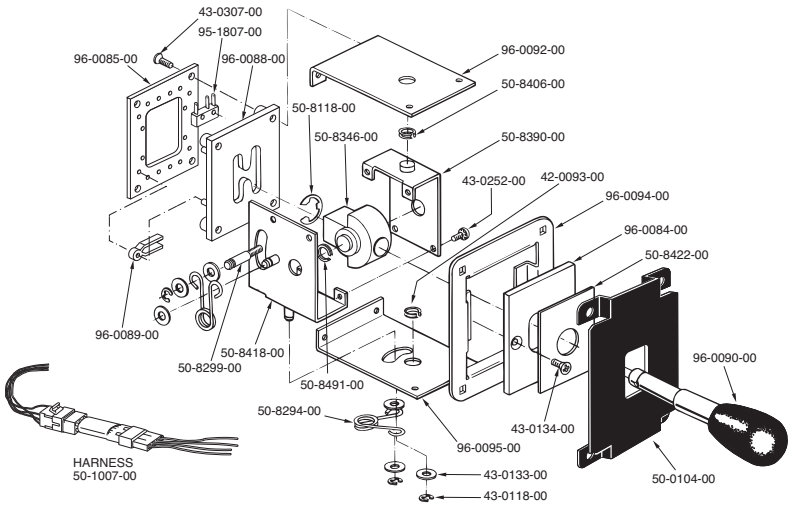


Part Number	Description
50-8496-00	4-Speed Shifter

DAYTONA REPLACEMENT SHIFTER

- 4 speed gated shifter
- Black insert molded shift knob
- 4 gold contact CHERRY microswitches
- Durable replacement control for SEGA sitdown Daytona game
- Complete with mounting plate and wire harness for both USA and Japan type Daytona Game



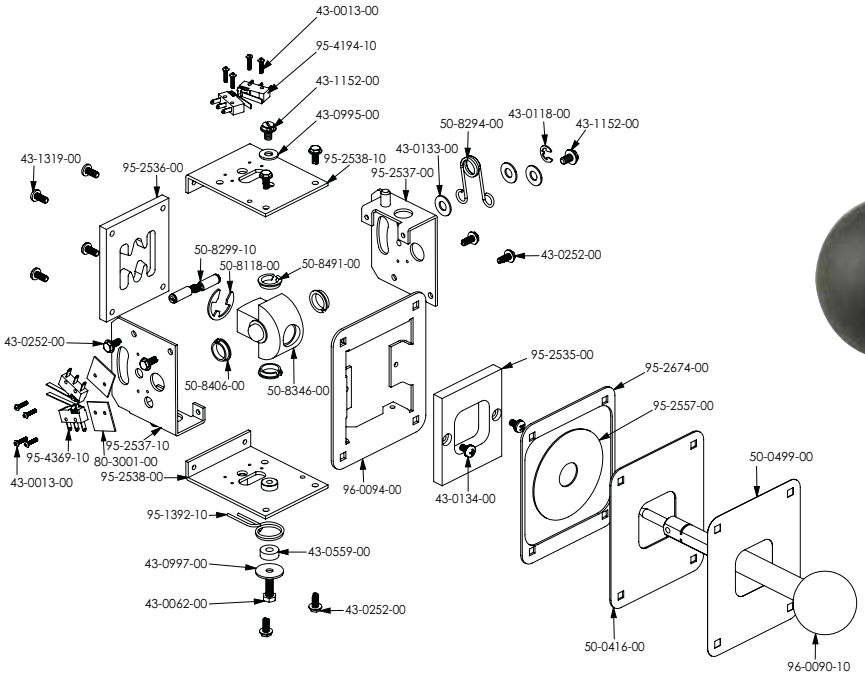


Part Number	Description
50-8500-00	Daytona Replacement Shifter

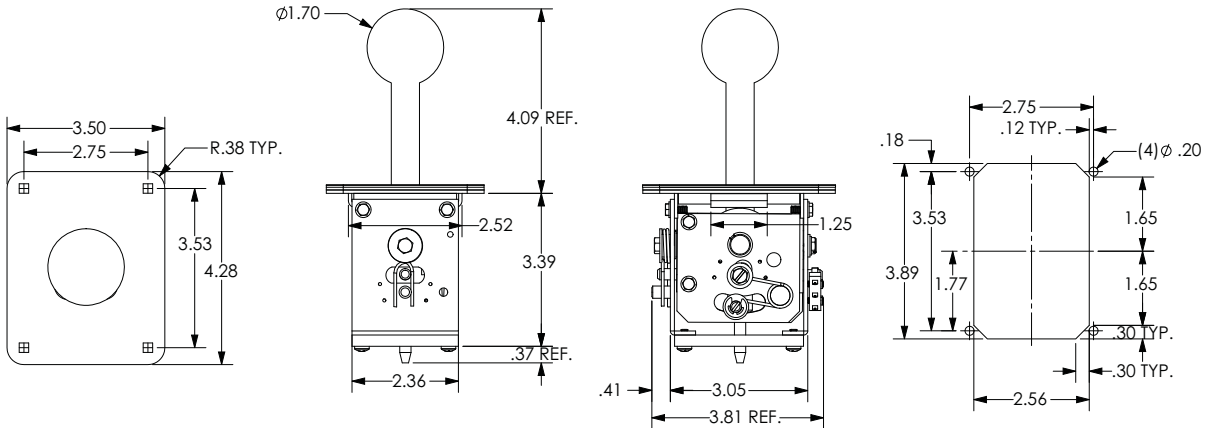
6-SPEED SHIFTER

- 6-speed gated shifter
- Black insert molded shift knob
- Microswitch actuation





MOUNTING DIMENSIONS



Part Number	Description
50-0414-40	6-Speed Shifter

REPLACEMENT POTENTIOMETERS



96-4916-00 VG75-05464-00 220-5373 50-2670-00

Part Number	Description
VG75-05464-00	Replacement 1K Pot Namco 40º Namco Ref. VG75-05464-00
VG75-03824-00	Replacement 1K Pot Namco 60º Namco Ref. VG75-03824-00
220-5373	Replacement 5K Pot Sega
96-4916-00	Replacement 5K Long Life Pot .50" Shaft Namco Ref. VG80-02975 WMS Ref:5014-12909-00
50-8026-02	Replacement 5K Pot .750" Shaft Namco Ref. AC75-04425-00
50-8056-00	Replacement 5K Pot 7/8" Shaft
50-8026-00	Replacement 5K Pot 1.125" Shaft Namco Ref. VG75-06089-00
50-2670-00	Replacement 5K NEI (Sensorcube) with Connector
50-2064-00	Replacement 5K Pot for Suzo-Happ Joysticks "S" Taper, 3/4" Shaft
50-2032-00	Replacement 100K Pot for Suzo-Happ Joysticks "S" Taper, 3/4" Shaft
50-0153-00	Replacement 100K Pot for Suzo-Happ Steering Wheels

ACTUATOR SPRING FOR 4-SPEED SHIFTER

- Used on Suzo-Happ 4-speed shifters (50-8496-00)
- Hardened formed steel



Part Number	Description
96-0089-00	Actuator Spring for 4-Speed Shifter

MICROSWITCH

- For individual replacement of switches for Pinball Switches, 4-Speed Shifters
- High CHERRY Quality switch
- DA3 .110 terminal, Gold Contact, 90 Gram (standard) actuating force
- Switch color: Black



CHERRY

Part Number	Description
95-4118-90	Microswitch

REPLACEMENT SCREWS FOR ATTACHMENT HOOP TO HUB



Part Number	Description
43-0328-00	Replacement Screws For Attachment Hoop To Hub

SEAT FOR MIDWAY ARCTIC THUNDER

- Original OEM seat
- Blue molded plastic with Midway logo
- Used on Midway Artic Thunder cabinets
- Made in USA



MIDWAY

Part Number	Description
04-12950	Seat for Arctic Thunder

LONG ARM SWITCH WITH ROLLER ACTUATOR

- Used on Suzo-Happ shifters
- 10 amps
- 125/250 volts
- .250 terminals



Part Number	Description
50-8018-20	Long Arm Switch with Actuator

HANDLE GRIP FOR ARTIC THUNDER

- Original OEM grip for Midway Artic Thunder
- Black rubber with knurled surface
- 5" long, fits 1" diameter shaft



MIDWAY

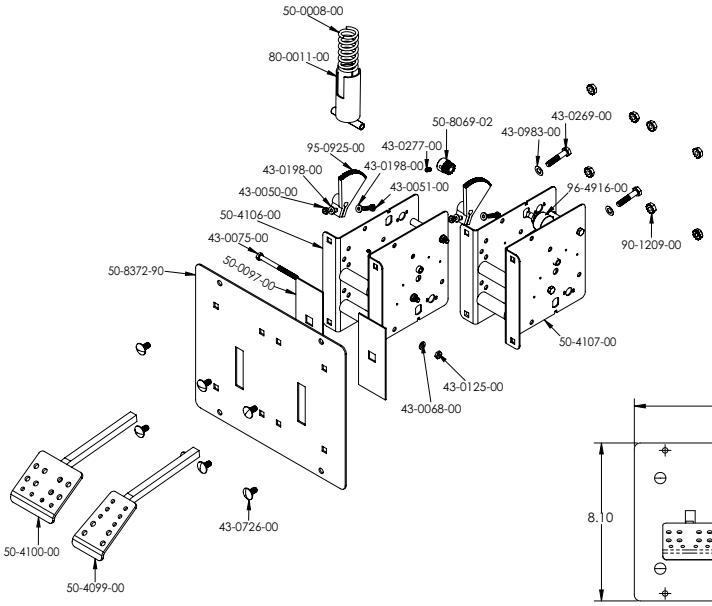
95-1457-00

Part Number	Description
95-1457-00	Handle Grip for Artic Thunder
VG96-08778-00	Rubber Grip Black Pair NAMCO
95-1101-00	Rubber Grip Handle, 2 per pack for Super Bike, Sold per pack

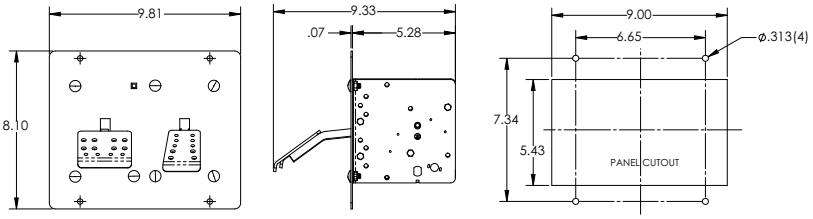
DUAL PEDAL – CHROME PERFORATED PEDALS

- Durable steel construction
- Pedals are chromed and perforated for an updated look
- 5k potentiometers or microswitch versions available





MOUNTING DIMENSIONS

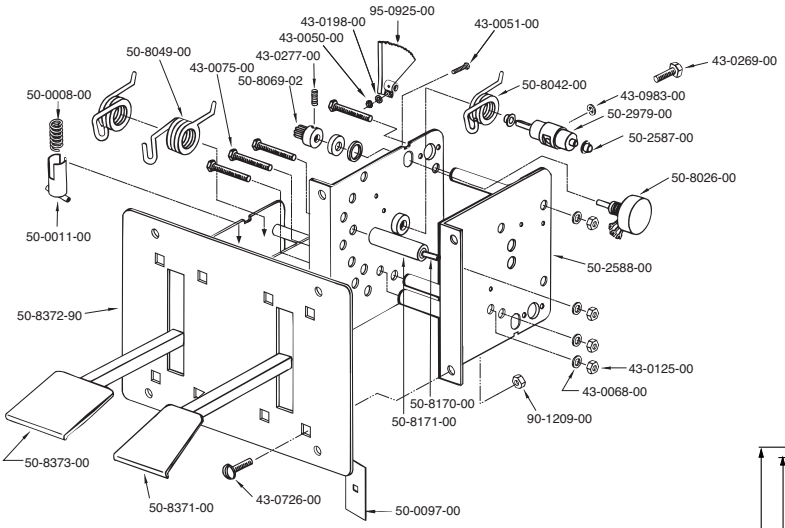


Part Number	Description
96-0880-00	Dual Pedal Chrome Perforated Pedals, 5k Pot on gas and switch on brake, no harness
50-0413-00	Dual Pedal Chrome Perforated Pedals, 5k Pot on both gas & brake, with harness

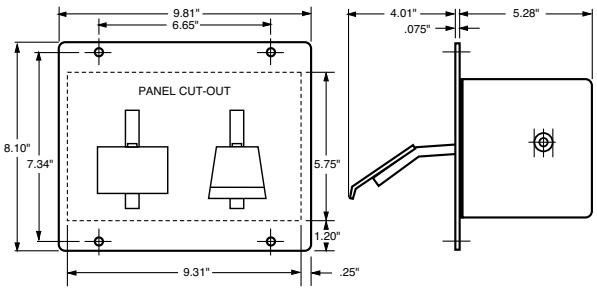
DUAL PEDAL

- Steel Construction
- 5K potentiometers or microswitch versions available





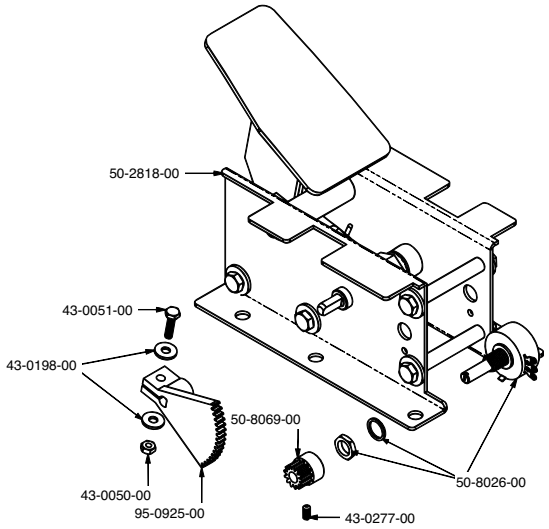
MOUNTING DIMENSIONS

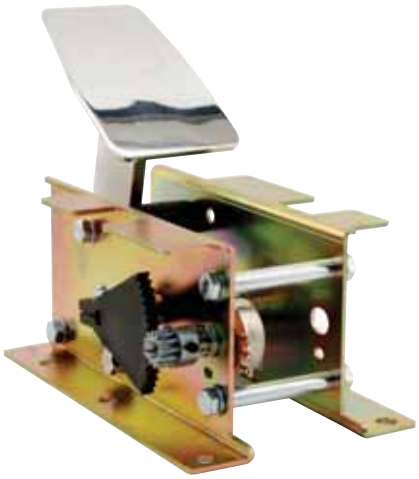


Part Number	Description
50-2978-00	Dual Pedal with Dual 5k Pots
50-2661-10	Dual Pedal with Microswitches

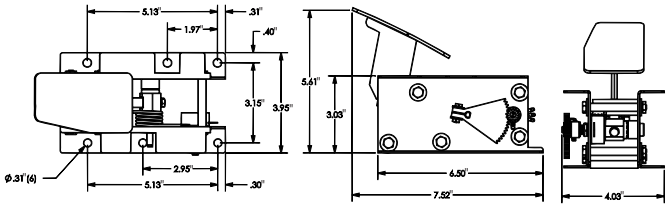
GAS PEDAL - FLOOR MOUNT

- Floor mount
- Allows for realistic driving simulation
- Steel construction
- With 5k potentiometer





MOUNTING DIMENSIONS

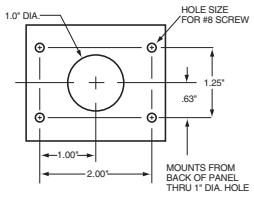


Part Number	Description
50-2828-00	Gas Pedal - Floor Mount

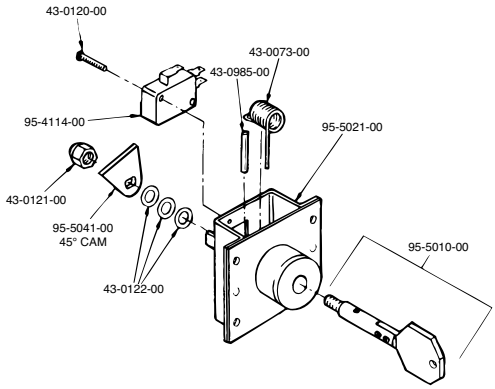
KEY SWITCH

- Simulates automobile ignition switch
- Durable steel construction
- Ideal for any driving game

MOUNTING DIMENSIONS







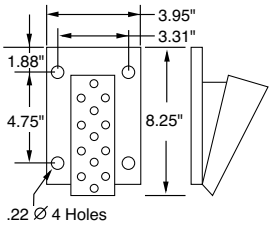
Part Number	Description
50-6003-00	45° Key Switch

MODULAR PEDAL

- Steel construction
- With microswitch or with 5k potentiometer
- Suitable for exposed location



MOUNTING DIMENSIONS

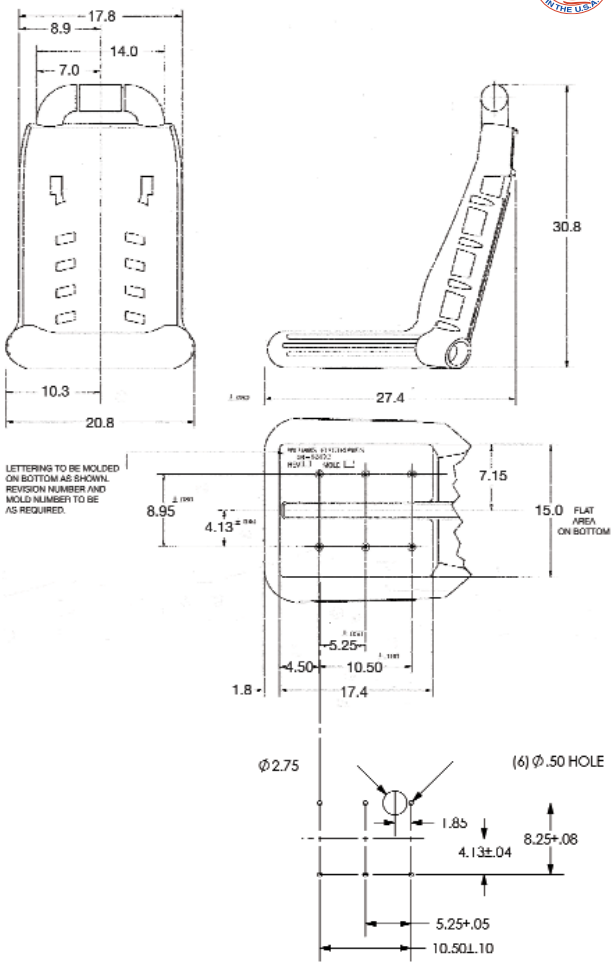


Part Number	Description
50-8194-00	Modular Pedal with Microswitch
50-8194-02	Modular Pedal with 5K Potentiometer

MOLDED SEAT FOR MIDWAY CRUIS'N WORLD AND OFFROAD CHALLENGE

- Original Midway seat for Cruis'n World and Offroad Challenge
- Made of durable molded plastic
- Color: Black
- Made in USA
- Dimensions:
  33.8" H x 27.4" D x 20.6" W





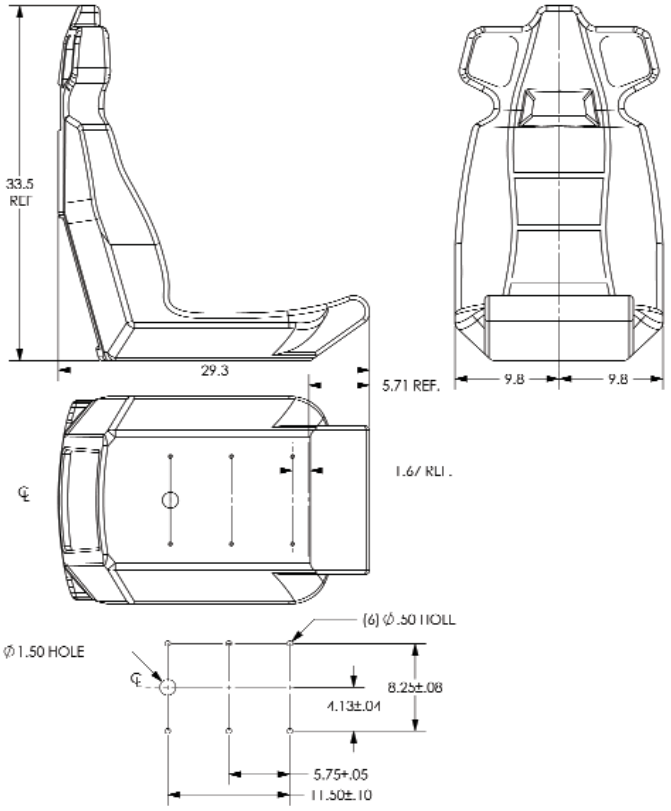
Part Number	Description
04-10173	Molded Seat for Midway Cruis'n World and Offroad Thunder

MOLDED SEAT FOR MIDWAY HYDROTHUNDER

- Original Midway seat for Hydrothunder
- Made of durable molded plastic
- Color: Teal
- Made in USA
- Dimensions:
  33.5" H x 29.13" D x 19.54" W



MOUNTING DIMENSIONS



Part Number	Description
04-11100	Molded Seat for Midway Hydrothunder

MOLDED SEAT FOR MIDWAY CRUIS'N EXOTICA

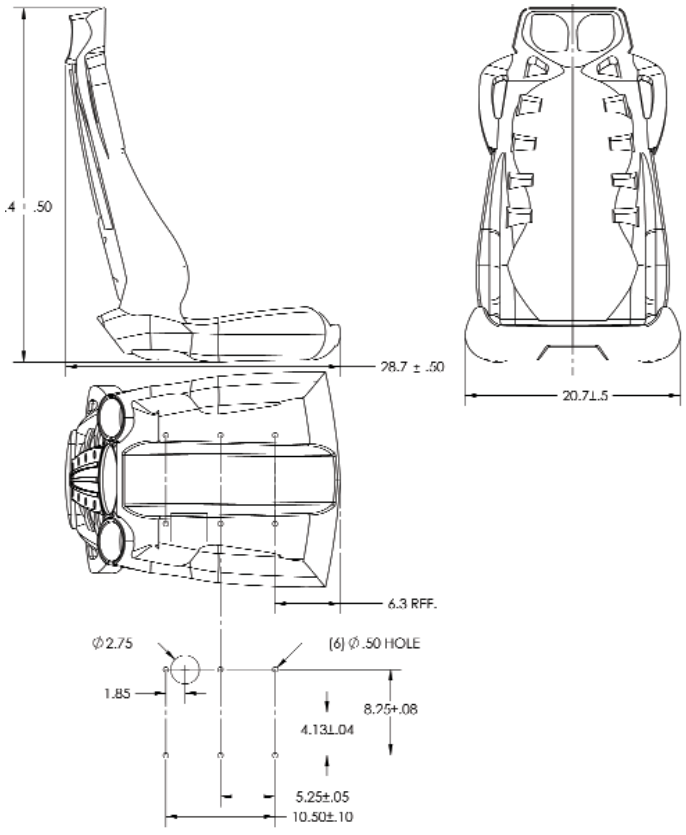
- Original Midway seat for Cruis'n Exotica
- Made of durable molded plastic
- Color: Black
- Made in USA
- Dimensions:
  34.38" H x 28.7" D x 20.7" W



MIDWAY

QUALITY MADE IN THE U.S.A.

MOUNTING DIMENSIONS



Part Number	Description
04-12452-4	Molded Seat for Midway Cruis'n Exotica

MOLDED SEAT FOR MIDWAY CRUIS'N EXOTICA

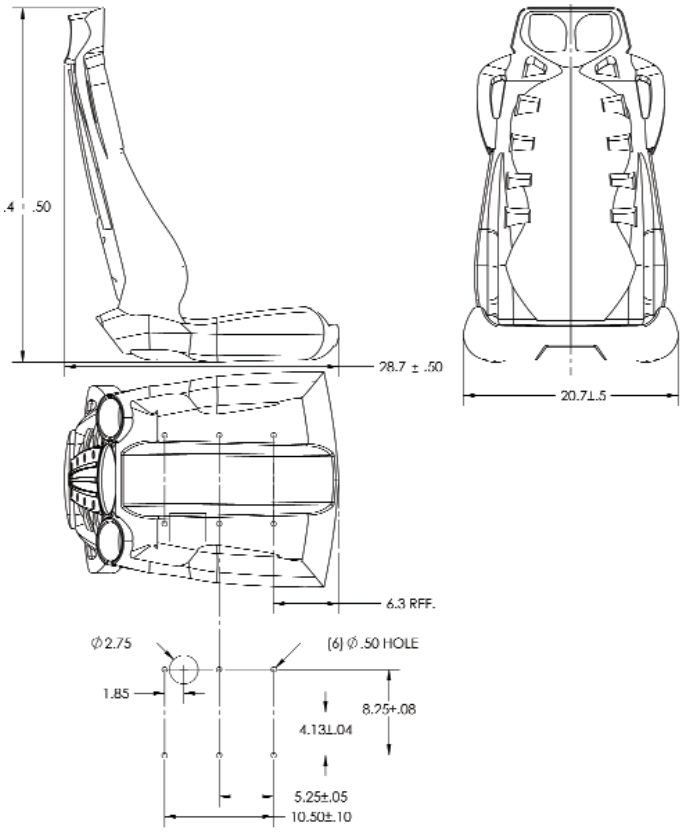
- Original Midway seat for Cruis'n Exotica
- Made of durable molded plastic
- Color: Purple
- Made in USA
- Dimensions:
  34.38" H x 28.7" D x 20.7" W



MIDWAY

QUALITY MADE IN THE U.S.A.

MOUNTING DIMENSIONS



Part Number	Description
04-12452-3	Molded Seat for Midway Cruis'n Exotica

MOLDED SEAT FOR MIDWAY OFFROAD THUNDER

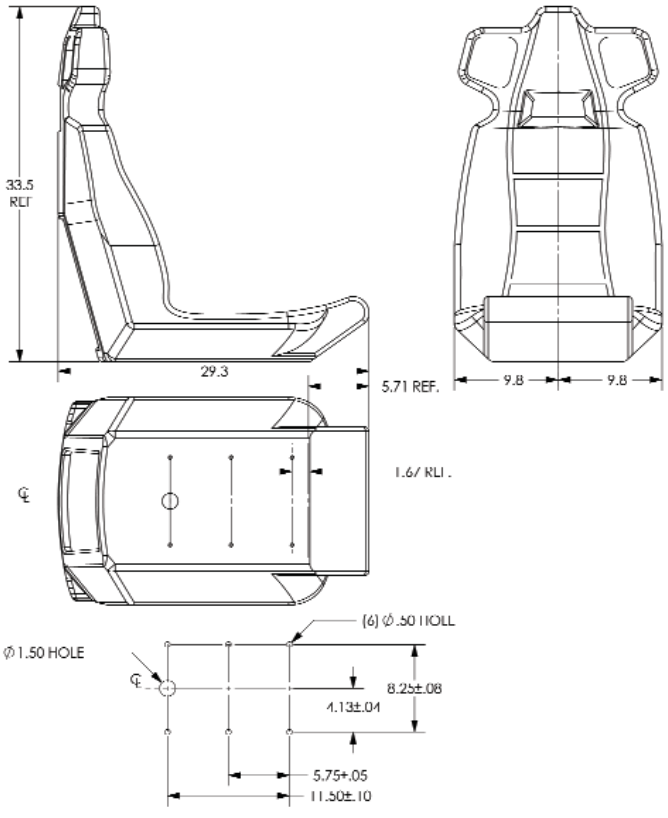
- Original Midway seat for Offroad Thunder
- Made of durable molded plastic
- Color: Yellow
- Made in USA
- Dimensions:
  33.5" H x 29.13" D x 19.54" W



MIDWAY

QUALITY MADE IN THE U.S.A.

MOUNTING DIMENSIONS



Part Number	Description
04-12731	Molded Seat for Midway Offroad Thunder

MOLDED SEAT FOR MIDWAY SAN FRANCISCO RUSH THE ROCK

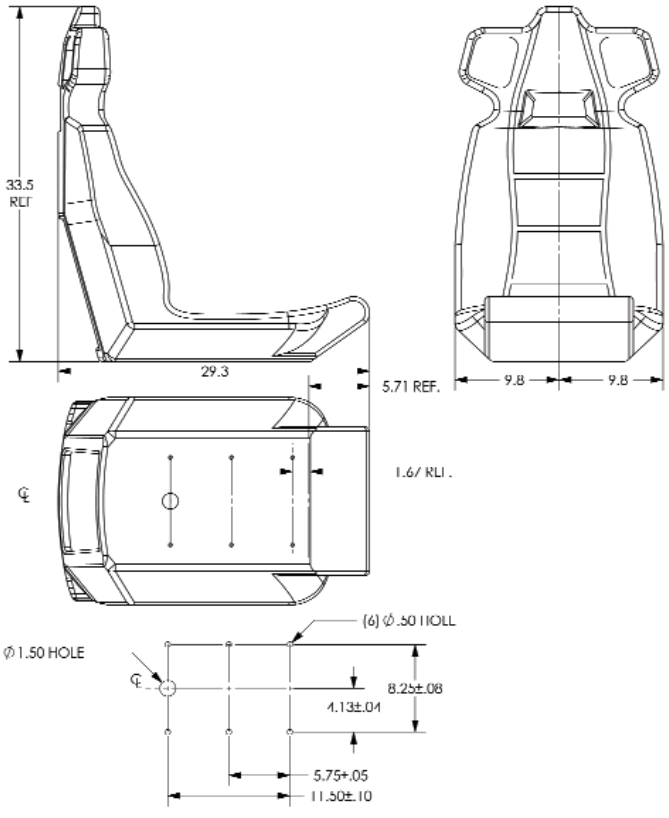
- Original Midway seat for San Francisco Rush The Rock
- Made of durable molded plastic
- Color: Lime Green
- Made in USA
- Dimensions:
  33.5" H x 29.13" D x 19.54" W



MIDWAY

QUALITY MADE IN THE U.S.A.

MOUNTING DIMENSIONS



Part Number	Description
04-10630	Molded Seat for Midway San Francisco Rush The Rock

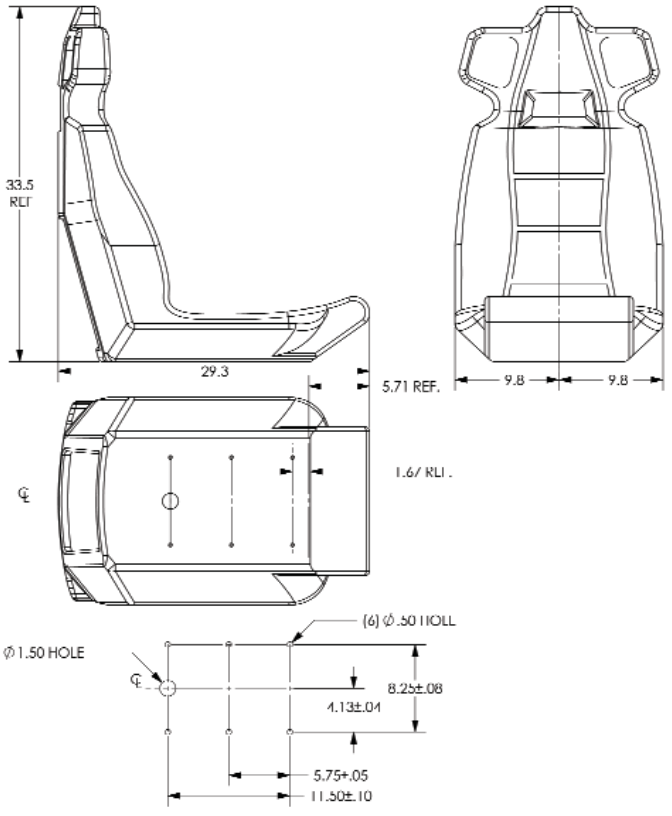
MOLDED SEAT FOR MIDWAY RUSH 2049

- Original Midway seat for Rush 2049
- Made of durable molded plastic
- Color: Black
- Made in USA
- Dimensions:
  33.5" H x 29.13" D x 19.54" W



MIDWAY

MOUNTING DIMENSIONS



Part Number	Description
04-12674	Molded Seat for Midway Rush 2049

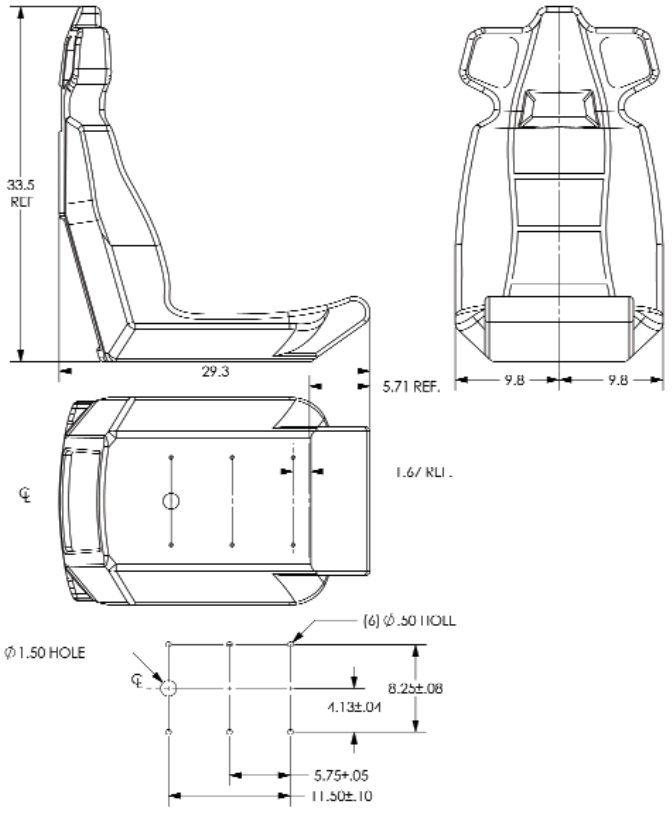
MOLDED SEAT FOR MIDWAY C.A.R.T. FURY

- Original Midway seat for C.A.R.T. Fury
- Made of durable molded plastic
- Color: Black
- Made in USA
- Dimensions:
  33.5" H x 29.13" D x 19.54" W



MIDWAY

MOUNTING DIMENSIONS



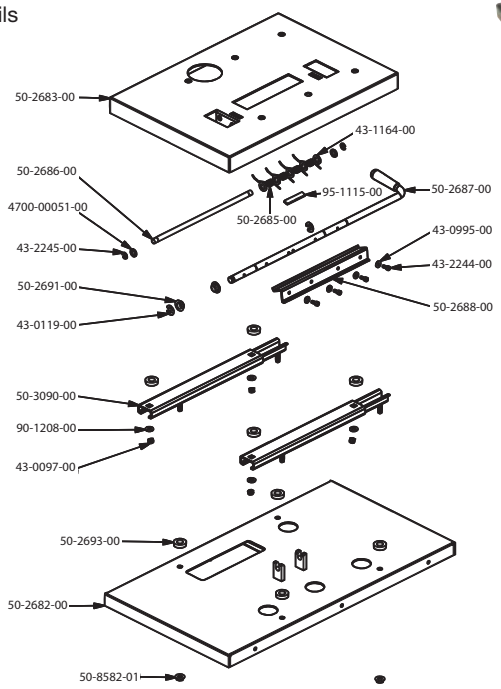
Part Number	Description
04-12674-1	Molded Seat for Midway C.A.R.T. Fury

SPRING SEAT SLIDE ASSEMBLIES

- Full range of seat adjustment positions allows unlimited adjustment for all size of players
- Heavy-duty metal construction of slide rails provide trouble-free operation
- Easier mounting for OEM applications
- 6.4" range of travel
- Black nylon knob



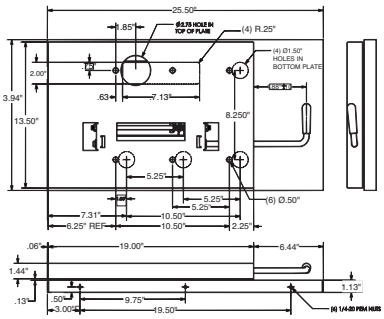
Seat Slide Assembly With Seat Mounted





50-2692-00

OVERALL DIMENSIONS

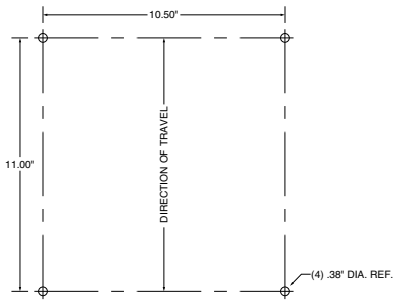


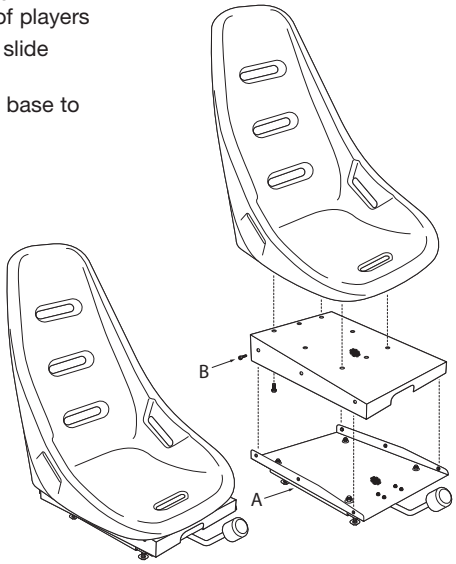
Part Number	Description
50-2692-00	Seat Slide Assembly for Crusin Exotica
50-3137-00	Seat Slide Assembly for Speaker Seat

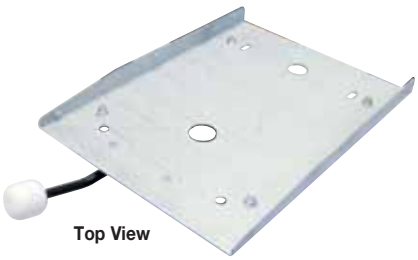
SEAT SLIDE LOWER ASSEMBLY

- Allows player a full range of seat adjustment positions to allow adjustment for all size of players
- Precise heavy-duty metal construction of slide rails provide trouble-free operation
- Large white knob extends from seat slide base to allow easy adjustment while sitting
- 4" range of travel
- Seat sold separately

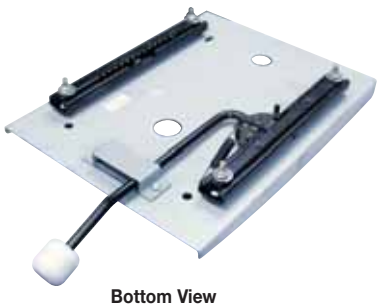
MOUNTING DIMENSIONS







Top View

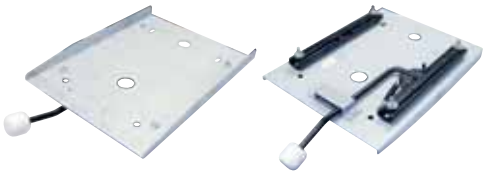


Bottom View

Part Number	KEY	Description
50-2801-00	**A**	Seat Slide Lower Assembly (Upper Assembly Sold Separately)
43-0347-00	**B**	T-27 Torx Screw for Seat Slide

SEAT SLIDE REPLACEMENT ASSEMBLIES & PARTS

Complete Seat Slide Lower Assembly



50-2801-00

Complete Seat Slide Rail Set



50-3025-00

Sega Daytona or Rally Retrofit Kit



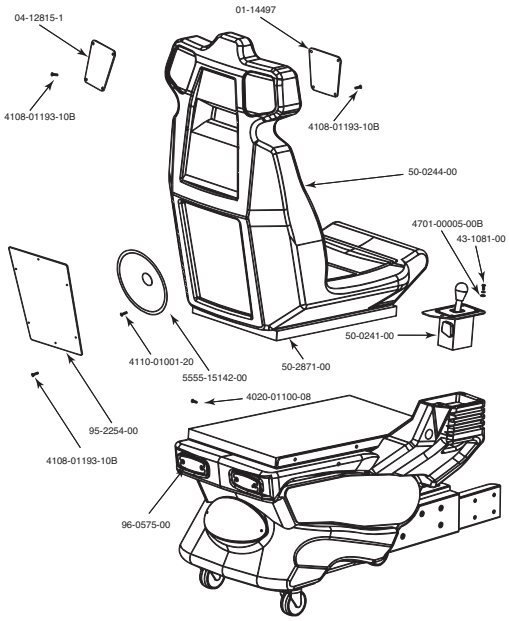
50-2859-00

Mfg	Game	Seat Slide Assy	Rail Set	Kit (Rail Set & Spacers)	Rail Idler	Rail Locking with Lever
Atari	San Francisco Rush 2049	-	-	-	50-3090-00	50-3120-00
Atari	San Francisco Rush, Rock	-	-	-	50-3090-00	50-3120-00
Atari	San Francisco Rush	-	-	-	50-3090-00	50-3120-00
Atari	California Speed	50-2801-00	50-3025-00	-	-	-
Konami	GTI Club	50-2801-00	-	-	-	-
Konami	Winding Heat	50-2801-00	-	-	-	-
Midway	CART Fury	50-2801-00	50-3025-00	-	-	-
Midway	Cruis'n Exotica	50-2692-00	-	-	-	-
Midway	Cruis'n USA Motion	-	-	-	-	-
Midway	Cruis'n USA Sitdown	50-2801-00	50-3025-00	-	-	-
Midway	Cruis'n World	50-2801-00	50-3025-00	-	-	-
Midway	HydroThunder	50-2801-00	50-3025-00	-	-	-
Midway	Hyperdrive	50-2801-00	50-3025-00	-	-	-
Midway	Offroad	50-2801-00	50-3025-00	-	-	-
Midway	Offroad Thunder	50-2801-00	50-3025-00	-	-	-
Namco	Rave Racer	50-2801-00	50-3025-00	-	-	-
Namco	Ridge Racer	-	-	-	-	-
Namco	Speed Up	50-2801-00	50-3025-00	-	-	-
SEGA	Daytona Twin	-	-	50-2859-00	-	-
SEGA	Rally Twin	-	-	50-2859-00	-	-
SNK	Roads Edge	50-2801-00	50-3025-00	-	-	-

SEAT PEDESTAL ASSEMBLY

- Durable and Stylish design for driving game
- Modular design provides numerous OEM configuration possibilities
- Seat Color
- Speaker Configuration
- Side and or seat graphics
- Real metal exhaust pipes with additional speakers built in
- Functional brake lights
- Shifter (2, 3, 4 or 6-Speed)
- Base is Black one-piece molded plastic with locking casters
- Seat slide mounts to base





Part Number	Description
Call for Part Number	Seat Pedestal Assembly

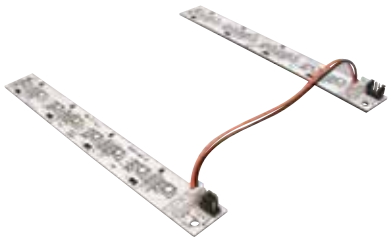
REPLACEMENT PARTS FOR DANCE DANCE REVOLUTION

DANCE DANCE REVOLUTION (DDR) LED UPGRADE KIT

New

Tired of replacing those delicate CCFLs bulbs and inverters on your DDR?

Upgrade to LED boards and achieve improved reliability and performance



- Easy to install using existing +12vdc connector in dance floor and mounts into same mounting as old CCFLs
- LEDs provide brighter illumination and longer life than the existing CCFLs
- Color for LED boards is set by user (Pink or Blue) via jumper right on the LED boards
- Thick and durable PCB material to prevent cracking while installed
- With using this upgrade kit you no longer require use of the CCFLs and inverter thus eliminating another potential service call in the future
- Upgrade kit includes everything you need to update one directional dance pad (Buy 4 kits to upgrade a full dance pad)
- Two LED Boards (adjustable for either Pink or Blue illumination)
- Jumper Harness

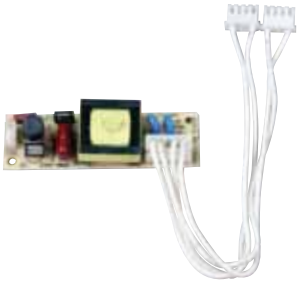


Installed

Part Number	Description
95-4561-00	Dance Dance Revolution (DDR) LED Upgrade Kit

INVERTER BOARD FOR DANCE DANCE REVOLUTION

- Used on Konami DDR or dancing music game machines
- 1 piece inverter will drive two neon lights
- 5-watt
- Voltage: 12VDC



Part Number	Description
92-501017	Inverter Board for DDR Game

CD-ROM DRIVER FOR DANCE DANCE REVOLUTION

- Can be used on any Konami DDR games



Part Number	Description
EMT44-9000-08	CD-ROM Drive for DDR Games

FLOOR PADS FOR DANCE DANCE REVOLUTION





- Used on the dancing platform for Konami DDR game
- Can also be used on any DDR home version or other dancing music machines
- Available in Pink and Blue
- Made from high impact Plexiglas material

Part Number	Description
92-501029	Blue Floor Pad for DDR Game
92-501031	Pink Floor Pad for DDR Game

FLOOR SENSOR SWITCH FOR DANCE DANCE REVOLUTION

New



- Replacement switch can used on any version of Konami DDR games
- Can be used with any DDR home version game with metal pad
- Can used with any other dancing music games
- Made with high quality durable silica gel materials

Part Number	Description
50103200	Floor Sensor Switch for DDR

CCFL LIGHTING FOR DANCE DANCE REVOLUTION

New



- Used on Konami DDR and other dancing music game machines
- Available in two colors: Pink and Blue

Part Number	Description
92-501013	CCFL Tube, Pink for DDR
92-501015	CCFL Tube, Blue for DDR

REPLACEMENT PARTS FOR ATARI GAMES

Part Number	Description
054224-021	Open Cell Foam, Hoop It Up
054726-01	Control Panel Cover, Hoop It Up
178400-001	Basketball Ball for Hoop It Up
50-8056-00	Pot, 5k
80-0074-00	Power Supply, San Rush, Site 4
95-0570-00	Track Ball Bearing 95-570 for above Roller Sets
95-0831-00	Roller Set for 3" Trackball, Set of 3

REPLACEMENT PARTS FOR BENCHMARK

Part Number	Description
00ART011	Wheel Cover Decal Wheel Deal Gold Zone
00ELE002	Benchmark Wheel Deal Main Cpu
00ELE007	Opto Sensor Wheel Deal Benchmark
00ELE008	Coin Opto Sensor For Wheel N Deal
00ELE012	Power Distribution Board Wheel Deal
06-ART016	Marquee Artwork Only Benchmark Goldzone
06-ELE025-110V	Turntable Motor 110 Volt Gold Zone (Orange Belt)
060EM132950	Disc For Quarters Gold Zone Benchmark
060EM232950	Finger For Quarters Gold Zone Benchmark
06PIAMIR900	Playfield W/Decal Gold Zone .900
37BAL002	Balloons Pop It Extreme
38ELE093-3	Jackpot Display
50-8018-20	M/S With Roller Actuator
54ASM025	Top Assembly Benchmark Ticket Station
54ASM026	Belt Assembly Benchmark Ticket Station
54ASM027	Ticket Taker Body Assembly Old Style
54ASM030	Ticket Station Top Roller
54ASM073	Spring Assembly Ticket Station Benchmark
54ELE003D	Stepper Drive Board For Ticket Station
54ELE080	Printer Benchmark Ticket Center
54ELE093	Ticket Station 5 Digit Display Board
54GER001	Gear Kit For Benchmark Ticket Station
54OEM044	Static Brush Set
54-PAP003	Thermal Receipt Paper f/Benchmark Ticket Eater Case Of 24
59ASM001	Motor-Truck (New) f/Big Haul (Cam,Switch And Bracket)
59ELE029	Switch-Dump f/Big Haul
59ELE034	Swing Arm Hub Big Haul
61-PLA010	Blue Rubber Ring Claim Jumper
64PLA007	Front Plex For Wheel Deal Door
70SHM038	Claw Belt For 31
71ELE001A	Benchmark Power Supply Used In Acme Crane 31" New Style
85ASM023	Solenoid Assembly Slam A Winner Benchmark
85-BAL001	Slam A Winner Ball
85CAB014	Main Front Plexi Cover
85CNC002	Jackpot Ring Benchmark Slam-A-Winner
85ELE014	New Style Dual Ticket Dispenser Benchmark
85ELE014B	Belt New Style Ticket Dispenser Benchmark
85ELE026	Motor, Ball Lift, Slam A Winner, Benchmark
85ELE037G	Stepper Controller Board
85ELE042	Playfield Halogen Bulb
85SHM018	Ball Ramp Benchmark Slam-A- Winner
85SHM037	Drive Belt Slam A Winner
90ELE015	Benchmark Triple Ticket Dispenser
90ELE093-5	Jackpot Display 5 Digit
CMC002	Mech Coin Comparator
ELE013	High Current Board
ELE023	Meter Counts Coins In And Tickets Out

REPLACEMENT PARTS FOR BAY TEK

Part Number	Description
A5BA2020	7" Basketballs Lil Hoops
A5BA3000	White Plastic Ball For Jump Shot Game
A5BA4000	Buzzy Bee Ball
A5BA4050	Popcorn Ball
A5BE5020	Wonder Wheel - Black Belt
A5BE5021	Wheel Belt Wonder Wheel
A5BE5022	Conveyor Belt - White Belt For Wonder Wheel
A5BE5024	Wonder Wheel New Model Wheel Belt Thick
A5BR6100	Brass Bearing/Bushing Wonder Wheel & Crazy 8
A5BURU025	Rubber Bumper Alley Games
A5CB6000	Steel Cable For Big Shot
A5CM-AS-900	Coin Mech Roll Down .900 Token
A5GA7100	Gate Assembly Shooting Games
A5HP2000	Orange Hoop Large Without Net Basket Fever
A5LA7000	Turbo Light Buzzy Bee
A5M08802	Ticket Troopers Turntable Motor
A5MO4010	Wheel Motor Smokin Token Extreme & Jam Session
A5MO8801	Chopper Motor Bay-Tek Ticket Trooper
A5PB7100	Trigger Button Shooting Games Bay-Tek
A5RE5020	Wonder Wheel Conveyer System Refurb Kit
A5RO2000	Lifter Bar Bug Bash & Bustin Ballons
A5SH0010	Shovels Big Shot
A5SO4021	Solenoid For Speed Demon
AA0M3902	Carousel Motor Red Zone
AABD1200	Short Coin Sensor Baytek Deep Freeze
AABD1201	Tall Coin Sensor Board Deep Freeze
AABD1203	Coin Funnel Sensor Lower
AABD5010	Reflective Sensor Used On Many Bay-Tek Games
AABD7001	Light Arc Board Sky Master
AABD9616	Super Slot Sensor Board Baytek Smokin Token
AABR5021	Conveyor Brush Baytek Wonder Wheel
AACB1900	Auxillary Board Big Bass Wheel, Big Bass Wheel Pro
AACB4402	Prize Sensors Road Trip
AACH4400-P50	Gift Card Holders Road Trip Pack Of 50
AAKIT-WW	Power Supply Kit 4 Goin Rollin Smokin Token Wonder Wheel
AALC7100	Ball Lift Cylinder Assembly
AAMA1000	Lane Matting Alleys
AAMO1001	Motor Fortune Teller, Alley'S, Crazy 8
AAMO2700	Motor Seidel Going Rolling Smokin Token
AAMO2710	Motor Assembly 120V Motor With Bracket And Sensor
AAMO3901	Motor Red Zone
AAMO3902	Carousel Motor For Baytek Red Zone
AAP04000	Clear Front Shield Bug Bash
AAPB2700	Menu Button With Harness Bayte Big Bass Wheel
AAPS1005	Power Supply Baytek Big Bass Wheel
AARE5021	Wonder Wheel Kit Blackbelt, Whitebelt,2 Shafts,2 Bushings
AASE0001	Opto Sensor Board For Bay-Tek Fireball Game And Soccer
AASE2700	Wheel Position Sensor Smokin Token Goin Rollin
AASE4020	Wheel Position Senser Wonder Wheel
AASW3010	Switch For Ballcount And Lowball

REPLACEMENT PARTS FOR ICE GAMES



ICE3012



AR3024



7007X



7004X

Part Number	Description
2111	Relay Iceball
3002	Chute Net Assy For Chexx And Super Chexx
3011	Corner Deflector For Chexx
3020	Handle Grip For Super Chexx Hockey
100013	Red Puck For Fast Track By Ice Hard Plastic
100016	Green Puck For Fast Track By Ice Hard Plastic
26-1820-00	Replacment Red Air Hockey Mallet W/Felt F/Fast Track Ice
26-1821-00	Replacment Blue Air Hockey Mallet W/Felt F/Fast Track Ice
3013X	Puck For Ice Chexx Hockey Magnetic
3013X	Puck For Chexx Hockey
3025X	Ice Surface Assy For Chexx And Super Chexx
3025X	Ice Surface Assy For Chexx And Super Chexx
7002X	Red/White Goalie
7004X	Blue/White Goalie
7006X	Red Player Long Stick
7007X	Blue/White Player Long Stick
7008X	Red/White Player Short Stick
7009X	Red Player Short Stick
7010X	Blue/White Player
AR2008X	Ball Eject Optical Sensor For Ice Ball
AR2009X	Bonus Count Optical Sensor For Ice Ball
AR2009X12	Point Count Optical Sensor For Ice Ball
AR3019X	Screw For Cages
AR3024	Plastic Ice-Ball For Ice Ball Game
BB1034	Clutch For Full Court Fever
BB2008	Ball Gate Motor f/Cobra Hunt, Humpty Dumpty, Dump The Ump
BB2009X	Rotary Motor For Full Court Fever
BB2010	Linear Motor For Full Court Fever
BB2011X	Net Sensor Harness For Full Court Fever
BB2014X	Encoder Sensor Pcb For Full Court Fever
BB2029X	Harness Ball Gate Used In Many I.C.E. Games
BB3022X	Chassis Wheel With Bushing For Ful Court Fever
BB7006	Liner Encoder Decal For Full Court Fever

Part Number	Description
BT3009	Frame Netting (Black)
BZ3020X	Ball Set (100) For Bozo'S Grand Prize Game
CC2032X	Ticket Owed Pcb For Cyclone
CC2302X	Ticket Owed Pcb For Cyclone
CC3002X	Control Panel Assy For Cyclone
CC-7005X	Storm Stopper Button F/ Ice Cyclone Game
CG2008	Motor For Plush Bus
CG2012	Down Position Sensor For Plush Bus
CG2013	Left & Right Position Sensor For Plush Bus
CG4003	O Ring Drive Band Ice Plush Bus
CG4004	String For Ice Claw (Precut To Length)
CR130540	Hopper Control Board For Ice Pusher Games
CX8384X	Deal No Deal Stool Base Ballast
DA2008X	Target Motor Dunk For Ice Dunkin' Alien
DA3024	Yellow Ball For Dunk N' Alien
DN2005DD	Yellow Double Deal Button For Deal Or No Deal
DN2005S	Start Button For Deal Or No Deal
DU3001	White Ball For Dump The Ump
E08398	Blue 906 Lamp Ice Wheel Of Fortune Redemption
FB3001	Replacement 8.5" Football Used In Nfl 2 Minute Drill
FB3001L	Replacement 8.5" Leather Foot Ball Nfl 2 Minute Drill
HF1062-P100	Bracket Hoop Fever Rebound Guard Ice
HF3004X	Net Sensor Update Kit
HS3001	Basketball For Hoop Fever By Ice
ICE2943	Ice Bulb (Zamperella) 1620308 6 Watt
ICE3008	Player Lock Washers/Clear Plastic For Chexx Hockey Game
ICE3012	Gear Box for ICE Chexx Hockey
RB2009X	Score Sensor Iceball 2005
SA0259	Sams Cosmic Yellow Puck
SA13500	Fast Track Pad, Replacement Pad For Mallet
WF1052	Wheel Pins 1" Extension F/ Wheel Of Fortune
WF1053	Wheel Pins 1.5" Extension F/ Wheel Of Fortune
WF1054	Wheel Pins 2" Extension F/ Wheel Of Fortune

SUPER CHEXX HOCKEY GAME



- All Time Classic
- Indestructible dome that covers the playfield
- Gameplay is fast, exciting and realistic
- Players on both sides control all 5 hockey players and the goalie
- New electronics record Goals, Shots on Goal, Period, and Running Time
- Running time is adjustable
- Automatic puck return system
- Overhead dome lighting
- Sudden death overtime
- Equipped with $0.25 coin acceptors

Part Number	Description
48-0027-00	Super Chexx Hockey Game

GEAR BOX FOR ICE CHEXX HOCKEY

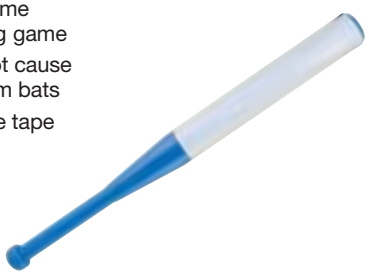
- White gear box assembly
- Interfaces the "men" to the "rods" within the hockey game
- Ref. No. 3012X



Part Number	Description
ICE3012	Gear box For ICE Chexx Hockey

PLASTIC REFLECTIVE BAT

- Used on Interactive Light Home Run Derby and I.C.E. batting game
- Lightweight plastic bat will not cause as much damage as aluminum bats
- Blue handle with 3M reflective tape on barrel
- Length: 30"



Part Number	Description
49-5236-00	Plastic Reflective Bat

3" DIAMETER WHITE HIGH LIP TRACKBALL FOR USE IN GOLDEN TEE® FORE 2002 - 2004 AND PGA TOUR GOLF



- Updated case design with high lip around trackball for use on new updated control panel design on newer Golden Tee® Fore 2003 - 2004 games
- Includes a spacer bracket to allow this trackball to be used in Golden Tee® and Golden Tee® Fore 2002
- Highly specialized components provide the ultimate performance trackball for use with Golden Tee® Fore and PGA Tour machines
- Exceptional performance and precision is achieved from hardened steel shafts
- Optimized for all types of shots and skill levels of the most critical players
- Consistent manufacturing process provides a trackball with performance you can depend on
- Tested and preferred by elite "Gold Division" Golden Tee® Fore players
- Durability to last and maintain superior performance
- Case is constructed of durable impact resistant polycarbonate plastic material that resists cracking due to impact
- Powerful optics work even under dirty and dusty conditions
- "Red Board" PCB has improved circuitry to guarantee an optimized performance signal both at low and high rpm speeds
- Optic board utilizes surface mount technology and superior optics for increased reliability
- Standard AMOA harness included
- Note: If you have an earlier version of PGA Tour with a PS/2 configuration replace with part number 56-0400-11
- Proudly Made in USA

Part Number	Description
56-0100-11HL	3" Diameter White High Lip Trackball with Harness

HEAVY-DUTY 3" TRACKBALL MOUNTING KIT



- Do away with those service calls caused by trackball mounting plate studs giving way on your golf games.
- Ideal solution for both Golden Tee™ and PGA Tour Golf games
- Innovative method of securing trackball cradles the trackball for the ultimate in support
- Shock-absorbing rubber to absorb impact of hits to trackball
- For use with both 3" Suzo-Happ and Betson Trackballs
- Use 39-0040-00 3M tape around the control panel to secure the graphic panel back into place
- Heavy-duty metal mounting plate to adapt trackball to wood control panel
- Clear zinc finish

Part Number	Description
55-0321-00	Heavy-duty 3" Trackball Mounting Kit
39-0040-00	3M Double sided Clear Tape 1/2" W x 36 Yards

FUNGLO KIT READY PEDESTAL CABINETS FOR INCREDIBLE TECHNOLOGIES GAMES

New

- Give your older Incredible Technologies games a fresh new look in this pedestal cabinet
- Ideal solution for operators who want to move existing hardware (CPU, trackball, and buttons) into a pedestal cabinet design
- Available in 4 different control panel configurations: Golden Tee Golf, Silver Strike Bowling, Power Putt Golf & Target Toss Pro
- Acrylic blue or green include “Glow Effect”, power supply, CCFL Lighting (Glow Effect), JAMMA cabinet harness, speakers, and 2 entry over/under upstacker mid-width coin door (Bill validator sold separately)
- Chrome includes power supply, JAMMA cabinet harness, speakers, chrome T-molding, Diamond Tread Plate Accents, and 2 entry over/under upstacker mid-with coin door (Bill validator sold separately)
- Card reader ready simply remove block out plate
- Optional coin/bill door hasp system (30-0139-FG) installs easily using existing hardware in cabinet
- Cabinet is designed to fit two Incredible Technologies CPUs for use with the “Perfect Solution Kit”
- LCD and stand sold separately
- Cabinet only without game
- Dimensions 27" L x 33.5" W x 37" H
- Weight 145 lbs.





ACRYLIC GREEN



ACRYLIC BLUE



CHROME

FunGlo Acrylic Green Pedestal Kit Ready Cabinet (Control Panel Overlays Sold Separately)	
Part Number	**Description**
95-3404-G1	For Golden Tee Golf, Acrylic Green
95-3404-G2	For Silver Strike Bowling, Acrylic Green
95-3404-G3	For Power Putt Golf, Acrylic Green
95-3404-G4	For Target Toss Pro, Acrylic Green

FunGlo Acrylic Blue Pedestal Kit Ready Cabinet (Control Panel Overlays Sold Separately)	
Part Number	**Description**
95-3404-B1	For Golden Tee Golf, Acrylic Blue
95-3404-B2	For Silver Strike Bowling, Acrylic Blue
95-3404-B3	For Power Putt Golf, Acrylic Blue
95-3404-B4	For Target Toss Pro, Acrylic Blue

FunGlo Chrome Pedestal Kit Ready Cabinet (Control Panel Overlays Sold Separately)	
Part Number	**Description**
95-3504-C1	For Golden Tee Golf, Chrome
95-3404-C2	For Silver Strike Bowling, Chrome
95-3404-C3	For Power Putt Golf, Chrome
95-3404-C4	For Target Toss Pro, Chrome





See Pages 226-230 for LCD Mounting Options

INCREDIBLE TECHNOLOGIES SHOWPIECE™ PEDESTAL CABINETS

Innovative, new Showpiece™ pedestal cabinet represents the future of coin-operated entertainment cabinetry and offers an unparalleled level of flexibility and sophistication to the marketplace. The Showpiece cabinet is sold without a monitor or stand, leaving the installation process customizable to meet the vast needs of today's modern operator.

- Size 29.6" L x 24.5" W x 38.6" H
- Weight 160 lbs

GOLDEN TEE LIVE 2011

New



- This 2011 edition marks the celebratory 22-year anniversary of the Golden Tee brand
- Pitting video golfers across the world in head-to-head contests for prizes or glory, Golden Tee LIVE takes excitement to new heights by simply combining it with real-time competition. From the comfort of their local taverns and restaurants, thousands of players can play live and compete simultaneously while scores are updated universally, hole-by-hole
- Was the first of its kind to utilize wireless technology (provided by Sprint®) to allow players to compete in real-time, worldwide Golden Tee tournaments. Golden Tee LIVE represents the future of video golf and out-of-home video game experiences
- 5 New Courses from Mt. Rushmore to Africa
- Closest-to-the-Pin LIVE - Quick, Prize Play Feature and ability to Upload Great Shot Replays to YouTube™
- New Hit List - featuring Dave Matthews Band
- Glory Play featuring Random Tees
- New Premium Clubs and Balls; Callaway™ and Oddyssey™ along with New Customizable Clothing
- FACTs and AdWiz compatible

Part Number	Description
95-1276-00	Golden Tee Live 2011 Pedestal Cabinet

SILVER STRIKE BOWLER'S CLUB 2010

New



- With Silver Strike Bowler's Club 2010, the Silver Strike Bowling brand has been taken to the next level
- Players able to track statistics and averages and to compete in online FACTS-based tournaments and contests
- Players able to qualify and compete in the largest video bowling tournament in history - the SSBC National Championship!
- Silver Strike 2009 Bowler's Club, the National Championship: the largest video bowling event in history, with over $100,000 in it's prize pool and a Las Vegas final
- Players are also treated to new features such as Throwdown bracket play and SSB Survivor!
- The latest version of the most successful video bowling game in history
- New game modes; including Survivor and Throwdown Bracket Play
- More Sweepstakes winners

Part Number	Description
95-2851-00	Silver Strike Bowler's Club 2010 Pedestal Cabinet

POWER PUTT GOLF

New



- Brand new miniature golf experience by mixing the competitive nature of IT's video games with a heightened level of fun and excitement

  in this realistic, 3-course miniature golf game
- From skilled pros to average joes, PowerPutt challenges players of all types - young, old, male, female and couples too!
- Whether putting through the flaming skulls of the Freaky Tiki or playing the angles on Dusty Trail, PowerPutt's "easy to learn, hard to master" play mechanics keep players engaged the first - and every - time they play
- From bars, bowling centers, movie theaters and everything in between, the unique appeal of PowerPutt is an attractive theme for a multitude of locations and players
- No other game on the market mixes approachability, fun and challenge like PowerPutt - you have to see it to believe it
- It's time to putt up or shut up - it's time for PowerPutt!

Part Number	Description
95-1082-00	Power Putt Golf Pedestal Cabinet

INCREDIBLE TECHNOLOGIES SHOWPIECE™ PEDESTAL CABINETS CONTINUED

GOLDEN TEE 2011 UNPLUGGED

New



- Golden Tee Unplugged, IT's latest version of Golden Tee, is a more casual, offline edition of Golden Tee LIVE. With the same stunning courses and cutting edge graphics as LIVE
- Unplugged offers players a more laidback video golf experience without taking away the competitive factor that has made Golden Tee the barroom staple it is today
- With calmer winds, easier drop spots and gentler slopes on greens for easier putting, Unplugged is the perfect game to introduce players to the Golden Tee brand
- Offline unit perfect for more casual locations
- Perfect for replacing Golden Tee Fore!
- Easier game face to entice new players along with easier game play
- Use Original and '07 Premium Clubs and Balls for Free (per game only)
- Customize your Golfer with a Free Limited Selection (per game only)

Part Number	Description
95-1432-00	Golden Tee 2011 Unplugged Pedestal Cabinet

TARGET TOSS PRO - BAGS

New



- The "Perfect Bar Game" for any location
- Approachable game play for both men and women
- Casual competition
- Fast and affordable game play
- Many games choices available such as; single player games, 2-player head-to-head, cutthroat, team mode and much more
- First in a series of Target Toss Pro games – Software updates planned for future releases

Part Number	Description
95-2927-00	Target Toss Pro-Bags Pedestal Cabinet

POWERPUTT GAME KIT

New











- Increase your earnings with PowerPutt game kit
- The unique appeal of PowerPutt is an attractive theme for a multitude of locations and players
- All new powerful miniature golf game from the makers of Golden Tee
- It's mini-golf with an attitude
- 3 hyper-realistic 18-hole courses
- 1 to 8 players can compete
- Special tournament mode for 4-16 players
- Local leader boards and course champ screens
- Huge variety of game play techniques
- Unique new hit list feature
- Full kit with or without control panel
- Fits GT Fore cabinets

Part Number	Description
95-1036-00	PowerPutt Full Game Kit with Control Panel
95-0904-00	PowerPutt Game Kit without Control Panel

INCREDIBLE TECHNOLOGY SILVER STRIKE 2009 BOWLER'S CLUB KITS

- It's tenpin bowling brought to an all new level of energy and excitement and you can buy it from Suzo-Happ
- Update your older games NOW and start making money again
- Suitable for all ages and any location
- Many new features such as; Strike-Trak technology, Skip Bowler option, create personal ads with AdWiz and much more
- Two kits to choose from which work with any resolution monitor
- Full kit includes system box, controls, graphics and marquee
- Full kit with CP includes control panel, system box, graphics, marquee and can used on classic Golden Tee Fore cabinets



Part Number	Description
925000288	Silver Strike 2009 Bowler's Club Full Kit
925000288CP	Silver Strike 2009 Bowler's Club Full Kit with Control Panel

INCREDIBLE TECHNOLOGY TARGET TOSS PRO BAGS KITS

- The "Perfect Bar Game" is now available from Suzo-Happ
- Update your older games NOW and start making money again
- BAGS is suitable for both men and women
- Many games choices available such as; single player games, 2-playerhead-to-head, cutthroat, team mode and much more
- Two kits to choose from which work with any resolution monitor
- Full kit includes system box, controls, graphics and marquee
- Full kit with CP includes control panel, system box, graphics, marquee and can used on classic Golden Tee Fore cabinets



Part Number	Description
925000291	Target Toss Pro: BAGS Kit
925000291CP	Target Toss Pro: BAGS Kit with Control Panel

INCREDIBLE TECHNOLOGY GOLDEN TEE LIVE 2011 FULL KITS

- Golden Tee Live game kits are now available from Suzo-Happ
- Update your older games NOW and start making money again
- GT Live now has 10 courses to choose from (5 original and 5 all new!!)
- More powerful than any consumer-based game system and designed specifically for the Coin-Op market
- Two kits to choose from which work with any resolution monitor
- Full kit includes system box, controls, graphics and marquee
- Full kit with CP includes control panel, system box, graphics, marquee and can used on classic Golden Tee Fore cabinets



Part Number	Description
925000289	Golden Tee Live! 2011 Online Full Kit
925000289CP	Golden Tee Live! 2011 Online Full Kit with Control Panel

CONTROL PANEL OVERLAYS FOR INCREDIBLE TECHNOLOGIES GAMES



825100250



825100265R



825100294R



825100295R



825100291



825000205

835000205

Part Number	Description
825100250	Control Panel Overlay Decal for Golden Tee Live
825100294R	Control Panel Overlay Decal for Golden Tee Unplugged
825000205	Control Panel Overlay Decal for Golden Tee Fore
835000205	Add-on Decals for Golden Tee Fore Control Panel
825100265R	Control Panel Overlay Decal for Silver Strike Bowling
825100295R	Control Panel Overlay Decal for Power Putt Golf
825100291	Control Panel Overlay Decal for Target Toss Pro

CONTROL PANELS FOR INCREDIBLE TECHNOLOGIES GAMES



900291100



900250903



900265100

- All panels come installed with the Suzo-Happ 3" white trackball (50-0100-11HL) and pushbuttons
- Improved trackball mounting system allows for much easier way to remove the track ball for maintenance
- Simple installation with the removal and reinstallation of a few screws
- Bolt and screw heads are concealed for player safety
- Made in USA

Part Number	Description
900250903	Control Panel for Golden Tee Live
900265100	Control Panel for Silver Strike Bowling
900291100	Control Panel for Target Toss Pro (BAGS)

LCD UPRIGHT STAND FOR PEDESTAL CABINETS

New

- Take all of the guess work out of selecting the proper stand for your pedestal cabinets. This custom stand is specifically designed for use with both Incredible Technologies and FunGlo pedestal cabinets
- Adjustable mounting brackets attach to the front sides of both cabinets by using existing bolts already on cabinets
- Extra long 6 foot pole provides an extremely wide range of height settings to be certain the LCD monitor is the right height to appeal to the players
- Since the stand installs to the pedestal cabinet it maintains the 24" required distance from control panel to LCD
- Internal cable management and base cover provides for a safe clutter-free appearance
- Unique back plate allows two sign brackets (included in the Incredible Technologies Showpiece cabinet) to mount to back of LCD stand
- Supports the full range of VESA mounting standards
- Supports LCD sizes of 32" to 52"
- Max Load 100 lb. screen
- Black color blends well into any location
- Zero degree tilt
- 5-Year warranty
- Ships UPS (47.1 lbs)
- Dimensions 22" to 34" W (Adjustable) x 73.25" H x 30" D

SUZO HAPP EXCLUSIVE DESIGN

peerless® MOUNTS



Part Number	Description
49-5672-20	LCD Stand for Pedestal Cabinets

FLAT PANEL CEILING MOUNT FOR 32" TO 60" LCD AND PLASMA SCREENS

New

- Offers a straight column from the ceiling attachment point to the flat panel screen
- Ideal for sports facilities, airports, lobbies or retail environments
- It delivers 20° of adjustable tilt and 360° of swivel
- Ships complete with 2.5' fixed length extension column and theft resistant security fasteners
- Model-specific or Universal style PLP adapter plates are available to match your screen make and model, both are sold separately
- For screens larger than 60" a dedicated plate must be purchased

peerless® MOUNTS



FEATURES:

- 0° to 20° adjustable tilt and 360° swivel
- Screen mounts vertically or horizontally
- Uses standard 1 1/2" – 11.5 NPT schedule 40 pipe
- Additional length can be added for lowering
- Theft-resistant security fasteners secure the screen to the mount
- Sold with or without ceiling plate
- Cord management
- Complete detailed installation instructions for wood and concrete structures

Part Number	Description
49-6450-00	Flat Panel Ceiling Mount for 32" to 60" LCDs

UNIVERSAL FLAT WALL MOUNT

For 23" to 46" LCD Flat Panel Screens

New



- Universal mount fits screens with mounting patterns up to 17.73" W x 12.94" H
- Open wall plate architecture allows for total wall access
- Ultra-slim design holds screen only 1.2" from the wall for a low-profile application
- Horizontal screen adjustment of up to 6" (depending on screen model) for perfect screen placement
- Universal brackets easily hook onto wall plate for fast installation
- Mounts to wood studs, concrete, cinder block or metal studs (metal stud accessory required)
- Comes with Peerless' Sorted-for-You™ fastener pack with all necessary screen attachment hardware
- Integrated security options available
- Includes theft resistant hardware for attaching screen to mount
- UL listed
- Warranty: Limited 5-year

Part Number	Description
49-6442-00	Universal Flat Wall Mount for 23" to 46" LCDs

Specifications	
Dimensions (WxHxD)	19.37" x 13.75" x 1.2" (49.19 x 34.9 x 3 cm)
Load Capacity	150 lb (68 kg)
Weight	3.5 lb (1.6 kg)
Finish	Black scratch-resistant fused epoxy
Accessories	Metal Stud Accessory Kit (ACC 415)
Package Contents	Wall plate, universal brackets, mounting and screen attachment hardware

UNIVERSAL FLAT WALL MOUNT

For 32" to 50" LCD and Plasma Flat Panel Screens

New



- Universal mount fits screens with mounting patterns up to 29.23" W x 17.05" H
- Open wall plate architecture allows for total wall access
- Ultra-slim design holds screen only 1.7" from the wall for a low-profile application
- Horizontal screen adjustment of up to 8" (depending on screen model) for perfect screen placement
- Universal brackets easily hook onto wall plate for fast installation
- Mounts to wood studs, concrete, cinder block or metal studs (metal stud accessory required)
- Comes with Peerless' Sorted-for-You™ fastener pack with all necessary screen attachment hardware
- Integrated security options available
- Includes theft resistant hardware for attaching screen to mount
- UL listed
- Warranty: Limited 5-year

Part Number	Description
49-6443-00	Universal Flat Wall Mount for 32" to 50" LCDs

Specifications	
Dimensions (WxHxD)	30.87" x 18" x 1.7" (78.4 x 45.7 x 4.3 cm)
Load Capacity	175 lb (79.3 kg)
Weight	5.47 lb (2.51 kg)
Finish	Black scratch-resistant fused epoxy
Accessories	Metal Stud Accessory Kit (ACC 415)
Package Contents	Wall plate, universal brackets, mounting and screen attachment hardware

UNIVERSAL FLAT WALL MOUNT

For 37" to 60" LCD and Plasma Flat Panel Screens

New



- Universal mount fits screens with mounting patterns up to 32.48" W x 17.05" H
- Increased screen compatibility includes VESA® 800 mm x 400 mm mounting hole patterns
- Open wall plate architecture allows for total wall access
- Ultra-slim design holds screen only 1.2" from the wall for a low-profile application
- Includes deep screen adapters to hold screen 1.7" from wall for easier cable management access
- Horizontal screen adjustment of up to 8" (depending on screen model) for perfect screen placement
- Universal brackets easily hook onto wall plate for fast installation
- Mounts to wood studs, concrete, cinder block or metal studs (metal stud accessory required)
- Comes with Peerless' Sorted-for-You™ fastener pack with all necessary screen attachment hardware
- Integrated security options available
- Includes theft resistant hardware for attaching screen to mount
- UL listed
- 5-year limited warranty

Part Number	Description
49-6443-00	Universal Flat Wall Mount for 32" to 50" LCDs

Specifications	
Dimensions (WxHxD)	34.12" x 18" x 1.2" (86.70 x 45.70 x 3 cm)
Load Capacity	200 lb (90.7 kg)
Weight	6.76 lb (3 kg)
Finish	Black scratch-resistant fused epoxy
Accessories	Metal Stud Accessory Kit (ACC 415)
Package Contents	Wall plate, universal brackets, mounting and screen attachment hardware

UNIVERSAL TILT WALL MOUNT

For 23" to 46" LCD Flat Panel Screens

New

- Universal mount fits screens with mounting patterns up to 18" W x 12.94" H
- Open wall plate architecture allows for total wall access
- Adjustable up to 15° of forward tilt and -5° backward tilt for optimal viewing angle
- Pre-tensioned universal tilt screen adapters allow for tilt adjustment without the use of tools
- Easy-grip lever locks the screen position into place
- Optional IncreLock™ feature offers fixed angles of -5°, 0°, 5°, 10°, 15°
- Horizontal screen adjustment of up to 6" (depending on screen model) for perfect screen placement
- Universal screen adapters easily hook onto wall plate for fast installation
- Mounts to wood studs, concrete, cinder block or metal studs (metal stud accessory required)
- Comes with Peerless' Sorted-for-You™ fastener pack with all necessary screen attachment hardware
- Integrated security options available
- Includes theft resistant hardware for attaching screen to mount
- UL listed
- 5-year limited warranty



peerless® MOUNTS

Part Number	Description
49-6444-00	Universal Tilt Wall Mount for 23" to 46" LCDs

Specifications	
Dimensions (WxHxD)	19.37" x 13.75" x 2.6" (49.2 x 34.9 x 6.6 cm)
Load Capacity	150 lb (68 kg)
Weight	6.32 lb (2.86 kg)
Finish	Black scratch-resistant fused epoxy
Accessories	Metal Stud Fastener Kit (ACC415)
Package Contents	Wall plate, universal screen adapters, mounting and screen attachment hardware

UNIVERSAL TILT WALL MOUNT

For 32" to 50" LCD and Plasma Flat Panel Screens

New

- Universal mount fits screens with mounting patterns up to 29.5" W x 17.67" H
- Open wall plate architecture allows for total wall access
- Adjustable up to 15° of forward tilt and -5° backward tilt for optimal viewing angle
- Pre-tensioned universal tilt bracket allows for tilt adjustment without the use of tools
- Easy-grip lever locks the screen position into place
- Optional IncreLock™ feature offers fixed tilt angles of -5°, 0°, 5°, 10°, 15°
- Horizontal screen adjustment of up to 8" (depending on screen model) for perfect screen placement
- Universal screen adapters easily hook onto wall plate for fast installation
- Mounts to wood studs, concrete, cinder block or metal studs (metal stud accessory required)
- Comes with Peerless' Sorted-for-You™ fastener pack with all necessary screen attachment hardware
- Integrated security options available
- Includes theft resistant hardware for attaching screen to mount
- UL listed
- 5-year limited warranty



peerless® MOUNTS

Part Number	Description
49-6445-00	Universal Tilt Wall Mount for 32" to 50" LCDs

Specifications	
Dimensions (WxHxD)	30.87" x 18.5" x 2.6" (78.4 x 46.9 x 6.3 cm))
Load Capacity	175 lb (79 kg)
Weight	7.94 lb (3.6 kg)
Finish	Black scratch-resistant fused epoxy
Accessories	Metal Stud Fastener Kit (ACC415)
Package Contents	Wall plate, universal screen adapters, mounting and screen attachment hardware

UNIVERSAL TILT WALL MOUNT

For 37" to 60" LCD and Plasma Flat Panel Screens

New

- Universal mount fits screens with mounting patterns up to 32.75" W x 17.67" H
- Increased screen compatibility includes VESA® 800 x 400 mm mounting hole pattern
- Open wall plate architecture allows for total wall access
- Adjustable up to 15° of forward tilt and -5° backward tilt for optimal viewing angle
- Pre-tensioned universal tilt screen adapters allow for tilt adjustment without the use of tools
- Easy-grip lever locks the screen position into place
- Optional IncreLok™ feature offers fixed tilt angles of -5°, 0°, 5°, 10°, 15°
- Horizontal screen adjustment of up to 8" (depending on screen model) for perfect screen placement
- Universal screen adapters easily hook onto wall plate for fast installation
- Mounts to wood studs, concrete, cinder block or metal studs (metal stud accessory required)
- Comes with Peerless' Sorted-for-You™ fastener pack with all necessary screen attachment hardware
- Integrated security options available
- Includes theft resistant hardware for attaching screen to mount
- UL listed
- 5-year limited warranty



peerless® MOUNTS

Part Number	Description
49-6446-00	Universal Tilt Wall Mount for 37" to 60" LCDs

Specifications	
Dimensions (WxHxD)	34.1" x 18.5" x 2.6" (86.6 x 46.9 x 6.6 cm)
Load Capacity	8.28 lb (3.75 kg)
Weight	7.94 lb (3.6 kg)
Finish	Black scratch-resistant fused epoxy
Accessories	Metal Stud Fastener Kit (ACC415)
Package Contents	Wall plate, universal screen adapters, mounting and screen attachment hardware

PULL-OUT SWIVEL WALL MOUNT

For 26" to 50" LCD & Plasma Flat Panel Screens

New

- VESA 100 and 200 x 100 compatible (PLP or LC model adapter plate required for non-VESA screens)
- Pull-out swivel with up to 45° rotation depending on screen size
- Locking tab provides optional swivel restriction to one side
- 2.25" deep in closed position, up to 10.75" fully extended
- 0°, 5° or 10° lockable incremental tilt
- +/-1° roll for horizontal screen alignment during installation
- Built-in cord management
- Lock Key™ installation tool secures arms for screen installation
- Lock-out screw prevents unwanted extension
- Mounts to 16" wood studs, concrete, cinder block
- Includes mounting and screen attachment hardware (theft resistant hardware for attaching screen to mount)
- UL Listed
- 5-year limited warranty



peerless® MOUNTS

Part Number	Description
49-6447-00	Pull-Out Swivel Mount for 26" to 50" LCDs

Specifications	
Dimensions (WxHxD)	21" x 9" x 2.25" (53.3 x 22.9 x 5.7 cm)
Load Capacity	UL listed to 150 lb (68 kg)
Weight	20.1 lb (9.1 kg)
Finish	Black scratch-resistant fused epoxy
Accessories	Metal Stud Accessory Kit (ACC 415)
Package Contents	Package Contents Mount, Lock Key™ installation tool, locking swivel tab, mounting and VESA 100 and 200x100 screen attachment hardware

ARTICULATING WALL ARM

For 22" to 40" LCD Flat Panel Screens

New

- Fits 22" to 40" LCD screens
- Pre-assembled for fast and easy installation
- Comes with VESA® 75/100, 200 x 100, 200 x 200 mm screen adapter plate
- Non-VESA adapter plates available (sold separately)
- Three pivot points for virtually limitless adjustment that can be tightened to restrict movement
- 20° of smooth, continuous, one-touch tilt (5° up, 15° down)
- Offers up to 180° of swivel (depending on screen model)
- Adjustable roll of 7° in either direction allows screen to be easily leveled
- Anodized aluminum finish available in black or silver
- Built-in internal cord management conceals wires for a clean look
- Includes hardware for installation to a single wood stud or concrete
- 5-year limited warranty



peerless® MOUNTS

Specifications	
Dimensions (WxHxD)	8.75"-11.63" x 9.35" x 3.44"-20.2" (22.22 - 29.54 x 23.74 x 8.73 - 51.3 cm)
Load Capacity	80 lb (36.28 kg)
Weight	7.9 lb (3.58 kg)
Finish	Black anodized aluminum
Accessories	Metal Stud Wall Plate (WSP models) Security Screen Fasteners (ACC919
Package Contents	Adjustable arm, VESA® 75/100, 200 x 100 and 200 x 200 screen adapter, mounting hardware

Part Number	Description
49-6448-00	Articulating Wall Arm for 22" to 40" LCDs

ARTICULATING WALL ARM

For 32" to 50" LCD and Plasma Flat Panel Screens

New



peerless® MOUNTS

- 1" clearance per channel for clean and simple cable management
- 10.75" of horizontal adjustability for ideal screen placement
- Arm extends 27.8" (plus thickness of screen adapter)
- UL listed for strength and reliability
- Color-coded wall access ports in wall plate provide optimal electrical access
- ±2.5° roll to level the screen horizontally
- +15/-5° of one-touch tilt for easy screen positioning
- All-metal load bearing construction provides strength and clean looks
- Landscape and portrait mounting capability
- 5-year limited warranty

Specifications	
Dimensions (WxHxD)	32.87" x 18.25" x 6.8"-29.8" (83.48 x 46.35 x 17.27-75.69 cm)
Load Capacity	150 lb (68 kg)
Weight	34.1 lb (15.5 kg)
Finish	High gloss black, scratch resistant fused epoxy
Accessories	ACC615: Metal Stud Togglers (for up to 110 lb flat panels)
	SCS222: Double Stud Dual Component Shelf System
	SCS212: Dual Component Shelf System
	SCS221: Double Stud Component Shelf
	SCS211: Component Shelf
	ACC924/926: Cable Management Wall Channel
	ACC925: Security Fasteners
	MSA-101 (S): Center Channel Speaker Mount
	MSA-301 (S): Center and Side Speaker Mount
Package Contents	Wall plate, articulating arm, VESA® adapter plate, universal brackets (U models), mounting and screen attachment hardware

Part Number	Description
49-6449-00	Articulating Wall Arm for 32" to 52" LCDs

THE PERFECT SOLUTION DUAL GAME KIT









- Now you can run 2 games in one cabinet!
- Revolutionary kit contains all the necessary components to combine a Sliver Strike Bowling kit into an existing Golden Tee game, so you can operate both games in the same cabinet
- Will also work with Golden Tee Live kits
- Works with both Golden Tee green and red PCB boards
- Easy installation within 15 minutes

Part Number	Description
95-2807-00	The Perfect Solution Dual Game Kit

26" LCD GAME CABINETS

New

- New innovative LCD cabinet provide for an updated look for any location
- Cabinet is optimally configured for use with various Incredible Technologies game kits
- Easy to move for it is over half the weight of a standard CRT based cabinet
- Optimal follow-thru angle for superior game play
- Great for commercial locations or your home game room
- One-piece durable acrylic protects marquee, LCD and control panel
- Cabinets include 26" VGA LCD, power supply, marquee lights and single entry bill validator ready coin door with cashbox
- Three different versions available: Target Toss Pro BAGS, Silver Strike Bowling and Golden Tee
- Weight of cabinet is only 196 lbs. (250 lbs shipping weight)
- Dimensions: 60" H x 28" W x 34" D

96-0931-20



96-0931-00 96-0931-10

Cabinet Only	
Part Number	**Description**
96-0903-00	26" LCD Game Cabinet with LCD & Coin Door Configured for Target Toss Pro (BAGS) Game Kit
96-0903-10	26" LCD Game Cabinet with LCD & Coin Door Configured for Silver Strike Bowling Game Kit
96-0903-20	26" LCD Game Cabinet with LCD & Coin Door Configured for Golden Tee Golf Game Kit

Cabinet Only	
Part Number	**Description**
96-0931-00	26" LCD Game Cabinet with LCD & Coin Door with Target Toss Pro (BAGS) Game Installed
96-0931-10	26" LCD Game Cabinet with LCD & Coin Door with Silver Strike Bowler's Club 2009 Game Installed
96-0931-100	26" LCD Game Cabinet with LCD & Coin Door with Silver Strike Bowling Game Installed
96-0931-20	26" LCD Game Cabinet with LCD & Coin Door with 2008 Golden Tee Unplugged Game Installed

REPLACEMENT PARTS FOR INCREDIBLE TECHNOLOGIES

27" MAKVISION HIGH RESOLUTION MONITOR SVGA/XGA

- Uses a high grade true-flat CRT
- Used by Incredible Technologies all newer Golden Tee Live and Silver Strike Bowling games
- Monitor Bezel sold separately (49-1857-00)
- UL Approved
- 1-year Warranty

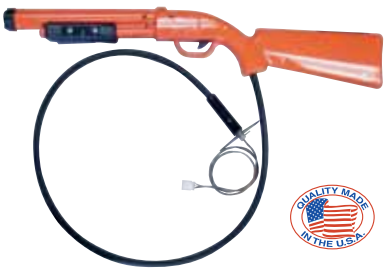


MAKVISION INC.

Part Number	Description
49-2717-00	27" MakVision High Resolution Monitor

29" PUMP ACTION SHOTGUN

- Made in USA
- Original OEM shotgun from Incredible Technologies used on Big Buck Hunter
- New optic PCB has innovative optic can holder that securely holds the optic in place and prevents breakage of optic legs due to shock



- Durable rubber hose, 57" length
- Reliable GOLD contact microswitch used for the trigger switch
- Color: Orange
- Slide action pump gives realistic feel
- Easier disassembly and assembly of gun via brass inserts inside gun, no nuts
- Holster clip (sold separately) 750000075

Part Number	Description
900890234	29" Pump Action Shotgun
750000075	Black Plastic Holster Clip

GUN KIT FOR 29" BIG BUCK HUNTER OPTICAL PUMP ACTION SHOTGUN



- Contains: One 29" left gun half and one 29" right gun half
- Color: orange
- Made in USA

Part Number	Description
96-0455-00	Gun Kit 29" Big Buck Hunter Optical Pump Action Shotgun

PUSHBUTTON WITH HORIZONTAL MICROSWITCH

- Fits wood or metal control panels
- New longer design: Easier to use within 3/4" wood control panels with Lexan
- Microswitch, tested to 10,000,000 cycles
- .187" terminal Cherry microswitch
- Gold contact microswitch available
- Durable NYLON material
- Pushbutton mounts in 1-1/8" hole
- Protective covers also available



Part Number	Description
58-9100-L	Red Pushbutton with Horizontal Microswitch
58-9111-L	White Pushbutton with Horizontal Microswitch

3.15" 12V COOLING FAN

New

- Used in Big Buck Hunter Pro and Fast & Furious Super Bike
- 3-wire sleeve bearing fan without connector
- 12 VDC; 0.14A
- Size: 3.15" x 3.15" x 0.98" (80mm x 80mm x 25mm)



Part Number	Description
80-0006-44	Cooling Fan

3.62" COOLING FAN FOR INCREDIBLE TECHNOLOGIES GAMES

New

- Ball bearing cooling fan used in all Incredible Technologies Games
- Size: 3.62" x 3.62" x 0.98" (92mm x 92mm x 25mm)
- 3-wires with connector
- 12VDC, 0.41 A



Part Number	Description
755000915	Cooling Fan For Incredible Technologies Games

For Our Complete Selection of Fans See Page 393

REPLACEMENT PARTS FOR INCREDIBLE TECHNOLOGIES

POWER PRO DUAL SWITCH & REMOTE CAPABLE 200 WATT POWER SUPPLY



- +5v 20A, +12v 8A, -5v .5A, -12 .5A
- UL, CSA and CE Recognized
- 200 Watt power supply
- Great power supply for video games & video poker applications
- New Innovative Dual On/Off and Remote switch capable design
- One switch on back and other on front of power supply to allow easy access to turn power On/Off
- Additional 8 Circuit Molex plug with +5vdc and +12vdc outputs for additional accessories
- Dual AC input 115vac/230vac, selectable by switch
- AC plug for hook-up of Bill Validator, 110vac 1.0A
- Metal case - AT size
- Physical Size: 3-1/2" H x 5-7/8" W x 5-1/2" D
- Supplied with 6' long SJT power cord

Part Number	Description
80-0002-10	200 Watt Dual Switch and Remote Capable Power Supply

POWER SUPPLY FOR GOLDEN TEE® LIVE GAMES



- AC Input: 115/220-240V -, 7/3.5A, 60/50Hz
- MAX, DC Output: 300W (+3.3V & +5V=120W MAX)
- DC Output: +3.3V --- 20.0A(ORG), +5V ---- 20.0A(RED), +12V1 --- 8.0A(YEL), +12V2 --- 14.0A(YEL/BLACK), +5Vsb --- 2.0A(PURP), -12V --- 0.8A(BLUE)
- Approvals: TÜV, CE, CSA
- ATX size; Includes line cord
- I.T. Ref. No. 745-000915

Part Number	Description
80-1247-60	300 Watt Power Supply for Golden Tee® Live

RETROFIT SECURITY HASP FOR GOLDEN TEE® GOLF



- Shackle protector and low profile mounting virtually eliminates break-ins
- Uses existing hardware on the game
- Made in the USA from 1/4" laser cut steel
- Black wrinkle powder coat paint matches the game's finish
- Uses hidden hinge for added security
- Laser cut smooth edges for safety

Part Number	Description
30-0004-01	Retrofit Security Hasp - Golden Tee®

POWER SUPPLY FOR GOLDEN TEE® FORE 2003 GAMES



- Original replacement for dedicated games with a Red PCB. Will not work for original Green PCB.
- DC Output: 3.3V 14A, 5V 25A, -5V .5A, -12V 1A, 5Vsb 1.5A
- Switch selectable AC input 115VAC/230VAC
- Overload protected
- ATX size
- 267 watts
- Size: 5.9" L x 5.5" W x 3.3" H
- UL, TUV, CE approvals

Part Number	Description
80-1247-00	Power Supply for Golden Tee Fore 2003

EXTERNAL SUPER ALLWRITE DRIVE

New



- Used with new Golden Tee Live game updates
- Supports DVD+R / DVD+RW/ DVD-R/ DVD-RW/ DVD+R9/ DVD-R9/ DVD- RAM/ DVD-ROM/ CD-R/ CD-RW/ CD-ROM format
- The drive has a portable design which allows you to take anywhere
- Includes USB 2.0 standard connection
- Plug & Play, and emergency manual eject function

SPECIFICATIONS	
Interface	USB 2.0
CD-R	48X
CD-RW	24X
DVD+R	24X
DVD+R9	12X
DVD+RW	8X
DVD-R	24X
DVD-R9	12X
DVD-RAM	12X
DVD-RW	6X

SPECIFICATIONS	
Buffer Size	2MB
System Requirements	Windows 2000/XP/Vista
Dimensions	6.6" W x 2.3" H x 7.8" D (168 x 57.5 x 197.71 mm)
Weight	2.4 lbs (1.1Kg)
Warranty	1-Year Limited Warranty

Part Number	Description
49-2510-10	External Super Allwrite Drive

REPLACEMENT PARTS FOR INCREDIBLE TECHNOLOGIES





710000900



825000205



95-1019-00



95-0311-00



835000205

Part Number	Description
43-0094-00	Nut hex 6-32 (body)
43-0095-00	Screw 8-32 x 3/8 t-10 torx (body)
43-0253-00	Nut hex 10-32 jam nylock (pump)
43-1248-00	Screw 10-32 x 1-1/4 bh torx (pump)
43-1294-00	Screw 6-32 x 5/16 bh torx (body)
525000800	Boot ROM For Incredible Tech 05 Golf
58-0090-SH	Bezel Assembly With Nut Red Long Horizontal No Switch
58-0091-SH	Bezel Assembly With Nut White Long Horizontal No Switch
710000915R	Heat Sink Fan Assy For CPU Board
710000900	Replacement CPU Fan With Heat Sink For Silver Strike
745000275	Power Supply for Silver Strike with Serial Hard Drive
745000915	Power Supply Golden Tee Live 350W 24-Pin
750250002	Bezel Golden Tee Live
755000915	Cooling Fan 12VDC 3.62" X .98"
760000293	Flash Drive GT Unplugged 2009 Update
760007104	New Style Card Reader
760250298	Flash Drive GT Unplugged 2009 Update
760298307	Flash Drive GT Unplugged 2010 Update
77-0000-222LIT	IPB Small Circle LP Blue BL 6V White LED .250 MS No Text
77-0000-255LIT	IPB Small Circle LP Yellow YL 6V White LED .250 MS No Text
825000205	Control Panel Overlay Red & Blue
825100250	Overlay Decal Golden Tee Live (37" x 17")
825100291	Control Panel Overlay For Target Toss
825100265R	Overlay Decal Silver Strike Bowling (37" X 18")
825100294R	Overlay Decal Golden Tee Unplugged (37" X 18")
825100295R	Overlay Decal Power Putt Golf (37" X 17")
835000205	Golden Tee Fore Add On Decals
835000265	Decals For Silver Strike
845000291K	Control Panel Plexi Overlay Target Toss Pro Bags
845100295R	Control panel overlay for IT Power Putt

Part Number	Description
845000265	Control Panel overlay Silver Strike Plexi with Artwork
861000234	Start Button Big Buck Hunter
885000030	Trackball Plate
900003000	Video Card
900010235	Haed Drive For Carnival King
900010238	Hard Drive For Golden Tee 2002
900010242	Hard Drive ITS 2003
900020255	Haed Drive For Golden Tee 2004
900020266	Hard Drive For Golden Tee Fore 2005
900040283	Hard Drive Golden Tee Fore Complete
900080265	Hard Drive Loaded Silver Strike Bowling
900080293	Hard Drive, GT LIVE 2008 & GT Unplugged
900080298	Hard Drive, GT LIVE 2009 & GT Unplugged
900080307	Hard Drive, GT LIVE 2010 & GT Unplugged
900250903	Control Panel Sub Assembly GT Live
900265100	Silver Strike Bowling Control Panel Assembly
900291100	Complete Control Panel for Target Toss Pro
900294100	Golden Tee Live 2008 UnPlugged Control Panel
900295100	Control panel, fully dressed, Power Putt
900910050	Antenna, complete kit for Silver Strike
915000285	Cable Assy, Audio Cable, 6 ft 2 RCA to 2RCA Plug
915250204	Cable Assy, I/O Power For Kits
915000173R	I/O to Trackball / Trackball Cable
915000350R	Component Cable 12'
95-1019-00	Optic Board
95-1493-00	Switch, Trigger & Pump
96-0311-00	Trigger Spring
96-0774-00	Trigger
96-0796-00	End Cap, Black Pump Rifle
999000150	27" Monitor Safety Glass

KONAMI REPLACEMENT PARTS

REPLACEMENT HOSE FOR KONAMI MOCAP BOXING

- Special design provides increased durability over the original Konami assembly
- Includes hose, harness and swivel assembly
- Easy to install, simply remove the original hose assemblies and install the new Suzo-Happ assemblies



Part Number	Description
95-1845-00	Replacement Hose for Mocap Boxing

REPLACEMENT SHOTGUN FOR KONAMI CRYPT KILLERS

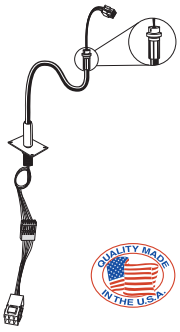
- Will replace original shotgun for Konami Crypt Killers
- Orange gun with black pump action handle
- New innovative “inductorless” optic sensor board for increased reliability and accuracy
- Overall length 14"
- Durable rubber hose
- Made in USA



Part Number	Description
96-0424-00	Replacement Shotgun for Konami Crypt Killers

REPLACEMENT HOSE FOR KONAMI TERABURST

- Special design provides increased durability over the original Konami gun hose assembly
- Includes hose, harness and rectangular mounting plate
- Easy to install, simply remove the original assembly and install the new Suzo-Happ hose assembly
- Made in USA



Part Number	Description
95-1608-00	Konami Teraburst Gun Hose Assembly with 37" Hose
95-1608-50	Konami Teraburst Gun with 50" Hose
312815	Replacement Trigger Switch

REPLACEMENT POWER SUPPLY FOR CROSSFIRE MAXIMUM PAINTBALL

- 12v 8A
- Approved by UL and CSA
- 300 watts of power
- Complied with ATX and ATX12v standard
- High efficiency and reliability
- Remote On/Off function
- Internal 12V DC fan included
- Low noise and ripple
- Re-settable power shut down
- 5.9" W x 3.4" H x 5.5" L



Part Number	Description
760-6103-00	300W Power Supply

LAMP FOR KONAMI 911 GAME

- 25T8DC
- 25 watt, 120 volts
- Color: Clear
- DC Bayonet base



Part Number	Description
91-0903-00	Lamp for Konami 911 Game

REPLACEMENT PARTS FOR LAI



EA0547



EA0533

Part Number	Description
BA2601	Pcb51 2Cm 4 Digit Display
BA2602	Pcb59A Sb Prize Sensor Master
BA2603	Pcb59B Sb Prize Sensor Slave
BAFB82A	Pcb Blue Led Display Stacker Club
BAFB89A-GNT	Pcb New Pld Prize Sensor Master
BAFB89B-GNT	Pcb New Pld Prize Sensor Slave
EA0312	Lamp Holder Downlight Swivel Action
EA0533	Button, Push Start/Stop
EA0547	Push Button Red S9205D5
EA1155D	Prize Dispenser Arm Locking Pin
EA1155I	Prize Dispenser Arm Lock Pin Small
EE2413	Red Cube Led For Bab82-Stk
EE2414	Cube Led Blue Color P/N Royal B-4012Ur-3V
EP0009	Tag Pin Loop Lock 105 (Zip Ties) 500 Count
HM1602	Basketball No. 5
HM1605A	Basketball No. 3 W/Logo Snj Jr
HP0012	Plastic Ball Dia: 65Mm
HP2861	Bowling Ball For Super Strike 4" Red & Black Marbled
SBMEDIA	Media Paper For Star Blitz (600Ct)

REPLACEMENT PARTS FOR MERIT

1.97" 5V COOLING FAN FOR MERIT

New

- Used in Bally slot machines and Merit EVO games
- 2-wire with connector
- 5 VDC; 0.16A
- Size: 1.97" x 1.97" x 0.39" (50mm x 50mm x 10mm)


Connector



Part Number	Description
SB0611-01	Cooling Fan for Merit EVO Games

2.36" 12V CPU COOLING FAN FOR MERIT ION GAMES

New

- Replacement ball bearing CPU fan with heat sink
- 12V, 3-wire with connector
- Size: 2.36" x 2.36" x 0.98" (60mm x 60mm x 25mm)
- Replaces Merit numbers SB0530-01, EC9401-10, EC9401-09, EC9407-03


Connector



Part Number	Description
80-0006-60	CPU Cooling Fan for Merit ION Games

2.36" 12V CPU COOLING FAN FOR MERIT

New

- CPU cooling fan for Merit Radion Force, Trivia, Vibe
- 3-wire (red, black, yellow) ball bearing fan with connector
- Replaces Merit EC940101
- RoHs compliant
- Size: 2.36" x 2.36" x .39" (60mm x 60mm x 10mm)
- 12V, 0.06 amps, 4700 RPM, 23.30 CFM


Connector



Part Number	Description
80-0006-41	CPU Cooling Fan for Merit

1.57" 12V COOLING FAN FOR MERIT POWER SUPPLIES

- Replacement cooling fan for the following Merit power supplies:
  Ion Aurora (SB0539-01)
  Ion Evo, Ion Elite Edge, and Ion Evo Wallette (SB0539-02)
  Force Evo, Force Elite Edge, and Force Evo Wallette (SB0540-01)
- 12VDC
- Size: 1.57" x 1.57" x .79") (40mm x 40mm x 20mm)
- Comes with a 2 pin connector



Part Number	Description
80-0006-23	Cooling Fan for Merit Power Supplies

3.15" 12V COOLING FAN FOR MERIT POWER SUPPLY

- Replaces FD8015B12W3
- Size: 3.15" x 3.15" x .59" (80mm x 80mm x 15mm)
- Sleeve bearing
- 12VDC
- 3500 RPM, 45 CFM
- 2-Wire without connector



Part Number	Description
80-0006-35	Cooling Fan for Merit Power Supply

1.97" 12V COOLING FAN FOR MERIT

- Ball bearing fan used in Merit Megatouch for the CPU board
- Will work on WMS Bluebird Machines
- Size: 1.97" x 1.97" x .39" (50mm x 50mm x 10mm)
- 12V, 0.16A
- 2-Wire without connector



Part Number	Description
80-0006-15	CPU DC Cooling Fan

2.05" 12V COOLING FAN FOR MERIT

- Sits Behind Touchscreen
- Size: 2.05" x 2.05" x 0.39" (52mm x 52mm x 10mm)
- Used In Merit Evo Games
- 2-Wire with connector
- 12 VDC


Connector



Part Number	Description
SA0470-01	Cooling Fan for Merit

REPLACEMENT PARTS MERIT

REPLACEMENT POWER SUPPLY FOR MERIT MEGATOUCH XL

- Replacement for Merit MegaTouch XL
- AT style with fan and remote switch
- Manufacture Reference EC7528-02
- +5v 26A, +12v 9A, -5v 0.5A, -12v 0.5A
- 250 watt



Part Number	Description
80-0312-00	Power Supply for Merit Mega Touch XL

REPLACEMENT POWER SUPPLY FOR MERIT RADEON FORCE

- Exact Replacement for Merit Radeon Force
- Manufacture Reference EC7531-03
- AT style with fan
- +5v 10A, +12v 2.5A, -12v 0.3A, +5vsb 0.8A, 3.3v 7A
- 110 watt



Part Number	Description
80-0312-03	Power Supply for Merit Radeon Force

MERIT TOUCH SCREEN



Part Number	Model Number	Description
49-7032-AT	SA9824-01	13" MicroTouch Touch Screen Mask for Merit XL and MAXX Games

JOYSTICK FOR MERIT EVO ION AND ELITE EDGE ION



Front



Back

- Original OEM replacement from Merit

Part Number	Description
50-4083-00	Joystick for Merit Evo Ion and Elite Edge Ion

Part Number	Merit Ref. No.	Merit Replacement Part
TOUCH SCREENS & CONTROLLERS		
49-1746-10	-	Controller for Megatouch XL
49-2271-00	-	17" 3M Flat Touch Screen for Fusion
49-2665-00	-	Touch Screen Controller
49-4035-00	SB0016-01	Merit Touch Screen Tape Kit
49-5099-00	EC9850-01 & EC9850-04	15" 3M Flat TS for Easy Maxx & Fusion Ion, Force Elite Edge, Force Evo and Evo Wallete
49-5346-00	-	18V Touch Screen for Megatouch
49-6199-00	EC9850-03	15" 3M Touch Screen for Force Radion
49-7032-AT	SA9824-01 & SA9824-02	13" 3M Touch Screen for Megatouch XL, Force Max & Blue Max
POWER SUPPLIES		
80-0312-00	-	Power Supply for Megatouch XL and Maxx
80-0312-03	EC7531-03	Power Supply for Force, Radion Force, Vibe and Megatouch Force
80-0312-04	EC7529-01	Open Frame Power Supply
80-0312-06	-	Power Supply for EVO Plus
80-0312-10	EC7538-01	Power Supply for Ion Games
92-2084-00	-	Vastech Deluxe ATX Power Supply Tester
SB0539-02	-	Merit 300W Power Supply Kit for ION Aurora
SB0540-01	-	Merit 300W Power Supply Kit
HARD DRIVES		
PA3017-02	-	Force 2004 2K4.5 Hard Drive
PA3021-02	-	Force 2005.5 Hard Drive with Texas Hold'em
PA3024-01	-	Force 2006 Hard Drive
PA3014-02	-	Force/Ruby Hard Drive 2003-5V 11.0
COOLING FANS		
80-0006-15	-	CPU Cooling Fan for Megatouch
80-0006-16	-	Cooling Fan for Merit XL Series
80-0006-23	-	Fan for Merit Power Supply
80-0006-35	SA5117-05	Fan for Merit Power Supply
80-0006-40	SA0320-01	Cooling Fan for Radion Force
80-0006-41	EC940101	CPU Cooling Fan for Merit Force
80-0006-60	SB0530-01	Fan for Merit ION CPU
80-0006-63	EC9407-04	Fan f/Merit MegaTouch Wallette w/o Heat Sink
EC0226-01	-	Merit Fan Assembly Dual
SA0470-01	-	Fan for Evo Games
SA0470-03	-	Fan for Merit EVO Game
SB0530-01	-	Fan for Merit ION
SB0611-01	-	Fan for Merit EVO Game
MISC PARTS		
42-6914-00	EC9154-02	12V Meter with Diode, No Bracket
42-7382-00	HW8227-02	MEI Downstacker 120VC $1,2,5,10,20 500-Bill Capacity AE2631D5E
42-7434-00	-	MEI Upstacker 120V $1,2,5 AE2411U5E Used in Blue Maxx Countertop
49-2510-10	-	External DVD-Rom/CD-RW Drive
49-6199-00	-	Touchscreen 15" Trivia Radion
50-4083-00	SB0443-01	Joystick for Evo Ion and Elite Edge Ion
58-9166-L	SW3044	Black Pushbutton w/Horizontal Microswitch
80-0006-40	-	Dual Fan Radion Ct
80-1205-RA	-	6 ft Power Cord, Right Angle on Female End
91-1228-00	EC7012	Ballast for 15-20 Watt Single Preheat Lamp Clamped Core
EC0092-02	-	Merit On/Off Switch Assembly
HW8993-02	-	Lazy Susan
HW8018-01	-	Pad for Lazy Susan
MP0121-02	-	Coin Return for Merit Aurora
SA10042-01	-	Optical Coin Sensor Board for Radion Force



SUZO-HAPP GROUP

Service Group

MIDWAY / ATARI GAME BOARDS AND HARD DRIVES

Midway and Atari game boards and hard drives 1995 and newer, both electronic related and operator questions (settings, failure codes, etc.)

For other game boards, call for details.

EPROMs available for most Midway and Atari video games.

- No pinball repairs
- $50.00 minimum charge on PC boards
- $40.00 minimum charge on hard drives
- Repairs are done in our Mount Prospect service center
- 30-day warranty on all repairs
- Repair plus replacement parts $125.00
- No Fault Found/Can not be repaired $50.00







Note: Please phone or fax Suzo-Happ customer service for an RMA form and number. In order to properly handle your repair, your return must have an RMA number on it.

REPLACEMENT PARTS FOR MIDWAY

BEZEL



Part Number	Description
03-9917	Bezel, Rush 2049

ILLUMINATED PUSHBUTTONS



Part Number	Description
20-10129-1	IPB: Med/Rnd/Green "START"
20-10129-2	IPB: Med/Rnd/Orange "RADIO"
20-10127-1	IPB: Rect/Red "LO RIDER"
20-10127-2	IPB: Rect/White "VIEW 2"
20-10127-3	IPB: Rect/Blue "SKY HI - VIEW 3"
20-10127-2	IPB: - White - Cruis'n USA
20-10129-1	IPB: - Start - Cruis'n USA
20-10127-1	IPB: - Red - Cruis'n USA
20-10129-2	IPB: - Radio - Cruis'n USA
20-10127-3	IPB: - Blue - Cruis'n USA



MOTORS



Part Number	Description
50-4043-00	#14-8029, Cruis'n USA, Cruis'n World, Code One, Cruis'n
50-4013-00	#14-8039. Rush 2049, HydroThunder, Arctic Thunder, Exotica, California Speed

OPTICAL GUN PARTS FOR MIDWAY



Part Number	Description
96-0301-00	Trigger, Black, 03-9740.2-3
96-0299-00	Cap, Black
04-12388.2	Gun PCB Assembly
96-0308-00	Gun Pump Spring, 10-529
96-0068-00	Gun Lens, 20-10426

TRACKBALL



Part Number	Description
56-0110-11	Trackball, High Ball for Grid (20-10683)

PEDAL ASSEMBLY



Part Number	Description
50-8194-03	Pedal Assembly - Cruis'n Offroad Upright, 20-10161

REPLACEMENT PARTS FOR MIDWAY

POTENTIOMETERS



50-2670-00

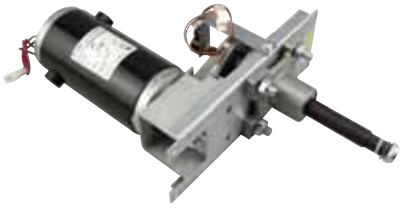
Part Number	Description
50-8056-00	Potentiometer, Long Life, 5K Ohm, 119008-1001
50-2670-00	5K NEI Pot Road Burners H/BAR, 5014-16383-00
50-3127-00	1K Potentiometer Road Burners Pivot Mech, 5014-16384-00
96-4916-00	Potentiometer Exotica, 20-10186

ARCTIC THUNDER GRIPS



Part Number	Description
95-1457-00	Arctic Thunder Grips

STEERING ASSEMBLIES



Part Number	Description
50-8593-50	Motorized Steering Sub Assembly (No Hoop, Cap or Hub), Cruis'n Exotica, Offroad Thunder and Rush Series 20-10627
95-0999-00	Motorized Steering Sub Assembly Artic Thunder, 20-10688

SHIFTERS

MIDWAY



Part Number	Description
50-8496-00	4-Speed Shifter Cruis'n USA, 20-10141
50-8496-01	4-Speed Shifter Rush Series, 20-10369

SEATS

MIDWAY



04-12950

04-10630

04-12452-3

Part Number	Description
04-10173	Molded Black - Cruis'n World, Offroad Challange
04-10630	Molded Green - San Francisco Rush & Rock
04-11100	Molded Teal - Hydro Thunder Molded Purple - Cruis'n Exotica
04-12452-4	Molded Black – Cruis'n Molded Yellow - Offroad Thunder
04-12950	Seat, Arctic Thunder

For Our Complete Selection of Seats See Pages 211-214

HARD DRIVES

MIDWAY



Part Number	Description
A-22163	AREA 51
A-22509	AREA 51 SITE 4
A-23435	BLITZ 2000
A-23430	BLITZ 2K / NBA SHOWTIME
A-22080	CALIFORNIA SPEED
A-22331	CARNEVIL
A-23701	C.A.R.T. FURY
A-22402	GAUNTLET LEGENDS
A-23602	GAUNTLET DARK LEGACY
A-21676	MAX FORCE
A-22095	MAX FORCE / AREA 51
A-22694-1	NBA ON NBC / BLITZ 99
A-23703	NBA ON NBC GOLD
A-23350	OFFROAD THUNDER
A-22829	ROAD BURNERS
A-22165	SAN FRANCISCO RUSH
A-23195	SAN FRANCISCO RUSH 2049
A-21942	SAN FRANCISCO RUSH / ROCK
A-23453	SKINS
A-23344	TOUCHMASTER INFINITY
A-22117	VAPOR TRX

REPLACEMENT PARTS FOR NAMCO

namco®



FF90-06774-00



CY90-03760-00

Part Number	Namco Part No.	Description
694-990	694-990	Gun Half Left For Crisis Zone
694-991	694-991	Gun Half Right For Crisis Zone
95-0424-00	24305015-00	Cybercycle Throttle Spring
96-0454-00	PB09-296-467	Sensor For Time Crisis Pcb
96-0546-00	PB09-296-401	Gun Harness
BL03-12300-92	BL03-12300-92	Replacement Blade
BL68-12344-00	BL68-12344-01	String Back Barber Cut
BL95-12713-00	BL95-12713-00	Blade Holder "D"
CZ-37-09328-00	CZ-37-09328-00	Ccd Camera Assembly
FO90-11924-00	FO90-11924-00	Ball, Family Bowl 2
JJ05-11670-00	JJ05-11670-00	Pcb, Transmitter Tx15 Assy.
JJ05-11671-00	JJ05-11671-00	Pcb, Receiver Rx15 Assy.
JJ90-11937-00	JJ90-11937-00	Smoke Sensor Cover
JJ90-11982-00	JJ90-11982-00	Strip Plastic, Jj Base
MB43-11134-00	MB43-11134-00	Maxuitune 1,2 Cards, Box Of 200
MB43-1195200CARD	MB43-11952-00	Maxuitune 3 Cards, Box Of 200
PB03-03141-00	PB03-03141-00	Assy, Gun Pink
PB03-03141-01	PB03-03141-01	Assy, Gun Blue
PB09-0040-56	PB09-004-056	Solenoid
PB09-0342-6	PB09-03426-00	Gun Slide, Left, Pink
PB09-0342-7	PB09-03427-00	Gun Slide, Right, Pink
PB09-0342-8	PB09-03428-00	Gun Slide, Left, Blue
PB09-0342-9	PB09-03429-00	Gun Slide, Right, Blue
PB09-0343-0	PB09-03430-00	Gun Cover, Left, Pink
PB09-0343-1	PB09-03431-00	Gun Cover, Right, Pink
PB09-0343-3	PB09-03433-00	Gun Cover, Right, Blue
PB09-0345-2	PB09-03432-00	Gun Cover, Left, Blue
PB09-296-402	PB09-296-402	Gun Harness Asy (Silver Metal)

Part Number	Namco Part No.	Description
PB09-296-426	PB09-296-426	Lens
PB90-04836-00	PB90-04836-00	Trigger, Pink
PG40-09626-00	PG40-09626-00	Decal, Control Panel Overlay
PG40-09629-00	PG40-09629-00	Decal, Cabinet, Right Galaga
PG40-09630-00	PG40-09630-00	Decal, Cabinet, Left Ms Pacman
SM75-10100-00	SM75-10100-00	Potentiometer 5K Pot On Pcb
TF05-11689-00	TF05-11689-00	Light Recieveing Unit, Tc4
TF05-11689-01	TF05-11689-01	Lens Only
TF091167400	TF09-11674-00	Gun Body Cover Left Red
TF091167500	TF09-11675-00	Gun Body Cover Right Red
TF09-11676-00	TF09-11676-00	Gun Slide Left Red
TF09-11676-01	TF09-11676-01	Gun Slide Right Red
TF091167700	TF09-11677-00	Gun Body Cover Left Blue
TF091167800	TF09-11678-00	Gun Body Cover Right Blue
TF09-11679-00	TF09-11679-00	Gun Slide, Blue Left
TF09-11679-01	TF09-11679-01	Gun Slide, Blue Right
TF09-11690-00	TF09-11690-00	Solenoid
TF50-11688-00	TF50-11688-00	Gun Harness Assy. Tc4
TF90-11680-00	TF90-11680-00	Trigger Finger Lever Red
TF90-11681-00	TF90-11681-00	Trigger Finger Lever Blue
TI05-11580-00	TI05-11580-00	Gun Assy,Time Crisis 4 Red
ti05-11580-01	TI05-11580-01	Gun Assy,Time Crisis 4 Blue
TI05-11581-00	TI05-11581-00	Led Board, Time Crisis 4
VG75-03824-00	VG75-03824-00	Pot,1K 60 Deg,
VG75-07050-00	VG75-07050-00	Pot 1K,280Deg.
VG8011244	VG80-11244-00	Joystick 8-Way (Red)
VG84-10453-00	VG84-10453-00	Dvd Drive
VG90-04931-00	VG90-04931-00	Trigger, Blue

NAMCO GUN LENS

- Original NAMCO lens
- Used on Time Crisis I, Time Crisis II and Point Blank

Part Number	Description
PB09-296-426	NAMCO Gun Lens

2.5" SWIVEL CASTER FOR MIDWAY GAMES

- Used on most Midway game cabinets
- Durable stainless steel construction
- Can handle loads up to 175lbs



Part Number	Description
20-10360	2.5" Swivel Caster for Midway Games

REPLACEMENT PARTS FOR NAMCO

REPLACEMENT BRAKE LEVER

- Namco ref. # 22946016-00
- Used on Atari Superbike, Namco Cybercycle and Motocross Go
- Color: black



Part Number	Description
95-0448-00	Replacement Brake Lever

NAMCO TACH COVER

- Used on NAMCO Cybercycles
- New and improved durable steel reinforced design
- Made in USA



Part Number	Description
CY90-03761-001	Tach Cover

NAMCO CYBERCYCLE SEAT

- Black Plastic
- New ribbed design for added strength
- Original OEM replacement
- Made in USA



Part Number	Description
CY90-03760-00	Cybercycle Seat

NAMCO FINAL FURLONG HORSE HEAD

- New updated design
- Smaller non-breakable ears
- Color molded eyes, no decals required
- Made from thermo-plastic elastomer
- Available in brown or gray
- Made in the USA



Part Number	Description
FF90-06774-00	Final Furlong Horse Head-Brown
FF90-06774-01	Final Furlong Horse Head-Gray

REPLACEMENT PARTS FOR SEGA

NIPPON LAMPS FOR SEGA



390-65790565R



390-65790999R

- Original OEM replacement parts
- Used on Star Wars and Daytona Deluxe (390-65790565R only)

Part Number	Description
390-65790565R	Nippon Lamp FLR25T6R
390-65790999R	Nippon Lamp FLR42T6R

REPLACEMENT LAMPS FOR SEGA-SAMMY

- Bulb for SEGA Top Skater 110V 25R12-12V-SCB
- Replaces 3905705



Part Number	Description
91-1077-00	Replacement lamp

REPLACEMENT 5K POT FOR SEGA GAMES

- Longer life design
- 1,000,000 cycle life
- Same as 220-5484 or 220-5374



Part Number	Description
220-5373	Replacement 5k Pot for Sega Games



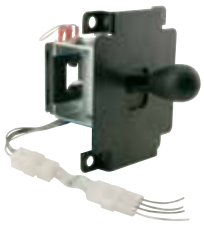
REPLACEMENT PARTS FOR SEGA



KR-1127

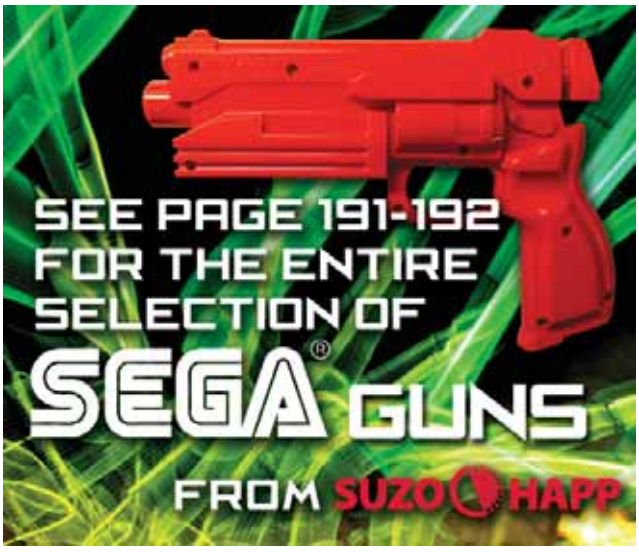


JPT-2030



50-8500-00

Part Number	Description
000-P00308-0B	Screw Virtua Cop Gun M3X8
50-8500-00	Shifter Super GT Daytona Etc.
96-2300-12SG	Gun Blue, House of the Dead
125-5124	Spring
253-5406-01	Trigger Blue
253-5406-02	Trigger Red
43-50-303	Holster for 27" Sammy Gun
509-5003	Turbo Boost Switch, Green
509-5218	Start Button
509-5561-Y	Pushbutton Yellow with Switch
509-5779-BL	Button Music Select Harley Davidson
509-5779-GR	View Button Harley
509-5779-RE	View Button Harley
509-5779-YE	View Button Harley
601-5943	Gear
601-6005	Gear Adjust for G-Spot
838-11145	Gun PCB Virtua Cop
999-0836	Gun Red Universal, Lost World
999-0857	Cable-Gun (House Dead III)
DYN-1222	Shift Cover A
DYN-1223	Shift Cover B
DYN-1303	Spring
DYN-2169	Side Plate
FAS-500006	Cap Nut (9 per Gun)
JPT-2030	Sensor Board for Gun, Lost World
KR-1127	Gear Large Nylon with Brass Insert



SHUFFLE ALLEY

BOWLING PIN FOR CHICAGO COIN

- Made from low density plastic
- Overall length: 10"
- Mounting hole centers: 1.42"
- White plastic with red imprinting
- Made in USA



Part Number	Description
51-0306-00	Bowling Pin for Chicago Coin

SHUFFLE ALLEY SIDE RUBBER

- Adhesive backed
- 93.5" long
- Williams Ref # 03-7234
- Black rubber
- Made in USA



Part Number	Description
25-2002-00	Shuffle Alley Side Rubber

SHUFFLE ALLEY REBOUND RUBBER



- Will work on Williams Shuffle Alleys
- Williams Ref. No. 23-6456
- Black Rubber
- Length: 22.13"
- Made in USA

Part Number	Description
25-2001-00	Shuffle Alley Rebound Rubber

METAL COVER FOR WILLIAMS SHUFFLE ALLEY



- Williams ref# 01-8065
- Mounting holes are pre-drilled
- 24" L x 6" D
- Made in USA

Part Number	Description
01-8065	Metal Cover for Williams Shuffle Alley

SHUFFLE ALLEY

BOWLING PIN FOR WILLIAMS SHUFFLE ALLEY

- Replacement for Williams or United shuffle alley
- White plastic with red imprinting
- Overall length: 10"
- Mounting hole centers: 1.84"
- Made in USA



Part Number	Description
31-1445.1	Bowling Pin for Williams or United Shuffle Alley

EXTRA LARGE BOWLER PUCK

- 2-7/8"
- Rounded playing edge
- Red insert
- Bright chrome finish
- For use on bowling game



Part Number	Description
260001	Extra Large Bowler Puck

SHUFFLEBOARD PUCKS



- Heavy Chrome plated steel
- Plastic-topped caps
- High quality
- Set of 8 (4 Red / 4 Blue)
- Balanced for better feel and control

Part Number	Description
26-1138-00	American Made Shuffleboard Pucks
26-1450-00	Economy Shuffleboard Pucks

ORANGE SHUFFLE PUCK

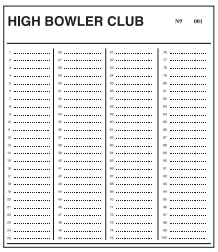
- Used on Interactive Light Slide-It game
- Made from Delrin material



Part Number	Description
26-1520-00	Orange Shuffle Puck

HIGH BOWLER NUMBERED CARDS

- Used to list players scores and rankings
- Winning number under gold "scratch-off" seal
- 100 or 200 names per card



Part Number	Description
27-1112-100	100 Names
27-1112-00	200 Names

MILLS PINBALL PLAYFIELD WAX & CLEANER

- Excellent one step playfield wax and cleaner
- Great cleaner for rubber rings
- Non-abrasive
- 16 oz. squeeze bottle
- 12 per case



Part Number	Description
29-1040-00	Mills Pinball Playfield Wax & Cleaner

WILDCAT #125 PLAYFIELD CLEANER & POLISH

- Excellent in cleaning pinball playfields
- Excellent for removing and cleaning up wax buildup in vending machines "price tab holders"
- New style bottle prevents evaporation
- 12 per case



Part Number	Description
25-1333-00	Cleaner & Polish (Half Size)

SUN-GLO, SHUFFLEBOARD WAX

Listed In Order of Speed



SUPER-GLIDE SHUFFLEBOARD WAX

- Best shuffleboard wax anywhere
- Fastest wax from Sun-Glo®
- Pure silicone ball bearings
- Shaker top allows even dispensing
- 1 lb. Cans; 24 per case



TOURNAMENT GOLD SHUFFLEBOARD WAX

- Approved by champions
- Extremely fast, but still allows intensive control
- High-Quality wax created especially for tournament play
- Not for dance floors
- Easy pour top allows even dispensing
- Second fastest Sun-Glo® wax
- 1 lb. Cans; 24 per case



BROWN BEAR SHUFFLEBOARD WAX

- Another best seller of Sun-Glo® products
- Third fast wax from Sun-Glo®
- Perfect for a fast game with solid control
- Shaker top allows even dispensing
- 1 lb. Cans; 12 per case



5-STAR SHUFFLEBOARD WAX

- A traditional favorite of shuffleboard players
- Slower formula allows more control
- Shaker top allows even dispensing
- Fifth fastest wax from Sun-Glo®
- 1 lb. can; 12 per case



BOWLER SHUFFLE ALLEY WAX

- Provides a waxed surface without high speed
- Designed for older bowling shuffle alley games
- Shaker top allows even dispensing
- Contains no silicone balls
- Slowest wax in the line-up
- 1 lb. Cans; 24 per case



MASTER GLAZE LIQUID WAX

- First step to revitalize the shuffleboard
- Creamy rich liquid polishes to a high glaze
- Apply first, then maintain with other Sun-Glo® waxes
- Quart size cans; 12 per case



SILICONE SPRAY

- Specifically designed for Shuffleboard games
- Fast drying, leaves no greasy or oily film
- Simply spray a light film on a clean surface, then reapply powder for a fast shuffleboard
- Eliminates tracking and saves powder
- 12 oz. net wt.; 12 per case

Part Number	Description
49-0469-00	Super-Glide Shuffleboard Wax, 24 per case
29-0269-00	Tournament Gold Shuffleboard Wax, 24 per case
49-0482-00	Brown Bear Shuffleboard Wax, 12 per case
29-1020-00	5-Star Shuffleboard Wax, 12 per case
29-1057-00	Shuffle Alley and Bowler Wax, 24 per case
29-1034-00	Master Glaze Liquid Wax, 12 per case
29-1089-00	Silicone Spray, 12 per case

REPLACEMENT PARTS FOR WACKY GATOR



520-0097-00



260-0009-01



545-0013-00

Part Number	Description
080-0003-00	Wacky Gator Motor
260-0008-01	Roller Tire for Slope on Wacky Gator
260-0009-01	Rollers for Body on Wacky Gator
267-0003-00	Open Spring for Wacky Gator
267-0004-00	Absorber Spring for Wacky Gator
280-0008-00	Black Rubber Body Stopper
280-0020-01	Brass Bushing for Open Shaft
280-0022-00	White Plastic Bushing for Roller Shaft
2850002	Cushion Side Wacky Gator
285-0002-00	Side Cushion for Wacky Gator 1" x 1" Black Foam
285-0004-00	Cushion (B) Tongue for Wacky Gator 1 1/4" x 2 1/4" Black
285-0005-00	Cushion (C) Chassis for Wacky Gator 1 1/2" x 2" Black Rubber
285-0015-00	Neck Cushion for Wacky Gator
285-0016-00	Cushion for Wacky Gator
285-0017-00	Suspension Cushion for Wacky Gator
406-0289-00	Decal Wacky Gator Eye Ster
520-0097-00	Data East Sensor PCB for Wacky Gator & Cosmo
530-0045-00	Open Shaft for Wacky Gator
545-0013-00	Head/Face for Wacky Gator
5450014	Body Green Wacky Gator Dax Tech
545-0043-00	Chin for Wacky Gator
545-0044-00	Tongue for Wacky Gator

PARTS FOR CRANE GAMES



42-7191-00



43-0593-00



91-1186-00

Part Number		Description
42-7191-00	-	Validator Label, $1 & $5, f/Rainbow Crane
43-0591-00	70-0035	Claw String for Big Choice Crane
43-0592-00	70-0001	O-Ring / Drive Belt for Big Choice Crane
43-0593-00	70-0178	Claw Coil Cable for Big Choice
49-0682-00	-	4 Amp Ceramic Fuse for Big Choice Crane
647007-1	-	Control Panel Overlay f/The Big One Crane
91-0914-00	70-0151	Lamp Socket for Big Choice Crane
95-0595-00	70-0072	Actuator #3 for Big Choice Crane
95-0596-00	70-0073	Actuator #4 for Big Choice Crane
95-0599-00	70-0019	Nylon Drive Gear for Big Choice Crane
CS-834	CS-834	Gripper Coil for Crane Games
CS-992	CS-992	Coil for Hollywood Crane
CS1121	CS1121	Claw Coil for Smart Candy Crane
91-1186-00	-	Crane Lamp, 48-60v,10w, Clear
91-1187-00	-	Marquee Lamp, 130v, 10w, Clear

REPLACEMENT PARTS FOR SKEEBALL GAMES


800773-3


HW3041


25020


SKEETOSS


SKEEBALL


800179-52

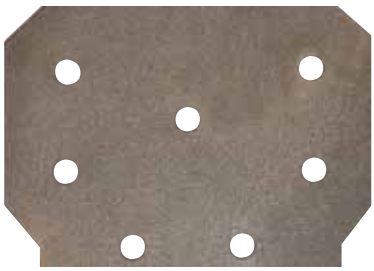

49-0489-20

Part Number	Description
25020	Skeeball Sandpad Set (Small, Medium, & Large)
3400126	Small Dome Power Of Tower Clear
100026-1	10 Point Ring For Skeeball 10" Classic
100026-2	20 Point Ring For Skeeball 10'
100026-3	30 Point Ring For Skeeball 10' Classic
100087-1	Classic Display Panel Skeeball
166016-13	Decal Level 1 Strike It Rich
166016-15	Decal Level 3 Strike It Rich
166016-16	Decal Level 4 Strike It Rich
200057-1	Ball Track Carpet Black Skeeball Tool
340012-10	Dome Top Tower Of Power Yellow
340012-11	Dome Bottom Tower Of Power Yellow
340012-8	Frosted Dome Used In Tower Of Power
380097-1	Decal Ssdlx Control Panel
380130-3	Gear Motor Skeeball Super Shot Bison Motor
470052-3	Stop Button Assembly Spin-N- Win
49-0489-20	Red Plastic Skeeball, 3"
600003-1	Connecting Rod Skeeball Solenoid To Release Arm
647007-1	Control Panel Overlay For The Big One Crane
8000056-10	5 Inch Speaker For Supershot
800065-2	Skeeball Lock And Key Set 2316
800065-4	Lock For Skeeball Bh754 Hardware And Key
800072-1	Skeeball Ball Release Spring
800090-2	7 Segment Led Display Skeeball
8001221	All Pink For Barnyard Babies Skeetoss
8001361	Skeeball Lane Black Number Set Classic 1 Thru 5/0
800134-1	Ball Deflector Skeeball
800179-18	Skeeball Gray Plastic 2 1/4" Ball
800179-52	Brown Plastic Skee Ball 3 1/8 Inch
800397-5	Kick Plate Trim Skeeball 2
800490-4	Coin Switch For Skeeball
800508-2	Coin Door With Frame Skeeball

Part Number	Description
80072-4	Skeeball Ball Release Spring
800773-3	Skeeball Ball Sensor Omron 415 Sensor
801067-1	Super Shot Reflector Tape Sold In Inches
801476-1	Super Shot Rotation Sensor
801535-2	Spin-N-Win Socket Ring
801535-3	Spin-N-Win White Lens Cap
801535-4	Spin-N-Win Lens Body
801542-1	Door Hinge Only Super Shot Jr
801542-2	Door Hinge Plate Super Shot Jr
801572-1	Spin-N-Win Lamp 130 Volt 10 W Skeeball
803400-17	Reducer Tower Of Power
803400-19	Hose Barb Adapter
810055-1	R26Mf2 Relay Ic Skeeball Spin-N-Win Light Board
903400-21	Clear Tubing 3/4" Id Tower Of Power
CA32387	Rotation Sensor Cable Super Shot
EA3144	Super Shot Hoop Sensor
EA-3233A	Skeeball Motor For Super Shot
EA3315	Skeeball Motor For Super Shot Jr Actuator
EA8268	Motor Spin And Win
GL2893	Super Shot Ball Guard Plexi
HW3041	Supernut For Supershot Worm Gear Traveler
IC5695	Rotation Sensor Super Shots
MA32416	Encoder Wheel Super Shots
MA32418A	Skeeball Motion 8 Sensor Kit
MOTION 8	Motion 8 Kit For Skeeball
NT2844	Super Shot Net
SKEEBALL	Skeeball, Standard
SKEETOSS	Ball Skee Toss Pink
SM-2950	Super Shot Rotation Sensor Bracket
SM5015	Bison Motor Mount Plate
SW3190	Limit Switch For Super Shot Basketball

SPIDER STOMPIN FOOT PLAYFIELD PLEXI

- Replaces original Island Design playfield plexi
- Clear anti-slip surface
- Made in USA



Part Number	Description
51-0309-00	Spider Stompin Foot Playfield Plexi

REPLACEMENT BULBS FOR SPORTS ARENA

- Keep your games earning potential to its maximum by replacing those burned out bulbs
- Each machine contains 57 Bulbs (6 Red, 51 Clear)
- Available in both Clear or Red bulbs
- 24 volts, 5 Watts



Part Number	Description
91-0051-00	Sports Arena Replacement Bulb, Clear
91-0050-00	Sports Arena Replacement Bulb, Red

REPLACEMENT PARTS FOR PLANET EARTH



MA2-0111



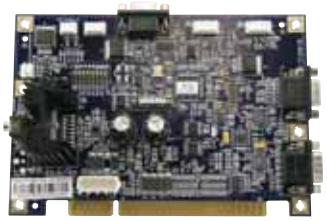
MA2-0111OR

Part Number	Description
BE1-0002	Blower Motor for Raptor Captor
BU2-0006	Raptor Captor Ball Strike
CA40094S	Sensor Claw
CA4-0099-L	Raptor Captor Large Score Hoop
CA4-0099-S	Raptor Captor Small Score Hoop Sensor
CA4-0099-S	Raptor Captor Small Score Hoop
CA4-0110	Paw sensor large Raptor Captor
CA4-0115-M	Spinner Motor Haunted House
GU2-0012-R	Gun Handle only For Raptor Captor
HA9-0026	Motor Dino Spin
HH1-0001	Gun Spring Set of 2 for Raptor Captor
HH6-0018-R	Playfield PAW Sensor Small
HH6-0018-Y	Hoop Sensor Raptor Captor
HH9-0042-CEC	Shooter Flapper and Pin Raptor Captor
HH9-0084-D	Belt for Dynospin Planet Earth
HH9-0109-C	Pirates Revenge Yellow Drive
H-NMC0-SSTPB	Button Slow/Stop/Skill Haunted House
MA2-0041	Motor, Spinner, Dynoscore
MA2-0041-RC	Raptor Captor Turntable Motor
MA2-0111	Raptor Captor Bladder, Set of 4
MA2-0111OR	Raptor Captor Bladder Ring Set of 4
MA2-0111OR	Raptor Captor Bladder Ring Set
MA20111R	Bladder Ring, Set Of 4
MA210632	Bladder Raptor Captor, Set of 2
MA210632R	Bladder Ring for Raptor Captor, Set of 2
MA4-0000-BB	Start Button Little League
NEI-0010-HM	Neon transformer spinner/ control Haunted Mansion
PC11007RC	4 digit display Raptor Captor
PC110254	Gun Amp Pcb Dynascore
PC1-1025-R	Ramp Sensor Raptor Captor
PC1-1025-RC4	Opto board Raptor Captor
PC120114	Board Sensor Gun
PC1-2040	Pirates Revenge Sensor Board Wheel Encoder
SK1-GSK	Spring Kit for Dynoscore Gun
SK1-PA	Pawl Kit used in Treasure Falls Game
TB10005	Motor Tier Treasure Falls
TB100051	Motor Snake Treasure Falls
TB10005RC	Motor Claw Raptor Captor
TB3-0002	Crank, Upper, Treasure Falcs
TB3-0007	Drive Gear 17 Tooth Cobra (middle tier) Motor
TB42004	Coin Switch Planet Earth Raptor Captor

RAW THRILLS I/O BOARD FOR BIG BUCK HUNTER

New

- Drives the gun system of the game
- Provides for the audio amplification of the game



Part Number	Description
500-00001-02	Raw Thrills I/O Board for Big Buck Hunter

RAW THRILLS I/O BOARD FOR FAST & FURIOUS / DRIFT

New

- Handles the inputs and outputs of the game
- Provides for full audio amplification of the game



Part Number	Description
500-00019-01	Raw Thrills I/O Board for Fast & Furious / Drift

RAW THRILLS H-BOOM BOARD FOR FAST & FURIOUS / DRIFT

New

- Drives the force feedback steering wheel system of the game
- Provides for the subwoofer amplification of the game

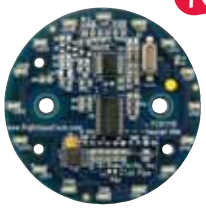


Part Number	Description
2-1-12-00-00-003	H-Boom Board for Fast & Furious / Drift

RAW THRILLS TAILPIPE BOARD FOR SUPER BIKES

New

- Collection of a total of 16 LEDs that flash Blue & White
- Fits in tailpipe of game



Part Number	Description
500-00004-02	Raw Thrills Tailpipe Board for Super Bikes

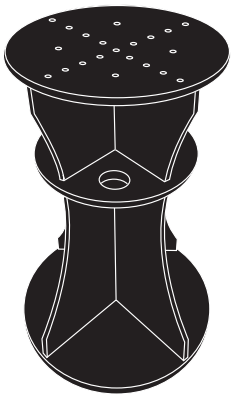
400 WATT POWER SUPPLY FOR GLOBAL VR GAMES



- Used on Need for Speed, PGA Golf, Madden Football, Vortec V3 and Six Guns Select
- Global VR reference # PS-ATX-1140H
- ATX size
- Switch selectable AC input 115VAC/230VAC
- UL recognized, CE and TUV approval
- RoHS compliant
- 1-Year warranty
- AC Input: 110-120 / 200-240V ~, 8.5 / 5A, 60 / 50Hz
- DC Output: 400 watts, +3.3V —- 28.0A (orange), +5V —- 30.0A (red), +12V1 —- 18.0A (yellow), +12V2 —- 18.0A (yellow/black), +5Vsb —- 2.5A (purple), -12V —- 0.5A (blue), P.G. Signal (Gray), Ground (Black), (+3.3V & +5V = 180W max), (+12V1 & +12V2 = 348W max)

Part Number	Description
80-1253-10	400 Watt Power Supply for Global VR

COUNTERTOP PEDESTAL



- Solution to those locations that don't want to give up their valuable bar top space
- Free standing sleek and attractive design enhances touchscreen & standard style countertops
- 3/4" black thermally fused melamine with double layered plywood base for increased stability
- Decorative black t-molding with brass in middle
- Four leg levelers to prevent tipping
- Pre-drilled holes for mounting lazy susan
- 2 drink holders included
- Overall height 40"
- Weight 60 lbs.
- Light assembly required

Part Number	Description
96-0435-00	Countertop Pedestal

SEAGATE 20 GB HARD DRIVE



- 5400 RPM spindle speed
- Seek time 12.7 ms avg
- Interface Ultra ATA/100
- SeaTools Suite diagnostic software
- SoftSonic FDB motor
- Enhanced G-Force Protection

Part Number	Description
5902-16506-10	HDD Seagate 20GB 5400 RPM



REDEMPTION MALLET



- Rugged construction with new improved durability
- Head Size 5.5" dia. x 5" tall
- Overall length 11-3/4"
- 48" security cable
- Blue cloth color

Part Number	Description
51-5000-00	Redemption Mallet

LARGE REDEMPTION MALLET



- Rugged construction with new improved durability
- Head Size 7" dia. x 6.5" tall
- Overall length 13-3/4" long
- 48" security cable
- Black cloth cover
- Replacement for Whac-A-Mole, Robo-Bop and Circus games

Part Number	Description
51-5001-00	Large Redemption Mallet

PLASTIC REFLECTIVE BAT



- Used on Interactive Light Home Run Derby and I.C.E. batting game
- Lightweight plastic bat will not cause as much damage as aluminum bats
- Blue handle with 3M reflective tape on barrel
- Length: 30"

Part Number	Description
49-5236-00	Plastic Reflective Bat

See pages 217-248 for Suzo-Happ's entire selection of Redemption Game Parts

BALL CARE KIT

New

Kit includes:

- 1 air pump
  - 10" length
  - Great for inflating basketballs, footballs, soccer balls
- 1 air pressure gauge
  - Calibrated 1 to 20 lbs. in 1/2 lb. units
  - For all balls with standard inflating valves
  - Accurate and easy to use
  - Check pressure on location, the field or on the court
- 3 inflating needles
- Put one in every tool box



Part Number	Description
49-16291-00	Ball Care Kit

INFLATING NEEDLE

- Made of Aluminum
- Handy for filling basketballs, footballs, an soccer balls
- 100 per bag, can be sold individually



Part Number	Description
49-5359-00	Inflating Needle

STEEL CHAIN BASKETBALL NET

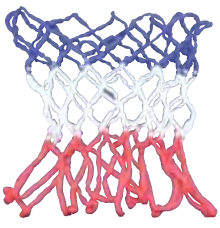
- For Rage in the Cage and other games
- Regulation size



Part Number	Description
49-0650-005	Steel Chain Basketball Net

BASKETBALL NET

- 12 loop construction
- Color: red, white and blue
- Durable polyester



Part Number	Description
49-0650-00	Basketball Net- Red, White, Blue
49-0650-01	Basketball Net-White

ORIGINAL SOCCER BALL FOR KICK-IT GAME

- NEW IMPROVED DESIGN! Lasts longer!
- A Suzo-Happ exclusive!
- Original soccer ball for Interactive Light Kick-It games
- 32 panel, #4 ball with polyurethane bladder and steel insert



Part Number	Description
49-5223-00	Original Soccer Ball For Kick-It Games
49-5223-10	72" Tether

RACQUETBALLS

- Used in all "Rolldown" type redemption games
- Color: Blue or Yellow
- Size: 2-1/4"
- Made in the U.S.A.



Part Number	Description
49-0654-00	Blue Racquetballs
49-0654-05	Yellow Racquetballs

9" JUNIOR FOOTBALL

- For all coin-op football games
- Looks just like real pro footballs
- Made of durable rubber
- Machine-sewn rubber panels with deep pebbling on surface
- Synthetic leather lacing
- Two-ply fabric lining and butyl bladder
- 1/2" white stripes meet high school and college specifications



Part Number	Description
49-0470-00	9" Junior Football

BASKETBALLS

- For all coin-op basketball games
- Looks just like real pro basketballs
- Made of durable rubber with an interior spun bladder



Part Number	Description
49-3020-00	5-1/2" Mini-Basketball, Multi-Color
49-0471-00	7" Orange Basketball
49-1264-00	7" Red, White & Blue Basketball
49-5353-00	8.75" Junior Basketball
49-0825-00	9" Orange Intermediate Size
49-5178-00	9-1/2" Orange Basketball – Official Size

BUZZY BEE BALL

- Used on Bay Tek Buzzy Bee Game
- Bay Tek ref. no. A5BA4000
- Color: Yellow and Black



Part Number	Description
51-0310-00	Buzzy Bee Ball

PLASTIC BALL FOR REDEMPTION GAMES

- Great replacement for composite wood balls
- For use on Roller Ball type redemption games
- Used by leading Family Entertainment Centers
- Durable long life plastic finish
- Same size and weight as composite wood balls
- Color: Black or Orange
- Made in the USA

Note: Black Ball will NOT work on Skeeball or Lighting games that use optic sensors. Must use the Orange Ball for Optic Sensor based games.



51-0311-00



49-0489-10



49-0489-20

Part Number	Description
49-0489-10	3" Plastic Ball - Black
51-0311-00	3" Plastic Ball - Orange
800179-52	3-1/8" Plastic Ball - Brown
49-0489-20	3" Plastic Ball - Red

2" MELTEC BOOM BALL

- Original Meltec design
- Meltec P/N 0110B
- For use with Meltec Cannon Style redemption games
- Black Rubber



Part Number	Description
49-0488-00	2" Meltec Boom Ball

4-1/2" BOWLING BALL

- For Ball Bowler games
- Solid one-piece construction
- Color: Red and White marbelized design



Part Number	Description
26-1425-00	4-1/2" Bowling Ball

ENTROPY 2000 TICKET DISPENSER

- Reduced ticket jams
- Easy to remove front plate
- Covered optic sensor
- Ticket feed button for easy ticket loading
- Direct compatibility to all major ticket dispensers on the market
- Adjustable Ticket Widths (1" or 1-5/32")
- High speed ticket dispensing 3 tickets per second
- Virtually Dust Free Ticket Validation
- Extra deep embossment of tickets for additional security
- Diagnostic LED sensors
- Fully accessible ticket path with durable stainless steel guide
- 12 Month Warranty (15 months from date of manufacture)

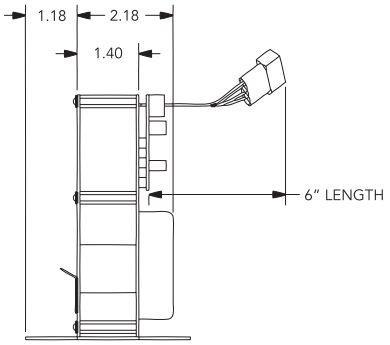


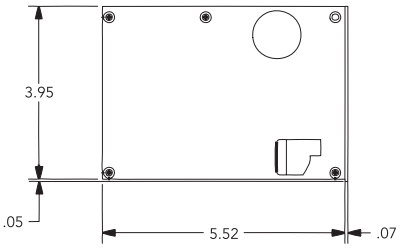
42-1337-10

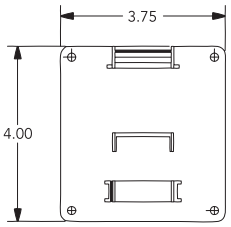
Entropy U.S.A.

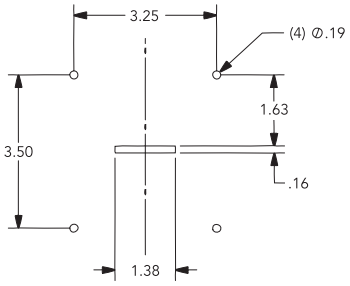


See page 253 for Redemption Tickets









CUT OUT DIMS

Part Number	Description
42-1337-00	Entropy 2000 Ticket Dispenser Continuous Type (TD963CR)
42-1337-10	Entropy 2000 Ticket Dispenser Pulse Type (TD963PR)
42-7269-00	OPTO Sensor Cover for Entropy Ticket Dispenser
42-8014-00	12V Motor for Entropy 2000 Ticket Dispenser
102-2045-00	Hold Blade for Entropy 2000 Ticket Dispenser
102-2034-00	Ticket Guide for Entropy 2000 Ticket Dispenser
102-2041-00	Bottom Ticket Guide

Replacement Parts for Entropy Ticket Dispenser	
Part Number	**Description**
A070-1010-00	Replacement PCB for Entropy 2000 Continuous Type
A070-1010-10	Replacement PCB for Entropy 2000 Pulse Type
42-7208-00	Adjustment Block for Entropy 2000 Ticket Dispenser



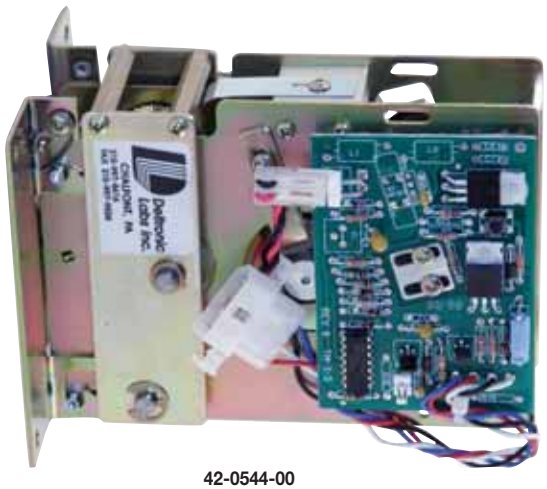
Blanking Plate (42-3394-00) Available



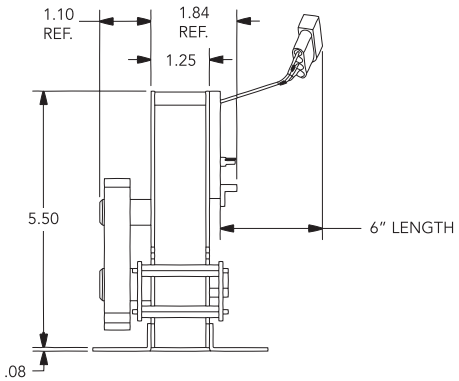
See page 256 for Ticket Dispenser Doors

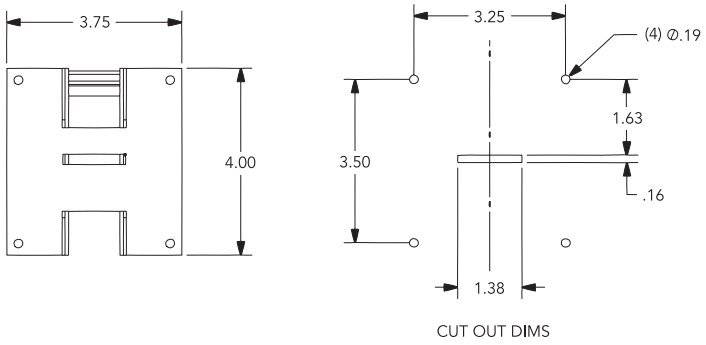
DELTRONIC LABS TICKET DISPENSER

- "Quick Release" face plate
- You can "snap out" one ticket dispenser and immediately replace it with another in just seconds. No tools necessary
- Easy access to front of rollers and ticket guides
- Bottom metal ticket guide
- Foolproof braking system is easily adjustable
- Optical sensor dust cover reduces maintenance
- Validation "Diamond" mark identifies tickets
- Adjustable ticket stop
- Compact and lightweight - 3" W x 4" H x 5-1/2" L, 2-1/4 lbs.



42-0544-00





CUT OUT DIMS



Blanking Plate (42-3394-00) Available



See page 256 for Ticket Dispenser Doors

Part Number	Description
42-0544-00	Deltronic Labs DL-1275 Continuous Type Ticket Dispenser
42-0547-00	Deltronic Labs DL-4-S-S Pulse Type Ticket Dispenser

Replacement Parts for Deltronic Ticket Dispenser

Part Number	Deltronic Part No.	Description
42-0539-00	BIN-TICKET/AD	Ticket Bin (Mounts to Floor)
42-1153-00	GUID-BOTTOM/TD/MET	Guide Bottom Metal for Ticket
42-1154-00	GUID-TOP/TD/MET	Guide Top Metal for Ticket
42-3175-00	HARN-YOGI2/YB	Harness for Yogi Board
49-0798-00	HDWR-AD	Hardware Kit
DL-1275	PCBD-1275/TD	PCB Only for DL-1275
DL4-PS	PCBD-4PS/TD	PCB for DL4-PS

Replacement Parts for Deltronic Ticket Dispenser

Part Number	Deltronic Part No.	Description
49-2044-00	PCBD-4SS	PC Ticket Board for DL-4-SS
80-A-4766	RM-MOTOR/TD	Motor
49-A-2021	RM-RLRDRV/TD/VALD	Drive Roller
42-3263-00	SENS-H21A1/TD	Opto Sensor H21A1
42-3225-00	YOGI KIT	Yogi Kit (Complete with PCB DL1275 & Harness Face Plate)
42-3674-00	PCBD	Yogi II Board for Deletronics Ticket Dispenser

REDEMPTION TICKETS

- Stock 1 5/32" x 2" Redemption Tickets
- Printed one side - “One Coupon”
- Consecutively single numbered
- 2,000 tickets per pack (string tied)
- Sold per pack of 2,000
- 30 packs per case
- **Custom imprinting available**

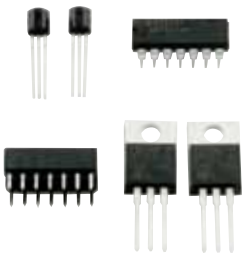


Part Number	Description
49-0906-00	Redemption Tickets, Blue
49-0906-10	Redemption Tickets, Red
49-0906-13	Redemption Tickets, Green
49-0906-15	Redemption Tickets, Yellow
49-0906-17	Redemption Tickets, Orange
49-0906-18	Redemption Tickets, Pink

DELTRONIC TICKET DISPENSER REPAIR KIT

New

- Save time and money by repairing existing units
- Designed to work on Deltronic Labs DL-1275, DL4-SS and DL4-PS ticket dispensers
- Kit contains the electronic parts that commonly fail
- By replacing these parts, you can solve most common problems

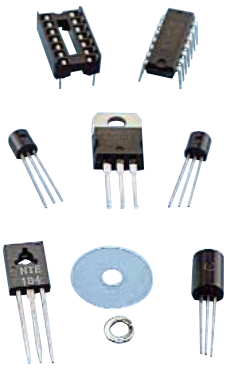


Part Number	Description
42-3787-DEL	Deltronic Ticket Dispenser Repair Kit

REPAIR KIT FOR ENTROPY TICKET DISPENSERS

New

- Save time and money by repairing existing units
- Designed to work on Entropy Type 2000 Continuous and Type 2000 Pulse ticket dispensers
- Kit contains the electronic parts that commonly fail
- By replacing these parts, you can solve most common problems



Part Number	Description
42-3787-ENT	Entropy Ticket Dispenser Repair Kit

BLANKING PLATE FOR DOOR CUTOUT

- For use with ticket dispenser and bill validator doors
- Covers the hole where the door has been removed
- Black finish – blends In with equipment
- Easy installation with bolts (sold separately)
- Size: 16.05" H x 7.09" W
- Made in USA



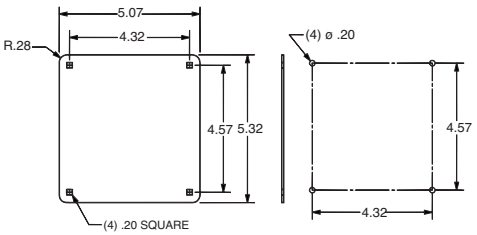
Part Number	Description
42-0663-00	Blanking Plate for Door Cutout

BLANKING PLATE FOR TICKET DISPENSERS

- Now you can remove your ticket dispenser and cover the hole with an OEM blanking plate
- Black painted metal blends in with equipment
- Size: 5.32" x 5.07" x .20"
- Easy installation with bolts (sold separately)
- Made in USA



MOUNTING DIMENSIONS



Part Number	Description
42-3394-00	Blanking Plate for Ticket Dispensers

TICKET DISPENSER MOUNTING PLATE

- Allows Ticket Dispenser to mount to front of game with carriage bolts
- Simply cut out square hole and install
- Made from durable Stainless Steel



Part Number	Description
42-1268-00	Ticket Dispenser Mounting Plate

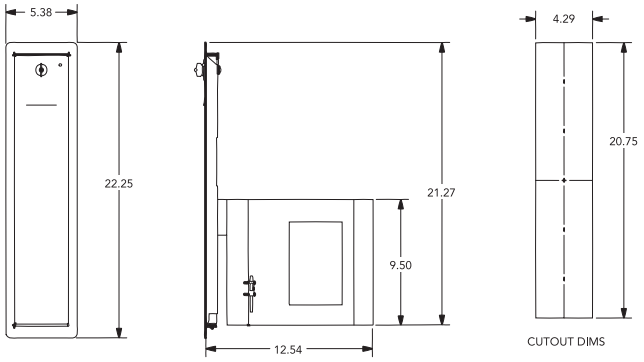
SLIM TICKET DOOR

- Compact design to fit in small mounting area
- Comes with ticket bin to hold 4,000 tickets
- Overall dimensions: 5.75" wide x 22.25" high
- Cutout dimensions: 4.375" wide x 21" high
- Each ticket door includes one ticket dispenser label (42-1378-00)





MOUNTING DIMENSIONS



Part Number	Description
40-0390-00	Slim Ticket Door with 4,000 Ticket Bin

TICKET DISPENSER LABELS

- Great way to attract attention to ticket dispensing machines
- Simply peel off and stick on
- Black printing on bright yellow background
- Durable polystyrene material adhesive backed
- Size: 5.5" x 4"
- Complete set of 3 decals: “Tickets”, “Tickets with Arrow”, and “For Amusement Only”



Part Number	Description
42-1378-00	Ticket Dispenser Label Set

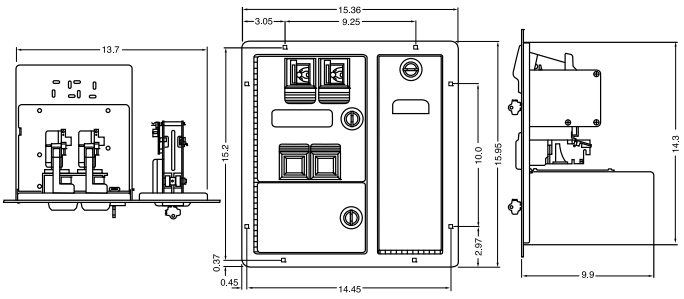
ENTROPY TRIPLE DOOR

Entropy U.S.A.



- Combines separate doors for coin acceptors, cashbox, and ticket dispenser all on one frame
- Fitted with $.25 mechs. and 14v lamps as standard
- Hot rolled steel frame1.8mm thick
- Cold rolled steel doors 1.6mm thick
- Double bitted locks
- 3-Point locking mechanism on the cashbox door for increased security
- Large cashbox capacity holds $650 in U.S. quarters
- Extra large ticket shroud on ticket door to prevent ticket jams
- Durable zinc diecast reject bezels
- Ticket door bracket that allows ticket door to stop at a 90° angle for easy service
- Ticket dispenser sold separately

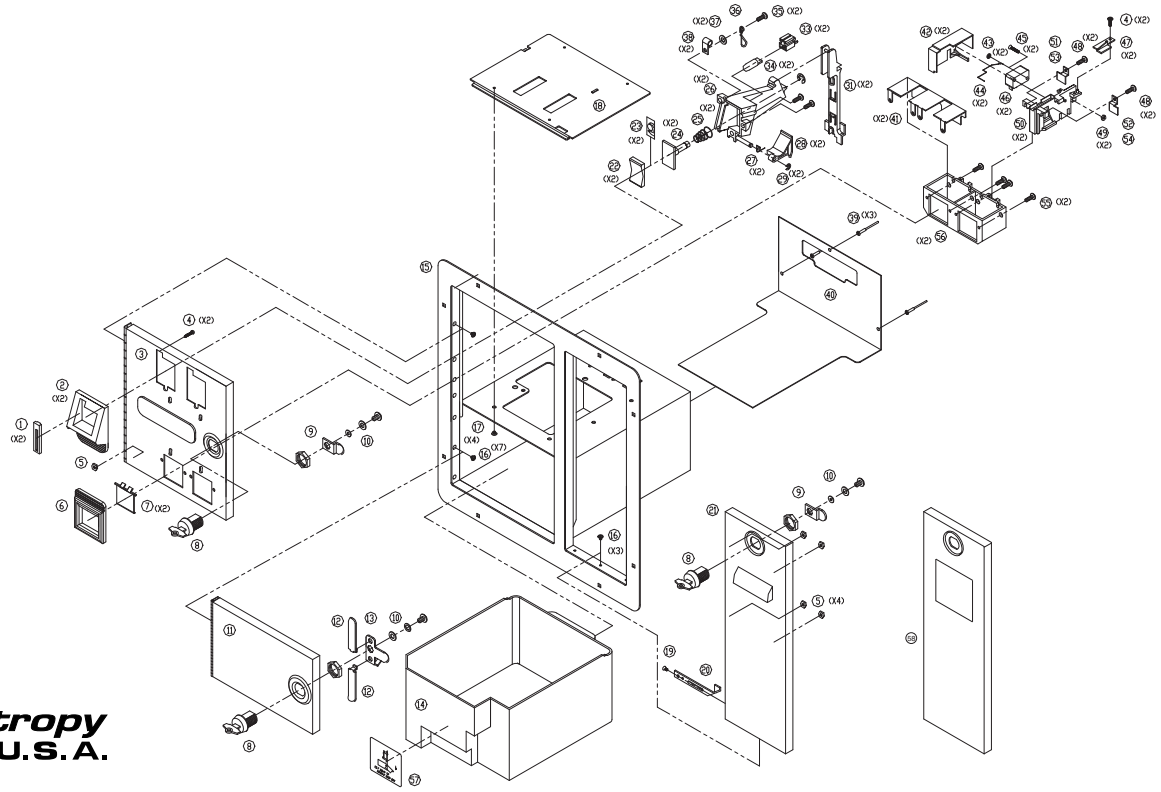
MOUNTING DIMENSIONS



See Next Page for Exploded View of Entropy Triple Door

Part Number	Description
40-0406-25	Entropy Triple Door

REPLACEMENT PARTS FOR ENTROPY TRIPLE DOOR 40-0406-25



Entropy U.S.A.

Fig No.	Part Number	Entropy Number	Description
1	**42-0406-90**	310-1025-18	Entry Plate
2	**42-0406-91**	310-1017	Button Housing
3	**42-0406-109**	310-1008	Main Door
4	-	27-1079	#6 x 1/4" Tapping Screw
5	-	27-4912	#8-32 Nut with Washer
6	-	27-1061-3	Return Bezel
7	**42-0406-93**	27-1062	Return Flap
8	-	27-1016	Single Lock
9	-	31-1016	Locking Cam
10	-	27-1020	Washer for Cam
11	-	310-1006	Cash Door
12	-	310-1014	Locking Arm
13	**42-0406-95**	310-1013	Locking Cam
14	**42-0406-111**	310-1005	Coin Box
15	-	310-1001	Frame & Enclosure
16	-	106-6022-00	Screw M3x0.5+4c
17	-	106-6005-00	Screw M3x0.5+4c
18	-	310-1002	Enclosure cover plate
19	-	106-6021-00	Screw M3x0.5x6
20	-	310-1027	Stop Bracket
21	**42-3536-00**	31-9T	TD Door
22	**42-0406-96**	310-1019	Button Cover
23	-	27-1041-64	Price Label
24	**42-0406-97**	310-1018	Button
25	**42-0406-98**	27-1039	Conical Spring
26	**42-0406-99**	310-1028	Inlet Chute
27	**42-0406-106**	310-1022	Retain Spring
28	**42-0406-100**	310-1023	Lever Arm
29	-	106-6003	4mm E-Ring

Fig No.	Part Number	Entropy Number	Description
30	-	106-6024-00	Screw M3 x 12
31	**42-0406-101**	27-5703	Retainer
32	**42-0406-102**	106-6023-00	7mm E-Ring
33	**42-0406-103**	310-1024	Lamp Holder
34	-	213-01205	Lamp
35	-	106-6025-00	Screw M3 x 14
36	-	27-1025	Key Hook
37	-	27-1034	#6 Washer
38	-	03-7655-4	Wire Harness Clamp 1/4"
39	-	106-6026-00	Rivet
40	-	310-1011	Coin Box Cover
41	-	27-4907-2	Return Box Cover
42	-	27-1097	Switch Cover
43	-	27-1035	Washer for Wire Form
44	**42-0406-104**	27-1075	Wire Form
45	-	27-1094	Screw #4-40 x 7/8
46	-	27-1092	Micro Switch
47	**42-0406-108**	27-7301	Stop Blade
48	-	27-1087	Screw #6-32 x 5/8
49	-	27-1095	Nut 4-40
50	**42-0406-107**	27-5704	Acceptor Chute
51	-	27-1030	Small Bracket - Right
52	-	27-1031	Small Bracket - Left
53	-	27-1030	Small Bracket - Right
54	-	27-1031	Small Bracket - Left
55	-	27-11001	Screw & Spring Washer
56	-	27-4906-1	Return Box
57	-	310-1031	Coin Box Label
58	**42-3536-00**	310-1009	TD w/Downstacker Cutout

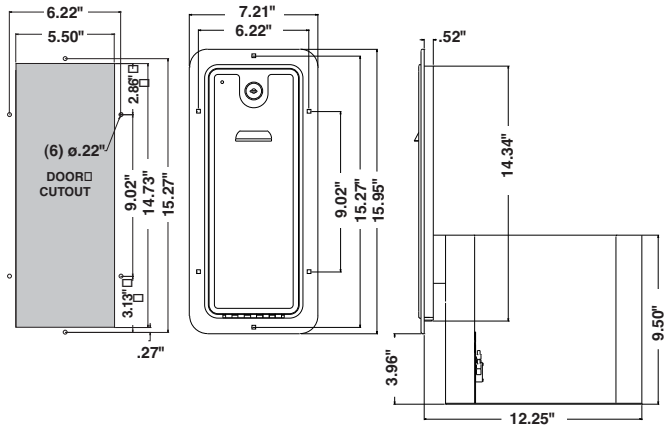
TICKET DISPENSER DOORS

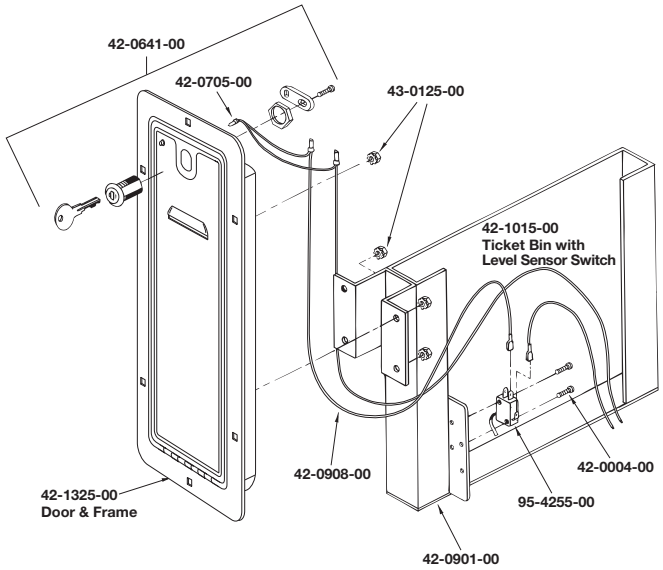
- Sturdy die cast aluminum frame; a Suzo-Happ exclusive!
- Door and dispensers conform to all industry standards
- Has .156" hole for low ticket LED
- Available with Ticket Low Switch to sense when tickets are running low
- Ticket bin holds 4000 tickets
- Ticket door includes ticket dispenser label set (42-1378-00)





MOUNTING DIMENSIONS
ALL TICKET DISPENSER STYLE DOORS



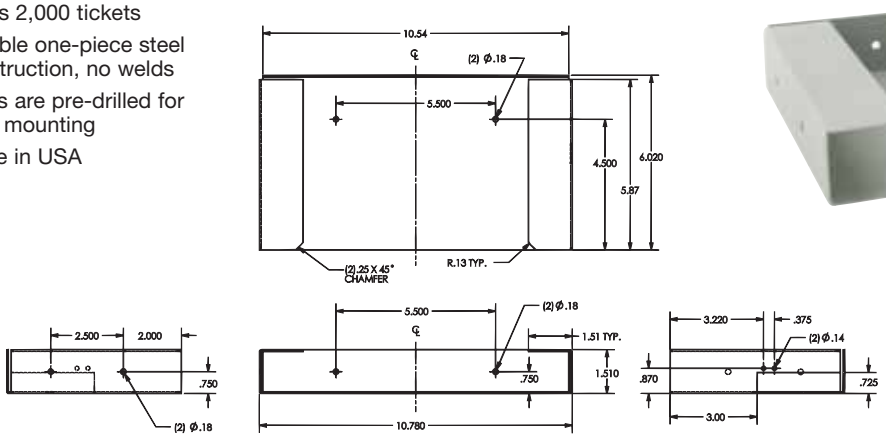


Part Number	Description
40-0540-00	Ticket Dispenser Door without Dispenser & LED
40-0541-00	Ticket Dispenser Door without Dispenser with LED
40-0546-00	Ticket Dispenser Door with Deltronics (DL-1275) Dispenser & Ticket Bin
40-0547-00	Ticket Dispenser Door without Ticket Bin, LED, Level Sensor Switch & Harness
40-0550-00	Ticket Dispenser Door with Deltronics (DL-1275) Dispenser with Ticket Bin, LED, Level Sensor Switch & Harness

REPLACEMENT TICKET BIN FOR DELTRONICS

- Mounts to floor
- Holds 2,000 tickets
- Durable one-piece steel construction, no welds
- Holes are pre-drilled for easy mounting
- Made in USA



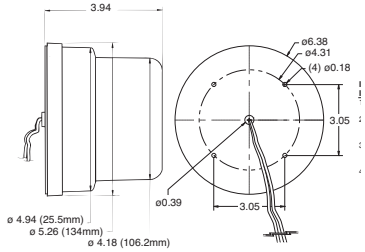


Part Number	Description
42-0539-00	Replacement Ticket Bin for Deltronics

ROTARY BEACON LIGHT



INNER MOUNTING



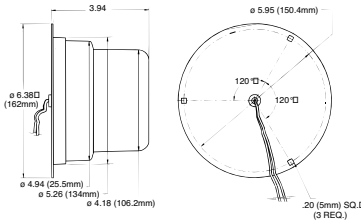
- Bright 12 volt incandescent bayonet base bulb #1156
- 12 volt gear driven motor rotates reflecting shield around lamp
- New design with removable top cover provides easy bulb replacement
- T-10 Torx tamperproof screws used to retain dome for added security
- Suitable for upside down installation
- Available with inner or outer mounting plate
- Optional chrome ring for extra sparkle
- Replacement Bulbs available

Installation Instructions For Inner Mounting Plate

1) Remove dome and/or Chrome Ring
2) Insert 4 #8 screws through 4 holes in black plastic base
3) Secure screws with 4 #8 nuts on inside of cabinet
4) Re-attach dome and/or chrome ring with (2) T-10 Torx® Tamper Proof #6-32 screws provided



OUTER MOUNTING



Installation Instructions For Outer Mounting Plate

1) Drill 3 holes for #10 carriage bolt (.20 diameter) per dimensions shown or use existing assembly as template and mark 3 holes, then drill
2) Drill 1/2" diameter center hole for wires
3) Feed wires through center hole, insert three #10 carriage bolts and secure inside cabinet with 3 nuts

Part Number	Color	Mounting Plate	Chrome Ring
95-0115-10I	Red	Inner	No
95-0115-12I	Blue	Inner	No
95-0115-13I	Green	Inner	No
95-0115-17I	Amber	Inner	No
95-0115-10IC	Red	Inner	Yes
95-0115-12IC	Blue	Inner	Yes
95-0115-13IC	Green	Inner	Yes
95-0115-15IC	Yellow	Inner	Yes
95-0115-17IC	Amber	Inner	Yes
95-0115-10U	Red	Outer	No
95-0115-12U	Blue	Outer	No
95-0115-13U	Green	Outer	No
95-0115-15U	Yellow	Outer	No
95-0115-17U	Amber	Outer	No
95-0115-10UC	Red	Outer	Yes
95-0115-12UC	Blue	Outer	Yes
95-0115-13UC	Green	Outer	Yes
95-0115-15UC	Yellow	Outer	Yes
95-0115-17UC	Amber	Outer	Yes

HEAVY DUTY GAME STOOLS

- 30" high commercial game stool
- Large 15" diameter seat
- Vinyl covered seat is padded for extra comfort
- Single rung chrome steel for superior strength
- Black seat
- Shipped unassembled
- Instructions and hardware included



Part Number	Description
26-1515-16	Black Game Stool

HEAVY DUTY GAME STOOL WITH BACKREST

- 30" tall, commercial game stool
- Backrest provides additional support and comfort
- Large 15" diameter seat
- Vinyl covered seat is padded for extra comfort
- Single rung chrome steel for superior strength
- Black Seat
- Shipped unassembled
- Instructions and hardware included



Part Number	Description
26-1805-10	Black Game Stool with Backrest

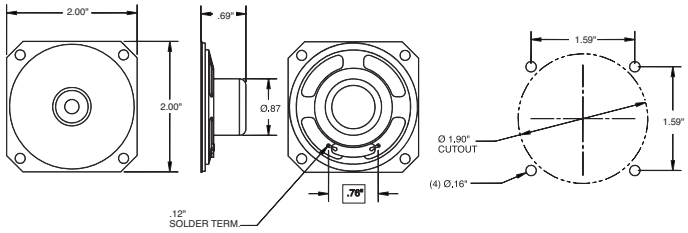
SHIELDED SPEAKERS

2" SPEAKER

- Full range
- 8 Ohm
- .4 Watt Max



DIMENSIONS



Part Number	Description
70-0014-00	2" Speaker

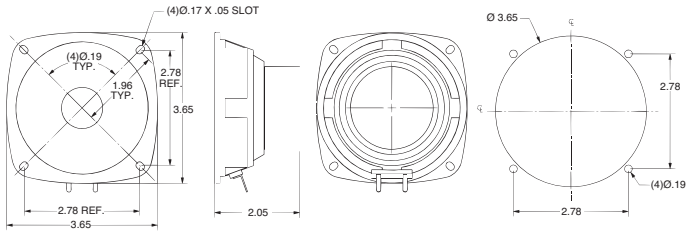
SPECIFICATIONS	
Height	.75" (19mm)
Nom	.2W
Hz	430
Db	80
Range	4,000
Magnet	13 x 10mm
Net Wt.	40g
Frame	Square
Diaphragm	Paper
Terminal	Solder

3.5" SPEAKER

- Speaker has a metal shield surrounding the magnet to prevent any interference with the monitor
- 4 Ohm
- 5 Watt Max



DIMENSIONS



Part Number	Description
50-9000-01	3.5" Shielded Speaker, 5 Watt

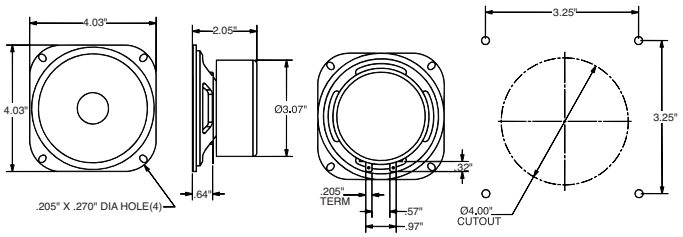
SPECIFICATIONS	
Nom	3W
Hz	120
Db	85
Range	15,000
Magnet	1.7oz
Frame	Square
Diaphragm	Paper
Terminal	.250"

4" SPEAKER

- Speaker has a metal shield surrounding the magnet to prevent any interference with the monitor
- 8 ohm
- 12 Watt Max



DIMENSIONS



Part Number	Description
49-0228-00	4" Shielded Speaker, 12 Watt

SPECIFICATIONS	
Height	1.93" (49mm)
Nom	4W
Hz	180
Db	71
Range	12,000
Magnet	6oz
Net Wt.	610g
Frame	Square
Diaphragm	Paper
Terminal	.250"

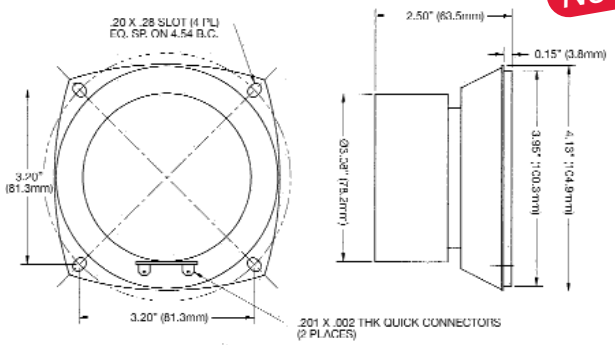
4" SPEAKER

- 4 Ohm / 15 watt
- Shielded



DIMENSIONS

New



Part Number	Description
5555-14680-00	4" Speaker

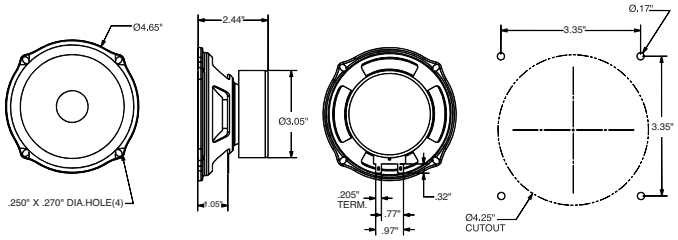
SHIELDED SPEAKERS

5" SPEAKER

- Speaker has a metal shield surrounding the magnet to prevent any interference with the monitor
- 8 ohm
- 12 Watt Max



DIMENSIONS



SPECIFICATIONS	
Height	2.13" (54mm)
Nom	4W
Hz	135
Db	91
Range	8,000
Magnet	6oz
Net Wt.	610g
Frame	Pin Cushion
Diaphragm	Paper
Terminal	.250"

Part Number	Description
50-9005-00	5" Shielded Speaker, 12 Watt

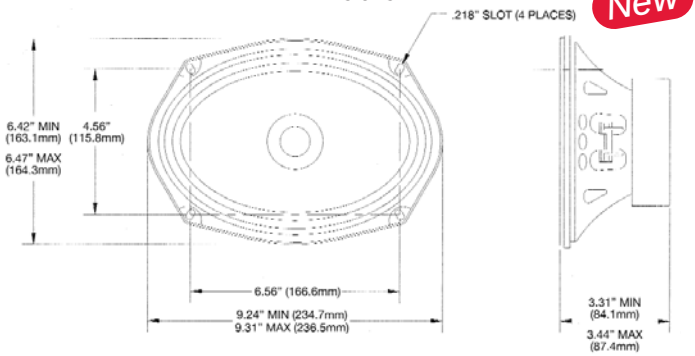
6" x 9" SPEAKER

- 8 Ohm
- Shielded
- With (2) .250 terminals
- 15 Watts



DIMENSIONS

New



Part Number	Description
5555-15298-00	6" X 9" Speaker

UNSHIELDED SPEAKERS

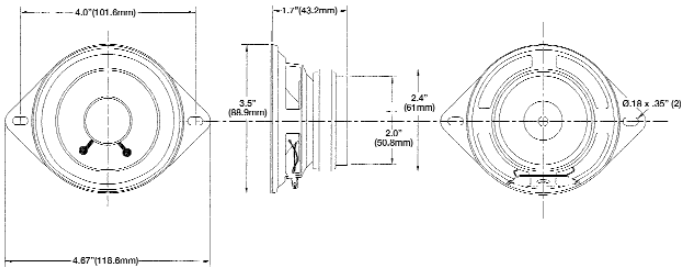
3" SPEAKER WITH TWO MOUNTING FLANGES

New

- 4 Ohm / 15 watt
- Full range
- Two mounting flanges
- 30 per box
- "+" terminal = .205"
- "-" terminal = .113"
- Used on Midway Games like: Crusin Exotica, Hydro Thunder, Off Road Thunder, Touchmaster



DIMENSIONS



Part Number	Description
5555-16223-00	3" Speaker with Two Mounting Flanges

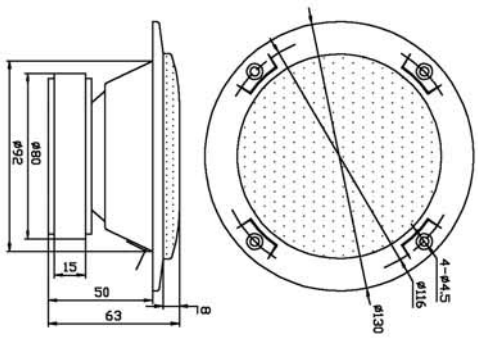
4" SPEAKER WITH DUAL CONE

New

- With mounted metal grille
- .250" terminals
- 8 Ohm, 50 watt
- Mounting: 4-1/2" from center hole to center hole
- Unshielded
- 5-1/4" overall width with 0.75" voice coil
- 10 oz. magnet



DIMENSIONS



Part Number	Description
50-9007-10	4" Speaker with Dual Cone

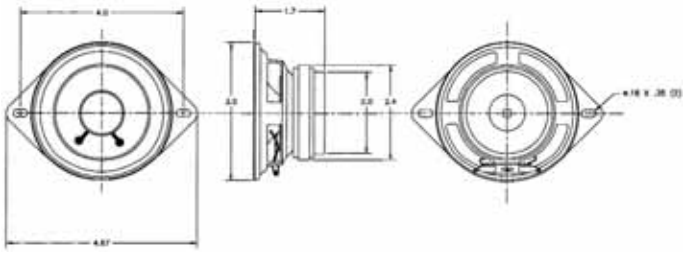
UNSHIELDED SPEAKERS

3" SPEAKER

- Full range
- 4" Mounting
- 4 ohm



DIMENSIONS



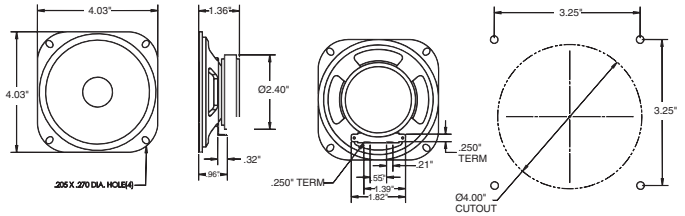
Part Number	Description
5555-16223-00	3" Speaker

4" SPEAKER

- Full range
- 8 watt
- 8 ohm



DIMENSIONS



Part Number	Description
50-9000-00	4" Speaker

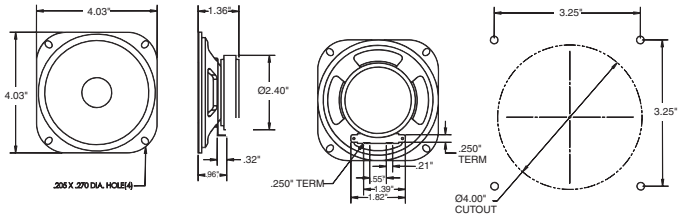
SPECIFICATIONS	
Height	1.42" (36.1mm)
Nom	2W
Hz	160
Db	89
Range	14,000
Magnet	3oz
Net Wt.	280g
Frame	Square
Diaphragm	Paper
Terminal	.205"/.250"

4" SPEAKER

- Full range
- 12 watt
- 8 ohm



DIMENSIONS



Part Number	Description
50-9002-00	4" Speaker, 12 watt

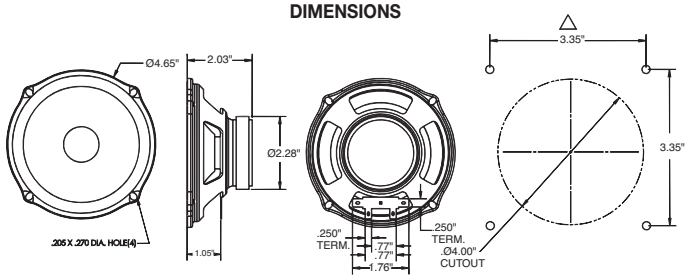
SPECIFICATIONS	
Height	1.66" (42.1mm)
Nom	2W
Hz	160
Db	90
Range	15,000
Magnet	1.7oz
Net Wt.	388g
Frame	Square
Diaphragm	Paper
Terminal	.205/.250"

5" SPEAKER

- Full range
- 8 watt
- 8 ohm



DIMENSIONS



Part Number	Description
50-9003-205	5" Speaker, 8 watt

SPECIFICATIONS	
Height	1.67" (42.5mm)
Nom	2W
Hz	135
Db	91
Range	15,000
Magnet	6oz
Net Wt.	265g
Frame	Pin Cushion
Diaphragm	Paper
Terminal	.205/.250"

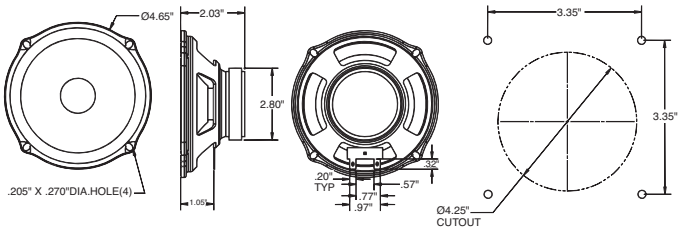
UNSHIELDED SPEAKERS

5" SPEAKER

- Full range
- 12 watt
- 8 ohm



DIMENSIONS



SPECIFICATIONS	
Height	1.92" (48.8mm)
Nom	4W
Hz	135
Db	91
Range	8,000
Magnet	6oz
Net Wt.	440g
Frame	Pin Cushion
Diaphragm	Paper
Terminal	.250"

Part Number	Description
50-9004-00	5" Speaker, 12 watt

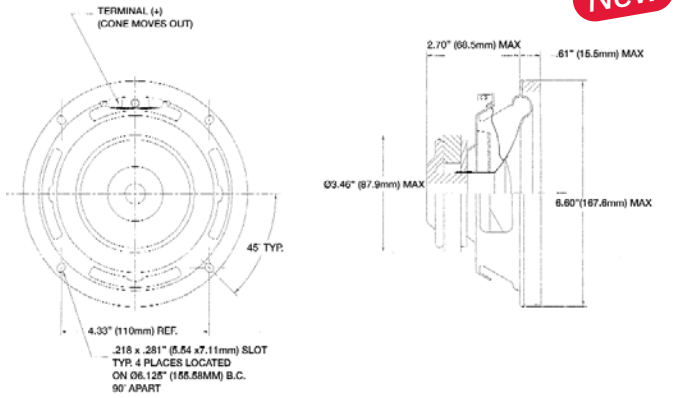
6-1/2" SUBWOOFER

New

- 4 Ohm
- 6-1/2"
- 1.5" V.C. Foam Surround
- 90 Watts
- .187 terminals



DIMENSIONS



Part Number	Description
5555-16059-00	6-1/2" Subwoofer

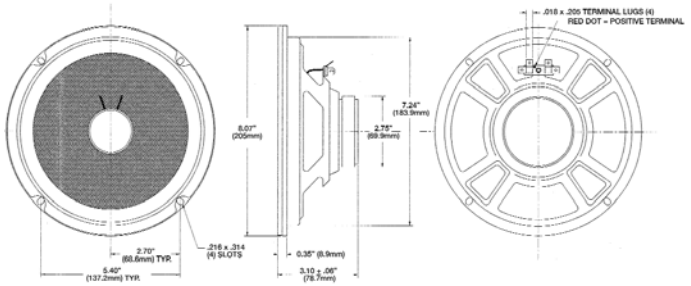
8" SPEAKER

New

- 4 Ohm
- 25 Watts



DIMENSIONS



Part Number	Description
5555-15078-00	8" Speaker

4" SQUARE SPEAKER GRILLE

- Metal mounting frame
- Black plastic grille snaps onto metal mounting frame



Part Number	Description
49-5182-00	Square Speaker Grille

4" ROUND SPEAKER GRILLE

- Metal mesh grille
- 4-1/2 center-to-center mounting holes
- Color: black



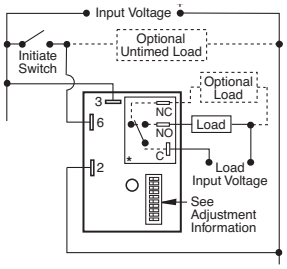
Part Number	Description
49-5181-00	4" Round Speaker Grille

ACCUMULATING COIN VENDING TIMER

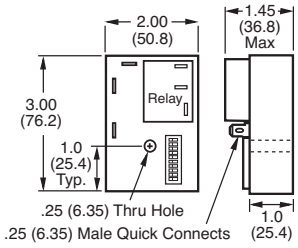
- Provides vend time after the selected number of initiate switch closures to start is reached and allows the total vend time to be extended for each additional initiate switch closures
- Accumulates 1 to 256 coins
- Switch selectable 1-7 coins to start
- Vend time from 15 seconds to 31 minutes
- Coin switch can be connected to a counter
- 30 amp, 1 HP @ 125vac contacts
- 12vdc or 120vac operation
- UL and CSA approvals



Isolated Output



Mounting Dimensions



With 30 ampres of switching capacity, it allows direct coin operated control of loads like compressors, pumps, motors, heaters and lighting.

This accumulating coin vending timer will count each closure of the initiate switch. When the total number of initiate switch closures equals the number to start set on the lower 3 DIP switches, the load is energized and the vending time is started. For every initiate switch closure, the accumulating coin vending timer adds one time per coin period, as set on the upper 7 DIP switches, to the total vending time.

Microcomputer accuracy, combined with a power relay, makes the Coin Vending Timer ideal for cost-sensitive single coin or token vending machines.

Part Number	Description
42-6976-00	12VDC Coin Vending Timer
42-6976-120	120VAC Coin Vending Timer

PCB MOUNTING FEET

- Durable white plastic mounting feet
- Each set includes 4 mounting feet
- Allows PCB to be mounted either vertically or horizontally to numerous surfaces
- Each set includes 8 screws: 4 wood, 4 machine



Part Number	Description
49-1019-00	PCB Mounting Feet, Set of 4

REPLACEMENT POTENTIOMETERS


96-4916-00


VG75-05464-00


220-5373


50-2670-00

Part Number	Description
VG75-05464-00	Replacement 1K Pot Namco 40º Namco Ref. VG75-05464-00
VG75-03824-00	Replacement 1K Pot Namco 60º Namco Ref. VG75-03824-00
220-5373	Replacement 5K Pot Sega
96-4916-00	Replacement 5K Long Life Pot .50" Shaft Namco Ref. VG80-02975 WMS Ref:5014-12909-00
50-8026-02	Replacement 5K Pot .750" Shaft Namco Ref. AC75-04425-00
50-8056-00	Replacement 5K Pot 7/8" Shaft
50-8026-00	Replacement 5K Pot 1.125" Shaft Namco Ref. VG75-06089-00
SG09-008-006	Replacement 5K Pot Namco 1.125" Shaft Namco Ref. SG09-008-006
3541H-1-103	Replacement 10K Bourns Pot Atari for Hard Driving
50-2670-00	Replacement 5K NEI (Sensorcube) with Connector
50-2064-00	Replacement 5K Pot for Suzo-Happ Joysticks "S" Taper, 3/4" Shaft
50-2032-00	Replacement 100K Pot for Suzo-Happ Joysticks "S" Taper, 3/4" Shaft
50-0153-00	Replacement 100K Pot for Suzo-Happ Steering Wheels

CREDIT ACCUMULATOR / TIMER

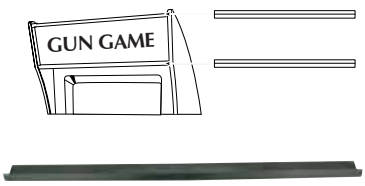
- Accumulates 1 to 16 coin drops before giving pulse credit
- Timer circuit up to 10 minutes
- Single or Dual Vend
- Auto or Manual Vend
- Two Price Vend Option
- Can operate when illuminated "Push to Vend" switch is desired
- 2 pole output relay
- Operates on 120VAC or 12VDC
- Supplied with Wiring Harness and Mounting Kit



Part Number	Description
42-1138-10	Dual Credit Accumulator/Timer

RETAINER FOR VIDEO GAME MARQUEE

- Retains marquee plexi at both the top and bottom
- To use simply cut to marquee width and install
- Material: Black rigid PVC
- Sold in 10 ft. lengths



Part Number	Description
49-1000-00	Retainer for Video Game Marquee

P.C. BOARD HOLDER



- Durable black nylon plastic construction
- Great for use within Universal Kit Cabinets
- Height adjustable from 4-1/2" to 12-1/2" to hold small or large PCBs
- Able to hold multi-level PCBs
- Mounts to wall of cabinet via molded mounting holes

Part Number	Description
49-0007-01	P.C. Board Holder

PANEL CLAMP



- Universal strike – mounts flat or at right angle
- Wire spring for easy latching

Part Number	Description
49-0059-00	Universal Panel Clamp

TOP COIN ENTRY

- Heavy-duty chrome-plated die cast construction
- Spring loaded reject button
- Plunger length: .50"

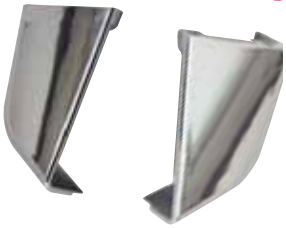


Part Number	Description
42-1350-00	Top Coin Entry with Plunger

UNIVERSAL COIN TRAY END CAPS

New

- Now, no need to tool up a complete coin tray
- Universal end caps can be used with any size tray
- Chrome-plated zinc die cast construction
- Visit our website for dimensional drawings



Part Number	Description
70-1364-00	Right Side Universal End Cap
70-1363-00	Left Side Universal End Cap

T-MOLDING

- Use for repair or new construction
- Fits standard edge groove in wood cabinets
- Various colors available
- Sold per foot, minimum 25 ft. lengths



Part Number	Description
49-0998-00	Black, Smooth T-Molding for 5/8" Wood
49-0539-00	Black, Leather Texture for 3/4" Wood
49-0999-00	Black, Smooth T-Molding for 3/4" Wood
49-5224-00	Black, w/Chrome Stripe for 3/4" Wood
49-0539-300	Black, Smooth T-Molding for 7/8" Wood
49-0539-200	Black, Leather Texture for 7/8" Wood
49-0999-10	Black, Smooth T-Molding for 1-1/2" Wood
49-0995-00	Blue, T-Molding for 3/4" Wood
49-0998-01	Chrome, T-molding for 5/8" Wood
49-3114-00	Polished Chrome Plastic Metallic for 3/4" Wood
49-0996-00	Green, T-Molding for 3/4" Wood
49-3114-10	Polished Brass, T-Molding for 3/4" Wood
49-0994-00	Red, Smooth T-Molding for 3/4"
49-5051-00	White, T-Molding for 3/4" Wood
49-5121-00	Yellow, T-Molding for 3/4" Wood
49-0994-00	Red Smooth T-Molding for 3/4" Wood

CABINET CORNER PROTECTOR

- Sturdy steel reinforcement plate keeps pressed wood from coming apart when moving
- Also used in the repair of cabinets
- Round corners protect walls, games etc. from damage when moving machine
- Round corners make moving the cabinet easier. Slides over uneven cracks, bumps, etc.
- Complete with hardware



Part Number	Description
49-0570-00	Cabinet Corner Protector

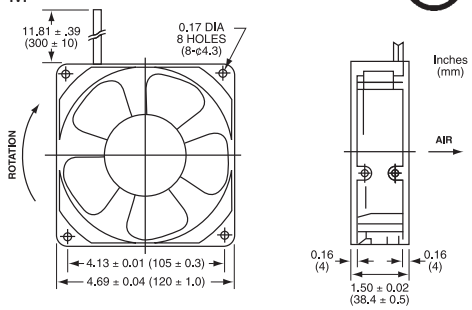


COOLING FAN

- Top quality fan cools the electronics in your video game
- Industry standard size 4.69" square x 1.5" deep
- Low noise; impedance protected
- 115 vac fan easily mounts in most equipment
- UL Approved
- Air flow 98-106 CFM (Cubic Feet per Minute)
- Cast aluminum frame
- 2,900 - 3,200 RPM



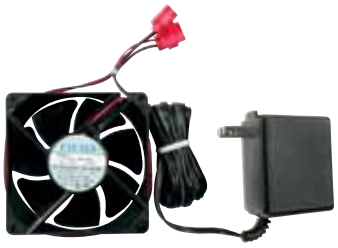
MOUNTING DIMENSIONS



Part Number	Description
80-0006-10	Sealed Ball Bearings with Flying Leads
80-0006-11	Sleeve Bearings with Flying Leads

COOLING FAN WITH 110VAC ADAPTER

- Cools the electronics in your game
- 3-1/8" x 1" 12VAC fan
- 110v adapter pre-wired
- Simply plug adapter into a 110v outlet and the fan will power up



Part Number	Description
80-1140-00	Cooling Fan with 110VAC Adapter

COOLING FAN

- Replacement cooling fan for the following Merit power supplies:
  Ion Aurora (SB0539-01)
  Ion Evo, Ion Elite Edge, and Ion Evo Wallette (SB0539-02)
  Force Evo, Force Elite Edge, and Force Evo Wallette (SB0540-01)
- 12 vdc
- Size: 40mm x 40mm x 20mm
- Comes with a 2 pin connector



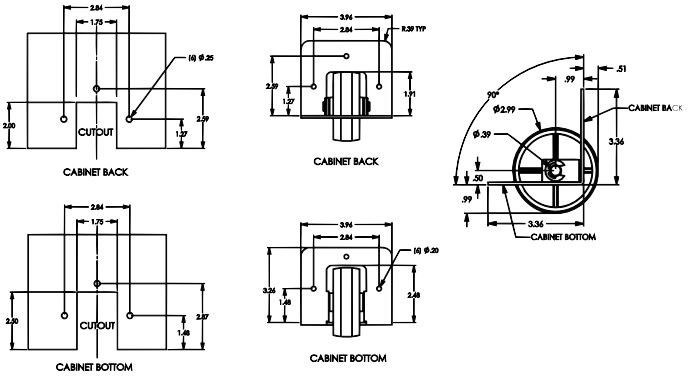
Part Number	Description
80-0006-23	Cooling Fan for Merit Power Supplies

See Page 393 for the Entire Selection of Cooling Fans from Suzo-Happ

CABINET WHEEL ASSEMBLY

- 3" heavy duty nylon wheel
- Capacity: 440 lbs.
- Built in Mounting Bracket to allow easy mounting into cabinet





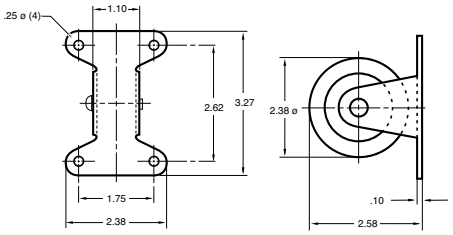
Part Number	Description
33-1198-00	Cabinet Wheel Assembly

WHEEL ASSEMBLY FOR CABINET

- Heavy-duty construction
- Steel bracket w/nylon wheel



MOUNTING DIMENSIONS



Part Number	Description
49-0077-00	Wheel Assembly for Cabinet

FINGER GUARD FOR FANS

- Protects fingers from touching fan blades
- Steel wire construction
- Nickel Chrome Finish
- Spot welded



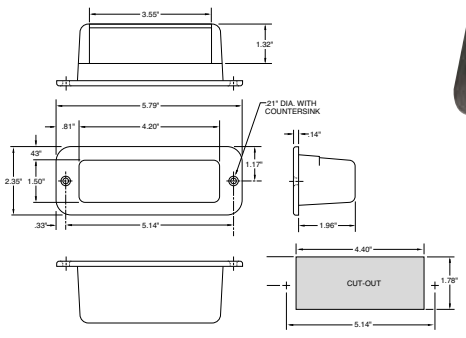
Part Number	Description
70-0226-50	Finger Guard for 3-1/2" Fan
80-0006-20	Finger Guard for 4.69" Fan

CABINET HANDLE

- Molded plastic construction
- Allows easy grip for moving cabinets



MOUNTING DIMENSIONS



PANEL MOUNTING

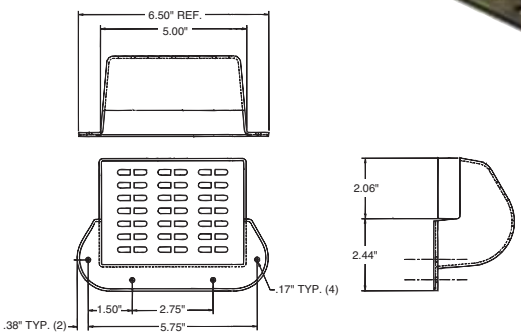
Part Number	Description
49-0067-00	Cabinet Handle

CABINET HANDLE VENTED

- Original Midway design
- Made of durable high impact molded plastic
- Color: Black
- Made in USA



MOUNTING DIMENSIONS



Part Number	Description
03-8326	Cabinet Handle Vented

LEG LEVELER MOUNTING PLATE

- 3/8" thread
- Steel plated



Part Number	Description
49-1500-00	Leg Leveler Mounting Plate

LEG LEVELERS



49-28921-00 | 49-1002-03 | 49-1002-04

- 1-1/2", 2", 3" or 4" thread length
- Other sizes available upon request

Part Number	Description	Thread	Thread Length	Load	Base Dia.
49-1002-03	Without nut	3/8–16	1-1/2"	200lb.	1.75"
49-1002-02	With nut	3/8–16	2"	200lb.	1.75"
49-1002-035	Without nut	3/8–16	2"	250lb.	2.03"
49-1002-038	Without nut	1/2–13	2"	500lb.	2.40"
49-28921-00	Swivel w/o nut	1/2–13	3"	300lb.	2.5"
49-0449-00	Without nut	3/8–16	3"	-	1.75"
49-3042-00	Swivel with nut	3/8–16	4"	3750lb.	1.25"
49-3043-00	Swivel with nut	1/2–13	4"	3750lb.	1.25"
49-1002-04	T-Nut	3/8	-	-	-
5102	2" Leg Leveler	-	-	-	-

BLACK RUBBER LEG LEVELER CUP

- Ideal for amusement and vending equipment
- Prevents equipment from slipping or sliding
- Fits leg levelers with 1-3/4" base diameter or less
- Will not scratch floors



Part Number	Description
26-1528-00	Black Rubber Leg Leveler Cup

LEG LEVELER MOUNTING PLATE WITH 1/2" PEM NUT

- With 1/2-13" Pem Nut for leg leveler
- 2.75" square
- 2" center mounting holes
- Mounting holes .31" diameter



Part Number	Description
49-1501-00	Leg Leveler Mounting Plate with Pem Nut

LEG LEVELER FOR RAW THRILLS

- Used on Raw Thrills and Fast-N-Furious
- 1/2-13 thread
- Swivel without nut
- 2-1/2" base diameter
- 300 lb rating



Part Number	Description
49-28921-00	Leg Leveler for Raw Thrills

MULTI-SIZE CUP & CAN HOLDER

- Durable high impact polystyrene
- The only cup holder that can handle multiple beverage sizes from cans to “jumbo” cup sizes
- Convenient “mug handle” groove accepts beer mugs
- 3 pre-drilled mounting holes
- Drain hole stops excess liquid from collecting in the bottom
- Color: Black



Part Number	Description
27-1422-00	Mulit-Size Cup & Can Holder

DRINK CADDIES



Part Number	Description
140240	2 Compartments

BEVERAGE RACKS

- Easily mounts to the side of any game or wall
- Prevents drinks from spilling on equipment, video game or pool table
- Chrome polished steel tubing
- 2 mounting brackets welded to frame enables you to securely fasten to game or wall
- Fully reinforced for extended wear





Part Number	Description
27-1062-01	2 Drink Beverage Rack
27-1062-11	3 Drink Beverage Rack

FLIP-OVER ASHTRAY

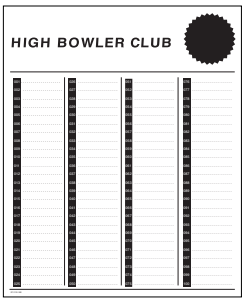
- Easily mounts to any coin-op game
- Empty ashtray by just flipping it over
- Sturdy metal construction



Part Number	Description
51-0302-00	Flip-Over Ashtray

HIGH BOWLER NUMBERED CARDS

- Used to list players scores and rankings
- “Winning” number under gold “scratch-off” seal
- 100 or 200 names per card



Part Number	Description
27-1112-100	100 Names
27-1112-00	200 Names



AMERICAN ACOUSTIC AAL SERIES SPEAKERS BY MTX

New



96-0196-0B 49-0804-10

- Ideal for use in commercial settings such as bars, restaurants, family entertainment centers, casinos and arcades
- Manufactured with quality components giving the speakers great sound quality
- Three sizes available: 8", 10" and 12"
- Color: black
- sold in pairs
- 5-Year Warranty

Specifications			
Part Number	96-0196-0B	50-0308-00	49-0804-10
Model Number	AAL18	AAL110	AAL120
System Type	Full Range/2-Way	Full Range/3-Way	Full Range/3-Way
Woofer Diameter	8"	10"	12"
Frequency response	60 - 22kHz	55 - 22kHz	55 - 22kHz
Nominal Impedance	8 Ohm	4 Ohm	4 Ohm
Sensitivity (2.83V/1M)	89.5dB	91.5dB	92.2dB
Power Handling	50 RMS / 100 Watts Peak	75 RMS / 150 Watts Peak	100 RMS / 200 Watts Peak
Xover Frequency	2.5kHz	500Hz(Midrange), 4kHz(High)	1.5kHz(Midrange), 3.5kHz(High)

Part Number	Description
96-0196-0B	8" American Acoustic 2-Way Deluxe AAL Series Speaker
50-0308-00	10" American Acoustic 3-Way Deluxe AAL Series Speaker
49-0804-10	12" American Acoustic 3-Way Deluxe AAL Series Speaker

DPI CARPETED SPEAKERS



50-9983-00 50-9984-00

- Polymer treated woofer and high dispersion, acoustical tweeter generates terrific sound
- Auto reset circuit breaker prevents speakers from blowing
- Attractive gray carpeting surrounds the speaker
- 3/4" MDF hardwood cabinet
- Smooth, professionally rounded edges on cabinet
- For specifications, see chart below
- Made in the USA
- 5 Year limited manufacturer's warranty

Specifications		
Part Number	50-9983-00	50-9984-00
Model Number	DPI-800C	DPI-1200C
Woofer	8" Polymer, Rolled Edge	12" Polymer, Rolled Edge
Midrange	-	5" Capton
Tweeter	2" x 5" Super Horn	3" x 7" Super Horn
Tuned Port	1-3/4" x 4"	2-3/4" x 5"
Impedance	8 Ohm	8 Ohm
Efficiency (1 wt. 1 mtr.)	87 dB	92 dB
Frequency Response	45-30,000 Hz	32-30,000 Hz
Crossover	(1) 5 w 20 Ohm Res.	(1) 100v Cap. (1) 5 w 20 Ohm Res.
Power	4-90 w, RMS	5-130 w, RMS
Maximum Input	180 watts	240 watts
Circuit Breaker	Auto Reset	Auto Reset
Dimensions	16" H x 10" W x 9-1/4" D	27" H x 15" W x 11-3/4" D
Cabinet	5/8" Carpet	5/8" Carpet
Grill	Steel Waffle	Steel Waffle
Weight	30 lbs./pair	36 lbs./each

Part Number	Description
50-9983-00	8" 2-Way Carpeted Speaker, DPI-800C
50-9984-00	12" 3-Way Carpeted Speaker, DPI-1200C

MTX THUNDER PRO TP1200 2-WAY PROFESSIONAL LOUDSPEAKER

- Ideal for use in bars/night clubs, restaurants, family entertainment centers and casinos
- Speaker consists of a single 12" woofer matched with MTX's X-radial designed horn loaded high frequency tweeter, which is designed to provide uniform sound dispersion and coverage area with excellent sound quality
- 150 Watts RMS/300 Watts Peak Music Power
- Dual Low Frequency Port
- Sensitivity: 92dB
- X-radial Horn with FerroFluid Cooled Tweeter and PCT Tweeter Protection
- 5-Year Limited Warranty
- Sold per each



Specifications	
Woofer	12"
Tweeter	19mm with 13" x 6" Horn
Ports	Dual Low Frequency
Power RMS	150 Watts
Power (Peak)	300 Watts
Sensitivity (2.83V/1m)	92dB
Nominal Impedance	4 Ohms
Dimensions	26-1/6" H x 15-3/16" W x 12-3/4" D

Part Number	Description
49-2927-00	MTX Thunder Pro TP1200 Speaker

BILLABS 8" JUKE SERIES SURFACE MOUNT SPEAKER

- Ideal for use in a commercial setting such as bars, arcades, casinos and restaurants or in a home theater system
- Each speaker ships with a unique 360° adjustable all metal mounting bracket
- "Best Bang for The Buck" Award winner at the 2004 Consumer Electronics Show
- Perfect for 70.7V/100V music broadcast systems at 50W, 25W and 12.5W tabs
- Speakers have a Certified Acoustic Rating at 90-93 dB, Sensitivity (2.83V/1m), which is unheard of in the commercial sector
- 5-year warranty
- Priced per unit and sold in pairs



Part Number	Description
49-3206-00	Billabs 8" Juke Series Speakers

PEAVEY 2 WAY SPEAKER

- Two-way sound reinforcement enclosure
- 400 Watts program, 800W peak
- One 10" woofer with 2.375" VC and lightweight neodymium magnet
- RX14™ compression driver with 1.4 inch titanium diaphragm 1 inch exit
- 90 x 40 constant directivity horn
- Tweeter protection
- Heavy-duty crossover
- Lightweight molded polypropylene enclosure
- Molded-in pole mount system
- Heavy-duty metal grille



Specifications	
Frequency Range (-10dB, half space)	54Hz to 21kHz
Sensitivity (1W/1m)	95dB
Power Rating (Program)	200 Watts
Power Capacity (Peak)	800 Watts
Nominal Impedence	8 Ohms
Input Connections	Two 1/4" phone jacks in parallel
Dimensions	19-1/2" H x 14" W x 13-1/8" D
Weight	28 lbs.

Part Number	Description
96-0001-00	Speaker Peavey 2 way 10 inch Woofer Black

PEAVY VERSAMOUNT 35 BRACKET ASSEMBLY

- Ceiling bracket can be used with the Impulse® 6, Impulse® 6T, Impulse® 652S, and Impulse 100 cabinets
- Supports up to 35-lbs
- Black finish



Part Number	Description
96-0003-00	Peavey Versamount 35 Bracket Assembly

MTX 6-1/2" MONITOR SERIES DUAL 2-WAY BOOKSHELF SPEAKERS



- The Monitor 60i offers exceptional sound performance, which makes it ideal for use in either jukebox or home theater systems
- Manufactured with high-grade components, the speakers produce superb sound quality
- Compact design, it allows you to display almost anywhere
- Speakers incorporate a D'appolito design which is a driver configuration of mid-tweeter-mid that benefits the sonic realism of your listening environment. With this set-up, it reduces the unwanted reflective sound from floors and ceilings with a controlled vertical dispersion, or CVD
- Speakers also have dual woofers in a common vented enclosure, which provides a much lower bass extension, higher power handling and higher efficiency that single woofer bookshelf speakers
- MTX 1-Year Limited Warranty

Specifications	
Woofer	6" Poly (2)
Tweeter	19mm PEI Dome
Grille	Black Cloth
Frequency Response	42Hz - 20Hz
Tuning Type	Port
Rec Amp Power	15W to 100W RMS
Sensitivity (2.83W/1m)	92dB
Dimensions	17-5/8" H x 7-1/2" W x 11-7/8" D

Part Number	Description
96-0756-00	MTX 6-1/2" Monitor Series 60i Dual 2-Way Bookshelf Speakers

18" SPEAKER BRACKET

New



- Ideal for hanging both small and large box speakers
- Can be cut to desired length
- Two brackets pet set

Part Number	Description
BRACKET	18" Speaker Bracket

MUSICA 6-1/2" 2-WAY BOOK SHELF SPEAKERS

- Offers great sound for an exceptional value
- Ideal for a bar, casino or even your home
- color: black
- Sold per pair
- 10-year warranty



Specifications	
Model Number	Musica 6S
Woofer Diameter	6-1/2" (Poly Cone)
Tweeter	3/4" Balanced Dome
Frequency Response	55Hz-20kHz +3dB
Impedance	8 Ohms Nominal
Power Handling	100W RMS/200W Peak Music
Sensitivity (1W/1M)	89dB
Dimensions	12-3/4" H x 7-1/2" W x 8-1/2" D

Part Number	Description
96-0653-00	Musica 6-1/2" 2-Way Book Shelf Speakers

DPI INDOOR/OUTDOOR SPEAKERS

- Great for outdoor locations; bars, restaurants, boardwalks, even at home
- This versatile speaker has a powerful dome tweeter, mylar midrange and a polypropylene woofer bass that you can feel
- Black speakers come complete with mounting brackets and connecting cables
- Sold per pair
- Made in the USA
- 5 Year limited manufacturer's warranty



50-9986-00

Specifications	
Model Number	DPI-600WA
Woofer	4" Polymer Edge
Midrange	2" Mylar Cone
Tweeter	3/4" Dome
Impedance	6 Ohm
Efficiency (1 wt. 1 mtr.)	89 dB @ 1 w/m
Frequency Response	50-20,000 Hz
Crossover	900/3000Hz
Maximum Input	50 watts
Dimensions	7" H, 4-1/2" W, 4-1/8" D
Cabinet	Aluminum
Grill	Steel Mesh
Weight	6 lbs./pair

Part Number	Description
50-9986-00	4" 3-Way Indoor/Outdoor Speaker

SUPER DISPERSION CEILING SPEAKER SYSTEM

- A full range coaxial loudspeaker
- Unmatched sound dispersion and power capacity
- 4 strategically placed 8" transducers
- Omni-directional dispersion pattern reduces hot and cold spots
- Easy installation-simply rests on ceiling grid
- Color: Flat White or Black
- Made in the USA



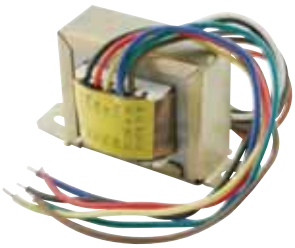


Specifications	
Nominal Diameter	8" (20.32cm)
Rated Impedance	8 Ohms
Power Capacity	80 watts continuous, 100 watts peak
Sensitivity	97 dB spl. 1w 4ft
Frequency Response	40 Hz - 18kHz +- 4dB
Components	4 x 8" (20.32cm) low frequency transducer 4 x 3" (7.62cm) high frequency transducer
Crossover Frequency	3 kHz
Voice Coil Diameter	High Temp 1" (2.54cm) L.F. 9/16" (1.42cm) H.F.
Nominal Magnet Wt.	10 oz. (.28kg) L.F. magnet, 2 oz. (.05kg) magnet
Transducer Depth	3 1/8" (7.94cm)
Dimensions	5-3/4" H x 23-3/4" W x 4.13" L depth belowceiling surface
Net Wt.	15.31 lbs (6.94kg) foam baffle 16.11 lbs (7.31cm) metal grille

Part Number	Description
50-2056-00	Super Dispersion Ceiling Speaker System - Flat White

SPEAKER TRANSFORMER, 25-50 WATT

- 70.7V line continuous duty design
- Primary tapped for 25-50 Watts
- Secondary is tapped for 4 and 8 Ohms
- 2-3/8" mounting centers



Part Number	Description
48-0016-00	Speaker Transformer, 25-50 Watt

MTX OUTDOOR SPEAKERS

- Rated #1 outdoor speaker by Home Theater Magazine (April, 1998)
- Great for outdoor locations; bars restaurants, boardwalks, even at home
- Sleek, Euro-style design for aesthetic appeal to compliment any decor
- Weather resistant design utilizing Buthl surrounds with polypropylene cones
- Magnetically shielded
  Includes rotating mounting stainless steel brackets with end-caps
- Available in either white or black color
- 1 year limited MTX warranty



Specifications	
Woofer	Two 4"
Tweeter	1/2" balanced dome
Frequency Response	100Hz - 20Hz
Impedance	8 Ohm
Power	50 w RMS/200 w Peak
Dimensions	12.6" H x 4.8" W x 4.9" D
Ship Weight	9 lbs. (.4.1kg) magnet

Part Number	Description
49-0780-00	White MTX speaker MP42W
49-0780-16	Black MTX speaker MP42BB

8" CEILING SPEAKER WITH TRANSFORMER

- 8" Dual Cone speaker with 10 oz. Magnet 70v or 25 v line input
- Transformer tapped for .63, 1.25, 2.5, 5 and 10 watts
- Round one-step contour flush mount ceiling baffle with white baked enamel finish
- Includes 4 white bolts and nuts for mounting



49-0783-00



Part Number	Description
49-0783-00	8" Ceiling speaker with 10w Transformer
50-9008-00	8" Speaker only without Baffle

PANAVISE SPEAKER MOUNTS

- PanaVise the versatile, commercial mounting choice for speakers
- Easy to use, allows one person to install a speaker themselves
- Specifically designed for heavy duty commercial use such as; arcades, casinos, bars, and restaurants
- Two types available: ceiling or wall mounting
- Supports speakers weighing up to 40-lbs
- Full 90° tilt, 360° turn and 360° rotation allows precise positioning which locks into place for worry free installations
- Hardware and bracket covers included



PANAVISE®

Part Number	Description
49-2837-00	12" PanaVise Speaker Mount, Ceiling
49-2838-00	12" PanaVise Speaker Mount, Wall

PANAVISE DOUBLE-KNUCKLE SPEAKER MOUNT

- PanaVise has taken the confusion out of choosing the right speaker mount for any installation
- Mount your speakers where and how you need it: on the wall, ceiling or shelf
- Perfect for use in bars, arcades, casinos, restaurants or home theater systems
- Low profile design, easily aim and lock the speaker into position for great sound balance
- Unit has two adjusting points offering a full range of motion: 210° tilt, 360° turn and 360° rotation
- Overall length: 7"
- Mounting hardware included
- Holds speakers weighing up to 20 lbs



PANAVISE®

Part Number	Description
49-2836-00	PanaVise Double-Knuckled Speaker Mount

PHONOGRAPH NEEDLES

- Direct replacement for original phonograph needles
- Top quality diamonds and sapphire for long life
- Hand crafted workmanship protects records from damage



Part Number	Description
95-0619-00	Economy Diamond Needle for Rowe-AMI Series R83-R92

SPEAKER WIRE

- 2 Wire
- Comes in spools of 250'
- Minimum order 250'



Part Number	Description
49-0483-00	14 Gauge Speaker Wire, Clear
49-0534-00	18 Gauge Speaker Wire, Clear
80-0149-00	Zip Cord 16 Gauge Speaker Wire, Clear
80-1147-00	Line Cord 17 Gauge 3-wire 1943/3
49-0534-01	Zip Cord 18 Gauge Speaker Wire, Brown

REMOTE WIRE HOOKUP

- Gray plastic covering
- 22 gauge
- Available in 3 or 5 wire
- 500' per spool
- Minimum order 500'



Part Number	Description
49-0557-00	3-Wire
49-0660-00	5-Wire



DUAL CHANNEL REMOTE VOLUME CONTROL WITH CANCEL BUTTON

- For Rowe Jukeboxes
- Two separate volume controls allows you to “balance” the sound
- Cancel button to reject current play



Part Number	Description
H30632209R	Dual Channel Remote

SINGLE CHANNEL REMOTE VOLUME CONTROL WITH CANCEL BUTTON

- For Rowe Jukeboxes
- Also works on Rockola Models 3000, 4000, 5000, 6000
- Cancel button to reject current play



Part Number	Description
H30632201R	Single Channel Remote Volume Control with Cancel Button

AT2400 INFRARED REMOTE CONTROL

New

- 2-channel remote designed to work with the all new Ecast EQ, NSM Icon, any Rock-Ola digital box (MojO and non-MojO) and the all new Digital Fusion jukebox kits from Amusement Technologies
- Complete with extended range infrared receiver and a two zone handheld transmitter with buttons programmable for mute, cancel, power, free credit or calibrate
- Includes batteries and both cables necessary to accommodate any installation
- DIP switches in receiver box allow operator to enable or disable any of the button functions as well as selecting between calibrate and free credit



Part Number	Description
49-16472-00	AT2400 Infrared Remote Control

AUDIO ACTIVATED SPEAKER (MUTE) SWITCH

- Allows you to mute or play speakers as follows:
- Silences background music during jukebox play but preserves paging function
- Silences a stereo system during jukebox play
- Plays the jukebox through stereo system speakers
- Silences a mono background music system during jukebox play
- Plays a jukebox through a mono music system
- Adjustable delay from zero to three minutes
- Speaker wire is attached via screw down terminal strip.
- RCA jack version also available (95-0784-00)





Part Number	Description
95-0698-00	Audio Activated speaker (mute) switch

AT2500 WIRED REMOTE CONTROL

New

- 2-channel remote designed to work with the all new Ecast EQ, NSM Icon, any Rock-Ola digital box (MojO and non-MojO) and the all new Digital Fusion jukebox kits from Amusement Technologies
- DIP switches in receiver box allow operator to enable or disable the green FREE CREDIT and red POWER buttons



- Connects to jukebox using a six pin connector which is compatible with the six pin cable supplied with Rock-Ola digital jukeboxes
- Cable and connectors are not included
- Includes mounting bracket and screws

Part Number	Description
49-19901-00	AT2500 Wired Remote Control

PAS AUDIO ACTIVATED LINE LEVEL SWITCH

Allows you to play audio as follows:

- Play a background tuner (tape) through the CD jukebox amplifier and speakers
- Play the jukebox through a mono background music amplifier and speakers using a 70 V feed
- Play the jukebox through a stereo receiver (amplifier) using a 70 V feed
- Play the jukebox through a stereo receiver (amplifier) using line level feed
- Silences a stereo receiver (amplifier) during jukebox play but not play the jukebox through the stereo receiver (amplifier)
- Has “RCA” jacks for jukebox / device to plug into



Part Number	Description
95-0784-00	PAS Audio Activated Line Level Switch

JUKEBOX CD PLAYER UPGRADE KIT FOR ROWE CDM 3

- Drop-in replacement at location
- High quality Sanyo player utilizing Sony technology virtually eliminates skipping of CDs
- Manufacturers Warranty
  - 1 year on decoder board
  - 2 years on CD player
- 24 hr. tech support
- Lower your investment costs
- New universal lightweight hub
- Easy installation (under 30 minutes)
- Made in USA by Digital Micro
- 90 Day Satisfaction Guarantee
- Receive a free replacement CD player (95-2001-00) with every 8 Kits Purchased
- Kit Includes:
  - Sanyo CD Player (95-2001-00)
  - Decoder board
  - Hub
  - Universal lightweight spindle
  - Mounting hardware



95-1997-00



95-2001-00

Part Number	Description
95-1997-00	Jukebox CD Player Upgrade Kit for Rowe CDM 3
95-2001-00	Replacement CD Player for Kit

JUKEBOX CD PLAYER UPGRADE KIT FOR NSM CDM 4

- Drop-in replacement at location
- High quality Sanyo player utilizing Sony technology virtually eliminates skipping of CDs
- Manufacturers Warranty:
  - 1 year on decoder board
  - 2 years on CD player
- 24 hr. tech support
- Lower your investment costs
- New universal lightweight hub
- Easy installation (under 30 minutes)
- Made in USA by Digital Micro
- 90 Day Satisfaction Guarantee
- Receive a free replacement CD player (95-2001-51) with every 8 Kits Purchased
- Kit Includes:
  - Sanyo CD Player (95-2001-51)
  - Decoder board
  - Hub
  - Universal lightweight spindle
  - Mounting hardware



95-1998-50

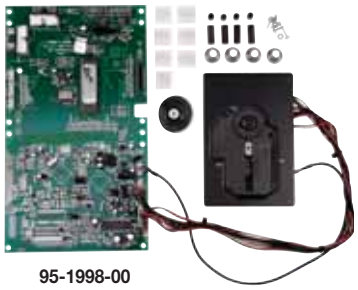


95-2001-51

Part Number	Description
95-1998-50	Jukebox CD Player Upgrade Kit for NSM CDM 4
95-2001-51	Replacement CD Player for Kit

JUKEBOX CD PLAYER UPGRADE KIT FOR ROWE CDM 4 OR CDM 12

- Drop-in replacement at location
- High quality Sanyo player utilizing Sony technology virtually eliminates skipping of CDs
- Manufacturers Warranty:
  - 1 year on decoder board
  - 2 years on CD player
- 24 hr. tech support
- Lower your investment costs
- New universal lightweight hub
- Easy installation (under 30 minutes)
- Made in USA by Digital Micro
- 90 Day Satisfaction Guarantee
- Receive a free replacement CD player (95-2001-00) with every 8 Kits Purchased
- Kit Includes:
  - Sanyo CD Player (95-2001-00)
  - Decoder board
  - Hub
  - Universal lightweight spindle
  - Mounting hardware



95-1998-00

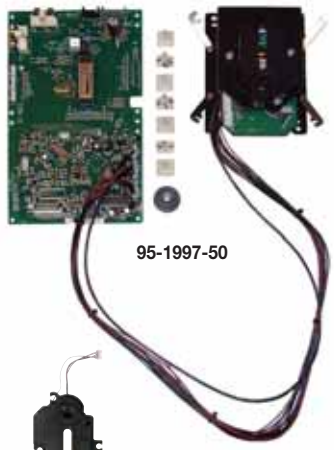


95-2001-00

Part Number	Description
95-1998-00	Jukebox CD Player Upgrade Kit for Rowe CDM 4 or CDM 12
95-2001-00	Replacement CD Player for Kit

JUKEBOX CD PLAYER UPGRADE KIT FOR NSM CDM 3

- Drop-in replacement at location
- High quality Sanyo player utilizing Sony technology virtually eliminates skipping of CDs
- Manufacturers Warranty
  - 1 year on decoder board
  - 2 years on CD player
- 24 hr. tech support
- Lower your investment costs
- New universal lightweight hub
- Easy installation (under 30 minutes)
- Made in USA by Digital Micro
- 90 Day Satisfaction Guarantee
- Receive a free replacement CD player (95-2001-50) with every 8 Kits Purchased
- Kit Includes:
  - Sanyo CD Player (95-2001-50)
  - Decoder board
  - Hub
  - Universal lightweight spindle
  - Mounting hardware



95-1997-50



95-2001-50

Part Number	Description
95-1997-50	Jukebox CD Player Upgrade Kit for NSM CDM 3
95-2001-50	Replacement CD Player for Kit

KIOSK AUDIO AMPLIFIER KIT



- Ideal to amplify audio for use within a Kiosk environment
- 2 channel amplifier
- Approx. 8 watts RMS per channel 10% THD (10 watts RMS @ 16v input)
- Volume control can be easily adjusted with fingers
- Compact size: 4.25" L x 3.38" W x 2.24" H
- Mounts easily to vertical or horizontal surfaces within cabinet
- Power input: +12vdc to +18vdc minimum 1.5a with either a 2mm coaxial power jack or .100" center locking header connector
- Audio input: 3.5mm male stereo jack
- Audio output: 6' long speaker harness with .205" female quick disconnect terminals
- Kit Includes:

  A: Audio Amplifier with enclosure (49-5140-100)
  B: Plug-in power supply +12vdc 2amp (80-1153-00)
  C: Audio input cable, stereo 3.5mm male to 3.5mm male, 6' long (96-0539-00)
  D: Speaker harness, audio amplifier to speakers, 6' long with .205" female quick disconnect terminals (96-0542-00)

Part Number	Description
49-5140-200K	Kiosk Audio Amplifier Kit

ACCESSORIES FOR AUDIO AMPLIFIER



80-1153-00



96-0542-00



96-0539-00

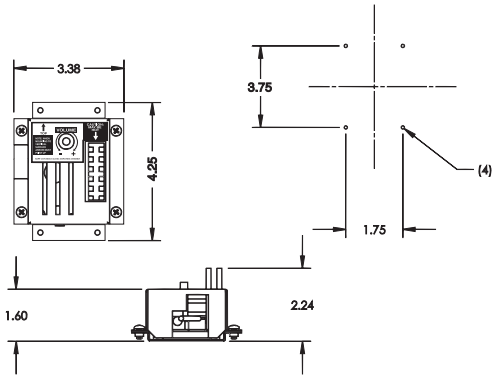
Part Number	Description
80-1153-00	Plug-in power supply +12vdc 2 amp
96-0539-00	Audio input cable, stereo 3.5mm male to 3.5mm male, 6' long
96-0542-00	Speaker harness, audio amp. to speakers with .205" female quick disconnects, 6' long Speakers can be up to 60" apart

KIOSK AUDIO AMPLIFIER

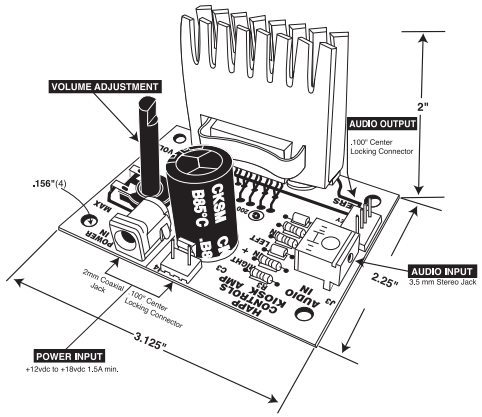


- 2 channel amplifier
- Approx. 8W RMS per channel 10% THD (10W RMS @ 16v input)
- Volume control can be easily adjusted with fingers
- Compact size: 4.25" L x 3.38" W x 2.24" H
- Power input: +12vdc to +18vdc minimum 1.5a with either a 2mm coaxial power jack or .100" center locking header connector (Optional Suzo-Happ plug-in power supply available, 80-1153-00)
- Audio input: 3.5mm stereo jack
- Ideal to amplify audio for use within a Kiosk environment
- Audio output: .100" center locking header connector

MOUNTING DIMENSIONS WITH ENCLOSURE (49-5140-100)



MOUNTING DIMENSIONS WITHOUT ENCLOSURE (49-5140-00)



Part Number	Description
49-5140-100	Kiosk Audio Amplifier with Enclosure
49-5140-00	Kiosk Audio Amplifier without Enclosure

REPLACEMENT PARTS FOR NSM JUKEBOX

Part Number	Description
114800	Bulb #114800 Mask - Upper Left
114801	Bulb #114801 Mask - Upper Right
140024	Cd Tray Cdm12
140218	Front Door Cd
140303	Lift Assembly
140333	Lift Assembly Gear
160059	Glass Keyboard/Dig T Floor
171743	Wired Remote Volume Control
171799	Output Transformer
173603	Pin
173664	Display Board Wizard Jukebox
173712	Adapter Door Bottom Left for Jukebox
174846	Drive, Front Side Title Drum
174875	Gear Wheel
174886	Gear Wheel
175973	Frame Arrows
176078	Coin Insert
176079	Coin Channel Performer Grand
176395	Disc Holder/Tray For Performer Grand Jukebox 10 Pack
176574	Frame Select Button/Wallbox
176671	Key Pad
176702	Title Page with Rods Blank
176972	Guide for Wall Mount Bracket
177869	Bill Insert Chute Wall Box
178059	Key Pad
178266	Coin Entry Blue Digital Thunder
179195	CD Pro Laser Assembly (Player)
179197	Push Button Coin Return
179199	Upgrade Kit To Convert Cdm4 To Cd Pro II Player
179225	Title Holder Gem Series
179279	Plate
179297	Rocker Button Assembly Esvi
179356	Control Board Rocker Button Select
179542	Gear & Motor Assy Premounted Gem Series Title Display
179544	Double Tooth Wheel
179546	Toothed Bar Title Display
179551	Bill And Coin Insert Frame
179707	Motor Assembly Gem Series
179855	Cd Display Assembly Es Vi
179902	Keypad Esiv 16 Buttons
179970	Electronic Ballast Es6 Wall Jukebox
180152	Ballast Assembly Floor Esvi Cosmic Blast
205683	Spring Coin Reject
206719	Key Wallbox Fire #9901
206787	Rvc Traitter Works On All Models Thru Es5

Part Number	Description
211793	Bracket Wall Mount Juke
212509	Title Sleeves Set Of 100
212967	Light Diffuser
216351	O-Ring (Drive Belt)
216829	Receiver Remote
216864	Amplifier
217506	Caster Double
217992	Lid Key Galaxy
221002	Battery Ram
221006	Eprom Ver. 1.07E Es 6
221886	Transistor Bdw83C
221902	Transistor Bdw84C
222000	Button Switch for 16 Button Keypad
225040	Starter S10
225343	Starter S2
226056	Bulb #226056 Frosted 12V Minature
231497	Ic Battery Ram - Es V Ccu
231992	L6569 Ic
236000	Simplified Remote Traitter Rc602 Es6
239319	Blank Title Strips Gemfire
907224	Grey Button
91-3000-00	Lamp 4 Watt T5 6"
91-3002-00	8 Watt 12 Inch T5 Lamp
91-3004-00	13 Watt 21 Inch T5 Lamp
96-9013-16	Lcd Display Unit 179900
10057K106	Remote Chameleon
10057K107IR	Receiver Wirerless Remote
10103K94	Wired Remote Download Box
17X3975	Spare Key For Ace Lock
17XMIC	Microphone Kit Includes Cable
88XUPGRADE	Upgrade Kit Dba3 Mars Wall
88XUPGRADEMB	Update Mba Control Box
88XUPGRADEMBA	Mba New $5.00 Chip Upgrade
88XUPGRHDW	Hardware Upgrade Kit Dba3 To Mars
907NVRAM	Nv Ram Board Es Vi Centrale

CD-PRO II PLAYER WITH UNIVERSAL HUB



- The CD Pro 2 is drop-in compatible with any jukebox currently loaded with a CDM-12 Industrial, CD Pro, or CD Pro 2
- Comes with NSM hub installed, but additional universal no-glue centering hub provided will work with all other models
- 1 Year Warranty
- Does not replace CDM-3 or CDM-4 players
- Instructions included
- Shipped in non-static bag
- Manufactured by Philips

Part Number	Description
95-1683-01	CD-PRO II Player with Universal Hub

REPLACEMENT PARTS FOR ROCKOLA

Part Number	Description
02379-02	Microphone Kit - Yoga
02459	RF Remote Kit Rock-Ola
02469	Remote Kit Rock-Ola Download Box IR Remote and Receiver
3431001	Gear Rock
34311-04	Gripper Release Gear
34312-02	Gripper Turnover Gear
43414-01	Snap Switch Enclosed Spdt
57142	Gas Spring for Door Rock-Ola
57183	Program Page - 4 High
57188	CD Program page 4 High for Rock-Ola Intrigue Jukebox
57356	Title Page, Black Plastic
57433	Lamp, Incandescent, 11W, Orange
57448	Bubble Tube, Long Curve
57467	Lamp, Fluorescent, 9", Cool
57473	Lamp, Incandescent, 7-1/2W
58679	Switch - Momentary (Scan)
58687-A	Rock-Ola Mech Opto Cable Assembly
58703A	Cable Volume Control Rock
588161-A-D	IR Remote Detector & Cable for Rock-Ola for Download Jukebox
58902-A-LF	Volume Control Harness 12"
5911801	Push Button Green Rock
5911802	Rock-Ola Button, Keyboard, Orange
59301	Glass Harley Davidson Patriot Rock-Ola Legend
59324	Brushes Replacement - Dc Gear
59933-01	Bezel, Coin Entry, Black Abs
60319-A-LF	Rock-Ola Cable IDE 18" Round
60578-A	Lock Catch Rock-Ola
60611	Fuse 3.15 Amp Push In
60820	Fan for Retrofit Kit
60920	Translucent Panel Upper Left
60921	Rock-Ola Translucent Panel Upper Right

Part Number	Description
60922	Translucent Panel Lower Left
60923	Translucent Panel Lower Right Rock-Ola Wall Rock
60929	Rock-Ola Cashbox
61087-1A	Rock-Ola Download Box with a Peavey Amp
61090	Rock-Ola Speaker 10" 4 Ohm
61184	Pre-Amp Power Cube Rock-Ola Rock Star
61215-A-LF	Remote Transmitter only for Rock-Ola Wall Rock
61467-A	Remote Control Assy, Lge with Ovly
7004A	Volume Control Assembly Sybers oni Rock
70169A	Pre Amp Assembly
ST-06030-04	Caster, Dual Wheel
ST-11296	Lock 1-1/8
ST11191K	Key P1200 Rock
ST11296K	Key #Ec-105
ST-11449	Lock - Dome (W/P1200 Key)
SV-34310-01	Gripper Shaft Gear
SV-57386-01	Pilaster, Plastic, Cream
SV-58045-A	Motor Assy - 110V 10 Rpm Lh
SV-58046-A	Motor Assy, 110V 10Rpm Rt
SV59927A	Harness Assembly CCFL Light Tube Rock-Ola Jukebox
SV-59967-1A	Rock-Ola Coin Acceptor with Black Bezel
SV60046A	Ir Receiver Assy
SV60417A	Ups, Digital Jukebox
SV60814-A	Coin Interface Board Rock-Ola
SV-60814-A	Coin Interface PCB Assembly
SV-60936-A	Led Controller
SV-61087-A	Power Supply Box Assy
SV61215A	Rf Remote Transmitter
SV-70004-A	Volume Control Assy-Sybersonic
SV-70164-A	Computer Assembly, Da-9000
SV-70169-A	Control Amplifier Assy
SV-70177-A	Pre-Amp Rock-Ola Mojo

ROWE TITLE PAGE FOR 100 CDs

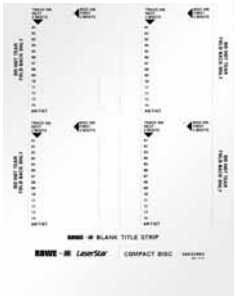
- For use on Rowe CD-100 jukeboxes
- 6 titles per page
- Durable white plastic



Part Number	Description
61094202	Rowe Title Page for CD-100

ROWE CD-100 TITLE STRIP CARDS

- Four titles per card



Part Number	Description
30935904	Title Strip Cards, Blank
30935903	Title Strip Cards, Numbered

REPLACEMENT PARTS FOR ROWE JUKEBOX



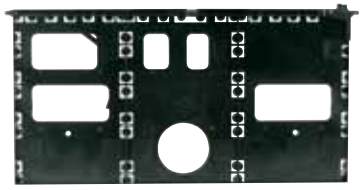
30743126



21949701



21922501



27-1079-00



40824302

Part Number	Description
B0031936	Gear Reduction Rowe Jukebox
20384301	Roller
21073101	Switch
21073102	Switch
21073201	Switch For BC1200
21073402	Switch Micro Gol Contact
21080804	Shoe Assembly-Inner Rowe Jukebox
21082901	Actuator switch
21318902	Insulator
21339701	Photocell
21633601	Microphone Cable with Plug 50ft
21639704	Kit Background Music Wp 100
21776009	Fastener Speed Clip
21813802	Rowe-Magazine Drive Belt
21816001	Sprag lever assembly
21816103	Stem Bushing
21822620	Manual-Service (Cd 100C Vol 1) Jukebox
21822656	Manual Cd100J Rowe Jukebox Volume II
21823102	Rowe, Capacitor-Elect (10000 MFD)
21845637	Window Wp100 Rowe Jukebox
21862201	Lamp (#73) and Socket Assy.
21897301	Belt, O-Ring
21922501	Button Set, horizontal popular & reset
21940101	Grommet
21940102	Rowe Grommet
21942201	Switch
21949701	Pushbutton Kit Reset
21957502	RVC Remote Wireless Infrared
219583-03	Transmitter IR Remote Modified Rowe Jukebox
21958304	Transmitter Infered Modified
21958305	Transmitter Infra Red Rowe Ir
21958306	Transmitter Ir Dl 4 Ch
21960201	Cork Washer
21960202	Washer Traction
21966201	Rowe-Piston Assembly-Gas Spring
21966601	Rowe Cd Lens Cleaner 37 Ml.
21990203	Rowe Coin Switch Assy For Mmi
21994701	Kit Ir Transmitter
22101501	Rowe Reduction Gear
22101601	Rack Title Page
22111807	Kit Mars Ba Cd100H

Part Number	Description
22111809	Mars Validator Instalation Kit Starburst
22116001	Rowe Cdm Cleaning Kit
22116101	Rowe Cdm12 Grease
22116601	Rowe Mounting Bracket Top Corner Wall Box
22139001	Kit-Keyboard (01,02) Substitute
22141702	Frame Hard Drive Rowe Jukebox
22167906	Infra Red Volume Control Cd 100 A B Jump Kit
22167925	Kit Remote Adaptor Jump Nsm
22178501	Modem Kit Pci 56K Rowe
25070218	Decal Dollar Bill
25070239	Label-Bill Insertion
25076607	Roller Assembly
25099403	Solenoid 8 Ohm
25113401	Spring Compression
25113701	Drive Shaft
25113702	Shaft & Pin
25171202	Agitator Assembly Upper
25175702	Photo Detector with Terminal
25191301	Indicator Light
25192401	Rowe 20 Tooth Pulley
25193301	Roller Crowned
25193402	Shaft Crowned Pulley
25193901	Roller Pressure Upper
25213501	Long Sleeve
25226901	Rowe Ramp Coin
25235001	Shaft Roller
25248001	Standoff Male
25251801	Light Assy-Indicator (SBC-2)
25254801	Kit Cleaning Strip
26679501	Paging Kit Hand Held Mike Kit
26694703	Rowe Amplifier Kit R91 Thru Cd100C 26694703
26694704	Rowe Amplifier
27023902	Hopper Brush
27030506	Eprom And Piggyback 2006 $10 Rowe
27036001	Roller Assembly, Oba Update
27038901	Rowe Pulley & Shaft
27040501	Rowe Anti Cheat Kit
27-1079-00	Title Page Black Rowe CD100A - CD100E
27-1159-00	Caster & Cup Assembly for Rowe Jukebox
30519704	Rowe Gripper Bow & Hub Assy
30628501	10K Ohm pot (21994602)

REPLACEMENT PARTS FOR ROWE JUKEBOX CONTINUED

Part Number	Description
30632201	Rvc
30632209	Rvc Dual
30656905	Microphone
30702601	Cloth Cash Bag
30743126	Button set, number 0-9
30743207	Reset Button
30743208	Rowe Popular Button Black with White Letters Vertical Print
30763103	Battery 2.4V Rechargeable Rowe
30790401	Sprag Gear For Rowe Model E
30790603	Rotator Assembly New Style
30790801	Motor
30793301	Sprag wheel hub
30793901	Sprag plate
30800237	IC, Display Driver Vac Flu
30837101	Keyboard switch
30859401	30 Watt 60Hz Ballast Rowe Jukebox CD100
30866501	Orange lens cover
30866502	Blue lens cover
30866504	Purple Lens Cover
30866505	Red lens cover
30905901	Rowe Optical Sensor
30906801	Optic switch
30923807	Vertical Arrow Button For Rowe Jukebox
30930402	Rowe Hub & Hold Down Magnet
30933902	Rowe Cd51 3 Page Title Holder Black
30933903	Page & clip assy for CD-100, red
30935903	CD title strip cards, numbered (4 per card)
30935904	CD Title Strip Cards, Blank
30936203	Title Page Motor
30936301	Motor gear assembly For CD-100
30956301	Piston support kit
30972301	Color Tube
30979901	Rowe Title Page Bearing
30982303	Motor Rh Cd100F Color Tube
30982304	Motor Lf Cd100F Color Tube
30995201	Wireless Microphone Kit
34002601	Card-Ami Lh
34002801	Rowe Side Decal Left
34002901	Rowe Side Decal Right
34007601	Reject Button 100G & 100K Rowe
34007701	Reject Bezel 100G & 100K Rowe
34012101	Rowe Page Motor
34015303	Power Supply Neon 12Vdc Rowe Jukebox
340175704	Rowe Neon Power Supply & Bracket Assembly
34022301	Rowe Harness for Mei Val Upgrade Kit
34032901	Volume Control Unit
34036201	Hub Centering Pin
34039105	12V Fan 80 x 15 with Connector Rowe Internet Audio AMP
34053001	Pad-Filter Rowe Nitehawk and Nitestar Jukebox
35031202	Rowe Coin Chute Plastic
35044502	Inner Coin Guide Assembly
35047202	Rowe Agitator Cam Hi Cap
35049102	Hopper Drive Motor
35069101	Bracket Mounting

Part Number	Description
35072201	Stacker Motor Crank
35072801	Edge, Chute
35079905	Pwb Reflective Sensor
35080004	Shaft Roller Take Up
35080101	Pulley Drum
35080501	Lower Roller
35080603	Roller Assembly
35082002	OBA Belt
35082007	Timing Belt Ba 50 210 Teeth Rowe
35083004	Lower Track
35088501	Sensor & Connect Assembly
35093701	Rowe Motor and Switch Assy
35097801	Shaft Asm-Pressure & Roller
35114901	Belt Upper Drive 3500 Changer
35118601	Belt Clear Rowe Bill Transport OBA2
35118801	Harness Bc 3500
35126501	Anti Cheat Lever Pull Back (Ba-50)
35130001	Upper Harness and Cell Assembly
35130004	Lower Harness & Cell
37004001	Token Decal Bc3500
40710105	Drive board for CD
40714908	Rowe Pneumatic Spring for use in Jukebox 407149-08
40720601	Trunion Gear
40722301	Wheel Sprag Rowe 4-07223-01
40731002	Speaker Low Frequency
40824302	Rowe Animation Motor & Harness Rowe CD Jukebox 100A-E
40830704	Speaker Woofer
40830803	6" Midrange Speaker
40830901	Tweeter CD Box
40833802	Gear Rowe Title Rack CD100
40835401	Rowe Number Strip for CD100 00-99 Adhesive Backed
40846302	Receiver assembly IR Rowe Jukebox
40863101	Diode Bias Assembly with wires Rowe Jukebox
40877101	Title Rack Motor Rowe CD100F - CD100K
40880601	Rowe Coin Inlet
40895301	Cap Top Corner Chrome Left/Right Rowe Laserstar Wallphono
40895401	Cap Bottom Corner Left Chrome Rowe Laserstar Wallphono
40895501	Cap Bottom Right Corner Chrome Rowe Laserstar Wallphono
40933101	Infra red Volume Control - 2 Channel
45034001	Hopper Motor Ratchet Coupling
45069002	Harness & Cell - Upper Replaces B0030824
45073101	Magnetic Head BC3500
61053602	Title Page Rowe Nostalgia
61078901	Title Page Rowe CD-MM1 & MM2 CD100 Laser Star Eagle
61086202	Mech Control Board
61094201	Title Page Black Rowe CD100F CD100G CD100H
61094202	Title Page White Rowe CD100I CD100J
70036506	Volt Reg 5V .5A LM340/7805
70113005	Rowe Roll Pin .066/.069 x 7/16
70113013	Pin-Roll .099/.103 x 7/8
70113204	Pin for Stacker motor PIN-SPIR 5/6 x O x 11/16
70146001	Bearing Nyliner Rowe
70163211	Lock for Rowe Jukebox
70163212	Lock with Keys C094A
79920471	Rowe CAP 470

OMNI COOL SYSTEM

New

- The Solution for the common overheating issues with the MJS computer…A small investment for increased uptime for your jukeboxes on location
- Universal cooling system for use with both MJS & JCB computers used within TouchTunes jukeboxes
- This cooling system surrounds all four sides of the computer with moving air, thus eliminating all thermal damage to your jukebox hardware
- Lowers operating temperature by 20% - 28% which will significantly extend the life of your hardware
- Designed to improve the reliability of your jukebox hardware for years
- Cost effective solution to reduce service calls
- Quick and easy in the field installation with universal mounting can be done within 10-15 minutes
- Fits most TouchTunes jukebox models (except Maestro and NSM Icon conversion cabinet)
- Bonus – Includes a "Tune Up" kit to further enhance the performance of electronic parts on MJS computers
- Includes +12vdc power supply
- Installation instructions included
- Size: 13" H x 8.5" W x 4.375" D
- 1-year manufacturer warranty
- MJS & JCB computers sold separately



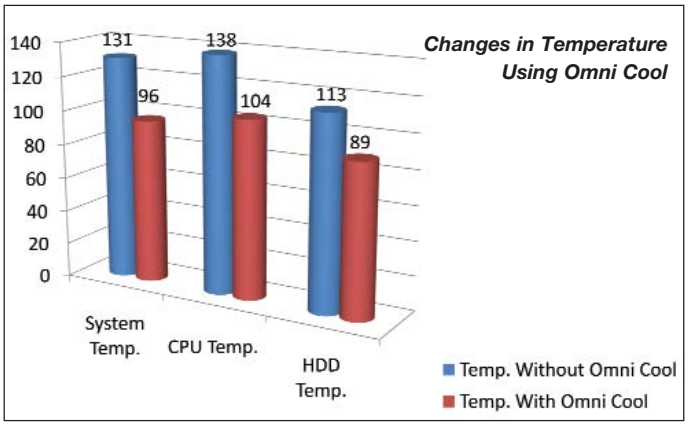


AC Power Cord Included





MJS Not Included



Part Number	Description
95-5461-00	Omni Cool System

EZ AMP COOLING SYSTEM

New

- A universal cooling and mounting system for TouchTunes DA415 amplifier
- Prolongs the life of the amplifier
- This cost effective cooling system surrounds all four sides of the computer with moving air, thus eliminating all thermal damage to your amplifier
- Lowers operating temperature by 20% - 25% which will significantly extend the life of your amplifier
- Mount system allows for installation of amplifier anywhere in the cabinet (horizontal or vertical) without the need to cut hole in back of cabinet to obtain proper ventilation – No fins exposed to outside of cabinet
- Cost effective solution to reduce service calls
- Quick and easy in the field installation can be done within 5 minutes
- Size: 17" H x 9" W x 5.5" D
- Installation instructions included
- Powered by single AC cord, no extra cables taking up space or outlet
- Will not fit the Icon or Modbox models
- 1-year manufacturer warranty
- DA415 amplifier sold separately







Amplifier Not Included

Part Number	Description
95-5357-00	EZ Amp Cooling System

REPLACEMENT PARTS FOR TOUCHTUNES

TOUCHTUNES 19" LCD MONITOR

- For use with Allegro and Ovation jukeboxes
- Units are now manufactured using Elo LCD and SAW (Surface Acoustic Wave) touch screen
- Replace 300153-001 LCD unit







All Components Shown Are Included

Part Number	Description
600075-001	TouchTunes 19" LCD Monitor

TOUCHTUNES RETROFIT 15" LCD MONITOR

New

- Retrofit monitor
- Ref. No. 600070-001
- Allows you to convert your old 15" CRT monitor to LCD
- Includes ELO LCD, touch screen and controller
- Used on Genesis Jukeboxes
- Replaces 300154-001







All Components Shown Are Included

Part Number	Description
600070-001	TouchTunes Retrofit 15" LCD Monitor

TOUCHTUNES 17" LCD FOR RHAPSODY JUKEBOX

- ELO retrofit LCD monitor
- Ref. No. 600068-001
- ELO LCD has 3 year warranty
- Replaces General Touch unit that was previously used





All Components Shown Are Included



Part Number	Description
600068-001	TouchTunes 17" LCD for Rhapsody Jukebox

TOUCHTUNES 15" LCD FOR MAESTRO JUKEBOX

- ELO retrofit LCD monitor
- Ref. No. 600074-001
- ELO LCD has 3 year warranty







All Components Shown Are Included



Part Number	Description
600074-001	TouchTunes 15" LCD for Maestro Jukebox

REPLACEMENT PARTS FOR TOUCHTUNES

TOUCHTUNES REFURBISHED RAPSODY PC

- Refurbished PC
- Ref. No. 300083-001-R



Part Number	Description
300083-001-R	TouchTunes Refurbished Rhapsody PC

TOUCHTUNES 4-POST EURO CONNECTOR

- 4-post
- For use with MJS PC and Mirco-phone
- Ref. No. 100000-001



Part Number	Description
100000-001	TouchTunes 4-Post Euro Connector

TOUCHTUNES MJS PC

- New MJS PC
- Ref. No. 300114-002



Part Number	Description
300114-002	TouchTunes MJS PC

TOUCHTUNES 2-POST EURO CONNECTOR

- 2-post Allegra amp.
- Ref. No. 100001-001



Part Number	Description
100001-001	TouchTunes 2-Post Euro Connector

TOUCHTUNES REFURBISHED MAESTRO PC

- Refurbished PC
- Ref. No. 300004-002-R



Part Number	Description
300004-002-R	TouchTunes Refurbished Maestro PC

TOUCHTUNES FAN FILTER

- For Maestro
- Ref. No. 400049-001



Part Number	Description
400049-001	TouchTunes Fan Filter

TOUCHTUNES HOSA CABLE

- Hosa XRM105 XLR to RCA
- Ref. No. 300071-001
- Cable is 60-inches in length
- For use with Crown amplifier



Part Number	Description
300071-001	TouchTunes Hosa Cable

TOUCHTUNES FAN FILTER

- For Genesis and Rhapsody
- Ref. No. 400070-001

Part Number	Description
400070-001	TouchTunes Fan Filter

REPLACEMENT PARTS FOR TOUCHTUNES

TOUCHTUNES 4-CHANNEL DIGITAL AMPLIFIER

- DA415
- 4 ø per channel
- Ref. No. 700039-154
- Includes power cord
- Used in Ovation Jukeboxes only



Part Number	Description
700039-154	TouchTunes 4-Channel Digital Amplifier

TOUCHTUNES LIGHT GRAY SPRAY PAINT

- For Genesis jukebox
- Ref. No. 400161-001



Part Number	Description
400161-001	TouchTunes Light Gray Spray Paint

TOUCHTUNES DARK GRAY SPRAY PAINT

- For Rhapsody jukebox
- Ref. No. 400160-001



Part Number	Description
400160-001	TouchTunes Dark Gray Spray Paint

TOUCHTUNES SILVER PAINT

- For Maestro
- Ref. No. 400154-001



Part Number	Description
400154-001	TouchTunes Silver Paint

TOUCHTUNES 2-WAY SERIAL SPEAKER

- Ref. No. 700076-001
- 150 watts
- 4 ø
- For use with 700039-0154 4-channel digital amplifier
- Wall mount bracket included



Part Number	Description
700076-001	TouchTunes 2-Way Speaker Unit

BASS BOX POWER SERIAL SPEAKERS

- For MJS PC based jukeboxes
- For use with 700076-001 2-way speakers
- Ref. No. 700077-001



Part Number	Description
700077-001	Bass Box and Power Active Speaker

SATELITE SERIAL SPEAKERS FOR TOUCHTUNES

- For use with Touchtunes Jukeboxes
- Sold in pairs
- Ref. No. 700078-002
- 75 watts
- 8 Ohm



Part Number	Description
700078-002	Satellite Serial Jukebox Speakers

REPLACEMENT PARTS FOR TOUCHTUNES

TOUCHTUNES 15" LCD MONITOR

- Unit includes General-Touch touch screen and controller
- Ref. No. 300152-001
- Used on TouchTunes wall mount jukeboxes



Part Number	Description
300152-001	TouchTunes 15" LCD Monitor

TOUCHTUNES DI BOX

- Line-out
- Ref. No. 700003-001
- Converts a balanced signal to an unbalanced audio signal





BACK VIEW

Part Number	Description
700168-001	TouchTunes DI Box

TOUCHTUNES GENESIS FAN

- 110V
- Ref. No. 300060-001



Part Number	Description
300060-001	TouchTunes Genesis Fan

TOUCHTUNES WALL MOUNT FAN

- 12vdc
- 80 x 80 x 25mm
- Used on Maestro jukebox
- Ref. No. 300073-001



Part Number	Description
300073-001	TouchTunes Wall Mount Fan

TOUCHTUNES UNIVERSAL REMOTE KIT

- 433MHz
- Single frequency blue remote
- Comes with bracket and manual
- Compatible with Allegro, Maestro-II, Ovation, and MX-1
- The new single frequency remote is more robust and splash resistant
- Only supports the 433MHxz which is the newer jukeboxes
- For remote only see Part No.700194-001
- Old TouchTunes Ref. No. 600024-001



Part Number	Description
600069-001	TouchTunes Universal Remote Kit

TOUCHTUNES REMOTE

- RF,UnivSE47 (Dual v.2)
- Spare dual frequency remote
- 27MHz and 433 MHz
- Compatible with all jukeboxes
- Mainly supports the 27MHz on older jukeboxes such as Genesis, Rhapsody, and Maestro-I
- Same as old version but new firmware and improved electronics
- Old TouchTunes Ref. No. 700031-001



Part Number	Description
700031-003	Touchtunes Remote

TOUCHTUNES REPAIRS FOR OUT OF WARRANTY PRODUCT

New



- Suzo-Happ is now an authorized service center for Out of Warranty product for TouchTunes
- We repair LCD monitors for the Allegro, Ovation and Rhapsody jukeboxes
- LCD units covered are General Touch models 15" unit model numbers OTI15JRS-04, OTL15JS-06S and 19" unit model number OTL19S-04-JS
- We also repair the MJS computer
- All repairs come with a 30-day warranty

15" OTLJRS-04	General Touch LCD Repair
15" OTL15JS-06S	General Touch LCD Repair
19" OTL19S-04-JS	General Touch LCD Repair

Contact your Suzo-Happ Customer Service Rep to arrange a Repair RMA.
All incoming repairs must have an authorized RMA.
All work will be completed in our Mount Prospect, IL service location.

REPLACEMENT PARTS FOR TOUCHTUNES

Part Number	Description
100000-001	4-Post Euro Connector for Use on TouchTunes Jukebox
100001-001	2-Post Euro Connector f/Use on TouchTunes Allegro Jukebox
100141-001	Power Supply Maestro I TouchTunes
300003-017	CPU Fan Maestro Wall Box
300004-002-R	Refurbished PC for TouchTunes Maestro Jukebox
300004-002-D	Maestro PC with PCI Modem Non-Tested, for Parts
300010-001	Power Supply Control Board 12V
300013-001	Sound Card, Maestro
300014-001	Sound Card, Genesis
300015-001	MDB Card
300030-001	Amp for Bose BBox (+casting)
300033-001	Zone 1 amplifier, 115VAC
300034-001	Zone 2 amplifier - Genesis/Rhapsody
300054-001-D	Genesis II PC, ATX Style, Non-Tested, for Parts
300056-001	Dlink Network Card
300060-001	Replacement Fan 110V for TouchTunes Genesis Jukebox
300065-001	Video Card ATI Xpert 2000
300068-001	Hard Drive PCB Assembly with Fixed
300070-120	Replacement Hard Drive IDE 120 GB w/Tray f/TouchTunes Jukebox
300071-001	TouchTunes Cable, HOA XRM105 XLR to RCA 5 feet long
300073-001	Replacement Fan 12VDC for TouchTunes Wall Mount Jukebox
300080-001	Subwoofer Only (Wood Box) fo rAM141P Bose Amp
300082-001	DC/DC Converter for Gen II
300083-001-D	PC Rhapsody/Gen II S2099 Refurb, Non-Tested, for Parts
300083-001-R	Refurbished PC for TouchTunes Rhapsody Jukebox
300103-001	PCB, MJS AMR Modem
300107-001	PCB, MJS I/O DSP Assembly
300110-001	TouchTunes Power Supply MJS 83W
300114-001	MJS PC for Use in TouchTunes Jukebox (see 300114-002)
300114-001-R	Refurbished MJS PC for TouchTunes Jukebox
300114-002	MJS PC for Use in TouchTunes Jukeboxes
300114-002-R	Refurbished MJS PC for TouchTunes
300140-001	Manager, Ibutton brd Genesis/Rhapsody
300152-001	TouchTunes 15" LCD with Touch & Controller for Wall Mount
300152-001-R	Refurbished TouchTunes 15" LCD with Touch & Controller
300153-001	TouchTunes 19" LCD w/Touch & Controller f/Allegro & Ovation
300154-001	TouchTunes 15" LCD Retro Fit Kit for Genesis Jukebox
300160-034	Antenna for Maestro 2
300168-001	Cable Adaptor, M-F, 120V
300173-001	Cable, for ELO 1788T
300189-013	Cable, PCB to PC, Pwr, 13"
300190-036	Cable, Serial Touch Screen 36"
300190-084	Cable, Serial Touch Screen 84"
300193-076	Cable, RJ11, 6W, VolCtrl, 76"
300227-001	Touch Screen Only for TouchTunes Maestro II Jukebox
300227-002	TouchTunes Touchgl. 15" LCD/GT Gen 4mm

Part Number	Description
300228-001	TouchTunes Touch Screen Replacement for Genesis I
300229-001	TouchTunes 19" Replacement Touch Screen
300272-001	TouchTunes JCB Computer
300273-001	19" Touch Screen for TouchTunes Ovation and MX1
300350-001	Mon. AD Board OTL 15J/JR
300351-001	Mon. AD Board OTL19
300352-001	Mon. Inverter Board OTL19
300353-001	Mon. Inverter Board OTL 15J/JR
300354-001	Mon. OSD Board Kit with CB OTL15J
300355-001	Mon. OSD Board Kit with CBL OTL19
300356-001	Mon. Touch Ctrl OTL15J/JR
300357-001	Mon. Power Adapter OTL15JR
400030-001	Cover, Coin, Bag, Console, Maestro
400031-001	Bags, Coins, Cloth, Console, Maestro
400035-001	Speaker Bracket Bose WB-3 for 301 Series Speakers
400049-001	Black Filter Fan for TouchTunes Maestro Jukebox
400059-001	Wall Bracket for TouchTunes Maestro Wall Box
400070-001	White Filter Fan f/TouchTunes Genesis & Rhapsody Jukeboxes
400101-001	Bracket, Payment Console, Maestro
400154-001	Spray Paint, Silver #1066-4 for Maestro Jukebox
400160-001	Spray Paint Can, Dark Gray for TouchTunes Jukebox
400161-001	Spray Paint Can, Light Gray for TouchTunes Jukebox
400241-004	TouchTunes Payment Bracket USA
400241-005	TouchTunes Payment Bracket CND
400274-001	TouchTunes, Rotary latch Brack
400275-001	TouchTunes, Rotary Latch
400276-001	TouchTunes, Rod for Latch, Bravo Ovation
400279-001	TouchTunes, Keylock and Cam Ovation
400298-001	TouchTunes, Plastic Clip for Rotary Latch
400311-001	TouchTunes, Striker Bracket Bravo
400319-001	TouchTunes, Lock Stud
400356-001	TouchTunes, Security Cap, Ovation, Plastic
400361-001	TouchTunes Upgrade Kit Card Reader Singular
500003-001	TouchTunes Bracket Assembly
57057-1A	Magazine Cable Assembly with Optic Rock-Ola 7000
600033-001	TouchTunes Mini-Platform Sound System
600056-011	Card Reader Upgrade Kit for TouchTunes Allegro CND
600056-012	Card Reader Upgrade Kits for TouchTunes Maestro II CND
600056-13	Card Reader Update Kit for TouchTunes Ovation CND
600056-021	Card Reader Update Kit for TouchTunes Allegro USA
600056-022	Card Reader Update Kit for TouchTunes Maestro II USA
600056-023	Card Reader Upgrade Kit for TouchTunes Ovation USA
600068-001	TouchTunes Rhapsody LCD/Elo 17" Replacement Kit
600069-001	TouchTunes Remote Kit, 433MHz Single
600070-001	TouchTunes Genesis LCD/Elo 15" Replacement Kit
600074-001	Mon. 15" LCD/Elo Mae Replacement Kit
600075-001	TouchTunes All/Ovation 19" LCD/Elo Replacement Kit

REPLACEMENT PARTS FOR TOUCHTUNES

Part Number	Description
700000-002-D	Genesis II PC, Non-Tested, for Parts
700003-001	DI Box Line Out for TouchTunes Jukeboxes
700005-002	TouchTunes 250GB Hard Drive for Tune-Central
700005-002-R	Refurbished TouchTunes Hard Drive for Tune-Central
700010-001	Bose 301 Speakers(Pair) used with TouchTunes
700013-001-D	Crown Amp XLS 202 Refurb, Non-Tested, for Parts
700030-001-D	Crown Amp XLS 602 Refurb, Non-Tested, for Parts
700031-01	Universal Remote (Remote Only) for TouchTunes Jukebox
700031-003	TouchTunes Remote, RF, UnivSE47 (Dual V.2)
700039-001	4-Channel Digital Amp, DA415 for TouchTunes Jukebox
700039-002	3-Channel Digital Amp, DA415 for TouchTunes
700039-153	3-Channel Digital Amp, DA415 f/TouchTunes Ovation Jukebox
700039-154	4-Channel Digital Amp, DA415 f/TouchTunes Ovation Jukebox
700062-001-D	Crown Amp XTI 1000 Refurb, Non-Tested, for Parts
700076-001	2-Way Speaker for TouchTunes Jukebox 150 Watt 4 Ohm
700077-001	B-Box Active Speaker Unit for TouchTunes Jukebox
700078-002	TouchTunes Satellite Speakers 75 Watt 8 Ohm (2-Pack)
700079-001-D	Crown Amp XLS 802 Refurb, Non-Tested, for Parts
700106-001	CB Style Microphone Shure 514B
700144-153	TouchTunes Digital Amp, DA415, 3 Channel
700144-154	TouchTunes Digital Amp, DA415, 4 Channel
700167-001	DI Box, Line In Interface
700168-001	DI Box, Line Out Interface
700194-001	TouchTunes Remote, RF, SC33 433MHz (Single)
900139-001	Decal, TT Dig Juk (Rhapsody) Decal Yellow
900215-001	TouchTunes Lexan Decal Allegro USA
900215-003	TouchTunes Lexan Decal Ovation USA
900222-001	TouchTunes Lexan Decal Allegro CND
900222-003	TouchTunes Lexan Decal Ovation CND



THE SOLUTION

Are you having a problem getting your older wall mount NSM jukeboxes to accept the newer currency? Well, Suzo-Happ has The Solution to your problem. Now you can update your older NSM wall mount jukeboxes to accept the new currency, dollar coin, and the quarter.

Introducing: The Solution, our Attractive Streamline Side Mount Kit

- Now you can update your older pre-5.1 NSM wall mount jukeboxes to accept the new currency,dollar, coin and quarter
- Everything you need for an easy and fast installation in less than 15 minutes
- Provides higher revenues and fewer service calls
- Easier collections
- Bill validator not included
- Now you can experience the reliability you have come to expect from Mars validators
- This product is intended to be used with MARS AE2400 or AE2600 upstacker, 110 vac, sold separately
- Utilizes Imonex R9 roll down acceptor for $1.00 & $.25 coins
- Dimensions: 23.50" H x 7.56" D x 5.50" W
- Kit Includes everything you need for an easy and fast installation:
  - Enclosure box
  - Mounting hardware
  - Lock & Key
  - Metal blanking plates
  - Imonex R9 roll down acceptor

The Solution



Part Number	Description
40-0675-10	The Solution Side Mount Kit
Optional Bill Validators Available	
42-7434-00	Mars AE2411U5E $1& $5 with 500 Bill Capacity Upstacker
42-7310-00	Mars AE2611U7E $1, $5, $10 & $20 with 700 Bill Capacity Upstacker

CHAMPIONSHIP BILLIARD FABRIC PRODUCT LINES

Tour Edition (3030)
shown in championship green (31)



Titan (3078)
shown in burgundy (62)



Teflon Invitational (4066)
shown in basic green (00)



Mercury Ultra (3045/4045)
shown in basic green (00)



Saturn II (2066)
shown in basic green (00)



CHAMPIONSHIP BILLIARD FABRIC COLORS



COVERING YOUR TABLES WITH CHAMPIONSHIP BILLIARD FABRIC

IS LIKE MONEY IN THE BANK



The clink of quarters in a coin box: the only thing more reassuring to someone in the amusement industry is knowing their tables are covered with Championship fabric. That's because our fabrics are engineered to withstand the punishment of commercial use, yet satisfy the most demanding amateur and professional players. We also offer our fabrics in six-packs of pre-cut bed and rail sets in addition to bolts, giving you more control of your inventory. And because the future is never far away, we set the pace in billiard fabric innovation. That way, with Championship, you can keep the balls rolling true and the quarters rolling in.

INVITATIONAL

Invitational

A unique, 19-ounce weighted, wool blend, Invitational is the #1 selling fabric in the amusement industry. Color options include: (00) Basic Green and (43) Electric Blue, which glows under black light. Invitational is available both backed and unbacked.

MERCURY ULTRA

Mercury Ultra

The playability of a worsted and the durability of a wool blend make this fabric very popular in commercial and coin-operated billiard rooms. Mercury Ultra holds the honor of being chosen official billiard cloth to more amateur tournaments than any other fabric in the world. Color options include: (31) Tournament Green, (32) Dark Green, (62) Burgundy and (43) Electric Blue.

VALLEY Teflon Ultra

by Championship

Valley Teflon® Ultra

Our latest fabric is impregnated with a new Dupont® Teflon®formula which makes it practically stain resistant while having no effect on playability. This way, spills can be wiped away and your investment is protected. Available in (31) Tournament Green.

Championship Billiards is proud to cover the 2003 BCA National 8-Ball Championships with Mercury Ultra Billiard Cloth.

BCA NATIONAL 8-Ball Championships

CHAMPIONSHIP

Setting The Standard.

ENGINEERED BY MASTERS

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CHAMPIONSHIP TITAN POOL CLOTH

- 66" width yields all 6 rails from side cut
- True play, semi non-directional
- Durable: 75% wool, 25% nylon
- Specially created for fast play
- Active shearing assures the most level playing surface
- With inventory control tape
- Cloth weight is net, then backing is added for backed versions
- Sold in Full Bolts or Half Bolts only

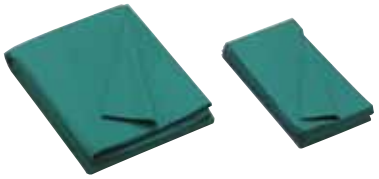
Part Number	Description
26-1912-00	21 oz. Tournament Green Backed - Full Bolt
26-1912-HB	21 oz. Tournament Green Backed - Half Bolt
26-1239-00	21 oz. Standard Green Backed - Full Bolt
26-1239-HB	21 oz. Standard Green Backed - Half Bolt
26-1238-00	21 oz. Standard Green Unbacked - Full Bolt
26-1238-HB	21 oz. Standard Green Unbacked - Half Bolt
26-1682-00	21 oz. Electric Blue Unbacked - Full Bolt
26-1682-HB	21 oz. Electric Blue Unbacked - Half Bolt
26-1543-00	21 oz. Tournament Green Unbacked - Full Bolt
26-1543-HB	21 oz. Tournament Green Unbacked - Half Bolt
26-1430-00	21 oz. Black Unbacked - Full Bolt
26-1430-HB	21 oz. Black Unbacked - Half Bolt
26-1299-00	21 oz. Red Unbacked - Full Bolt
26-1299-HB	21 oz. Red Unbacked - Half Bolt
26-1308-00	21 oz. Burgundy Unbacked - Full Bolt
26-1308-HB	21 oz. Burgundy Unbacked - Half Bolt
26-1567-00	21 oz. Wine Unbacked - Full Bolt
26-1295-00	21 oz. Navy Unbacked - Full Bolt
26-1298-00	21 oz. Bottle Green Unbacked - Full Bolt
26-1238-37	21 oz. Taupe Unbacked - Full Bolt
26-1238-46	21 oz. Khaki Unbacked - Full Bolt
26-1238-47	21 oz. Camel Unbacked - Full Bolt
26-1238-57	21 oz. Euro Blue Unbacked - Full Bolt
26-1238-57HB	21 oz. Euro Blue Unbacked - Half Bolt
26-1238-72	21 oz. Steel Grey Unbacked - Full Bolt
26-1493-00	21 oz. Dark Green Unbacked - Full Bolt
26-1493-HB	21 oz. Dark Green Unbacked - Half Bolt

CHAMPIONSHIP MERCURY ULTRA POOL CLOTH

- Used in billiard tournaments
- Professional playing surface, plays true and fast
- High speed; minimal fuzz
- 66" wide, yields all 6 rails from side cut
- With inventory control tape insert
- 60/40 Wool/Synthetic
- Sold per yard

Part Number	Description
26-1534-00	19 oz. Tournament Green Unbacked - Full Bolt
26-1534-HB	19 oz. Tournament Green Unbacked - Half Bolt
26-1534-10	19 oz. Backed - Full Bolt
26-1534-10HB	19 oz. Backed - Half Bolt

CHAMPIONSHIP TITAN PRE-CUT POOL CLOTH BEDS



- 21 oz. cloth without backing, 75% wool & 25% nylon
- 100% Inspected-no strings
- Professionally cut to exact size specification for 7 ft., 8 ft., and 9 ft. pool tables
- Lower your inventory costs
- Prevents THEFT
- Includes cloth for bed and 6 rails
- Rails cut vertically from the length, not the width, for easier installation
- Conveniently packaged in a plastic bag

7' Table	8' Table	9' Table	Color
26-1235-007	26-1235-008	26-1235-009	Standard Green
26-1235-107	26-1235-108	26-1235-109	Dark Green
26-1235-207	26-1235-208	26-1235-209	Electric Blue
26-1704-00	26-1235-78	26-1235-579	Euro Blue
26-1235-307	26-1235-308	26-1235-309	Red
26-1235-917	26-1235-918	26-1235-919	Brite Red
26-1235-257	26-1756-00	26-1235-269	Brite Orange
26-1235-407	26-1235-408	26-1235-409	Burgundy
26-1235-607	26-1235-608	26-1235-609	Bottle Green
26-1235-247	26-1235-258	26-1235-259	English Green
26-1235-807	26-1235-808	26-1235-809	Camel
26-1235-147	26-1235-148	26-1235-149	Navy Blue
26-1235-157	26-1235-158	26-1235-159	Wine
26-1549-00	26-1569-00	26-1569-09	Purple
26-1235-177	26-1235-178	26-1235-179	Steel Grey
26-1235-187	26-1235-188	26-1235-189	Charcoal Blue
26-1235-197	26-1235-198	26-1235-199	Black
26-1235-217	26-1235-218	26-1235-219	Aztec
26-1235-237	26-1235-238	26-1235-239	Brick
26-1238-597	26-1235-598	26-1883-00	Brown

CHAMPIONSHIP TOUR EDITION POOL CLOTH



- Used by the most discriminating players
- Heavy weight 24 oz. cloth unbacked
- 70/30 Wool/Nylon blend
- 66" wide, yields all 6 rails from side cut
- Color: Tournament Green

Part Number	Description
26-1542-00	24 oz. 66" Tournament Green - Full Bolt
26-1542-HB	24 oz. 66" Tournament Green - Half Bolt

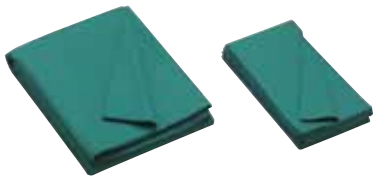
VALLEY TEFLON® ULTRA POOL CLOTH



- Mercury Ultra cloth is bathed in DuPont® Teflon® before it is woven to create the only true water resistant cloth
- Perfect for your toughest locations
- Used on all new Valley pool tables
- Professional playing surface plays true and fast
- 66" wide yields all 6 rails from side cut
- 75% wool, 25% nylon
- Cloth weight is net, then backing is added for backed versions
- Guaranteed spill proof and stain resistant
- Backed cloth has special fusible backing
- Color: Tournament Green

Part Number	Description
26-1534-15	19 oz. Unbacked - Full Bolt
26-1534-15HB	19 oz. Unbacked - Half Bolt
26-1534-20	19 oz. Backed - Full Bolt
26-1534-20HB	19 oz. Backed - Full Bolt

VALLEY TEFLON® ULTRA PRECUT POOL CLOTH BEDS



- Mercury Ultra cloth is bathed in DuPont® Teflon® before it is woven to create the only true water resistant cloth
- Perfect for your toughest locations
- Used on new Valley pool tables
- Professional playing surface plays true and fast
- Cut to the exact size specification for 7 ft. pool tables
- 75% wool, 25% nylon
- Backed cloth has special fusible backing
- Guaranteed spill proof and stain resistant
- Includes cloth for bed and 6 rails
- Rails are cut vertically from the length, not the width, for easier installation
- Color: Tournament Green

Part Number	Description
26-1534-317B	For 7 Ft. Table, 19 oz. Backed
26-1534-317	For 7 Ft. Table, 19 oz. Unbacked

CHAMPIONSHIP INVITATIONAL POOL CLOTH



- 66" width yields all 6 rails from side cut
- Long wool fibers reduce pilling
- True play, semi non-directional
- Durable: 75% wool, 25% nylon
- Active shearing assures the most level playing surface
- Cloth weight is net, then backing is added for backed versions
- Available in 14 colors

Part Number	Description
26-1236-00	19 oz. 66" Standard Green Unbacked- Full Bolt
26-1236-HB	19 oz. 66" Standard Green Unbacked - Half Bolt
26-1237-00	19 oz. 66" Standard Green Backed- Full Bolt
26-1237-HB	19 oz. 66" Standard Green Backed - Half Bolt
26-0493-31	20 oz. Tournament Green with Teflon - Full Bolt
26-0493-31HB	20 oz Tournament Green with Teflon - Half Bolt
26-1236-36	19 oz. 66" Olive Unbacked - Full Bolt
26-1237-311	20 oz. Tournament Green Backed - Full Bolt

CHAMPIONSHIP INVITATIONAL FAST PACK COMPLETE BED & RAIL SETS



- Convenient - no measuring or cutting required, no rails to strip and cut, eliminates measuring and cutting errors, 100% usable...no wasted material
- Durable 19 oz. cloth plus backing, 75% wool, 25% nylon
- 100% inspected - no strings or flaws
- Fine quality poly-cotton backing enhances smooth play and long wear
- Eliminates theft
- Rails are professionally cut from bolt length, not cross cut for easier installation and more consistent rebound.
- The identical durable high-quality cloth used worldwide by major coin operated pool table manufactures.
- Improves inventory control
- Each set of bed and rails are rolled and placed within a polybag for protection
- 6 Rolls per case

Part Number	Description
26-1276-00	7 Ft - Green
26-1275-00	8 Ft - Green

Mali

FREEDOM OF CHOICE...



MALI BILLIARD CLOTH

The Oldest and Largest Billiard Cloth Manufacturer in America.

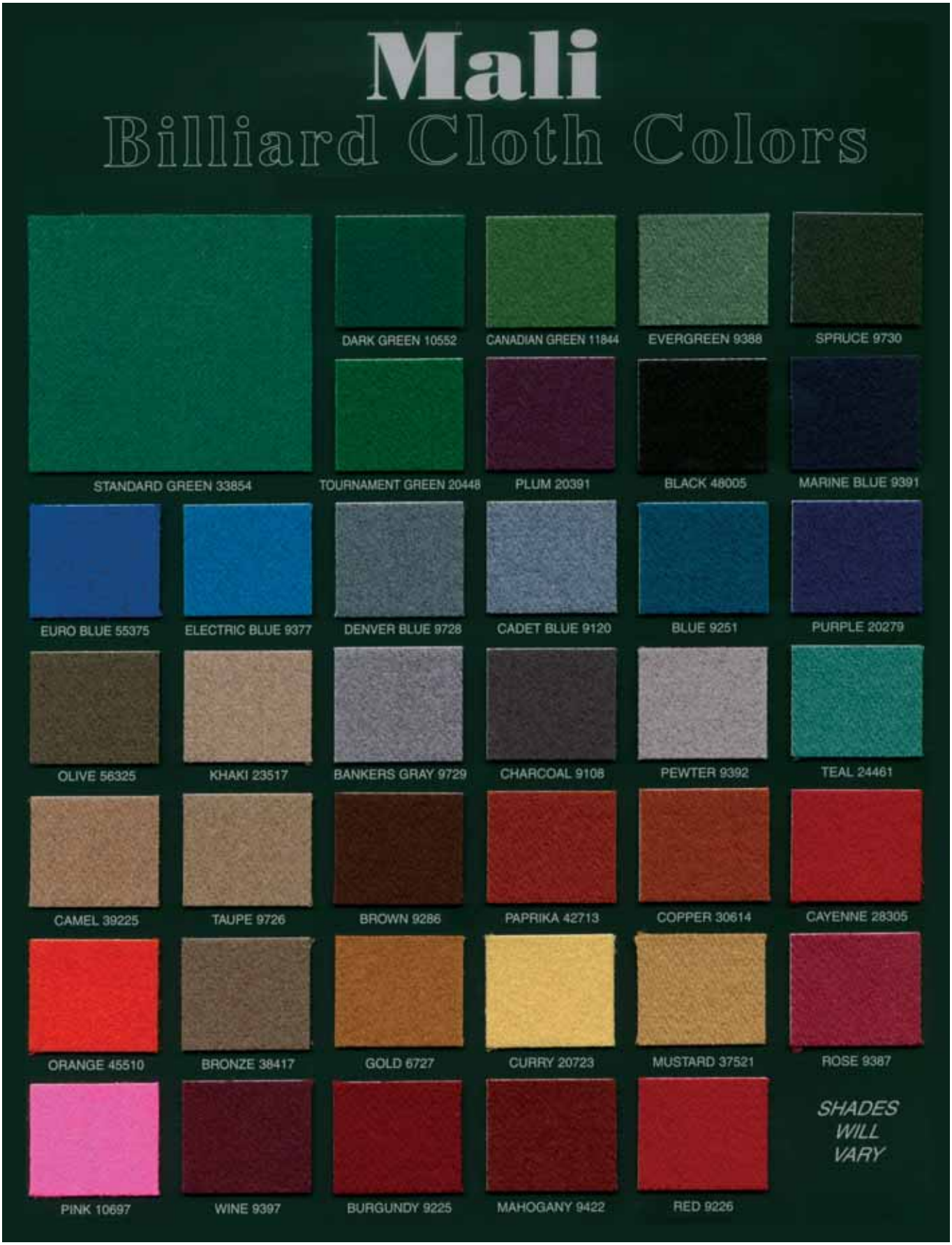
Mali & Co. has set high standards on how Billiard Cloth is made. With over 175 Years of experience, we pride ourselves on our enduring knowledge of the woolen cloth market and continue to lead the industry in every aspect.

Now with thirty-six different colors and eight different styles to chose from, Mali Cloth is the ideal choice to cover any table. Trust a tradition of excellence and ask for Mali Cloth.

THE HENRY W.T. MALI & CO., INC.

257 PARK AVENUE SOUTH NEW YORK NY 10010 PHONE: 212-475-4960 FAX: 212-533-8169
TOLL FREE: 800-223-6468 WEB: WWW.MALICLOTH.COM E-MAIL: MALICLOTH@AOL.COM OR SALES@MALICLOTH.COM




Mali
Billiard Cloth Colors
STANDARD GREEN 33854
DARK GREEN 10552
CANADIAN GREEN 11844
EVERGREEN 9388
SPRUCE 9730
TOURNAMENT GREEN 20448
PLUM 20391
BLACK 48005
MARINE BLUE 9391
EURO BLUE 55375
ELECTRIC BLUE 9377
DENVER BLUE 9728
CADET BLUE 9120
BLUE 9251
PURPLE 20279
OLIVE 56325
KHAKI 23517
BANKERS GRAY 9729
CHARCOAL 9108
PEWTER 9392
TEAL 24461
CAMEL 39225
TAUPE 9726
BROWN 9286
PAPRIKA 42713
COPPER 30614
CAYENNE 28305
ORANGE 45510
BRONZE 38417
GOLD 6727
CURRY 20723
MUSTARD 37521
ROSE 9387
SHADES WILL VARY
PINK 10697
WINE 9397
BURGUNDY 9225
MAHOGANY 9422
RED 9226

MALI POOL CLOTH



Mali POOL TABLE CLOTH

- Non-directional
- Original cloth used by leading manufacturers of coin-operated pool tables
- Sold in Full Bolts or Half Bolts only
- 62" Wide

Part Number	Description
WITH BACKING	
26-1019-00	19 oz. Dark Green #924-200 - Full Bolt
26-1019-HB	19 oz. Dark Green #924-200 - Half Bolt
26-1006-00	19 oz. Standard Green #924-22 - Full Bolt
26-1006-HB	19 oz. Standard Green #924-22 - Half Bolt
26-1448-00	19 oz. Standard Green #923-23 - Full Bolt
26-1448-HB	19 oz. Standard Green #923-23 - Half Bolt
26-1467-00	19 oz. Electric Blue #924-402 - Full Bolt
26-1467-HB	19 oz. Electric Blue #924-402 - Half Bolt
26-1439-00	19 oz. Red #924 - Full Bolt
26-1439-HB	19 oz. Red #924 - Half Bolt
26-1036-98	19 oz. Burgundy #10924-4225 - Full Bolt
26-1036-HB	19 oz. Burgundy #10924-4225 - Half Bolt
26-1038-00	21 oz. Standard Green #920-22 - Full Bolt
26-1038-HB	21 oz. Standard Green #920-22 - Half Bolt
26-1281-00	21 oz. Dark Green #920-200 - Full Bolt
26-1281-HB	21 oz. Dark Green #920-200 - Half Bolt
26-1279-00	21 oz. Electric Blue #920-402 - Full Bolt
WITHOUT BACKING	
26-1044-00	19 oz. Dark Green #824-200 - Full Bolt
26-1044-HB	19 oz. Dark Green #824-200 - Half Bolt
26-1046-00	19 oz. Standard Green #824-22 - Full Bolt
26-1046-HB	19 oz. Standard Green #824-22 - Half Bolt
26-1459-00	19 oz. Red #824 - Full Bolt
26-1045-00	21 oz. Standard Green #820-22 - Full Bolt
26-1045-HB	21 oz. Standard Green #820-22 - Half Bolt
26-1291-00	21 oz. Dark Green #820-200 - Full Bolt
26-1329-00	21 oz. Electric Blue #820-402 - Full Bolt
26-1329-HB	21 oz. Electric Blue #820-402 - Half Bolt
26-1497-00	20-21 oz. 62-63" Cadet Blue #822-7112 - Full Bolt
26-1512-00	21 oz. Plum #6391 - Full Bolt
26-1147-00	21 oz. Red #10820-9226 - Full Bolt
26-1147-HB	21 oz. Red #10820-9226 - Half Bolt
RAIL CLOTH WITHOUT BACKING	
26-1036-99	19 oz. Standard Green
26-1422-00	19 oz. Dark Green

MALI TEFLON® HYDRA POOL CLOTH



Mali POOL TABLE CLOTH

Teflon® Fabric protector only by DuPont

- Mali takes it's new Hydra pool cloth and bathes it in Dupont "Teflon" to offer water and stain resistance
- Great for those tough locations
- 75% wool, 25% nylon
- Hard pressed finish for maximum speed and absolute uniformity
- Sheared to accurate specifications with state of the art technology
- Color: Tournament Green
- 62" wide
- Sold in Full Bolts or Half Bolts only
- 70 yards per bolt, minimum order 35 yards

Part Number	Description
26-1840-00	19 oz. Tournament Green Unbacked - Full Bolt
26-1841-00	19 oz. Tournament Green Backed - Full Bolt
26-1841-HB	19 oz. Tournament Green Backed - Half Bolt

MALI HYDRA POOL CLOTH



Mali POOL TABLE CLOTH

- Mali's latest takes games play to a new level
- 75% wool, 25% nylon
- Hard pressed finish for maximum speed and absolute uniformity
- Sheared to accurate specifications with state of the art technology
- Color: Tournament Green
- 62" wide
- Sold in Full Bolts or Half Bolts only

Part Number	Description
26-1838-00	19 oz. Tournament Green Unbacked - Full Bolt
26-1838-HB	19 oz. Tournament Green Unbacked - Half Bolt
26-1839-00	19 oz. Tournament Green Backed - Full Bolt
26-1839-HB	19 oz. Tournament Green Backed - Half Bolt

MALI 923-23 POOL CLOTH

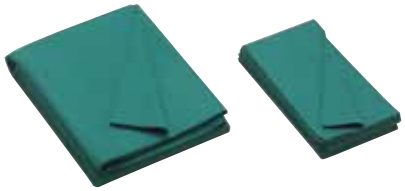


Mali POOL TABLE CLOTH

- 19 oz. backed
- Standard Green
- Non-Directional
- Original cloth used by leading manufacturers of coin-operated pool tables
- Durable Wool / Nylon blend
- Sold in Full Bolts only

Part Number	Description
26-1448-00	19 oz. Backed, Standard Green - Full Bolt

MALI PRE-CUT POOL CLOTH BEDS



Mali POOL TABLE CLOTH

- 21 oz. without backing
- 75% wool, 25% nylon
- Professionally cut for 7 ft. and 8 ft. tables
- 100% inspected – no strings
- Includes cloth for beds and 6 rails
- Lowers inventory costs
- 22 other colors available
- Conveniently packaged in a plastic bag

7' Table	8' Table	Color
26-1615-00	26-1626-00	Standard Green
26-1613-00	26-1624-00	Dark Green
26-1606-00	26-1617-00	Charcoal
26-1607-00	26-1618-00	Cadet Blue
26-1608-00	26-1619-00	Burgundy
26-1610-00	26-1620-00	Red
26-1609-00	26-1621-00	Blue
26-1611-00	26-1622-00	Electric Blue
26-1612-00	26-1623-00	Wine
26-1614-00	26-1625-00	Purple

1 PC BLACK BRIDGE CUE STICK



- Ideal for home or commercial use
- Solid one piece design
- Bridge head sold separately

Part Number	Description
26-0205-00	1pc Black Bridge Cue Stick

COIN PRO POOL CLOTH BY MALI



Mali POOL TABLE CLOTH

- Precision manufacturing at a cost effective price
- Non-Directional cloth
- 80% wool 20% nylon blend
- Color: Standard green
- Bolts are 65" in width
- Sold in Full Bolts or Half Bolts only

Part Number	Description
26-2129-00	21 oz. Standard Green - Full Bolt
26-2129-HB	21 oz. Standard Green - Half Bolt

SNEAKY PETE MAPLE CUE STICK

New



- High quality 18 oz to 21 oz maple wood cue
- 57" 2-piece cue
- Maple shaft with maple 4-prong butt
- Inlaid maple leaf SHG logo
- Rubber bumper
- Packed 36 per case



DETAIL VIEW

Part Number	Description
26-2125-18	18 oz Sneaky Pete Maple Cue Stick
26-2125-19	19 oz Sneaky Pete Maple Cue Stick
26-2125-20	20 oz Sneaky Pete Maple Cue Stick
26-2125-21	21 oz Sneaky Pete Maple Cue Stick

IMPRINTED CUE STICKS

New

- Now you can have your name, phone number or logo imprinted on your cue sticks
- Available for the following Suzo-Happ cue sticks
  - Maple Pro Hybrid cue stick (26-3161-00)
  - 8-Ball cue stick (26-1633-40)
  - Fiberglass cue stick (26-1984-00)
- Color: 1-color black only
- Lead time: 15 to 20 business days
- Maximum image size: 5" W x 0.375" H
- Plate charge: $75.00 (one time)
- Minimum Order: 144 each of the Maple Pro Hybrid and 8-Ball and 150 each of the Fiberglass cue stick
- Product must be taken all at one time



EXAMPLE OF CUSTOM IMPRINT

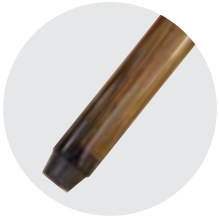
Part Number	Description
26-3161-XX	Maple Pro Hybrid Cue
26-1633-XX	8-Ball Cue
26-1984-XX	Fiberglass Cue

MAPLE PRO HYBRID CUE STICK

New

- High quality wood cue
- 1-piece cue
- Maple shaft with tech wood 4-prong butt
- 13mm tip
- Rubber bumper
- Assorted weights: 18-21 oz. 9 of each weight per carton
- Packed 36 per carton

MAPLE PRO HYBRID



DETAIL VIEW

Part Number	Description
26-3161-00	Maple Pro Hybrid Cue

8-BALL MAPLE CUE STICK

- Genuine 4-prong
- 57" 1 piece maple wood
- 8-Ball logo imbedded in handle
- Leather Tip
- Assorted weights
- Packed 36 per case

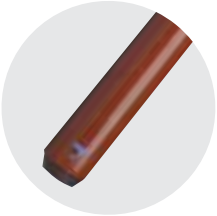


DETAIL VIEW

Part Number	Description
26-1633-00	8-Ball Maple Cue Stick

PREMIUM FIBERGLASS CUE STICK

- 57" 1 piece fiberglass
- Simulated 4-prong
- Natural brown wood look
- Rubber cushion on end
- High gloss finish
- Leather tip and white ferrule
- Packed 50 per case
- Assorted weights 17-21 oz.



DETAIL VIEW

Part Number	Description
26-1984-00	Premium Fiberglass Cue Stick

ECONOMY 8-BALL CUE STICK

New

- Genuine 4-prong
- 57" 1 piece wood stick
- 8-ball logo imbedded in handle
- Leather tip
- Assorted weights
- Packed 36 per case



DETAIL VIEW

Part Number	Description
26-1633-40	Economy 8-Ball Cue Stick

VALLEY “SUPREME” CUE STICK

- 57" length
- Leather tip
- 3/4" white fiber ferrule
- High quality hard Maple stick
- Genuine 4 prong
- Lacquer finish
- Non-marking rubber bumper to protect the base of the cue
- Naturally weighted
- Assorted weights: 15 thru 17 oz. or 18 thru 21 oz.
- Custom printing on cue stick available, please inquire



DETAIL VIEW

Part Number	Description
26-1014-00	Valley “Supreme” Cue Stick Heavy 18-21 oz.
26-1015-00	Valley “Supreme” Cue Stick Light 15-17 oz.

THE “TAURUS” CUE STICK

- Simulated 4 prong, brown handle
- 57" 1 piece seasoned wood with high gloss finish
- Excellent balance
- Slip-on tip
- Large 2-1/2" rubber bumper protects end of stick
- Contains the following weights:
  - 5 pcs 16 oz.
  - 7 pcs 17 oz.
  - 7 pcs 18 oz.
  - 10 pcs 19 oz.
  - 10 pcs 20 oz.
  - 11 pcs 21 oz.



26-1144-00



DETAIL VIEW

Part Number	Description
26-1007-00	The “Taurus” Cue Stick
26-1144-00	Replacement Rubber Bumper for Taurus Cue Stick

12 - CUE FLOOR RACK

- Attractive black wrinkle powder coat metal finish with heavy duty brushed metal supports
- Easy to assemble in minutes
- Rubber feet reduces slipping and scratching on tile floors
- Weighs 3-1/2 lbs.
- Made in USA



Part Number	Description
26-1105-00	12 Cue Floor Rack

HEAVY DUTY 12 CUE METAL RACK

- 18 gauge steel
- Baked on black powder coating
- Smooth rolled holes
- 24"(H) x 14"(W) x 11"(D)
- Weighs 14 lbs



Part Number	Description
26-1461-00	Heavy Duty 12-Cue Metal Rack

17-CUE METAL FLOOR RACK

- Heavy duty - made from 1/4" steel rod
- Size: base 11-3/4" x 11-3/4", 24" high
- Color: black



Part Number	Description
26-1977-00	17-Cue Metal Floor Rack

8-CUE WOOD FLOOR RACK

- Attractive finish looks at home in any location
- Edges are finished with gold trim
- Easily assembles in minutes
- Complete with hardware and instructions
- Heavy-duty wood construction
- All holes are pre-drilled
- Shipped unassembled
- Made in USA



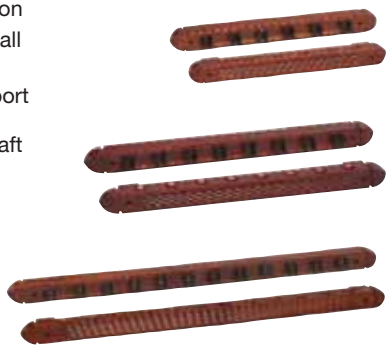
Part Number	Description
26-1747-00	8-Cue Wood Floor Rack- English Oak
26-1747-10	8-Cue Wood Floor Rack- Contemporary Black

CUE STICK WALL RACKS

- Solid, hardwood construction
- Includes screws for easy wall mounting
- Bottoms are drilled to support the cues, while clips firmly hold the cue shaft
- 3 sizes to choose from



26-1321-00



Part Number	Description
26-1054-00	6 Cue Wall Rack
26-1047-00	8 Cue Wall Rack
26-1115-00	12 Cue Wall Rack
26-1321-00	Replacement Cue Stick Clip, Black Plastic

CUE STICK CARRYING CASE



- Quality 2 piece cue case in black, leather grained vinyl
- Attractive inside with red, padded lining
- Equipped with a luggage style handle and 2 latches

Part Number	Description
26-1260-00	Cue Stick Carrying Case

BELGIAN ARAMITH BALLS



Belgian “Premier"
Pool Ball Set



Belgian “Crown Deluxe”
Pool Ball Set



Belgian “Crown Standard”
Pool Ball Set



Belgian “Bumper”
Pool Ball Set

aramith

BELGIAN ARAMITH BALLS

- World’s finest top quality billiard balls for true play
- Genuine Belgian cast Phenolic

Saluc S.A. Belgium is the world’s largest manufacturer of Pool, Snooker and Carom balls exported worldwide under the “**ARAMITH**” brand name.

The Molecular structures have been engineered to bring players all the characteristics to optimize their play while lengthening ball and cloth life. The mechanical and the exceptional heat resistance of the Aramith resin avoid rub marks more than any other ball, keeping the glossy polish to the ball for a much longer time. Precision grinding technology guarantees high consistent tolerance and sphericity throughout each Aramith balls set. This together with computerized color formulations and meticulously CNC engraved ball numbers result in beautifully crafted billiard balls.

The “**Belgian Aramith Billiard Balls**” is for almost half a century an ambassador and signature for true and unequaled quality.

Part Number	Description
26-1445-00	Belgian “Super Aramith Pro” Set with 2-1/4" Cue Ball
26-1106-00	Belgian “Premier” Set with 2-1/4" Cue Ball
26-1028-00B	Belgian “Crown Standard” Set with 2-1/4" Cue Ball
26-1028-001B	Belgian “Crown Standard” Set with 2-3/8" Cue Ball
26-1069-00	Belgian “Bumper” Set

BELGIAN ARAMITH REPLACEMENT BALLS



Part Number	Description
26-1027-01B	Belgian 2-1/4" #1 Ball
26-1027-02B	Belgian 2-1/4" #2 Ball
26-1027-03B	Belgian 2-1/4" #3 Ball
26-1027-04B	Belgian 2-1/4" #4 Ball
26-1027-05B	Belgian 2-1/4" #5 Ball
26-1027-06B	Belgian 2-1/4" #6 Ball
26-1027-07B	Belgian 2-1/4" #7 Ball
26-1027-08B	Belgian 2-1/4" #8 Ball
26-1027-09B	Belgian 2-1/4" #9 Ball
26-1027-10B	Belgian 2-1/4" #10 Ball
26-1027-11B	Belgian 2-1/4" #11 Ball
26-1027-12B	Belgian 2-1/4" #12 Ball
26-1027-13B	Belgian 2-1/4" #13 Ball
26-1027-14B	Belgian 2-1/4" #14 Ball
26-1027-15B	Belgian 2-1/4" #15 Ball
26-1274-00	Belgian 2-3/4" #8 Ball

REPLACEMENT CUE BALLS

- Top quality
- Various types available



Part Number	Description
26-1025-00	Universal “B” 2-1/4" Cue Ball
26-1473-00	Economy 2-1/4" Magnetic Cue Ball
26-1032-10	“New” Valley/Dynamo Magnetic Cue Ball Ref. No. 209-0005-5
26-1033-00	Belgian 2-1/4" Cue Ball
26-1034-00	Belgian 2-3/8" Cue Ball
26-1056-02	Belgian Orange Dot 2-1/4" Heavy Weight Cue Ball for Dynamo
26-1056-00	Belgian Green Dot 2-1/4" Cue Ball for Dynamo (Heavy Weight/Magnetic Combo)
26-1304-00	Economy 2-1/4" Cue Ball
26-1304-01	Economy 2-3/8" Cue Ball
26-2004-238	Standard 2-3/8" Cue Ball
26-2004-MAG	Standard 2-1/4" Magnetic Cue Ball

PROFESSIONAL POOL BALL SETS

- Extreme workmanship is used within these high quality Polyester Resin Billiard Ball Sets
- Close attention is paid to the color process to ensure consistent color
- The number is inlaid on both sides of the ball and the color is specially treated to prevent wear after the heaviest of table play
- Number in strip, 9-15 balls
- Balls have a high professional high glossy finish.
- Weight, Hardness and Roundness of balls all meet international billiards standards
- Various types of sets available



Part Number	Description
26-1017-00	Ball Set with 2-1/4" Cue Ball
26-1017-10	Ball Set with 2-3/8" Cue Ball
26-2116-00	Ball Set with 2-1/4" Magnetic Cue Ball
26-1017-88	Ball Set with Twin 8 Balls

Part Number	Description
26-1027-01E	Replacement 2-1/4" #1 Ball
26-1027-02E	Replacement 2-1/4" #2 Ball
26-1027-03E	Replacement 2-1/4" #3 Ball
26-1027-04E	Replacement 2-1/4" #4 Ball
26-1027-05E	Replacement 2-1/4" #5 Ball
26-1027-06E	Replacement 2-1/4" #6 Ball
26-1027-07E	Replacement 2-1/4" #7 Ball
26-1016-00	Replacement 2-1/4" #8 Ball
26-1027-09E	Replacement 2-1/4" #9 Ball
26-1027-10E	Replacement 2-1/4" #10 Ball
26-1027-11E	Replacement 2-1/4" #11 Ball
26-1027-12E	Replacement 2-1/4" #12 Ball
26-1027-13E	Replacement 2-1/4" #13 Ball
26-1027-14E	Replacement 2-1/4" #14 Ball
26-1027-15E	Replacement 2-1/4" #15 Ball

PROFESSIONAL 8 BALL

- Top quality
- 2-1/4" size
- Most commonly replaced billiard ball



Part Number	Description
26-1016-00	Professional 8 Ball

2-1/4" STANDARD POOL BALL SETS

- Ideal for coin-op or home use
- Competitive price point
- Number in stripe, 9-15 balls
- Balls have a high gloss finish
- Available sets come with either 2-1/4" cue ball, 2-1/4" magnetic cue ball, 2-3/8" cue ball or double #8 ball
- Sets are made from polycarbonate/polyester resin



Part Number	Description
26-2002-00	Standard Pool Ball Set with 2-1/4" Cue Ball
26-2002-01	Standard Pool Ball Set with 2-3/8" Cue Ball
26-2002-02	Standard Pool Ball Set with 2-1/4" Magnetic Cue Ball
26-2002-03	Standard Pool Ball Set with Two #8-Balls

BLACK LIGHT BILLIARD BALL SET

- Genuine Belgian cast Phenolic fluorescent balls
- World's finest top quality billiard balls for true play
- Regulation size 2-1/4" ARAMITH balls
- Add excitement and dollars with this great new look
- Get a whole new dimension in billiard play



Part Number	Description
26-1516-00	Black Light Billiard Ball Set

BELGIAN CAMOUFLAGE BILLIARD BALL SET

- Manufactured by Saluc S.A.
- Belgian ball sets are the world's finest billiard ball set for true play
- Made from Belgian cast phenolic resin
- Set features a beautiful up-to-date camo design



Part Number	Description
26-0550-00	Camouflage Ball Set

BELGIAN "STONE BALL" BILLIARD BALL SET

- Manufactured by Saluc S. A.
- World's finest billiard balls for true play
- Genuine Belgian cast phenolic
- These balls seem to come from the flintstone age
- Adds a very attractive dimension to your billiard table
- Includes a 2-1/4" cue ball



Part Number	Description
26-1803-00	Belgian "Stone Ball" Billiard Ball Set

3M™ SPRAY ADHESIVE

3M Spray Adhesive #74
- Quick tack in bonding most materials: cloth, wood, plastics and metal
- 23.25 fl. oz.
- 12 cans per case

3M Spray Adhesive #76
- Longer tack time – bonding in 10 minutes for a single sprayed surface, 1 hour for two coatedsurfaces
- Adjustable spray allows varied widths to be sprayed, eliminates spraying of too much adhesive
- 23.5 fluid oz.
- 12 cans per case

3M Spray Adhesive #77
- Will initially "grab" the material, but allows time to adjust before permanent bonding
- 23 fluid oz.
- 12 cans per case

3M Spray Adhesive #90
- Exceptional strong contact adhesive
- One minute dry time
- Adjustable spray tip allows varied widths to be sprayed
- Bonds to decorative laminates, wood, metal, plastics and many other materials



#74



#76



#77



#90

NOTE: #74, #76, #77 CANNOT BE SOLD IN THE STATE OF CALIFORNIA

Part Number	Description
29-1006-00	3M Spray Adhesive #74
29-1007-00	3M Spray Adhesive #76
29-1008-00	3M Spray Adhesive #77
29-1069-00	3M Spray Adhesive #90

SCOT'S CITRUS CLEAN REMOVER

- Dissolves tape, tar, gum, permanent marker, glue, grease and more
- Removes chewing gum, price stickers, lipstick, tape residue, crayon, oil, and more
- Water-based non-oily formula contains no petroleum distillates
- Great for use on video games, vending machines and slot machines
- Clean smelling citrus scent
- 8 fl. oz. bottle
- Packed 6 per case



Part Number	Description
29-0237-00	Scot's Citrus Clean

SUZO-HAPP SPRAY ADHESIVE

- Pressure sensitive adhesive
- Strong, instant tack
- 14 oz. can
- 12 cans per case

NOTE: CANNOT BE SOLD IN THE STATE OF CALIFORNIA



Part Number	Description
29-1017-00	Suzo-Happ Spray Adhesive

SUZO-HAPP FELT CLEANER

New

- Specially formulated aerosol spray for Billiard Cloth
- Easily lifts stains out of felt
- Great for billiards and gaming tables
- 20 Fl. Oz.



Part Number	Description
29-0349-00	Suzo-Happ Felt Cleaner

WILDCAT FELT CLEANER

- Pool cloth cleaner; also great for Black-Jack, Craps & other games with felt cloth coverings
- Heavy duty cleaner designed for dirty surfaces
- No rinsing needed
- Also cleans metal, plastic, wood & painted surfaces
- 20 oz. aerosol can
- 12 per case



Part Number	Description
29-1001-00	APC-30 Felt Cleaner

BARGE CEMENT

- Great for recovering of pool tables
- Bonds clean,dry surfaces together
- Bonds many times stronger than the strength of item glued



Part Number	Description
29-1024-00	Barge Cement, 2 oz. Tube

BALLSTAR POOL BALL CLEANER & POLISHER



- The greatest ball cleaning machine to come on the U.S. market in years!
- Automatically cleans and polishes an entire set of balls in less than 2 minutes!
- Portable machine is very easy to use and maintain
- Eight blade impellers keep balls separate during the cleaning/polishing process
- Features: Three cleaning settings, simple rotary dial on/off/time switch and 150W motor
- Includes enough cleaner/polishing solution for 500 cycles
- Plastic construction

Part Number	Description
26-1561-00	Ballstar Pool Ball Cleaner & Polisher
26-1562-00	Ballstar Cleaner & Polish Formula (2 Liter bottle)
26-1562-01	Ballstar Replacement Cleaning Pads (Box of 3 Pads)
26-1562-03	Replacement Nozzle Pad Cartridge
26-2028-00	Replacement Liquid Injector
17-9058	Replacement Plastic Lid #5

PLASTIC POOL BALL TRAY



- Holds 15 pool balls plus cue ball
- Made of high impact, black plastic
- Stands up to the toughest of locations

Part Number	Description
26-1071-00	Plastic Pool Ball Tray

RAIL BRUSH



- Helps clean under and around rails
- 8-1/2" long

Part Number	Description
26-1335-00	Rail Brush

PLASTIC POOL BALL RACKS



- Heavy duty, high impact black plastic
- Curved bottom slides over pool cloth easily, preventing rips and snags in the cloth

Part Number	Description
26-1011-00	15 Ball Plastic Triangle Rack
26-1004-00	9 Ball Plastic Rack

WOOD POOL BALL RACKS



- Attractive wood racks
- Great for home or bar locations

Part Number	Description
26-1076-00	15 Ball Wood Triangle Rack
26-1400-00	15 Ball Wood Triangle Rack with Gliders
26-1004-99	9 Ball Wood Rack

POOL TABLE BRUSH



- Top quality pool table brush with nylon bristles
- Natural finish with flared bristles on ends for easy cleaning under rails
- Various sizes available
- 12 per box

Part Number	Description
26-1018-00	9" Pool Table Brush
26-1344-00	10-1/2" Pool Table Brush

COMBINATION POOL TABLE AND RAIL BRUSH



- 8-1/2" long
- Unique combination pool table and rail brush
- Quality nylon bristles
- Wood handle
- Cherry stain

Part Number	Description
26-1680-00	Combination Brush

BRIDGE HEADS



- Helps beginners to pros shoot the hard to reach shots
- Quality bridge heads are built to last
- Choice of bronze, aluminum, or plastic

Part Number	Description
26-1009-00	Aluminum Bridge Head
26-1026-00	Bronze Bridge Head
26-1320-00	Plastic Bridge Head
26-1496-00	Brass Bridge Head

TEFCO MASTER TABLE SPOTS

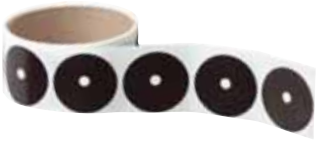
- Self adhering and double gummed
- Sold as full tin only
- 12 spots per tin
- Black with white center dot
- 1-5/16" diameter



Part Number	Description
26-1131-00	Tefco Pool Table Spots

DELUXE POOL TABLE SPOTS

- Pressure sensitive
- 100 per roll
- Black with white center dot
- 1-1/2" diameter



Part Number	Description
26-1090-00	Deluxe Pool Table Spots (Roll of 100)

CUSHION RUBBER

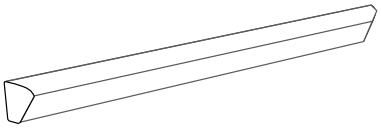
- For use on pool table rails
- Used by leading manufacturers
- Formulated with the highest grade natural rubber and compounds
- 6 rails per set



Part Number	Description
26-1084-00	Cushion Rubber, 42" for Valley 8 ft. Table
26-1088-00	Cushion Rubber, 36" for 7 ft. Table, "K66" Style
26-1087-00	Cushion Rubber, 42" for 8 ft. Table, "K66" Style
26-1086-00	Cushion Rubber, 47" for 9 ft. Table, "K66" Style
26-1085-00	Cushion Rubber, 42" for All Tables, "U23" Style

CUSHION RAIL SET

- For use on Valley tables
- Finished rails; includes rubber, wood and green cloth
- 6 rails per set



Part Number	Description
26-1068-10	88" Table Cushion Rail Set

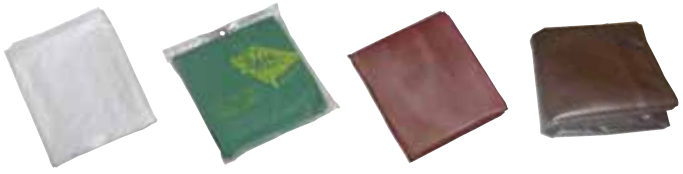
BUMPER TUBE SLIP ON RAIL CLOTH

- Fits 7 ft., 7-1/2 ft., 8 ft. table rails
- Eliminates gluing & cutting of rail cloth
- Easily installed in minutes
- 6 pieces per set



Part Number	Description
26-1114-00	Slip on Rail Cloth – Standard Green

POOL TABLE COVERS



- Pool cover adds years to the life of the cloth
- Various sizes and colors available

Part Number	Description
26-1061-00	Pool Table Cover, 7 ft. & 8 ft., Clear Vinyl
26-1143-00	Pool Table Cover, 7 ft., 8 ft. and 9 ft. Tables, Green Vinyl
26-1552-00	Pool Table, 8 ft., Brown Vinyl
26-1848-00	Pool Table Cover, 7 ft., 8 ft. and 9 ft. Tables, Heavy Duty PVC Vinyl - Black
26-1849-00	Pool Table Cover, 7 ft., 8 ft. and 9 ft. Tables, Heavy Duty PVC Vinyl - Brown

48" 3-LAMP GREEN SHADE BILLIARD LIGHT



- Includes three 14" shades (Green Plastic)
- Traditional shades add class to any location
- Mounting hardware includes 6 ft. chain and wire (plug not included)
- Shades are held on by one large nut on the inside of the shade
- Some assembly required
- Bulbs sold separately

Part Number	Description
24903PB	48" 3-Lamp Green Shade Billiard Light
26-0453-00	Replacement Green Plastic Shade

COIN CHUTE BRACKET

- For Valley Pool Tables
- Valley Ref. No. 206-0004-0 – Short 5"
- Valley Ref. No. 206-0004-3 – Long 6-1/2"



Part Number	Description
26-1092-00	Coin Chute Bracket – Short
26-1093-00	Coin Chute Bracket – Long

HINGEBAR (BALLGATE) SPRING



- For Valley Pool Tables
- Valley Ref. No. 217-0012-0

Part Number	Description
217-0012-0	Hingebar (BallGate) Spring

BLACK LIGHT POOL TABLE KIT



- Add excitement and dollars with this great new look
- Includes:
  - 4 yds. 21 oz. black cloth
  - 1 yd. fluorescent blue cloth
  - 1 set Belgian Premier fluorescent balls
  - 1 set fluorescent pocket liners
  - 1 fluorescent triangle
  - charcoal chalk

Part Number	Description
26-1508-00	Black Light Pool Table Kit
26-1516-00	Black Light Ball Set

STANDARD POOL TABLE ACCESSORY KIT

- Kit includes the following:
- Professional 2-1/4" ball set with number in the stripe
- (4) 2-piece maple cues sticks
- 2-piece bridge stick
- Bridge head
- Plastic 15-ball triangle rack
- Plastic 9-ball rack
- 9" table brush
- (1) 12-pack pool chalk



Part Number	Description
26-0113-00	Standard Pool Table Accessory Kit

CUE TIP REPAIR KIT

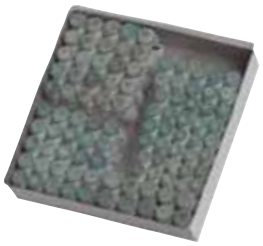
- Contains: Leather cue tip, cement, spots, mending tissue, cue tip trimmer, cue tip clamp and chalk
- Manufactured by Tweeten



Part Number	Description
26-1268-00	Cue Tip Repair Kit

ASSORTED SLIP-ON CUE TIPS & SLEEVES

- No adhesives or clamps needed
- High-grade leather tip with sleeve fits right over the old ferrule
- Box of 100 assorted contains:
  (10) 11 mm (10) 11.5 mm
  (25) 13.5 mm (10) 12 mm
  (10) 14 mm (10) 12.5 mm
  (25) 13 mm



Part Number	Description
26-1583-00	Assorted Slip-On Cue Tips & Sleeves

CUE TOP SANDER

- Gives a perfectly flat base for gluing leather tips
- Quickly sands down old glue and wood cue



Part Number	Description
26-1103-00	Cue Top Sander
26-1102-00	Garnet Disk for Cut Top Sander

CUE TIP CEMENT

- Great for attaching leather cue tips to cue stick
- Will not harm leather tip
- Small size makes it easy to carry around for those "on the spot" repairs



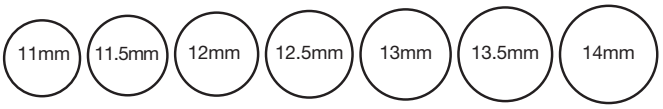
Part Number	Description
26-1107-00	Cue Tip Cement, by Tweeten

CUE TIP REPAIR CLAMP

- Used to repair tips on cue sticks
- Heavy duty



Part Number	Description
26-1077-00	Aluminum Cue Tip Repair Clamp



CUE TIP SIZE CHART

Illustrations are actual size. Simply place tip to be replaced over illustration to determine the correct size to order.

SLIP-ON CUE TIP & SLEEVE

- No adhesives or clamps needed
- High grade leather tip w/ sleeve fits right over the old ferrule
- 100 per box



Part Number	Description
26-1053-00	11 mm
26-1050-00	11.5 mm
26-1030-00	12 mm
26-1031-00	12.5 mm
26-1029-00	13 mm
26-1039-00	13.5 mm
26-1117-00	14 mm

FERRULES

- White hard rod fiber
- Available in Glue on or Screw on types
- Minimum order 10





Part Number	Size	Type	Color
26-1240-00	12mm	Glue on	White
26-1241-00	13mm	Glue on	White

LEATHER CUE TIPS

- Top quality leather tips
- Packed 50 per box

Elk Master

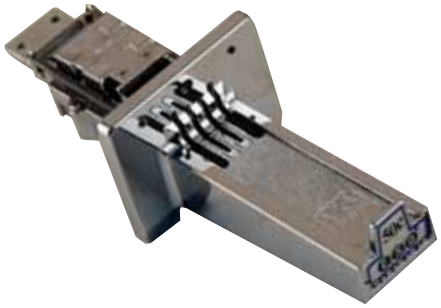


Le Pro



Part Number	Description
26-1073-11	Elk Master 11mm
26-1073-12	Elk Master 12mm
26-1073-13	Elk Master 13mm
26-1073-14	Elk Master 14mm
26-1072-12	Le Pro 12mm
26-1072-13	Le Pro 13mm
26-1072-14	Le Pro 14mm

E.S.D. VERTICAL 4™ COIN CHUTE



- Vertical 4 Coin acceptance
- All steel security gate with solid metal bridge
- Instant price changes 0 - $1.00 up and down pricing in seconds without disassembly
- Exclusive dual return springs allow for smoother operating
- Fits all existing extensions and machines
- Great for most pool tables and other games
- Universal mounting centers
- Durable metal casting with high polish Chrome finish
- Various factory pre-set versions to fit your needs

Part Number	Type	Coin(s) Accepted	Pre-Set at	Vend Price
26-1012-00	Vertical 4	$0.25 US	2 Coins	$0.50
26-1013-00	Vertical 4	$0.25 US	3 Coins	$0.75
42-3163-00	Vertical 4	$0.25 US	4 Coins	$1.00
26-1122-00	Vertical 4	.900 Token	2 Tokens	2 Tokens

E.S.D. VERTICAL 8™ COIN CHUTE



- Vertical 8 Coin acceptance
- All steel security gate and solid metal bridge
- Instant price changes, 0 - $2.00 up and down pricing
- One step price changes up or down in seconds w/o disassembly
- Rugged heavy duty design
- Fits all existing extensions and machines
- Durable metal casting with high polish Chrome finish
- Various factory pre-set versions to fit your needs

Part Number	Type	Coin(s) Accepted	Pre-Set at	Vend Price
42-3187-10	Vertical 8	$0.25 US	4 Coins	$1.00
42-3187-00	Vertical 8	$0.25 US	6 Coins	$1.50
26-1145-00	Vertical 8	$0.25 US	8 Coins	$2.00

E.S.D. VERTICAL 5™ COIN CHUTE



- Vertical 5 Coin acceptance
- Easily adapts to token operation
- Rugged heavy duty design
- Better vandalism protection, Second gate in bridge to eliminate taping
- Fits all Canadian and US Machines $1.00 to $4.25
- Fits all existing extensions and machines
- One step price changes up or down in seconds without disassembly
- Exclusive dual return springs allow for smoother operating
- Durable metal casting with high polish Chrome finish
- Various factory pre-set versions to fit your needs

Part Number	Type	Coin(s) Accepted	Pre-Set at	Vend Price
26-1148-50	Vertical 5	$0.25 US	2 Coins	$0.50
26-1148-75	Vertical 5	$0.25 US	3 Coins	$0.75
42-3167-00	Vertical 5	$0.25 US	4 Coins	$1.00
26-1589-00	Vertical 5	$0.25 & $1.00	5 Coins	$2.00
42-3166-00	Vertical 5	.900" Token	2 Tokens	2 Tokens
26-1267-00	Vertical 5	.984" Token	1 Token	1 Token
26-1267-004	Vertical 5	.984" Token	4 Tokens	4 Tokens
26-1148-00	Vertical 5	1" Token	3 Tokens	3 Tokens

E.S.D. SPARE PARTS

Part Number	ESD Part No.	Description
26-1539-00	20065	Ratchet Assembly
20781	20781	.030 Shim for .900 token
20782	20782	Spring Bracket #4
20964	20964	Slide Return Spring vertical 4
26-21887	21187	Bridge for Coin Chute
21193	21193	.25 Cent Insert
21195	21195	Token Insert for .882 token
21216	21216	Blank Insert
21752	21752	Handle Only
21771	21771	Return Spring
21811	21811	End Insert for .984 Token
21831	21831-100	Bridge New Vertical 4 (1.00)
26-1590-00	5032	Ratchet Screw V4, 5 & 8
42-3168-00	4D100	Decal $1.00
26-1058-00	4D50	Label Insert $ .50
26-1057-00	4D75	Label Insert $ .75
42-3159-00	5D125	Decal $1.25
42-3158-00	5D150	Decal $1.50

GREENWALD G-4 COIN CHUTE



- 1/2" Front mounting plate to protect chute from direct attack, thickest front plate in the industry
- Stainless steel gate provides superior rust protection
- Hardened steel, V-Notch coin sizing block to allow for greater rejection of slugs, tile and foreign coins than ordinary design
- Stainless steel sizing dogs provide superior protection from direct slide forcing
- Hardened steel slide buffer plate works with steel dogs to give ultimate protection from the side attack
- Hardened steel ratchet dog to give ultimate protection from direct, physical attack
- Quick, easy change of prices, simply remove, don't change parts to increase vend price
- 24 ways to go from 0 to $5.00 using nickels, dimes, quarters and $1.00 Canadian
- Available in various token configurations

Part Number	Type	Coin(s) Accepted	Pre-Set at	Vend Price
26-1504-50	G-4	$0.25 US	2 Coins	$.50
26-1504-75	G-4	$0.25 US	3 Coins	$.75

GREENWALD VERTICAL 5 COIN CHUTE



- 1/2" Front mounting plate to protect chute from direct attack, thickest front plate in the industry
- Stainless steel gate provides superior rust protection
- Hardened steel, V-Notch coin sizing block to allow for greater rejection of slugs, tile and foreign coins than ordinary design
- Stainless steel sizing dogs provide superior protection from direct slide forcing
- Hardened steel slide buffer plate works with steel dogs to give ultimate protection from the side attack
- Hardened steel ratchet dog to give ultimate protection from direct, physical attack
- Quick, easy change of prices, simply remove, don't change parts to increase vend price
- 24 ways to go from 0 to $5.00 using nickels, dimes, quarters and $1.00 Canadian

Part Number	Type	Coin(s) Accepted	Pre-Set at	Vend Price
26-1505-100	Vertical 5	$0.25 US	4 Coins	$1.00

GREENWALD SPARE PARTS

Part Number	Description
27-1243-00	Blockout Key for V-5
27-1244-00	Spring for Slide Return for V-4, V-5

HASP FOR VALLEY POOL TABLE

- Heavy duty
- Designed for Valley tables
- Can be adapted to other tables
- Color: Black
- Includes hardware and instructions
- Made in the USA



Part Number	Description
30-0028-00	Hasp for Valley Pool Tables

HASP FOR DYNAMO POOL TABLES



- Heavy duty: 3/16" x 1-1/2" wide
- Color: black
- For use on Dynamo pool tables
- Includes hardware and instructions

Part Number	Description
26-1158-00	Hasp for Dynamo Pool Tables

SUZO-HAPP 7-DIGIT METER

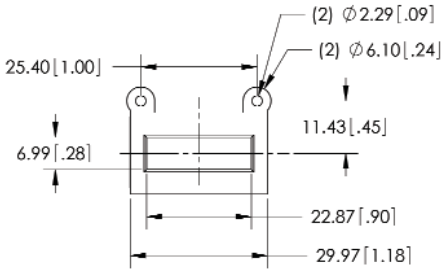
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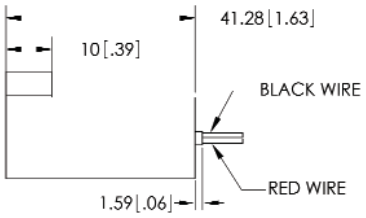


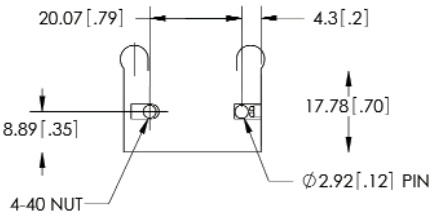
- 7 digit non-resettable
- Display digits size .153" (3.9mm)
- Low cost, small size
- Rugged ABS clear case with Magnifying lens
- Count Speed: 25 CPS (counts per second) 50/50 ratio on/off
- Internal diode
- 13.78" (350mm) Flying leads
- Available in 5vdc, 12vdc and 24vdc
- Operating Voltage +/- 10%
- Lower power consumption: 1.2 watt
- Operating temperature 23-104˚F
- Mounted using a front screw mount
- 4-40 nut on back of meter for alternative bracket mounting

SUZO HAPP

MOUNTING DIMENSIONS



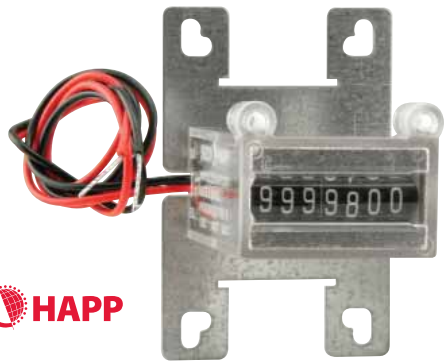




Part Number	Description
42-08005-07	5vdc 7-Digit Meter with Magnification Lens with NO Bracket
42-08012-07	7-Digit Meter 12vdc with Magnification Lens with NO Bracket
42-08024-07	7-Digit Meter 24vdc with Magnification Lens with NO Bracket

SUZO-HAPP 7-DIGIT METER WITH BRACKET

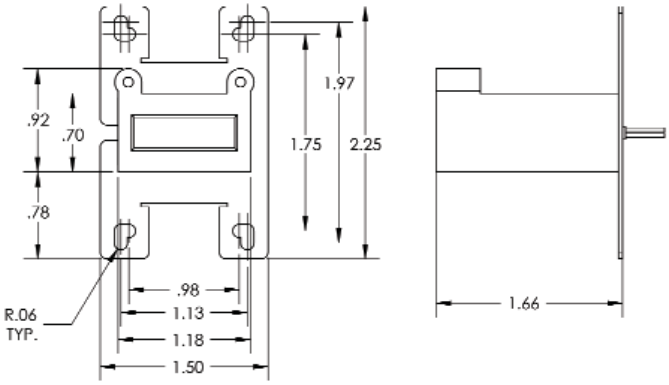
New



SUZO HAPP

- 7 digit non-resettable
- Display digits size .153" (3.9mm)
- Low cost, small size
- Rugged ABS clear case with Magnifying lens
- Count Speed: 25 CPS (counts per second) 50/50 ratio on/off
- Internal diode
- 13.78" (350mm) Flying leads
- Available in 5vdc, 12vdc and 24vdc
- Operating Voltage +/- 10%
- Lower power consumption: 1.2 watt
- Operating temperature 23-104˚F
- Mounting bracket is compatible to Kessler Ellis KE610FB

MOUNTING DIMENSIONS



Part Number	Description
42-08005-071	5vdc 7-Digit Meter with Magnification Lens with Bracket
42-08012-071	7-Digit Meter 12vdc with Magnification Lens with Bracket
42-08024-071	7-Digit Meter 24vdc with Magnification Lens with Bracket

SUZO-HAPP 7-DIGIT METER WITH BRACKET

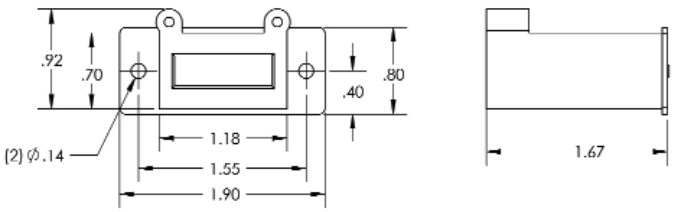
New



SUZO HAPP

- 7 digit non-resettable
- Display digits size .153" (3.9mm)
- Low cost, small size
- Rugged ABS clear case with Magnifying lens
- Count Speed: 25 CPS (counts per second) 50/50 ratio on/off
- Internal diode
- 13.78" (350mm) Flying leads
- Available in 5vdc, 12vdc and 24vdc
- Operating Voltage +/- 10%
- Lower power consumption: 1.2 watt
- Operating temperature 23-104˚F
- Mounting bracket is compatible to Suzo-Happ bracket

MOUNTING DIMENSIONS



Part Number	Description
42-08005-072	5vdc 7-Digit Meter with Magnification Lens with Bracket
42-08012-072	7-Digit Meter 12vdc with Magnification Lens with Bracket
42-08024-072	7-Digit Meter 24vdc with Magnification Lens with Bracket

SUZO-HAPP 7-DIGIT METER WITH BRACKET

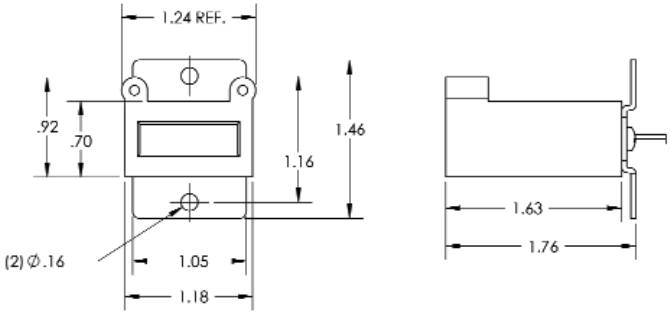
New



SUZO HAPP

- 7 digit non-resettable
- Display digits size .153" (3.9mm)
- Low cost, small size
- Rugged ABS clear case with Magnifying lens
- Count Speed: 25 CPS (counts per second) 50/50 ratio on/off
- Internal diode
- 13.78" (350mm) Flying leads
- Available in 5vdc, 12vdc and 24vdc
- Operating Voltage +/- 10%
- Lower power consumption: 1.2 watt
- Operating temperature 23-104˚F
- Mounting bracket is compatible to Kessler Ellis E760FB

MOUNTING DIMENSIONS



Part Number	Description
42-08005-073	5vdc 7-Digit Meter with Magnification Lens with Bracket
42-08012-073	7-Digit Meter 12vdc with Magnification Lens with Bracket
42-08024-073	7-Digit Meter 24vdc with Magnification Lens with Bracket

GUARDIAN DOOR HASP FOR VALLEY GREAT EIGHT POOL TABLE

- Prevent theft and damage to your pool table
- Designed to work specifically on the Valley Great Eight Pool Table
- Hasp features thick 7-Gauge Steel construction with a black wrinkle powder coat finish
- Includes welded padlock cover for added protection
- Unique design requires no drilling, mounts directly to the cabinet
- All Hardware Included

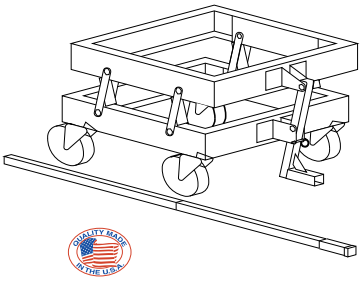


GUARDIAN

Part Number	Description
30-0053-S106	Guardian Door Hasp For Valley Great Eight Pool Table

EASY-LIFT POOL TABLE MOVER

- Allows 1 person to easily move a pool table
- Reduces risk of back injury
- Lifts table 3"
- Extremely heavy duty 5" casters
- 56 lbs. weight allows shipping by UPS
- 17" extended height



NORTECH

Part Number	Description
33-1058-00	Easy-Lift Pool Table Mover
33-1119-00	Caster Only
33-1241-00	Handle Only

U-LIFT POOL TABLE MOVER

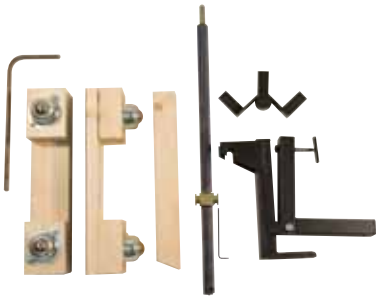
- Allows 1 person to move a pool table
- Reduces risk of back injury
- Heavy duty casters
- Load Rate 950 lbs
- Size: 20" x 32"
- 17-1/4" extended height
- UPS shippable



Part Number	Description
33-1005-00	U-Lift Pool Table Mover with Handle
33-1202-00	Handle Only
33-1005-WHEEL	Caster Only

SLATE LIFTER KIT

- Safely lifts and rotates the slate to come to you while recovering
- Allows 1 person to recover a pool table
- Simple, but clever, design makes this kit very easy to use
- Includes instructional video tape if further instruction is necessary

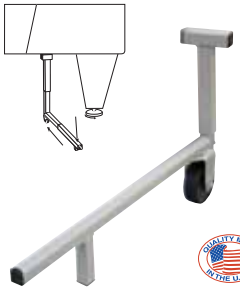


NORTECH

Part Number	Description
33-1059-00	Slate Lifter Kit
33-1217-00	Block & Roller Assembly

EASY LEVELER

- Easily lifts a pool table or air hockey game off the floor to adjust the leg levelers
- Simply place at the end of the table and press down. Lifts 2 legs off the floor.
- Save your back and raise the table the easy way



Part Number	Description
26-1100-00	Easy Leveler

POOL TABLE MINI MOVER

- Easily moves pool table from location to location
- Fits virtually all pool tables and air hockey tables, even those with trustle legs
- Adjusts easily for different widths and lengths
- Specially angled to balance load over wheels
- Two will fit side by side in a pickup truck
- Both the mover and pool table can fit on an extended pickup liftgate
- Strong clamps hold table securely in place
- Rated at 1000 lb. test
- Built tough in the USA
- Size: 35" x 22" x 12"; weighs 42 lbs.



NORTECH

Part Number	Description
33-1208-00	Pool Table Mini-Mover
33-4466-00	4" Caster (Set of Four)
33-4561-00	5" Caster (Set of Four)

BEVERAGE RACKS

- Easily mounts to the side of any game or wall
- Prevents drinks from spilling on equipment, video game or pool table
- Chrome polished steel tubing
- 2 mounting brackets welded to frame enables you to securely fasten to game or wall
- Fully reinforced for extended wear





Part Number	Description
27-1062-01	2 Drink Beverage Rack
27-1062-11	3 Drink Beverage Rack

MULTI-SIZE CUP & CAN HOLDER

- Durable high impact polystyrene
- The only cup holder that can handle multiple beverage sizes from cans to “jumbo” cup sizes
- Convenient “mug handle”groove accepts beer mugs
- 3 pre-drilled mounting holes
- Drain hole stops excess liquid from collecting in the bottom
- Color: Black



Part Number	Description
27-1422-00	Mulit-Size Cup & Can Holder

POOL TABLE LEG LEVELER

- Heavy duty die cast assembly
- 4-7/8" base
- 1-3/4" Long shank
- 1/2-13 thread size
- Sold each



Part Number	Description
49-0997-00	Pool Table Leg Leveler

T-NUT

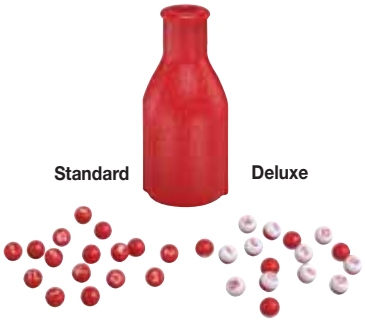
- For Rail Screws on Valley Pool Tables
- 1/4 – 20 thread
- Valley Ref. No. 203-0009-0
- Minimum order 10 pieces



Part Number	Description
43-0486-00	T-Nut for Valley Pool Tables

PEA SHAKER & PEAS

- Pea shaker is made of tough, durable plastic for the roughest use
- Red & white deluxe peas are the finest quality composition, with red enameled inlaid numbers
- The red standard peas are a top grade plastic with white inlaid numbers



Part Number	Description
26-1060-00	Standard Peas, Set of 16
26-1059-00	Deluxe Peas, Set of 16
26-1062-00	Pea Shaker

QUARTER COIN HOLDER

- Eliminates the question of “who’s next” in the game
- Holds up to 8 coins
- Extra strong plastic includes a double-sided, pressure sensitive tape for easy mounting anywhere



Part Number	Description
26-1065-00	Quarter Coin Holder

POOL TABLE LEG LEVELER

- Heavy-Duty die cast assembly
- Rubber molding around base to prevent floor marring
- 6" diameter base
- 2" long shank
- 1/2"-20 thread size
- 4 per set
- Includes threaded base plate



Part Number	Description
49-0997-01	Set of 4 Pool Table Leg Leveler
49-0997-02	Individual Pool Table Leg Leveler

SILVER CUP CUE CHALK

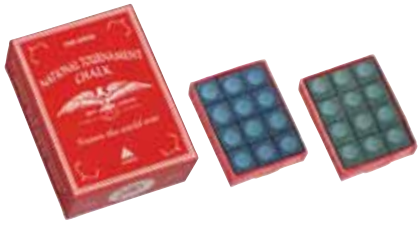
- Strong, hard chalk grips cue tip for more accurate shooting
- Quickly becoming the worlds favorite chalk
- Available in boxes of 12 or 144



Part Number	Box Quantity	Color
26-1051-12B	12	Blue
26-1051-12G	12	Green
26-1051-12BK	12	Black
26-1051-12BUR	12	Burgundy
26-1051-12PW	12	Pewter
26-1051-12PR	12	Purple
26-1051-12R	12	Red
26-1051-12TN	12	Tan
26-1051-144B	144	Blue
26-1051-144G	144	Green
26-1051-144BUR	144	Burgundy
26-1051-144R	144	Red
26-1051-144TN	144	Tan
26-1051-144BK	144	Black

NATIONAL CUE CHALK

- Top quality pool cue chalk
- Durable chalk stays on cues longer
- Available in boxes of 12 or 144



Part Number	Box Quantity	Color
26-1010-12B	12	Blue
26-1010-12G	12	Green
26-1010-144B	144	Blue
26-1010-144G	144	Green

MASTER CUE CHALK

- Coats cue tips smoothly and evenly
- Traditionally one of the most popular chalks
- Available in boxes of 12 or 144



Part Number	Box Quantity	Color
26-1023-12B	12	Blue
26-1023-12G	12	Green
26-1023-12R	12	Red
26-1023-144B	144	Blue
26-1023-144G	144	Green
26-1023-144R	144	Red

SILVER CUP CONE CHALK

- Made in USA
- Hard texture cuts down on the breakage and adds life at the site location
- Standard size to fit all mount holders
- Packed 6 per case
- Minimum order 6 pieces



Part Number	Description
26-1000-00	Silver Cup Cone Chalk

METAL CONE CHALK HOLDER

- Heavy duty metal withstands the toughest of locations
- Black durable paint
- Wall mount
- Made in the USA



Part Number	Description
26-1048-00	Heavy Duty Cone Chalk Holder

WOOD CONE CHALK HOLDER

- Durable hardwood construction
- Walnut finish
- Wall mount



Part Number	Description
26-1401-00	Wood Cone Chalk Holder

SILVER CUP PREMIUM TALC POWDER

- 13 oz. Plastic shaker style container
- Economical
- Screw-on top



Part Number	Description
26-1139-00	Silver Cup Premium Talc Powder

CUE CHALK HOLDER

- Rubber holder protects chalk from being damaged
- Permanently attached string reduces losing or stealing of chalk



Part Number	Description
26-1063-00	Cue Chalk Holder

FEATHERSTRIP SET



- 1/4" x 1/4" wood strips
- 9 feet long
- 12 pieces per set

Part Number	Description
26-1396-00	Featherstrip Set

WEB POCKETS

- 6-7/8" shallow depth pocket
- Molded durable black plastic
- Set of 6



Part Number	Description
26-1381-10	Web Pockets Black Plastic

BLACK RUBBER BUMPER

- Protects the bottom of the cue stick
- Simply screw on bottom of cue stick
- Includes screw



Part Number	Description
26-1089-00	Black Rubber Bumper with Screw

POCKET LINER PUSH LOCK SCREWS

- New innovative black plastic screw used within pocket liners
- Will not damage balls when they are slammed into the pocket
- To install simply tap into place
- To remove simply cut plastic head off and replace in same hole
- Will work on Dynamo, Valley, and Greater American Billiards tables
- 3/4" length



Part Number	Description
26-1258-00	Pocket Liner Push-Lock Screws

GULLY BOOTS

- Black durable rubber
- 6 pieces per set



Part Number	Description
26-1008-00	Set of Gully Boots for Valley Pool Table
26-1080-00	Set of Gully Boots by Dynamo

CUSHION FACING

- 12 pieces per set (8 large & 4 small)
- Protects balls from becoming damaged by cushion block
- Durable lamination of rubber and cloth
- Can be trimmed to size
- Barge cement is the ideal adhesive to aid in the installation – see page 298



Part Number	Description
26-1049-00	Cushion Facing Set

POCKET LINERS

- Durable plastic or rubber
- Actual O.E.M. liners
- 6 per set, 4 corners & 2 sides
- For use on Dynamo, Great American and Valley tables
- 6 pieces per set



Part Number	Description
26-1127-00	3" Plastic Pocket Liners
26-1021-00	4" Plastic Pocket Liners
26-1082-00	3" Rubber Pocket Liners

FLEX-TEC ELECTRONIC UPGRADE KIT FOR POOL TABLES





DETAIL VIEW

- Convert you old push chute pool tables to an electronic coin door with a bill validator
- Revolutionary kit provides a great promotional tool and benefit for the operator and location
- Kit can be programmed on a 7-day/24-hour a week schedule, which allows you to offer special features such as time/rack play with bonus level pricing, speed pool, free play mode for special promotions such as league play or happy hour with bonus level pricing
- Compatible with all major brands of coin operated pool tables
- Two kit styles available: one with a small coin door that allows you to keep your current push chute and one with a large coin door that allows you to remove the existing push chute
- Simple installation
- Each kit includes the following: steel coin door with 3-way locking (large door or small door), PC board, LCD display, motor/crank arm assembly, all buttons, meter, free play key switch, all harness assemblies, 18-Amp battery, ICT S-6 Upstacker validator and Imonex .25 roll down mech
- Battery charger and additional batteries sold separately
- 1-year warranty

Part Number	Description
26-1728-00	Flex-Tec Electronic Upgrade Kit f/Pool Tables, Small Coin Door
26-1728-01	Flex-Tec Electronic Upgrade Kit f/Pool Tables, Large Coin Door
26-2121-00	Replacement 12V Battery for Pool Table
26-2117-00	Battery Charger for Pool Table Battery
26-2121-10	Battery Charger Cable with Clips

12V BATTERY CHARGER

New

- 12V 1A battery charger for pool table batteries
- Charges one battery at a time
- LED indicator light for “Charged” and “Charging”
- Charging harness sold separately
- For use with Valley Great 8 pool table



Part Number	Description
26-2117-00	12V Battery Charger
26-2121-10	Battery Charger Harness with Clips

12V 12AH BATTERY FOR POOL TABLES

New

- Replace your old batteries before they affect your earnings
- Your battery has to be in good condition to have good collections
- Used on Valley Great 8 pool tables
- The recommended charge is 16 to 24 hours
- In a typical application, a battery will last two to three weeks between charges
- 12 amp hour battery
- Size: 5.94" L x 3.90" W x 4.02" H



Part Number	Description
26-2121-00	12V 12Ah Battery for Pool Tables

12V 18AH BATTERY FOR POOL TABLES

New

- Replace your old batteries before they affect your earnings
- Your battery has to be in good condition to have good collections
- Used on Valley Great 8 pool tables
- The recommended charge is 16 to 24 hours
- 18 amp hour battery
- Size: 7.13" L x 2.99" W x 6.57" H



Part Number	Description
26-1218-00	12V 18Ah Battery for Pool Tables

BUTTON GUARDS FOR ILLUMINATED PUSHBUTTONS

New



95-2815-00 ASSEMBLY



- Unique adapter easily installs over both small circle standard illuminated pushbutton and small circle low-profile illuminated pushbutton
- When installed it prevents anyone from leaning against button and accidently depressing button
- Ideal for Valley/Dynamo Great Eight for use on both the buttons on the coin door and end of table to prevent players depressing buttons while playing their pool game
- Made from durable black ABS plastic
- Size: 1.7" Wide x .75" High

Part Number	Description
95-2815-00	Raised Profile Adapter for Small Circle Illuminated Pushbutton

REPLACEMENT PARTS FOR DYNAMO POOL TABLES





Part Number	Dynamo No.	Description
26-1032-10	209-0005-5	New Valley/Dynamo Magnetic Cue Ball
26-1056-00	980200200	New Green Dot Cue Ball
26-1242-00	860000400	Plastic Coin Door Frame
26-1243-00	860001900	Plastic Coin Door - Black
26-1248-00	860001300	Plastic Leg - Black
26-1249-00	890001400	Leg Leveler
26-1258-00	890200400	Push Lock Screw for Corner Pocket
26-1526-00	7202G1047	Trim Side Molding, Brass
26-1629-00	-	106 Key for all Dynamo Coin Tables "NEW"
26-1960-00	P960202537	Dynamo Uncovered Rail Set for 7' Table Model 37/38
217-0568-0	21705680	Push Chute Counter
710200410	710200410	1 set 3" Fluor. Pocket Liners, 6pc per set
720201037	720201037	Side Rail Moulding for 7ft Dynamo Table "Brushed" Model 37/38
720201737	720201737	End Rail Moulding for 7ft Dynamo Table "Brushed" Model 37/38
800200200	800200200	Ball Trap Assembly
800200400	800200400	Corner Casting Chrome
800200500	800200500	Extension for Coin Chute
800204000	800204000	Trip Rod Assembly
860000600	860000600	Coin Box Enclosure
860000810	860000810	Plastic Cashbox
860200500	860200500	Ball Collection Housing Trim - Chrome
8602G0300	8602G0300	Ball View Door Trim - Brass
870000302	870000302	Bolt Ball Flap 1/4"-20 x 3/8"
870007359	870007359	Leg Bolt MS 5/16 18 x 1-1/2 CP HX ZN
930200805	930200805	Plexiglass View Door - Plexi Only
980201537	980201537	Rail Set 7 foot Model 37 - Covered
980201547	980201547	Dynamo 8ft Rail Set Model 47
P990204455	P990204455	Ball View Door for Dynamo - Black

We have over 50 Sales People to help you get the right parts & supplies you need!



Call (888) 289-4277 to Contact a Suzo-Happ Sales Representative Near You

REPLACEMENT PARTS FOR VALLEY POOL TABLES



- Original Valley parts
- Let us keep your inventory of Valley replacement parts. All in stock and ready to ship today!

Part Number	Valley No.	Description
004-0021-1	004-0021-1	Push Chute Right SIde Door
010-0066-0	010-0066-0	Hinge Wood Block B
010-0067-0	010-0067-0	Hinge Wood Block A
26-1975-00	030200180	Coin Meter Kit for Dynamo
26-2120-00	030205025	Ball Dump Motor Replace Kit for Great 8
201-0002-0	201-0002-0	Rail Molding Screw #6 x 5/8"
26-1719-00	20200020	Valley Cushion Rail Bolt 1/4-20 x 4-1/2"
202-0002-0	2020002	Rail Bolts for Valley 1/4-20 x 4-1/2"
202-0003-0	202-0003-0	Leg Bolt 5/16" - 18 x 1-1/2"
202-0037-0	202-0037-0	Corner Casting Bolt 3/8-16 x 5/8 for Valley
202-0109-1	202-0109-1	Pocket Liner Screw 10-32 x 1/2"
43-0486-00	203-0009-0	T-nut 1/4" - 20 (cushion rail bolt)
203-0011-0	203-0011-0	T-nut 5/16" - 18 (leg bolt)
203-0082-0	203-0082-0	T-nut and Base for Table Leg
204-0016-0	204-0016-0	Large Pocket Liner Nail #6 x 3/4"
204-0017-0	204-0017-0	Trim Molding Nail #14 x 7/8"
26-0425-00	205-0019-0	Triangle Black, Valley
204-0018-0	204-0018-0	Trim Molding Screw Nail 2" x 3/4"
204-0078-0	204-0078-0	Pocket Liner Washer
205-0009-1	205-0009-1	Nylon Wheel - Roller
205-0017-1	205-0017-1	Ball Viewer Plexi 32
205-1577-0	205-1577-0	Black Leg with Plate
26-1008-01	205-0002-0	Original Gully Boots - Set of 6
205-0564-0	205-0564-0	101 Side Rail Molding 82-3/16"
205-0565-0	205-0565-0	101 End Rail Molding 38-3/16"
26-1259-00	206-0002-1	Ball Trap Assembly
26-1092-90	206-0004-0	Coin Chute Bracket (Short) for Valley
26-1093-90	206-0004-4	Coin Chute Bracket (Long) 6.5" for Valley
206-0009-0	206-0009-0	Ball Separator Short
206-0010-0	206-0010-0	Ball Separator For Long Rail
206-0011-0	206-0011-0	Ball Shunt
206-0031-00	206-0031-00	Ball Return Molding 46-1/8"
206-0032-01	206-0032-01	Ball View Door Molding 65-7/8"
206-0096-1	206-0096-1	Leg Adjustment Plate
206-0442-0	206-0442-0	Push Chute Housing Molding 39-3/16"(#3)
206-0040-2	206-0566-0	88 Side Rail Molding 68-3/16"
206-0035-2	206-0567-0	88 End Rail Molding 30-15/16"
206-0756-0	206-0756-0	Leg Leveler 1/2" x 13"
206-0782-0	206-0782-0	Down Corner Assy (ZD-7)
207-0001-1	207-0001-1	Side Pocket
207-0002-1	207-0002-1	Corner Pocket Liner - for Nails
207-0002-2	207-0002-2	Corner Pocket Liner - Punched
207-0003-1	207-0003-1	Pocket Liner Set 4" Valley Only
207-0003-2	207-0003-2	Pocket Liner Set - Punched
207-0032-1	207-0032-1	Cue Ball Return Trim Ring Black
207-0036-2	207-0036-2	Rubber Mat Rap Shelf
26-1032-10	209-0005-5	Valley/Dynamo Magnetic Cue Ball
30-3156-C512A	212-0007-0	Key Only - C512A
30-1571-C512A	212-0041-0	Lock Assy Key Alike- C512A
212-0055-0	212-0055-0	Key Only #54 Valley
212-0056-0	212-0056-0	Lock Assy Keyed Alike #54
217-0001-1	217-0001-1	Ceramic Magnet
217-0002-2	217-0002-2	Ball Stop
217-0012-0	217-0012-0	Ball Gate Spring
217-0016-0	217-0016-0	Retaining Ring
217-0033-0	217-0033-0	Table Spots, Roll of 100 Valley
217-0394-0	217-0394-0	Counter Spring w/Hook
217-0568-0	217-0568-0	Push Chute Counter w/Arm & Hook Spring
26-1008-00	26-1008-00	Gully Boots (Set of 6)
206-0551-0	20605510	93 End Rail Molding Trim “Matte” 33 11/16"
206-0551-0S	720201840	93 End Rail Molding Trim “Brushed Shiny”
206-0552-0S	720201835	93 Side Rail Molding Trim “Brushed Shiny”
26-2173-00	7302003400	ICT PCB Set for Great 8 Pool Table
26-1850-00	803001000	Hinge Bar for Valley Pool Table
26-2117-00	88020055	12V Battery Charger for Great 8 Table
004-0022-00	9680C1155	Valley Door Rail Left Side
26-2171-00	990205030	Motor Arm Cable Assy for Great 8 Table
26-1136-10	CPAZQCRA4	101 Covered Rail Set Valley 8' “New Style”
26-1460-00	CP-B-00-CRA-2	93 Uncovered Rail Set
CPBZQCRA3	CPBZQCRA3	93 Cushion Rail Set for 7' Tables
26-1846-00	CPY00RTF	Valley counter Retro Fit Kit
CPY00TRA20301	CP-Y-00-TRA-2-03-0	Corner Casting Assy (pre ZD-7)
CPY00TRA30301	CPY00TRA30301	Corner Casting Assy for ZD-7 Model Table
CPYECCDD10202	CP-Y-EC-CDD-1-02-02	Push Chute Door, Black 9-3/4" x 7"
42-0348-02	CP-Y-EC-LHO-3-02-0	Pool Table Coin Door with Lock Hole
CPYECSER50202	CPYECSER50202	Push Cute Door F/Valley Pool Table - Black
26-1015-00	CU-B-00-SUP	Cue Sticks Supreme 15 to 17 oz
26-1014-00	CU-B-01-SUP	Cue Sticks Supreme 18 to 21 oz
CPYBSBVD-2-0101	PCPYBSBVD201	Ball View Door Taj Teak SU 13 f/Birdseye
26-1959-00	PCPYBSCOD10101	Valley Clean Out Door
26-1703-00	PCTYRGBVD20101	Valley/Dynamo Ball View Graphite Color
26-1726-00	PCPYJMBVD-20101	Ball View Door Dark Mahogany for Valley
26-1778-00	PCPYJMCOD10101	Valley Clean Out Door - Jewel Mahogany
DV3855U	DV3855U	Uncovered Rail Set f/Valley ZD7 & Newer
PCPY00BCA00201	PCPY00BCA00201	Clean Out Door Insert (Unfinished Wood)
P99300J405	P99300J405	Corner Laminate for ZD8 Jewel Mahogany
21303960	21303960	Laminate f/Track from Ball Trap to Player
26-0425-00	-	Triangle Plastic Valley
26-1912-HB	-	21oz Titan Tourn. Green Cloth, Backed (1/2 Bolt)
26-1912-00	-	21oz Titan Tourn. Green Cloth, Backed (Full Bolt)
26-2121-10	-	12V Battery Cable w/Clips f/Great 8 Table
880200131	880200131	Valley Metal Ball Drop Motor (Replaces 880200121)

PLASTIC DART FLIGHTS

- Durable One-Piece Molded Plastic Design
- High Quality

Arachnid®



Part Number	Description
26-1074-100	House Dart Flight, Red
26-1074-120	House Dart Flight, Blue
26-1074-150	House Dart Flight, Yellow
26-1074-160	House Dart Flight, Black

BRASS HOUSE DARTS ASSORTMENT PACK

- A Suzo-Happ exclusive
- Original Arachnid darts
- Contains the following:
  - 25 Red House Darts, Brass, 1/4" Tip
  - 25 Blue House Darts, Brass, 1/4" Tip
  - 25 Yellow House Darts, Brass, 1/4" Tip
  - 25 Black House Darts, Brass, 1/4" Tip

Arachnid®



Part Number	Description
26-1074-00	House Dart Assortment Pack, Brass, 1/4" Tip (100 Darts)

BRASS HOUSE DARTS

- Original Arachnid darts
- Plastic Flight & Tip
- High Quality
- Brass Collar with 1/4" Black Tip

Arachnid®



Part Number	Description
26-1074-10	House Dart Red, Brass with 1/4" Tip
26-1074-12	House Dart Blue, Brass with 1/4" Tip
26-1074-15	House Dart Yellow, Brass with 1/4" Tip
26-1074-16	House Dart Black, Brass with 1/4" Tip

ALUMINUM HOUSE DARTS

- Original Arachnid Darts
- Plastic Flight & Tip
- High Quality
- Aluminum Collar with 1/4" Black Tip

Arachnid®



Part Number	Description
26-1420-10	House Dart Red, Aluminum with1/4" Tip
26-1420-12	House Dart Blue, Aluminum with 1/4" Tip
26-1420-15	House Dart Yellow, Aluminum with 1/4" Tip
26-1420-16	House Dart Black, Aluminum with 1/4" Tip

DART PRO PLASTIC DART FLIGHTS

- Premium one piece molded plastic design
- High quality without the high price
- Available in red, blue, yellow and black



Part Number	Description
26-1074-100DP	Dart Pro House Dart Red
26-1074-120DP	Dart Pro House Dart Blue
26-1074-150DP	Dart Pro House Dart Yellow
26-1074-160DP	Dart Pro House Dart Black

SUZO-HAPP DART PRO HOUSE DARTS ASSORTMENT PACK

- Suzo-Happ exclusive
- Dart Pro darts are of high quality and include threaded brass collars with standard 1/4" tips
- Pack contains the following:
  - 25 Red House Darts Brass, 1/4" Tip
  - 25 Blue House Darts, Brass, 1/4" Tip
  - 25 Yellow House Darts, Brass, 1/4" Tip
  - 25 Black House Darts, Brass, 1/4" Tip



Part Number	Description
26-1074-00DP	Suzo-Happ Dart Pro House Darts 12.07 grams
480015	Suzo-Happ Dart Pro House Darts 15.00 grams

ULTRAFLEX PLASTIC DART TIPS

- The ultimate in plastic dart tips
- The only dart tip designed for many different dart heads
- Extremely durable, yet flexible
- Self-lubricating tip
- Hole in the base of tip allows you to tighten the tip easily with another tip
- Manufactured with state-of-the-art materials
- Available in 1/4" (bag of 500) and 2BA (bag of 1000)

IMPROVED DESIGN



Part Number	Description
26-1066-500	1/4" Black Dart Tip (Bag of 500)
26-1099-00	3/16" (2BA) Black Dart Tip (Bag of 1,000)

DELUXE DART TIP EXTRACTOR

- Easily removes broken dart tips from dart board
- Heavy-duty all metal construction
- Blue metallic handle



Part Number	Description
40-2027-1	Deluxe Dart Tip Extractor

STANDARD DART COLLARS

- Durable Knurled Design
- High Quality
- Minimum Order of 50

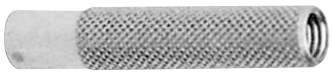


Arachnid®

Part Number	Description	Weight
26-1074-180	Brass Knurled Collar for 1/4" Tip	9 grams
26-1409-00	Aluminum Knurled Collar for 1/4" Tip	3.5 grams

HEAVY DART COLLARS

- Durable knurled design
- High quality
- Minimum order of 50



Part Number	Description	Weight
480009	Brass Knurled Collar for 1/4" Tip	12 grams

THROW LINE MARKERS

- Solves arguments over location of throw line
- Pressure Sensitive Decal
- Simply peel backing and adhere to floor
- Holds 8 Quarters or Tokens
- Works great for Pool Tables, Pinball Machines, Foosball and Video Games
- Furnished with Double Sided tape for easy mounting
- 11-5/8" Length



Part Number	Description
26-1070-00	Bull Starts Here, Throw Line Marker
26-1091-00	Bullshooter, Throw Line Marker

MULTI-SIZE CUP & CAN HOLDER

- Durable high impact polystyrene
- The only cup holder that can handle multiple beverage sizes from cans to “jumbo” cup sizes
- Convenient “mug handle” groove accepts beer mugs
- 3 pre-drilled mounting holes
- Drain hole stops excess liquid from collecting in the bottom
- Color: Black



Part Number	Description
27-1422-00	Multi-Size Cup & Can Holder

QUARTER COIN HOLDER

- For Arachnid electronic dart games
- Top illumination lamp



Part Number	Description
26-1065-00	Quarter Coin Holder

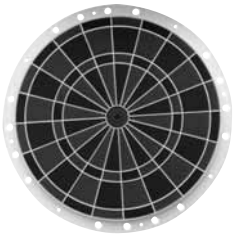
REPLACEMENT PARTS FOR VALLEY DART GAMES





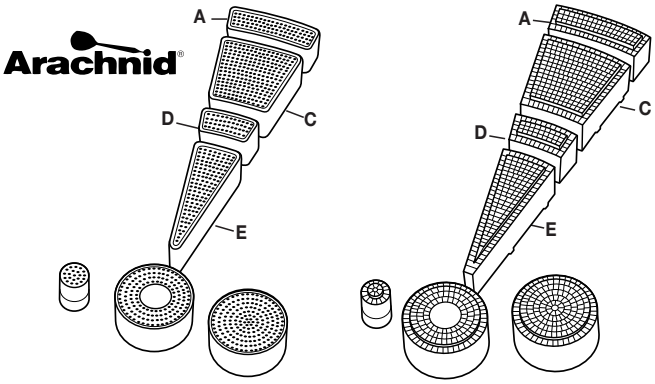
VALLEY





Part Number	Valley Part No.	Description
91-0658-00	223-1006	Miniature Wedge Lamp (GE658)
205-0340	205-0340	Outer Bullseye Blue
205-0242-00	205-1022-6	Dart Catch Ring (4 pc completes ring)
205-1221-7	205-1221-7	Inner Bullseye Red
205-1222-5	205-1222-5	Thin Line White Spider
207-0048	207-0048	Rubber Sheet American Size
91-1891-10	223-0003	Lamp, Mini Bayonet (1891)
223-0006	223-0006	Lamp, Bi-Pin (7832)
91-0030-00	223-0014	Lamp, Mini Wedge Base (158)
N25-0-00-00	N25-0-00-00	Spider Assy w/ Segments (Red/Blue)
N65-0	N65-0	Matrix Switch Assy (SM/HB/C8)
Q17-2-00-00	Q17-2-00-00	82 pc Segment Set (Red/ Blue)
Q28-2-00-00	Q28-2-00-00	4 pc Segment Set Red
Q29-3-00-00	Q29-3-00-00	4 pc Segment Set Blue
20502941K	-	Tips, 1000 per Bag Elite Valley
207-0048	207-0048	Damper Courage Dart
N65-0	-	Matrix
223-0006	-	Lamp 14 volt Long Life
203-0011-0	-	T-Nut Leg 5/16
205-0001-3	-	Cash Box Vacuum Formed
205-0009-1	-	Nylon Wheel New
205-0638	-	Player Change Button
205-0242-00	-	Catch Ring Ea. Thin Fold Down
205-1222-5	-	Spider Empty Thin Rib Cougar
207-0048	-	Damper Cougar Dart

SPIDER SEGMENTS FOR ARACHNID DART GAMES



REGULAR SPIDER SUPER SPIDER

Part Number	Arachnid No.	Description
REGULAR SPIDER SEGMENTS FOR ARACHNID DART GAMES		
11577	11577	"A" Black Double Segment Regular Spider
12687	12687	"C "Black Single Segment Regular Spider
13797	13797	"D" Black Triple Segment Regular Spider
16025	16025	Black Inner Bull Regular Spider
19255	19255	Red Outer Bull Regular Spider
29244	29244	"A" Red Double Segment Regular Spider
30465	30465	Standard Bull Regular Spider
37154	37154	"E" Black Single Pie Segment Regular Spider
37155	37155	"E" Red Single Pie Segment Regular Spider
12397	12397	Web for Galaxy
91-4010-00	L0176	Hot Dog Lamp
12575	12575	Matrix, Galaxy Double Bull
14617	14617	Loaded Spider New
25848	25848	Segment Red Pie New
26958	26958	Segment Black Pie New
27030	27030	4500 Special Lamp
SUPER SPIDER SEGMENTS FOR ARACHNID DART GAMES		
18069	18069	"A" Red Double Segment Super Spider
19079	19079	"A" Black Double Segment Super Spider
21408	21408	"C" Red Single Segment Super Spider
22518	22518	"C" Black Single Segment Super Spider
23628	23628	"D" Red Triple Segment Super Spider
24738	24738	"D" Black Triple Segment Super Spider
25848	25848	"E" Red Single Pie Segment Super Spider
26958	26958	"E" Black Single Pie Segment Super Spider
36971	36971	Double Bull Assembly Super Spider
12575	12575	Matrix New Super Spider
14617	14617	Spider Loaded New Style
29268	29268	Super Spider New Style

REPLACEMENT PARTS FOR ARACHNID DART GAMES



26-1091-00



91-0658-00

Part Number	Arachnid No.	Description
12397	12397	Web Assembly
14617	14617	Super Spider & Segment kit for Galaxy without Matrix
27030	27030	Bulb with Socket 14v for Main P.C. Board
91-0070-00	32739	Florescent Ballast, 15V
26-1091-00	32605	Bullshooter Throw Line Marker
91-0658-00	34811	Mini Lamp 14v 658 Wedge Base
91-4010-00	37024	Lamp 40T10F 40W Frosted Medium Base
12575	12575	Super Spider Matrix- Thin Line for Galaxy-Double Bull
28258	28258	Damper New
170073	170073	Double Bull Center Black



See Page 20 for the LCD Conversion Kit for Arachnid Galaxy II Dart Game, including everything to convert your cabinet to an LCD Monitor.

FLIP-OVER ASHTRAY

- Easily mounts to any coin-op game
- Empty ashtray by just flipping it over
- Sturdy metal construction



Part Number	Description
51-0302-00	Flip-Over Ashtray

SPECIALTY LAMP



Part Number	Description
91-2510-00	25T10 Lamp
91-4010-00	40T10 Lamp

FOOSBALLS


205-1517-0


49-0550-11C


49-0550-11S


49-0550-15C


49-0550-16BWC


49-0550-99


49-0550-99N

- Largest selection of foosballs anywhere!
- From original O.E.M. soccer balls to a realistic looking soccer ball, we have them all

Part Number	Description
205-1517-0	Red Ball for Tornado Soccer
49-0550-11C	Foosball, White Composition Surface, Made in the USA
49-0550-11S	Foosball, White Smooth Surface, Molded
49-0550-15C	Foosball, Yellow Composition Surface, Made in the USA
49-0550-16BWC	Foosball, Black & White Checkered Surface
49-0550-99	Foosball, Cork White
49-0550-99N	Foosball, Cork Natural
26-1804-00	Foosball, Economy Red (not pictured)
49-0550-15	Foosball, Yellow Fuzzy Dynamo 1-3/8" (not pictured)

REPLACEMENT PARTS FOR DYNAMO FOOSBALL





Part Number	Dynamo Ref. No.	Description
26-1160-00	710100401	Scoring Kit
26-1255-00	800102501	2 Hole Rod
217-0670-0	830100115	Wooden Handle
26-1251-00	860155006	Red Man
26-1252-00	860155011	Blue Man
49-0550-15C	860155020	Yellow Foosball
43-0253-00	879900800	Nut Lock for Men 10-32
26-1123-00	900100110	Rubber Bumper
26-1253-00	900100100	Rubber Handle

REPLACEMENT PARTS FOR TORNADO FOOSBALL

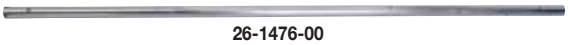




- Complete stock of all your Tornado Soccer parts
- Suzo-Happ is an official distributor of Tornado / Valley

Part Number	Valley Part No.	Description
26-2024-00	-	Side Door Lock, Key Only
201-0249-0	201-0249-0	Score Post Screw
20515222	-	Black Figure New Style G3000 Tornado
20515232	-	Yellow Figure New Style G3000 Tornado
205-1513-0	205-1513-0	Field Trim
205-1514-0	205-1514-0	Leg Leveler
205-1517-0	205-1517-0	Foosball Red
205-1518-0	205-1518-0	Score Post Black
205-1519-0	205-1519-0	Bearing Wrench
205-1520-0	205-1520-0	Bearing Nut
205-1521-0	205-1521-0	Bearing Set (2 half bearings)
205-1522-0	205-1522-0	Black Figure
205-1523-0	205-1523-0	Yellow Figure
206-00961	-	Leg Adjustment Plate Tornado Foosball
206-0677-0	-	Hinge (Set) for Tornado Soccer
206-0681-0	206-0681-0	2 Man Rod
206-0682-0	206-0682-0	3 Man Rod
206-0683-0	206-0683-0	Goalie Rod
206-0684-0	206-0684-0	5 Man Rod
206-0750-0	206-0750-0	Score Post Rod
207-0106-0	207-0106-0	Bumper
212-0061-0	-	Coin Box Lock for Tornado Soccer
212-0062-0	212-0062-0	Cabinet Lock
217-0663-0	217-0663-0	Silicone 2 oz
217-0664-0	217-0664-0	Score Disc (natural)
217-0665-0	217-0665-0	Score Disc (black)
217-0667-0	217-0667-0	Punch
217-0669-0	217-0669-0	Roll Pin
217-0670-0	217-0670-0	Handle
217-0691-0	-	Mechanical Meter for Tornado Foosball
LTF83	-	Key Only, Sold as Each NLT08-03
LTF81	-	Key Only, Sold as Each NLT08-01

REPLACEMENT PARTS FOR TOURNAMENT AND PREMIER SOCCER



26-1476-00



26-1482-00



26-1479-00



26-1484-00



26-1483-00

Part Number	Ref. No.	Description
TOURNAMENT SOCCER PARTS		
26-1476-00	TS-48A	2-man Rod
26-1477-00	TS-48B	1 & 3-man Rod
26-1478-00	TS-48C	5-man Rod
26-1479-00	TS-58T	Tan man
26-1480-00	TS-58Y	Yellow man
26-1481-00	-	Gray man
26-1482-00	-	White man
26-1483-00	-	Red man with Rounded Foot, Wide Shoulder
26-1484-00	-	Blue men with Rounded Foot, Wide Shoulder
26-1673-00	-	Metal Face Plate (Chrome), for Soccer Table
PREMIER SOCCER SPARE PARTS		
26-1476-00	23-115	2-man rod
26-1477-00	23-116	1 & 3-man rod
49-0751-00	23-122	Handle, Rubber Grip
49-0752-00	23-124	Chrome Bumper Spring
49-0753-00	23-125	Lively Rubber Bumper
49-0915-00	23-126	Plastic Rod Washer
49-0755-00	23-127	Rod End Plastic Cap
49-0757-00	23-130	Plastic Red Bearing
49-0758-00	23-131	Ball Entry Cup
49-0764-00	23-137	Goalie Stop with Screw
49-0760-00	23-153	Player Nut & Bolt
49-0763-00	23-165	Yellow Man, without Hat
49-0762-00	23-171	Light Gray Man
49-0761-00	23-172	Dark Gray Man
49-0917-00	26-166	Tan Man

HOCKEY MALLETS & PUCKS

- High quality
- Mallet will work for both standard white and fluorescent white applications





Part Number	Ref. No.	Description
205-1502-0	205-1502-0	2-1/2" Green Puck for Tornado
205-1529-0	205-1529-0	3-1/4" Red Glass Filled Puck
26-1244-00	860400090	3-1/4" Fluorescent Green Puck
51-0100-B	860400100	3-1/4" Yellow Puck
51-0301-01	860400400	3-1/4" White Quiet Puck
205-1530-0	205-1530-0	Tornado White Mallet
26-1245-01	860400200	White Fluorescent Mallet
0110A	-	White Mallet Economy

REPLACEMENT PARTS FOR DYNAMO HOCKEY



- The most commonly replaced hockey parts

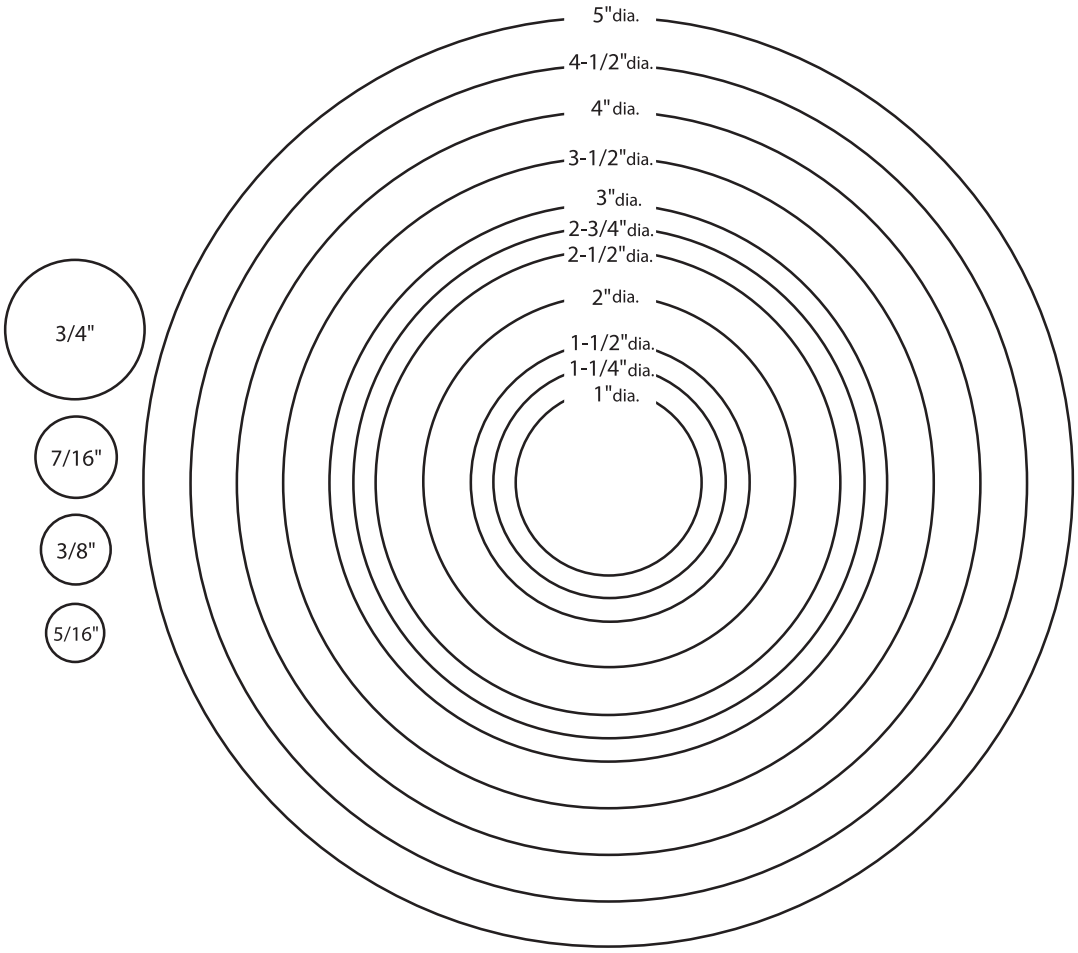
Part Number	Dynamo Ref. No.	Description
26-2014-00	030400250	Plexi Shield Kit
800400300	800400300	Coin Mech Extension
26-1242-00	860000400	Plastic Door Frame
860000810	860000810	Plastic Cashbox
26-1248-00	860001300	Plastic Leg
26-1243-00	860001900	Plastic Coin Door
26-1247-00	60400010	Corner Protector
26-1244-00	860400090	Green Fluorescent Puck
51-0100-B	860400100	Dynamo 3-1/4" Yellow Puck
51-0301-01	860400400	Dynamo 3-1/4" White Quiet Puck
0110A	-	White Mallet
26-1245-01	860400210	White Fluorescent Mallet
26-1447-00	870011311	Bolt Rail MS 1/4 -20 x 2"
26-1446-00	870054105	T-Nut Rail 1/4 -20
26-1277-00	880400300	Solenoid 110 volt
26-1250-00	880404200	Score Optic
26-1249-00	890001400	Leg Leveler
26-1749-00	960402802	Drop Pocket
980400200	980400200	Adhesive Sand Paper

REPLACEMENT PARTS FOR TORNADO HOCKEY



Part Number	Description
205-1529-0	3-1/4" Red Glass Filled Puck
205-1530-0	White Mallet
205-1502-0	Green 2-1/2" Home Puck

Pinball Rubber Sizing Chart



PINBALL RUBBER

- Made of pure gum rubber
- Best quality for long life
- Custom designs available
- Flipper rubber, ball shooter tip and playfield rubber in super-durable black or white rubber

RUBBER RINGS

- Sized by inner diameter
- All rings have 1/4" rubber section size
- Color: Black or White



Part Number	Inner Diameter	Color	Hardness
25-1020-06HD	3/8"	Black	50 Durometer
25-1040-06HD	3/4"	Black	50 Durometer
25-1050-06HD	1"	Black	50 Durometer
25-1060-06HD	1-1/4"	Black	50 Durometer
25-1070-06HD	1-1/2"	Black	50 Durometer
25-1080-06HD	2"	Black	50 Durometer
25-1090-06HD	2-1/2"	Black	50 Durometer
25-1095-06HD	2-3/4"	Black	50 Durometer
25-1100-06HD	3"	Black	50 Durometer
25-1200-06HD	3-1/2"	Black	50 Durometer
25-1250-06HD	4"	Black	50 Durometer
25-1300-06HD	4-1/2"	Black	50 Durometer
25-1018-01	7/32"	White	45 Durometer
25-0010	5/16"	White	45 Durometer
25-1020-01	3/8"	White	45 Durometer
25-1040-01	3/4"	White	45 Durometer
25-1050-01	1"	White	45 Durometer
25-1060-01	1-1/4"	White	45 Durometer
25-1070-01	1-1/2"	White	45 Durometer
25-1080-01	2"	White	45 Durometer
25-1090-01	2-1/2"	White	45 Durometer
25-1100-01	3"	White	45 Durometer
25-1200-01	3-1/2"	White	45 Durometer
25-1250-01	4"	White	45 Durometer
25-1300-01	4-1/2"	White	45 Durometer

BUMPER POST RINGS

- For plastic bumper posts
- Sized by inner diameter
- Color: Black or White



Part Number	Inner Dia.	Diameter	Color	Hardness
25-1010-06HD	5/16"	3/16"	Black	50 Durometer
25-1030-06HD	7/16"	3/16"	Black	50 Durometer
25-1280-06HD	5/16"	7/32"	Black	50 Durometer
25-1290-06HD	3/16"	7/32"	Black	50 Durometer
25-1010-01	5/16"	3/16"	White	45 Durometer
25-1030-01	7/16"	3/16"	White	45 Durometer
25-1280-01	5/16"	7/32"	White	45 Durometer
25-1290-01	3/16"	7/32"	White	45 Durometer

MINI POST RUBBER

- For 5/32" metal posts
- Sized by outer diameter
- Color: Black or White



Part Number	Outer Diameter	Color	Hardness
25-1260-06HD	3/8"	Black	50 Durometer
25-1270-06HD	7/16"	Black	50 Durometer
25-1260-01	3/8"	White	45 Durometer
25-1270-01	7/16"	White	45 Durometer

FLIPPER RUBBER/MINI FLIPPER RUBBER

- Color: Black, Red, Yellow



Part Number	Size	Color	Hardness
25-1338-00	1-1/2" x 3/8"	Red	45 Durometer
25-1000-06HD	1-1/2" x 1/2"	Black	60 Durometer
25-1000-00	1-1/2" x 1/2"	Red	45 Durometer
25-1000-05	1-1/2" x 1/2"	Yellow	45 Durometer
25-1001-06HD	1" x 1/2"	Black	60 Durometer

RUBBER BUMPER SLEEVES

- Color: Black or Yellow



Part Number	Williams No.	Description
23-6556	23-6556	Black, Thin 7/16" Outside Dimension
236579	23-6579	Yellow, Cap or Bell Style 1/2" Outside Dimension
50-2033-00	23-6556	Black Rubber Bumper Sleeve 1/2" OD x .260 ID x 7/8" L
50-2033-05	23-6552	Yellow Rubber Bumper Sleeve 1/2" OD x .260 ID x 7/8" L

BALL SHOOTER TIPS

- Made with internal chamfer to fit shooter rod exactly



Part Number	Color	Hardness
25-1349-06	Black	60 Durometer

YELLOW TAPERED RUBBER BUMPER

- 3/4" size
- Yellow rubber
- Minimum order 10



Part Number	Description
236579	Tapered Yellow Bumper

PLAYFIELD POST CAPS

- Black Playfield post cap and White Playfield post cap



Part Number	Description
49-0766-06	Black Playfield Post Cap
49-0766-00	White Playfield Post Cap

PINBALL

- Protect your playfield – replace pinballs at the slightest hint of pitting, rust or other imperfections
- Material: Steel



Part Number	Description
49-0587-00	1-1/16" Steel

TILT/PLUM BOB ASSEMBLY

- Commonly used in all pinball machines
- Adjustable sensitivity, just lower or raise the center plumb bob
- Includes all items pictured



Part Number	Description
95-0328-00	Tilt/Plum Bob Assembly

UNIVERSAL BALL SHOOTER ASSEMBLY

- For all pinball games
- Black bezel and black knob with black tip
- Simply mount to cabinet



Part Number	Description
95-0086-00	Universal Ball Shooter Assembly

DROP TARGET



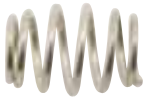
- Durable – made from super tough white nylon
- Fits Data East / Sega pinballs

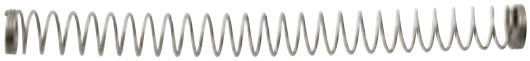
Part Number	Description
25-1325-00	Drop Target, Blank, White

BALL SHOOTER SPRINGS

- Original equipment
- Plated steel springs

BARREL



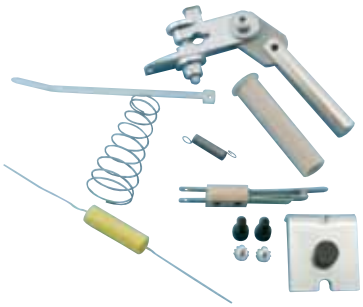


PLUNGER

Part Number	Description
25-1326-00	Barrel Spring
25-1327-00	Plunger Spring

OLD STYLE FLIPPER REBUILD KIT

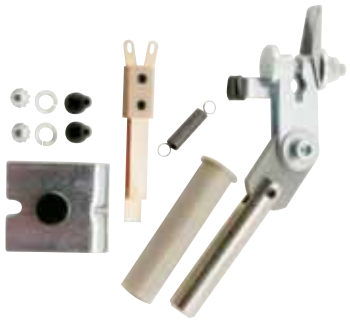
- For older Williams pinball machines
- Does not include coils



Part Number	Description
A-13524-1	Old Style Flipper Rebuild Kit

FLIPTRONIC FLIPPER REBUILD KIT

- For new style Williams pinball machines
- Does not include coils



Part Number	Description
A-13524-8	Fliptronic Flipper Rebuild Kit

PINBALLS COILS & SLEEVES

WILLIAMS/BALLY



Part Number	Description
A-14701	Williams/Bally Pinball Coil
A-24-570/34-3600	Williams/Bally Pinball Coil
A261200	Williams/Bally Pinball Coil
A271300	Williams/Bally Pinball Coil
A-15849-L-2	Williams/Bally Pinball Coil
AE23800	Williams/Bally Pinball Coil
AE-23-800-02	Williams/Bally Pinball Coil
AE23800-03	Williams/Bally Pinball Coil
AE-23-800-06	Williams/Bally Pinball Coil
AE-23-800-11	Williams/Bally Pinball Coil
AE-24-900	Williams/Bally Pinball Coil
AE-25-1000	Williams/Bally Pinball Coil
AE26-1500-02	Williams/Bally Pinball Coil
AE261200	Williams/Bally Pinball Coil
AE261500	Williams/Bally Pinball Coil
AE271200	Williams/Bally Pinball Coil
AE302000	Williams/Bally Pinball Coil
AF25-500/28-100	Williams/Bally Pinball Coil
AL-26-1500-02	Williams/Bally Pinball Coil
AQ25-500/34-5050	Williams/Bally Pinball Coil
AQ26-600/34-4500	Williams/Bally Pinball Coil
C28-1100	Williams/Bally Pinball Coil
FL-11722	Williams/Bally Pinball Coil
FL-11753	Williams/Bally Pinball Coil
FL117531	Williams/Bally Pinball Coil
FL-17636	Williams/Bally Pinball Coil
FL11629	Williams/Bally Pinball Coil
FL11630-50V	Williams/Bally Pinball Coil
FL117531	Williams/Bally Pinball Coil
FL15411	Williams/Bally Pinball Coil
SA-23-850-DC	Williams/Bally Pinball Coil
SFL19400/30750	Williams/Bally Pinball Coil
SFL24600/30-2600	Williams/Bally Pinball Coil
SG-23-850-DC	Williams/Bally Pinball Coil
SM-26-600-DC	Williams/Bally Pinball Coil
SM1-26-600	Williams/Bally Pinball Coil
SM31-900	Williams/Bally Pinball Coil
SM1-28-900	Williams/Bally Pinball Coil
SMI-35-4000	Williams/Bally Pinball Coil

CRANE



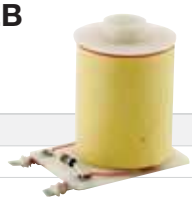
Part Number	Description
CS-834	Gripper Coil for Smart & Kramer
CS-992	Hollywood Crane Coil
CS1121	Claw Coil for Smart Cranes
CS-1230	Coil for Plush Bus
CS-1148	Crane Coil

SEGA/DATA EAST/STERN



Part Number	Description
090502020	Sega/Data East/Sern Pinball Coil
090-5004-00	Sega/Data East/Sern Pinball Coil
090-5005-00	Sega/Data East/Sern Pinball Coil
090-5020-20	Sega/Data East/Sern Pinball Coil
090-5020-30	Sega/Data East/Sern Pinball Coil
090-5023-00	Sega/Data East/Sern Pinball Coil
090-5030-00	Sega/Data East/Sern Pinball Coil
090-5032-00	Sega/Data East/Sern Pinball Coil
090-5036-01	Sega/Data East/Sern Pinball Coil
090-5041-00	Sega/Data East/Sern Pinball Coil
090-5044-0T	Sega/Data East/Sern Pinball Coil
090-5067-00T	Sega/Data East/Sern Pinball Coil

PREMIER/GOTLIEB



Part Number	Description
27643	Premier/Gotlieb Pinball Coils
A-14789	Premier/Gotlieb Pinball Coils
A-1496-SS	Premier/Gotlieb Pinball Coils
A16570	Premier/Gotlieb Pinball Coils
A-17875	Premier/Gotlieb Pinball Coils
A-17876	Premier/Gotlieb Pinball Coils
A19300	Premier/Gotlieb Pinball Coils
A25959	Premier/Gotlieb Pinball Coils
A26451	Premier/Gotlieb Pinball Coils
A-26646	Premier/Gotlieb Pinball Coils
A26926	Premier/Gotlieb Pinball Coils
A27642	Premier/Gotlieb Pinball Coils
A-30297	Premier/Gotlieb Pinball Coils
A4893	Premier/Gotlieb Pinball Coils
A-5141	Premier/Gotlieb Pinball Coils
A5195	Premier/Gotlieb Pinball Coils
A25959	Premier/Gotlieb Pinball Coils
A26451	Premier/Gotlieb Pinball Coils
A28740	Premier/Gotlieb Pinball Coils
A29876	Premier/Gotlieb Pinball Coils
A5195	Premier/Gotlieb Pinball Coils

COIL SLEEVES

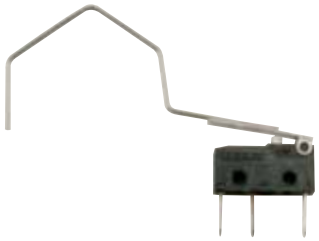


Part Number	Description
03-7067	1-7/8" long
037066	1-3/4" long
0370665	2-1/4" long
0370673	1-13/16" long
95-0637-00	2-5/8" long

PINBALL SWITCHES

ROLLOVER SWITCH

- CHERRY switch
- Generic rollover wire form
- Replaces most micro-type rollover switches
- Use with switch bracket (below) to replace leaf rollover switches
- 10 million cycle reliability



CHERRY

Part Number	Description
95-4149-10	Rollover Switch

MINIATURE MICRO SWITCHES WITH ACTUATOR

- Flat or wire actuator
- Form to desired shape
- Fit all recent pinballs using subminiature micro switches

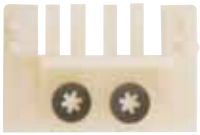


CHERRY

Part Number	Description
95-4170-00	Miniature Switch with Wire Actuator
95-4183-00	Miniature Switch with Flat Actuator

SWITCH BRACKET

- For under-playfield mounting of any of the above switches
- Supplied with push nuts
- Mount switch left or right



Part Number	Description
95-4184-00	Switch Bracket with Push Nuts

ANTI-SLAM SWITCH

- Sensitive – with heavy weight
- With bracket to fit door lock

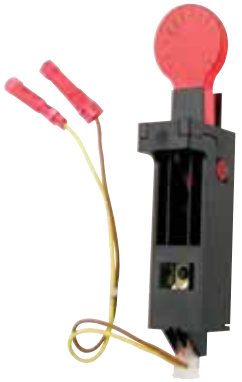


Part Number	Description
95-4176-00	Anti-Slam Switch with Bracket

For Our Complete Selection of Interlock Switches See Pages 54-55

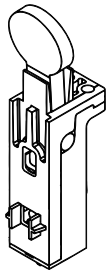
PINBALL TARGET SWITCHES

- Universal replacement target switch for use on both new and old pinball machines
- No adjustment required throughout the life of the target
- Repetitive operating point
- 50,000,000 cycle typical switch life
- Shock, dust and dirt resistant
- Integrated electrical connector
- Only the target head protrudes above the playing field
- Translucent target heads illuminate brilliantly
- Includes mounting screws, wire harness and installation instructions



Front Mount

2 YEAR WARRANTY



Rear Mount

HEAD TYPE:
See Head Type Chart
(1,2,3,4,5)

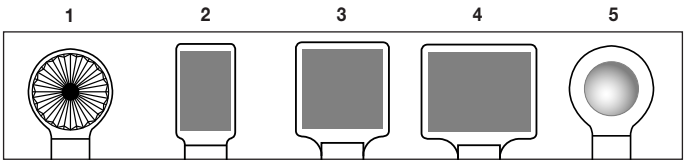
KIT:
K = With Installation Kit
_ = Without Installation Kit

46-MH10-CK

MOUNTING:
F = Front
R = Rear

COLOR:
10T = Red Translucent
12T = Blue Translucent
13T = Green Translucent
13FT = Green Fluorescent Translucent
14T = Purple Translucent
15T = Yellow Translucent
17T = Amber Translucent
18 = Clear Translucent
19T = Orange Translucent

Head Types Available



Installation Kit Includes the necessary items needed to replace existing older style pinball targets:
(2 Mounting Screws, Wire Harness and Instructions)

Part Number	Description
46-MH10-CK	Pinball Target Switch with Installation Kit

PINBALL SWITCHES WITH ACTUATORS

- Made with GOLD contact Cherry switches for long reliable service
- Two types available: “Miniature” D4 series “Subminiature” DA3 series
- Fit most applications on recent pinball games
- OEM applications – Custom designed switches also available, please inquire

MINIATURE SWITCHES

Outhole Medium
95-4177-00
• 1.06" Actuator



Kick Switch
95-4155-00
• 1.5" Actuator



Outhole large
95-4152-00



Part Number	Description
95-4177-00	Outhole Switch, Medium
95-4155-00	Kick Switch
95-4152-00	Outhole Switch, Large

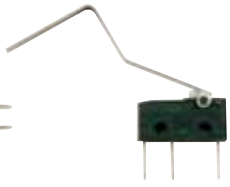
REPLACEMENT WILLIAMS PINBALL SWITCHES



95-4177-00



95-1895-00

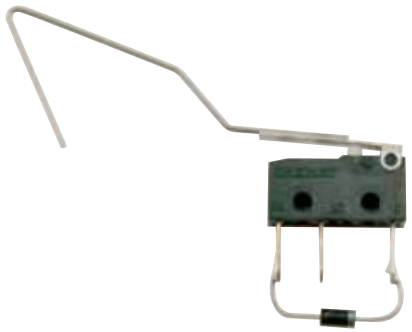


95-0957-00

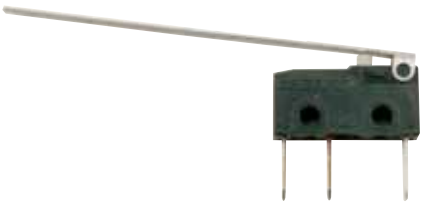
Part Number	Williams No.	Description
95-4177-00	5647-09957-00	Switch, Outhole, Medium
95-1895-00	5647-10915-00	Switch Assy D41 Type w/ Roller Actuator
95-4141-10	5647-12693-07	Switch Assy Outhole without Diode
95-0957-00	5647-12693-13	Switch Assy DA3 Type
95-1888-00	5647-12693-08	Switch Assy DA3 Type

SUBMINIATURE SWITCHES

Ball Shootback
95-4225-00



Outhole Small
95-4141-00
• 2.25" Actuator



Part Number	Description
95-4225-00	Ball Shootback
95-4141-00	Outhole Switch, Small

PINBALL PLAYFIELD SWITCH ACCESSORIES



95-4180-00



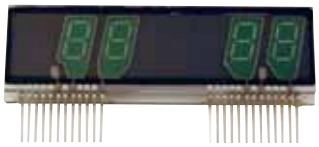
50-4007-00

- Made with GOLD contact subminiature Cherry DA-3 switches for long, reliable service
- Sold as complete assemblies, including bracket and diode
- Ready to install on back of playfield
- Use on almost any pinball to replace troublesome leaf switch assemblies
- OEM applications – Custom designed switches also available, please inquire

Part Number	Description
50-4007-00	Ballshooter
95-4180-00	Spinner, Right Hand

DISPLAYS

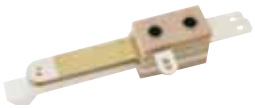
- Glass and Pins only
- Used to replace original OEM equipment
- Various types available



Part Number	Description
49-7017-00	4-Digit Numeric Display
49-7001-00	6-Digit Numeric Display
49-7002-00	7-Digit Numeric Display
49-0478-00	7-Digit Alpha Numeric Display
49-7000-00	16-Digit Alpha Numeric Display

PINBALL LEAF SWITCHES

- Made from best quality materials for long life
- For Williams Games
- Tungsten contacts
- Fit many applications



Lane Change Switch
95-4329-00



End of Stroke Switch
95-4330-00



Single Contact Flipper Switch
95-4328-00



Double Contact Flipper Switch
95-4327-00

Part Number	Ref. No.	Description
95-4329-00	SW1A150	Lane Change Switch
95-4330-00	03-7811A	End of Stroke Switch
95-4328-00	SW10A48	Single Contact Flipper Switch
95-4327-00	SW1010A-13	Double Contact Flipper Switch
95-0468-00	180-5124-01	Data East/Sega, New Style
SW1A194	SW1A194	Williams

PINBALL PLAYFIELD MINI MARS LIGHT

- Adds attractive light and colors to any pinball or redemption type game
- Williams Ref. 03-8149-XX
- Sega Ref. 550-5031-XX



Color Code : XX = Color	
10T = Red	15T = Yellow
12T = Blue	17T = Amber
13T = Green	18 = Clear
14T = Purple	19T = Orange

Part Number	Description
49-5017-XX	Mini Mars Light Translucent, Specify Color

PINBALL PLAYFIELD STARBURST HAT LIGHT

- Adds attractive light and colors to any pinball or redemption type game
- Williams Ref. 03-8662-X
- Sega Ref. 550-5032-XX



Color Code : XX = Color	
10T = Red	15T = Yellow
12T = Blue	17T = Amber
13T = Green	18 = Clear
14T = Purple	19T = Orange

Part Number	Description
49-5018-XX	Starburst Hat Light Translucent, Specify Color

PINBALL PLAYFIELD GLASS

- 3/16" thick
- Tempered glass for safety
- Each playfield glass packaged individually in it's own cardboard box, two per carton
- Minimum order is one carton of two

Part Number	Description
660-5001-00	Pinball Playfield Glass 21" x 43"

MINIATURE LAMP FOR PREMIER



Part Number	Description
91-1124-10	Miniature Lamp Premier #597

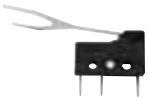
PINBALL REPLACEMENT PARTS FOR SEGA/DATA EAST/STERN


515-5000-02


515-5051

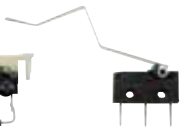

95-0307-10

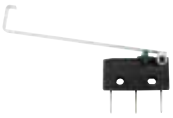

95-0311-00


95-0418-00


95-0866-11

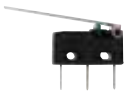

95-0867-10


95-1744-10

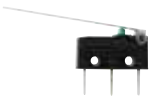

95-1593-100


95-2346-10

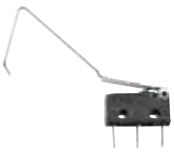

95-4138-00


95-4141-040


95-4141-10


95-4141-150


95-4225-00


95-4253-10

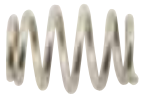
Part Number	Sega Number	Description
041510100	-	Motor Pirates of the Carribean for Stern
041-5095-01	-	Motor, w/Crank, 14RPM 24 VAC
46-F210-18	500813801	Drop Target
50-4001-10	515-5138-00	Rollover Switch, Right
50-4006-10	500-5142-00	Rollover Switch, Left
53-7025-00	180-5000-00	Interlock P. B., .187 terminal
090-5001-ND	-	Stern Coil, 23-800 w/o Diode
090-5020-20T	-	Coil - AE 22-900 (Flip) Yellow Top w/Diode
090-5030-ND	-	Coil Pirates of the Carribean for Stern
090-5030-0T	-	Coil - AE 23-1100 (Flip) Orange
090-5032-0T	-	Flipper Coil DE & Sega
090-5067-00T	-	Coil for Stern Roller Coaster Tycoon
090-5068-00T	-	Stern Coil 25-16000
95-0307-10	-	Switch Assy DB for Sega
95-0311-00	180-5158-00	Switch & Actuator Assy D41 for Sega
95-0418-00	180-5116-01	Switch Assy "Y" Blade & Cherry E63-07HG
95-0468-00	180-5124-00	End of Stroke Flipper Switch Jurassic Park
95-0866-11	500-6227-04	Switch Assy Rollover RH Light Force
95-0867-10	500-6227-03	Switch Assy Rollover LH Light Force
95-1593-100	180-5186-01	Switch & Formed Actuator Assy for Stern
95-1744-10	180-5183-00	Switch Assy DB w/Formed Actuator f/Stern
95-2346-10	180-5198-00	Switch Assy for Stern - 37˚ Actuator
95-4138-00	180-5119-01	Ball Through Switch Assembly
95-4141-00	180-5010-00	Outhole Switch Assembly w/o Diode
95-4141-10	-	Switch Assy Outhole w/o Diode DB Switch & Flat Actuator 1.625"
95-4141-040	180-5010-04	Switch Assy Outhole w/o Diode for DE
95-4141-150	-	Switch Assy Outhole w/o Diode DB Switch & Flat Actuator 1.50"
95-4152-00	180-5011-00	Outhole Switch, Large
95-4155-00	180-5040-00	Kick Switch
95-4165-00	180-5052-00	Motor Cam Switch Assembly
95-4177-00	180-5009-00	Outhole Medium Switch
95-4178-10	180-5057-00	Switch Assy High Ramp for DE
95-4225-00	180-5069-00	Ball Shootback Switch
95-4253-10	180-5087-00	Switch Assy, Wire Gate - Batman DE
110-0106-00	110010600	Trans P20N10
180-5054-00	1805054	Switch Slingshot
180-5116-01	-	Switch for Stern Fork-Vuk
180-5149-00	180-5149	End of Stroke Switch
260-0009-01	2600009	Roller Wheel Wacky Gator

Part Number	Sega Number	Description
265-5035-00	265-5035-00	Flipper Return Spring
266-5010-00	266-5010	Outside Plunger Compression Spring
266-5020-00	266-5020	Spring on Vertical Up Kicker
500-6307-00	-	Flipper Rebuild Kit Right
500-6307-20	-	Flipper Rebuild Kit Left
500-6543-04	-	Stern Right Flipper Assembly
500-6543-12	-	Stern Left Flipper Assembly
511-5001-00	-	Up Down Cap & Shaft for Family Guy
515-5000-02	515-5000-02	Plunger Kickback
515-5051	515-5051	Plunger Link & Pawl Universal for Sega
515-5085-00	-	Rod & Ring Assy Stern Pins Thumper Bumper
515-5338-00	515-5338	Plunger and Link Slingshot
515-5346-00	-	Coil Stop Bracket for Sega
515-5822-00	515-5822	Plunger and Link
515-5941-01	515594101	Plunger
515-6304-01	515-6304-01	Flipper Plunger & Link
515-6304-03	515-6304-03	Plunger & Link for World Poker Tour
515-6308-01	515-6308-01	Coil Stop Sub Assembly
515-6518-00	515651800	Plunger/Link/Crank RH N/S
515-6526-00	-	Arm Weld Assy for Sega
515-6557-00	515-6557	Shooter Rod for Stern
515-7153-00	-	Motor Assy for Stern High Roller
515-7203-00	-	Right Flipper Plunger & Pawl Assy w/Shorter Plunger for Stern
515-7203-01	-	Left Flipper Plunger & Pawl Assy w/Shorter Plunger for Stern
515-7257-00	-	Stern Actuator, Right
515-7257-01	-	Stern Actuator, Left
515-7558-00	-	Motor Assy for Stern Simpsons Pinball
520-0097-00	520-0097	Sensor PCB Wacky and Cosmos
520-5055-03	-	Display Control Board for Stern Simpsons
520-5138-00	-	Display Power Supply Board
520-5173-00	-	Stern Dual Opto Transmitter
520-5174-00	-	Dual Opto Receiver for Stern
520-5252-04	-	4-Opto Board for Stern World Poker Tour
545-5070	545-5070-00	Flipper Bushing for DE
545-5388-00	545-5388	Coil Sleeve for Stern
545-5533-01	-	Rollover Drop Target for DE
545-5609-00	545-5609	Yoke Fibre
545-5912-00	-	Clear Dome for Stern Titanic Redemption
803-5000-94	-	Plastics Screened & Clear Guide f/Spiderman

PINBALL REPLACEMENT PARTS FOR WILLIAMS GAMES



20-9250-6



25-1326-00



236579



49-0587-00



A-12390



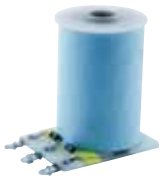
A17050L



A17050R



A15847



FI-11630-50V

Part Number	Description
01-4251	Fiber Outhole Link
01-8065	Shuffle Alley Front Molding Long Stroke
037066	Coil Sleeve 1-3/4" AE23800
0370665	Flipper Coil Sleeve 2-3/16"
03-7067	Coil sleeve with flange 1-7/8"
03-8050-01	Flipper link, gray
03-8319-09	Post Red
03-8750	Drop Target Millionaire
10-135	Spring
10-376	Flipper spring
11-7357	Nylon shooter sleeve
122C0001	Flipper bushing
12-6801	Clip coin mechanism retainer
178400-001	Ball for Hoop It Up - Orange
20-9250-5	Flipper and shaft assembly, white
20-9250-6	Flipper and shaft assembly, yellow
20-9253-7	Ball shooter rod with black knob
21-6645-1	Shooter Rod Housing
23-6556	Black Rubber Sleeve (Thin)
236579	3/4" Yellow Tapered Rubber Bumper
25-1018-01	White rubber ring 7/32"
25-1326-00	Barrel Spring
27-1037	Coin eject button
27-1061	Coin Return Bezel
31-1445.1	Bowling pin for shuffle alley
4322-01125-40	Leg Bolt
4700-00051-00	Washer ball Shooter
49-0587-00	1-1/16" Pinball
50-2033-05	Yellow rubber bumper 1/2" OD, .260 ID
515-5097-00	Bushing Flipper Link
545-5197-00	Bumper Body
545-5609-00	Armature Link
5100-09690-00	35 Amp Bridge
5163-14114-00	Photo Transistor
5490-10159-00	Opto Interrupter S1945
5490-12451-00	Opto Interrupter S1865
5671-12731	Infra Red LED Diode
5881-09021-00	Battery holder for MPU (3 “AAA” batteries)

Part Number	Description
91-0950-00	Socket (Push and Turn)
95-0086-00	Generic Ball Shooter Assembly
95-0328-00	Tilt Bob
95-0693-00	Switch 5647-12693-31
95-0984-00	Kicker Assembly with coil & bracket A-15708
95-4327-00	Flipper switch double contact (replaces SW1010A-13)
95-4328-00	Cabinet Switch
95-4330-00	End of Stroke Switch Stacked
96-0309-00	Plugs
A-12390	Coil stop
A-13524-1	Flipper Kit
A-14231	Opto LED Transmitter Green
A-14690-4-P	Target Stationary Red
A-19514	Leg, Chrome
A-4754	Rod and ring for thumper bumper
A15847	Plunger and link
A15848L	Plunger, link and pawl assembly, left
A15848R	Plunger, link and pawl assembly, right
A-15849-L-2	Flipper Assembly Blue Coil
A17050L	Flipper Crand Assembly
A17050R	Flipper crank assembly for World Cup Soccer
A-19514	Leg Assembly Chrome Leg
A-4754	Rod and Ring
A-6306-2	Plunger for Ball Kicker
AE23800	Coil
AE-24-900	Coil
AE-25-1000	Coil Assembly
AF25-500/28-100	Bally coil
AQ25-500/34-5050	Bally flipper coil
B-13104-L	Flipper Base Left Terminator
B-13104-R	Flipper Base Right Terminator
FL11629	Coil
FL11630-50V	Coil
FL-11722	Flipper coil
FL-11753	Flipper coil
SA-23-850-DC	Coil
SFL19400/30750	Flipper coil
SW1A194	End of stroke switch

MR. PINBALL PINBALL LIST & PRICE GUIDE



- This publication contains important information about all pinball machines made since the flipper was invented in 1947. This is the most popular list among serious pinball machine collectors.
- Updated pricing / value information
- Contains four sections:
  - Flipper pinball machines sorted alphabetically by machine name
  - Flipper pinball machines sorted chronologically by manufacturer
  - Baseball pinball machines sorted alphabetically by name
  - Bingo pinball machines sorted alphabetically by name
- All sections provide information about each type of machine, usually including name, manufacturer, date released, number of players, distinguishing features, production numbers, and value.
- This is the most comprehensive and accurate list available.
- Wire bound, 8.5" x 5.5", 266 pages perfect for carrying with you everywhere
- Editions are updated yearly, so be sure to get the latest edition

Part Number	Description
27-1597-00	2011 21st Edition Mr. Pinball Machine List & Price Guide

HEAVY-DUTY PINBALL CART



- Lower height design, to fit under all types of Pinball Machines
- Gas filled cylinder, will not leak when lift is placed upon it's side
- Wider pivot point to eliminate "wobble" when moving equipment
- High quality Nylon locking nuts provide ease of maintenance
- Durable MIG welded Canadian 1/8" steel
- 4 Heavy-duty swivel casters, 275 lbs. capacity each, individually replaceable
- Lift height: 26"
- Physical Size: 16" Wide x 4' long x 19.5" High
- Load Capacity: 600 lbs.
- Shipping Weight: 75 lbs
- This item has to be shipped by truck to avoid damage
- Durable Black Powder Coated Surface

Part Number	Description
33-1114-10	Heavy-Duty Pinball Cart

PLAYFIELD CLEANERS & POLISHES

Novus Cleaner & Polish



- Cleans and protects playfield surface for long life
- Special formula removes light to heavy scratches in playfields and plexiglass
- Recommended by major pinball manufacturers

Mills Pinball Playfield Wax & Cleaner



- Excellent one step non-abrasive playfield wax and cleaner
- Great cleaner for rubber rings
- 16 oz. squeeze btl.,12 per case

Wildcat #125 Playfield Cleaner & Polish



- Excellent in cleaning pinball playfields
- Excellent for removing and cleaning up wax buildup in vending machines "price tab holders"
- New style bottle prevents evaporation
- 12 per case

Gemini CP-100 playfield Cleaner & Polish



- Excellent for playfields, pool balls, rubber rings, etc.

Part Number	Description
NOVUS CLEANER & POLISH	
25-1328-00	Novus #1, 8 oz. bottle, 24 per case
25-1329-00	Novus #2, 8 oz. bottle, 24 per case
25-1334-00	Novus #3, 8 oz. bottle, 24 per case
25-1330-00	Novus #1, 64 oz. bottle, 12 per case
25-1331-00	Novus #2, 64 oz. bottle, 12 per case
MILLS PINBALL PLAYFIELD WAX & CLEANER	
29-1040-00	Mills Pinball Playfield Wax & Cleaner
WILDCAT #125 PLAYFIELD CLEANER & POLISH	
25-1333-00	Cleaner & Polish (Pint Size)
GEMINI CP-100 PLAYFIELD CLEANER & POLISH	
29-1095-00	Cleaner & Polish (16 oz), 12 per case
29-1051-00	Cleaner & Polish (8 oz), 24 per case

PINBALL MACHINE CARE GUIDE



- New expanded 2nd Edition!
- This useful pinball guide book by Bernard Kamoroff covers a large range of topics from the history of pinball to buying a pinball machine
- Over 100 pages; A must have for every pinball collector or enthusiast
- A wealth of valuable information and step-by-step help
- Packed with tips and clear instructions
- Covers electro-mechanical & solid state machines
- Novice or a Professionals will want this book in their library
- Makes a perfect gift for the pinball enthusiast

Part Number	Description
27-0099-00	Pinball Machine Care and Maintenance

ECONOMY SINGLE BITTED LOCKS

- Used on most types of coin-operated equipment
- Economical single-bitted, 5-disc, tumbler lock
- Great for O.E.M. applications or as a general replacement lock
- Strong, dependable die-cast construction
- 90 degree turn that allows the key to be removed only in the locked position
- Keyed different locks come with 2 keys per lock and a 1-1/4" straight cam
- Keyed alike locks come with 1 key per lock and a 1-1/4" straight cam



Part Number	Length	Keying	Key #
30-2224-XXX	5/8"	Keyed Alike	New #
30-2224-KD	5/8"	Keyed Different	-
30-2224-631	5/8"	House Keyed Alike	631
30-2224-679	5/8"	House Keyed Alike	679
30-2224-695	5/8"	House Keyed Alike	695
30-3141-KD	7/8"	Keyed Different	-
078KD	7/8"	Keyed Different	-
30-3142-220	7/8"	Keyed Alike	220
30-3142-E002	7/8"	Keyed Alike	E002
30-2225-631	7/8"	House Keyed Alike	631
30-2225-641	7/8"	House Keyed Alike	641
30-2225-644	7/8"	House Keyed Alike	644
30-2225-679	7/8"	House Keyed Alike	679
30-2225-695	7/8"	House Keyed Alike	695
30-4720-SB96	7/8"	House Keyed Alike	SB96
30-4721-SB97	7/8"	House Keyed Alike	SB97
30-4723-SB99	7/8"	House Keyed Alike	SB99
118KD	1-1/8"	Keyed Different	-
30-3143-KD	1-1/8"	Keyed Different	-
118KS220	1-1/8"	Keyed Alike	220
30-3144-E002	1-1/8"	Keyed Alike	E002
30-2226-631	1-1/8"	House Keyed Alike	631
30-2226-641	1-1/8"	House Keyed Alike	641
30-2226-644	1-1/8"	House Keyed Alike	644
30-2226-679	1-1/8"	House Keyed Alike	679
30-2226-695	1-1/8"	House Keyed Alike	695
30-4724-SB96	1-1/8"	House Keyed Alike	SB96
30-4725-SB97	1-1/8"	House Keyed Alike	SB97
30-3144-SB99	1-1/8"	House Keyed Alike	SB99
30-3156-XXX	-	Keys Only, for K.A. Locks	

MINIMUM LOCK ORDER POLICY

For Cam Type or Inner Cylinder Locks
New keyed alike series: Minimum 25 locks
Reorders of keyed alike locks: Minimum 10 locks

ECONOMY DOUBLE BITTED LOCKS

- High quality, double-bitted 6-disc tumbler locks provide added security
- 1-1/4" straight star cam locks in any position
- Utilizes a screw, not a nut
- 90 degree turn with a 12-3 key pull
- Ships complete, poly bagged and assembled with 2 keys
- Keyed alike
- Unique registered codes available upon request, 5,000 piece minimum quantity



Part Number	Length	Keying
30-2224-A05	5/8"	Lock Assembly (A05)
30-2224-B10	5/8"	Lock Assembly (B10)
30-2224-C15	5/8"	Lock Assembly (C15)
30-2224-D20	5/8"	Lock Assembly (D20)
30-2225-A05	7/8"	Lock Assembly (A05)
30-2225-B10	7/8"	Lock Assembly (B10)
30-2225-C15	7/8"	Lock Assembly (C15)
30-2225-D20	7/8"	Lock Assembly (D20)
30-2226-A05	1-1/8"	Lock Assembly (A05)
30-2226-B10	1-1/8"	Lock Assembly (B10)
30-2226-C15	1-1/8"	Lock Assembly (C15)
30-2226-D20	1-1/8"	Lock Assembly (D20)
30-0440-18	1-1/8"	Spare Cam with 1/8" offset

DOUBLE BITTED LOCKS

- Double bitted locks offer a higher security than single bitted locks
- High-quality, bright finish die-cast metal construction
- Key turns 90 degrees
- Key may be removed only in the locked position
- Keyed Different locks come with 2 keys per lock and a 1-1/4" straight cam
- Keyed Alike locks come with 1 key per lock and a 1-1/4" straight cam



Part Number	Length	Keying	Key #
30-3146-XXX	7/8"	Keyed Alike (Fort Brand)	New #
30-3145-KD	7/8"	Keyed Different (Import Brand)	-
30-3148-XXX	1-1/8"	Keyed Alike (Fort Brand)	New #
30-3147-KD	1-1/8"	Keyed Different (Import Brand)	-
30-3149-XXX		Keys Only, for Keyed Alike Locks	

VENIA HIGH SECURITY CAM LOCKS

New



- 14-pin high security locks
- Brass housing with high quality spindle
- Chrome finish
- Nickel silver key for durability
- Keyed alike or keyed different
- Keyed different locks are supplied with 2 keys per lock
- Keys for keyed alike locks are sold separately
- Protective collar and cam included
- 1-1/4" cam included

Part Number	Length	Keying
30-1800-KD	5/8" (16mm)	Keyed Different
30-1800-V1058	5/8" (16mm)	Keyed Alike
30-1802-KD	7/8" (22.3mm)	Keyed Different
30-1802-V1078	7/8" (22.3mm)	Keyed Alike
30-1804-KD	1-1/8" (28.6mm)	Keyed Different
30-1804-V1118	1-1/8" (28.6mm)	Keyed Alike
30-1810-10	Keys Only For Keyed Alike Locks	

VENIA HIGH SECURITY SWITCH LOCKS

New



- 14-pin high security locks
- Length 1-7/16" (36.4mm)
- Brass housing with high quality spindle
- Chrome finish
- Nickel silver key for durability
- Keyed alike or keyed different
- Keyed different locks are supplied with 2 keys per lock
- Keys for keyed alike locks are sold separately
- Protective collar and cam included

Part Number	Description
30-1838-KD	Venia On/Off Switch Lock, Keyed Different
30-1838-VS2	Venia On/Off Switch Lock, Keyed Alike
30-1839-KD	Venia Momentary Auto Return Switch Lock, Keyed Different
30-1839-VS20	Venia Momentary Auto Return Switch Lock, Keyed Alike

MAGIC LOCKS

New



- Gematic type lock
- The Magic Lock is a high-security, 'top of the line' lock with a 8-Pin tumbler mechanism.
- Programmable combinations allow you to change the combinations, on the spot, in just seconds.
- Saves replacing the entire lock in case a key is lost or stolen.
- Magic locks consist of 8 different lock combinations
- Comes with 1-1/4" straight cam
- A red finished change key makes identification easy
- Operating keys and Change keys must be ordered separately

Part Number	Length	Keying
30-1700-XXX	5/8"	Keyed Alike
30-1702-XXX	7/8"	Keyed Alike
30-1704-XXX	1-1/8"	Keyed Alike
30-1708-XXX	Inner Cylinder	Keyed Alike
30-1726-XXX	Operating Keys, #1 thru #8	
30-1724-XXX	Change Key	

GEMATIC TYPE LOCKS



- This high-security, 'top of the line' lock has an 8-Pin tumbler mechanism
- Programmable combinations allow you to change the combinations, on the spot, in just seconds.
- Saves replacing the entire lock in case a key is lost or stolen.
- Gematic type locks consist of 8 different lock combinations
- Comes with 1-1/4" straight cam
- A gold finished change key makes identification easy
- Operating keys and Change keys must be ordered separately



Part Number	Length	Keying
30-1600-XXX	5/8"	Keyed Alike
30-1602-XXX	7/8"	Keyed Alike
30-1604-XXX	1-1/8"	Keyed Alike
30-1608-XXX	Inner Cylinder	Keyed Alike
30-1626-XXX	Keys, #1 thru #8	
30-1624-XXX	Change Key	

MINIMUM LOCK ORDER POLICY

For Cam Type or Inner Cylinder Locks
New keyed alike series: Minimum 25 locks
Reorders of keyed alike locks: Minimum 10 locks

SUZO-HAPP 7 PIN TUMBLER LOCKS

- 7-pin tumbler locks provide high security
- Bright chrome finish
- 90 degree turn
- Key can only be removed in the locked position
- Keyed Different locks come with 2 keys per lock and a 1-1/4" straight double D/double ended cam
- Keyed Alike locks come with a 1-1/4" straight double D/double ended cam
- Keys for Keyed Alike locks must be purchased separately
- Locks can be keyed to your existing 7 pin tubular key. Must send sample key
- Most Keyed Alike lock orders can be shipped within 48 hours
- For your added protection, any code issued by Suzo-Happ can be restricted in our computer system exclusively to your company





INNER CYLINDER

Part Number	Length	Keying	Key #
30-2201-XXX	5/8"	Keyed Alike	New #
30-2202-KD	5/8"	Keyed Different	-
30-2203-XXX	7/8"	Keyed Alike	New #
30-2203-KD	7/8"	Keyed Different	-
30-2206-XXX	1-1/8"	Keyed Alike	New #
30-2207-KD	1-1/8"	Keyed Different	-
30-2210-XXX	Keys only for keyed alike locks		
*Note: 3/8" Also Available			
Inner Cylinder (I.C.)			
30-2481-KD	I.C. Keyed Different		
30-2210-XXX	Keys only for keyed alike locks		
*Note: We can also re-key your existing locks			

KEYLESS THUMB TURN CAM LOCKS

- Useful for shipping coin-op cabinets to prevent door from opening in transit
- 90˚ (1/4 turn) rotation to lock/unlock
- Nickel finish zinc alloy housing and handle
- Includes hex nut, cam nut and cam
- Double punched 1-1/4" straight cam allows fitting at 3, 6, 9, or 12 o'clock position
- Available in 5/8" or 7/8" cylinder lengths





Part Number	Description
30-0325-00	5/8" Length Keyless Cam Lock
30-0324-00	7/8" Length Keyless Cam Lock
30-0233-00	1-1/8" Length Keyless Cam Lock

SWITCH LOCKS

- Key is removable in OFF position only
- Momentary or ON/OFF available
- Double bitted keys are keyed alike #2341 with 2 keys per lock
- Spade terminals
- Barrel length: 1.0635"
- Overall length 2.03"
- 4 amps/125VAC, amps/250VAC



Part Number	Description
30-1086-00	Momentary Switch Lock Key is removable only in the OFF position
30-1086-01	On/Off Switch Lock Key is removable only in the OFF position

DUO CAM LOCKS, TRIPLE BITTED

- High security, 14 tumbler mechanism
- For existing key series, see your sales representative
- Keyed Different locks come with 2 keys per lock and a 1-1/4" straight cam
- Keyed Alike locks come with a 1-1/4" straight cam
- Keys must be purchased separately for Keyed Alike locks





INNER CYLINDER

Part Number	Length	Keying
30-1134-XXX	5/8"	Keyed Alike
30-1134-KD	5/8"	Keyed Different
30-1138-KD	7/8"	Keyed Different
30-1142-KD	1-1/8"	Keyed Different
30-1898-XXX	Inner Cylinder	Keyed Alike
30-1898-KD	Inner Cylinder	Keyed Different



COLOR CODED LOCK RINGS

- Made from durable plastic
- Identify which series of locks are your machines with the Happ color coded lock rings
- Sold in packs of 25
- Fits tubular key type locks and switch locks
- Now you can color code each route to a different color





Part Number	Description
110-0022-2	Color Coded Lock Ring - Red
110-0022-3	Color Coded Lock Ring - Orange
110-0022-4	Color Coded Lock Ring - Yellow
110-0022-5	Color Coded Lock Ring - Green
110-0022-6	Color Coded Lock Ring - Blue
110-0022-8	Color Coded Lock Ring - Grey
110-0022-9	Color Coded Lock Ring - White
110-0022	Color Coded Lock Ring - Black

SECURITY RINGS

- Protective collars
- These rings offer protection from grabbing lock heads with pliers and other tools
- Hardened nickel plated steel



Part Number	Take-Up	Depth
30-0169-00	3/16"	1/2"
30-0169-10	1/16"	1/4"

LOCK SPACER COLLARS

- Take-up rings for standard 3/4" diameter lock barrel
- Zinc plated steel
- 7 popular sizes



Part Number	Description
30-2002-00	1/8" Lock Spacer Collar
30-2004-00	1/16" Lock Spacer Collar
30-2005-00	3/32" Lock Spacer Collar
30-2006-00	1/4" Lock Spacer Collar
30-2008-00	3/8" Lock Spacer Collar
30-2009-00	7/16" Lock Spacer Collar
30-2010-00	1/2" Lock Spacer Collar

SHOWCASE SLIDING LOCK ASSEMBLY

- Includes: 2 one-way bars, lock assembly and two keys
- Keyed alike, key # 221
- Works with wood or glass
- 90˚ key turn to open
- Key is removable at 12:00 & 3:00 positions
- Removable cylinder for re-keying
- Anti-spread housing
- Manufactured by National Cabinet Lock
- Other key codes available



Part Number	Description
30-2194-221	Showcase Sliding Lock Assembly
30-2194-ES202	Showcase Sliding Lock Assembly

REPLACEMENT CAMS FOR ACE, GEM & GEMATIC LOCKS



STRAIGHT



DOUBLE ENDED



OFFSET

Part Number	Type	Length	Offset
30-1037-00	Straight	1"	-
30-1525-000	Straight	1-1/8"	-
42-0440-00	Straight	1-1/4"/Double D	-
30-1813-00	Straight	1-5/16"	(Center Hole)
30-1527-000	Straight	1-1/2"	-
30-1076-00	Straight	1-5/8"	-
30-1075-00	Straight	1-5/8"	(Center Hole)
30-1528-000	Straight	1-3/4"	-
30-2115-00	Straight	2"	-
30-1035-00	Straight	2 1/4"	-
30-3803-40	Straight	2 1/2"	-
30-1110-00	Offset	1-1/8"	1/8"
30-1021-00	Offset	1-1/8"	3/8"
30-1111-00	Offset	1-1/4"	1/4"
30-1536-000	Offset	1-5/8"	1/4"
30-1117-00	Offset	1-5/8"	7/16"
30-3804-00	Offset	2"	1/4"

MINIMUM LOCK ORDER POLICY

For Cam Type or Inner Cylinder Locks
New keyed alike series: Minimum 25 locks
Reorders of keyed alike locks: Minimum 10 locks

7-PIN TUMBLER LOCKS

- 1 Key Per Lock
- Keyed Alike
- Keys Sold Separately



Part Number	Length	Key #
078RDE0001	7/8"	E000001
078RDE0002	7/8"	E000002
078RDE0004	7/8"	E000004
078RDE0007	7/8"	E000007
078RDE0008	7/8"	E000008
078RDE0010	7/8"	E000010
118RDE0001	1-1/8"	E000001
118RDE0002	1-1/8"	E000002
118RDE0007	1-1/8"	E000007
118RDE0008	1-1/8"	E000008
118RDE0010	1-1/8"	E000010

DUO LOCK CAMS



STRAIGHT OFFSET

Part Number	Type	Length	Offset
30-1191-100	Straight	1"	-
30-1192-1250	Straight	1-1/4"	-
30-1440-00	Straight	1-1/2"	-
30-1192-1750	Straight	1-3/4"	-
30-1195-11250S	Offset In	1-1/8"	5/16"
30-1870-00	Offset In	1-1/4"	1/4"
30-1871-1250S	Offset Out	1-1/4"	1/4"

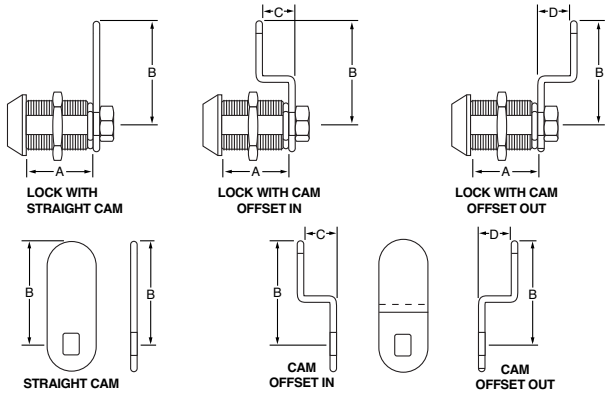
LOCK CAM ADAPTERS



30-1106-00 30-2003-00

Part Number	Description
30-1106-00	Cam Lock Adapter converts Chicago Cam to Ace, Abloy, Gem, or Medeco
30-2003-00	Cam Lock Adapter converts Fort Cam to Ace, Abloy, Gem, or Medeco

HOW TO MEASURE CAMS & CAM LOCKS



A dimension is the cylinder length. Measure from the back of the lock head to the front of the cam.

B dimension is the cam length. Measure from center of cam hole to tip of cam.

C or **D** dimension is the cam offset.

REPLACEMENT CAMS FOR FORT LOCKS



STRAIGHT OFFSET

Part Number	Type	Length	Offset
30-1863-00	Straight	1"	-
30-1864-00	Straight	1-1/4"	-
30-4901-60	Straight	1-1/2"	-
30-1866-00	Straight	1-3/4"	-
30-1867-00	Straight	2"	-
30-1534-000	Offset	1"	1/4"
30-1113-00	Offset	1-1/2"	3/8"
30-2227-00	Offset	1-1/8"	1/4"
30-2227-01	Offset	1-3/8"	1/4"
30-2227-02	Offset	1-1/2"	1/4"

90 DEGREE CAM STOP FOR ACE LOCKS

- Stops the key in the 90 degree position
- Key is removable only in the locked position
- Minimum order 12



Part Number	Description
30-1802-00	Stop Cam, 90 Degree turn

REPLACEMENT NUT FOR GEM-GEMATIC LOCKS



Part Number	Description
30-2287-00	Gem-Gematic Cam Nut

RETRACT-A-BADGE ID CARDHOLDER

- Great for holding security ID cards
- Adds user friendly efficiency to High-tech security
- Steel clip on back allows for easy attachment without damage to clothing
- 30" retractable nylon cord easily allows badge to be extended and swiped without removing
- Construction: 1-3/16" diameter plastic case, steel clip, 30" nylon cord and vinyl snap-closure cardholder





Part Number	Description
30-0142-00	Retract-A-Badge (Black)

DELUXE MINI BAK ID CARDHOLDER

- Great for holding security ID badges
- Unique twist-free design prevents "spinning", so badge always faces front
- Patented design for extra security
- Clips on, will not damage clothing
- Strong metal swivel clip on back allows ease of use
- Tested to over 180,000 retractions; lasts four times longer
- Color: Dark Blue
- Made in the USA
- Construction: plastic case, steel clip, 36" nylon cord and vinyl strap with snap
- Size: 1-3/16" W x 1-3/8" H x 1/4"D





Part Number	Description
30-0145-01	Deluxe Mini-Bak ID Cardholder, Black

CHROME KEY RINGS

- Quality chrome finish
- Various sizes available



Part Number	I.D.
30-0094-00	1-1/8"
30-0099-00	1-1/2"
30-0100-00	1-3/4"

KEY-BAK MODEL 6 KEY REEL

New

- Mid size self retracting reel is less than 1-3/4" in diameter
- Perfect for about 6 keys or a 6 oz. tool
- Hold a flashlight, pocket knife, tool or any other small item you need to keep secure and ready for use
- Black polycarbonate high strength case
- Strong nylon cable extends 36"
- 360 degree rotating steel belt clip



Part Number	Description
30-0101-18	Key-Bak Model 6 Key Reel

KEY-BAK KEY REEL WITH LEATHER TOOL POUCH

- Heavy-duty tool pouch, keep tools & key handy
- Ideal for building maintenance staff
- Unit comes with the original "Key-Bak" key reel
- Precision made for years of trouble free use
- Uses standard 24" steel chain or standard 48" Kevlar cord
- Limited life time warranty on the mechanism



Part Number	Description
30-0101-12	Key-Bak Key Reel w/Leather Tool Pouch, Kevlar Version

KEY-BAK™ SECURIT® RETRACTOR

- Designed to keep keys, flashlights, small hand tools, etc. secure and handy
- All weather, all purpose retractor with tough Kevlar Cord (extends 48")
- 8 oz. Retraction force, tested in excess of 100,000 extension cycles
- Robust case fabricated of durable polycarbonate material
- Backed by a Lifetime Service Policy
- Custom versions available
- Made in the U.S.A.



Part Number	Description
30-0105-00	Key-Bak SecurIt Greer Reel Retractor

KEY-BAK KEY PROTECTOR WITH BELT CARRIER

New



30-0436-00 LEATHER



30-0466-00 NYLON





- Protects keys from being stolen or photographed
- Also silences keys
- Leather or nylon protector
- Keys can be snapped on and off belt
- 90 degree rotation needed for keys to be removed
- 1-1/4" black split ring with lockable feature
- 2-1/4" belt loop

Part Number	Description
30-0436-00	Leather Key-Bak Key Protector
30-0466-00	Nylon Key-Bak Key Protector

KEY-BAK KEY PROTECTOR WITH KEY REEL

New



30-0379-00 LEATHER



30-0407-00 NYLON





- Protects keys from being stolen or photographed
- Also silences keys
- Leather or nylon protector
- Key reel has black vinyl front
- 36" Kevlar cord
- Holds 13-15 oz
- 1-1/8" split ring
- 2-1/4" belt loop

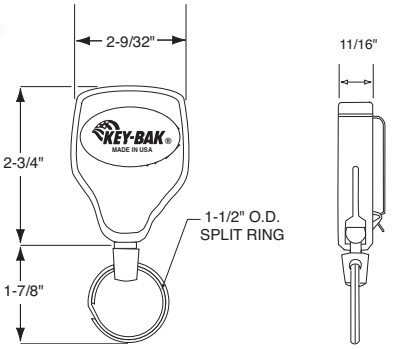
Part Number	Description
30-0379-00	Leather Key-Bak Key Protector
30-0407-00	Nylon Key-Bak Key Protector



KEY-BAK SUPER 48 KEY REEL

- Polycarbonate high strength case
- Dust shield keeps interior clean
- Kevlar cable is stronger but lighter than chain and is smooth in action
- Clip/Loop attachment allows dual functionality
- Clip design similar to pistol holsters; meets penal “anti-snatch” rules
- Carries up to 5 times the weight of other retractors
- All black design, high-tech look
- Oversize split ring is standard for larger load
- Corrosion proof for long service life





Part Number	Description
30-0101-01	Super 48 Key Reel with Kevlar Cable
30-0101-002	Super 48 Key Reel with Steel Cable



KEY-BAK SUPER 48 LE FOR SECURITY PROFESSIONALS

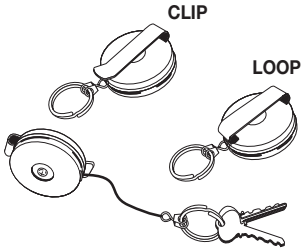
- For uniformed law enforcement professionals such as Sheriffs and Police
- Leather belt loop on back fits a standard 2.75" wide Sam Browne duty belt
- Polycarbonate high strength case
- Dust shield keeps interior clean and prolongs service life
- Extension member of stainless steel cable with tough nylon jacket or Kevlar cable available
- Loop design meets penal “anti-snatch” rules
- Carries up to 5 times the weight of other retractors
- All black design offers high-tech look
- Oversize split ring is standard for larger load
- Corrosion proof for long service life





Part Number	Description
30-0101-03	Key-Bak Super 48 LE with Stainless Steel Cable
30-0101-08	Key-Bak Super 48 LE with Kevlar Cable

KEY-BAK KEY REEL





Key-bak with Chain

- Clips-On style or belt loop style
- Chrome case
- 24" stainless steel chain
- Swivels to prevent chain twisting

Key-bak with Cable

- Rugged steel case is only 2" dia.
- 48" stainless steel cable with 95 lb. breaking strength
- Cable is 7 x 7 strand nylon jacketed construction
- Belt loop or Clip mount style available

Part Number	Description
30-1951-00	Clip on Style with Chain
30-0104-00	Belt Loop Style with Chain
30-0101-00	Clip on Style with Cable
30-0102-00	Belt Loop Style with Cable

SECURE-A-KEY

- Eliminates wear and tear on pockets
- Keeps keys readily available
- Simply clip SECURE-A-KEY to your belt and snap key ring on
- Made of stainless steel, will not rust or discolor



Part Number	Description
30-0138-00	Secure-A-Key

KEY-BAK SLIDE BELT KEY CARRIER

- Ideal for slot techs, game room attendants, locksmiths, security personal
- Very secure belt loop style with key ring
- Handy and convenient
- Eliminates pocket wear



Part Number	Description
30-0095-10	Key-Bak Slide Belt Key Carrier

QUICK RELEASE KEY RING

- A simple, convenient way to organize your keys
- Makes it easy to separate work keys from other keys
- Easily separates into two key rings
- Compact and strong
- Bright nickel plate finish



Part Number	Description
30-0136-00	Quick Release Key Ring

SPRING SNAP FOR KEYS

- Swivels for easy use
- Zinc plated
- 4-3/8" Overall length, 3/4" wide



Part Number	Description
30-0097-00	Spring Snap For Keys

HEAVY DUTY CHOKER CHAINS

- 24" long
- 12 per master carton



Part Number	Description
30-0083-00	Heavy-Duty Choker Chains

SASH CHAIN

- Great for key chains
- Trade size #25
- Sold per foot
- 100 ft. per box





Part Number	Description
30-0092-00	Blue Chrome

SNAP HOOK KEY RING

- Heavy-duty steel
- Chrome finish



Part Number	Description
30-0096-00	Snap Hook Key Ring

WRIST COIL WITH RING

- Superior quality coil always springs back, never loses its shape
- Fits comfortably on wrist
- 7/8" nickel plated tempered steel split ring
- Assorted colors: black, dark blue, teal, purple, red and white
- Coil measures 2" in diameter; stretches to more than 12" in diameter



Part Number	Description
30-0202-00	Wrist Coil with Ring

SNAP HOOK AND KEY RING WITH COIL



- Great for slot technicians or for use with player tracking cards
- Plastic snap hook easily hooks on belt loops or clothing
- Long 20" vinyl coated coil expands to approximately 5 times its size
- Metal key ring on end for keys or player tracking cards
- Color: Black

Part Number	Description
30-0099-01	Snap Hook and Key Ring with Coil

SPUR WASHER

- Prevents the cam assembly from turning when installed in a round hole
- Two (2) 3/16" diameter holes
- Minimum order 10 pcs.
- For wood installation



Part Number	Description
30-1966-00	Spur Washer for Wood Installation

PUCK LOCK HASP

- Tough security for your Cold Can Drink Machines
- Prevents thieves from prying, hammering or twisting the padlock
- Extremely heavy duty 1/4" steel hasp with inside reinforcement brackets
- Ideal for the Puck Lock style padlock



PUCK READY

- 7-1/2" x 4-1/2" x 1/4" front puck lock bracket with welded cup to protect the padlock from vandalism
- 11" x 2" x 1/4" side mount offset bar
- Obscure, durable black powder coat paint
- Includes mounting hardware
- Drilling required for the mounting hardware

Part Number	Description
30-0186-00	Puck Lock Hasp

GUARDED HASP, BY MASTER LOCK

- Ideal for vans, trucks, gates and vending and amusement equipment
- Prevents thieves from prying, hammering or twisting the padlock
- Defeats attempts to pry and cut
- Hardened solid steel lock body withstands forcible attacks
- 2 pieces hasp



PUCK READY

Master Lock

Part Number	Description
30-0174-00	Guarded Hasp, By Master Lock

ANCHOR PLATES

- Prevents lock and cam assembly from turning when installed in a round hole
- For metal or wood installation
- Minimum order 10
- Size: 2-3/16" L x 1-1/4" W x 3/32" Thick
- .640 hole



Part Number	Description
30-1965-00	Anchor Plate

AMERICAN SERIES 2000 PUCK LOCK

AMERICAN LOCK

- "The Locksmith's Lock"
- Patented shackleless body with solid one piece chrome finish case
- Maximum security 6 pin tumbler cylinder
- 1-1/2" Thick x 2-7/8" dia. case
- 13/32" steel locking rod
- Keyed Alike, 2 keys per lock



Part Number	Description	Keying
30-1016-XXX	Series 2000 Puck Lock	Keyed Alike
30-1015-XXX	Series 2000 Puck Lock	Keyed Different

"AMERICAN" PROFESSIONAL H-10 PADLOCK

AMERICAN LOCK

- Solid steel body (hardened)
- Case hardened steel shackle
- Case diameter: 2"
- Shackle clearance: 1-1/16"
- Overall Height: 3-1/2"
- Shackle diameter: 7/16"
- Keyed Alike, 2 keys per lock



Part Number	Description
30-1000-XXX	Professional H-10 Padlock

FEDERAL 1000 SERIES PADLOCK

FEDERAL LOCK COMPANY

- Hardened steel shackle
- Stainless steel lock body
- 4-pin tumbler
- Protected shackle
- Brass cylinder
- Deadbolt double locks
- 3/8" shackle diameter
- 2 keys per lock
- Keyed alike



Part Number	Description
30-2327-XXX	Federal 1000 Series Padlock

ABUS PADLOCK

ABUS

- Smaller sized, keyed alike padlock for use in low security areas where there is still a need to lock up
- 1" x 1-1/8" x 1/2" brass case
- 3/8" case hardened shackle
- 1/2" shackle clearance
- Keyed Alike, 2 keys per lock



Part Number	Description
30-1560-00	House Abus Padlock Keyed Alike

MASTER LOCK #1 PADLOCK

- Reinforced 1-3/4" wide laminated steel body
- Hardened 5/16" diameter steel shackle
- 7/8" shackle clearance
- Precision 4-pin tumbler cylinder
- Dual independent locking levers
- Rustproofed for external wear
- 2 keys furnished per lock



Part Number	Description
30-1210-XXX	Master #1, Keyed Alike
30-1209-000	Master #1, Keyed Different

MASTER LOCK #3 PADLOCK

- Reinforced 1-1/2" wide laminated steel body
- Hardened 9/32" diameter steel shackle, 3/4" clearance
- Precision 4-pin tumbler cylinder
- Dual independent locking levers
- Cadmium Rustproofed for external wear
- 2 keys furnished per lock



Part Number	Description
30-1207-000	Master #3, Keyed Different

MASTER LOCK #5 PADLOCK

- Reinforced 2" wide laminated steel body
- Hardened 3/8" diameter steel shackle
- 1" shackle clearance
- Precision 4-pin tumbler cylinder
- Dual independent locking levers
- Rustproofed for external wear
- 2 keys furnished per lock



Part Number	Description
30-1212-XXX	Master #5, Keyed Alike
30-1211-000	Master #5, Keyed Different

MASTER LOCK #7 PADLOCK

- Strong 1-1/8" wide laminated steel case
- 3/16" shackle, 9/16" clearance
- Precision pin tumbler locking mechanism
- Cadmium rustproofed for external wear
- 2 keys furnished per lock



Part Number	Description
30-1206-XXX	Master #7, Keyed Alike
30-1205-000	Master #7, Keyed Different

CASE HARDENED SOLID STEEL HASPS



#825



#535

- Solid steel materials
- Recessed concealed screws
- All mounting hardware included

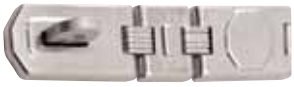
Part Number	Description
30-1185-000	#825 Straight Bar Hasp
30-1186-000	#535 Centered Hole Hasp

FLEX-O-HASP

- Heavy wrought steel
- Multi-purpose
- Top security



#875



#885

Part Number	Description
30-1188-000	#875 Single Link Hasp
30-1189-000	#885 Double Link Hasp

STEEL SECURITY BAR

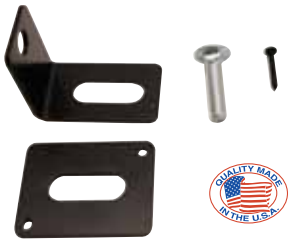
- Protects cashbox on Over/Under Coin Door and Over/Under Validator Door
- Heavy, plated steel
- Secured with padlock (not included)



Part Number	Description
42-0431-00	Steel Security Bar

HIDDEN SECURITY BAR HASP

- Used on 8-line or Redemption cabinets
- Mounts inside the cabinet
- Padlock hangs flush to the cabinet
- Low visibility
- Includes mounting hardware
- Made in USA



Part Number	Description
30-0317-00	Hidden Security Bar Hasp

HASP FOR MERIT UPRIGHT GAMES



- Welded hinge prevents pin removal
- No eyebolts exposed
- Hardware included
- Made in USA
- Size: 12" L x 2" W x 3/16" thick
- Single bar with hidden hinge and a protective cover for your padlock
- Made from heavy 2" wide black powder coated steel

Part Number	Description
30-1192-12	Hasp for Merit Upright Games

PINBALL HASP



- For use on pinball doors that are mounted by four carriage bolts
- Easy to install, no drilling necessary
- For use with 7/16" Shackle Padlock
- Simply remove 2 hex nuts on right and left side of coin door frame mounting and install
- 15" long 15-3/4" with hinge extended
- Includes mounting hardware

Part Number	Description
30-0004-00	Pinball Hasp

TOPLESS BAR HASP

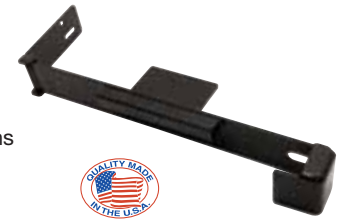


- Designed for all game doors, excellent for pinball games
- Single bar with hidden hinge and a protective cover for your padlock
- Made from heavy 2" wide black powder coated steel
- Welded hinge prevents pin removal
- No eyebolts exposed
- Hardware included
- Made in USA
- Size: 15-1/2" from eye bolt to carriage bolt
- Overall length: 17-1/8"

Part Number	Description
30-1192-00	Topless Bar Hasp

HASP FOR DYNAMO POOL TABLES

- Heavy duty 3/16" x 1-1/2" wide
- Color: Black
- For use on Dynamo pool tables
- Includes hardware and instructions



Part Number	Description
26-1158-00	Hasp for Dynamo Pool Tables

HASP FOR DYNAMO HOCKEY TABLES



- Heavy duty
- Color: Black
- Includes hardware and instructions

Part Number	Description
30-0115-00	Hasp for Dynamo Hockey Tables

HASP FOR VALLEY/DYNAMO POOL TABLE

- Designed to fit a recessed 10" wide cash box opening
- Easy to install, simply drill two 3/8" holes
- Heavy duty metal with innovative guide lip
- Color: Black
- Includes instructions and drilling template



Part Number	Description
30-0053-00	Valley & Dynamo Pool Table Security Hasp

HASP FOR VALLEY POOL TABLE

- Heavy duty
- Designed for Valley tables
- Can be adapted to other tables
- Color: Black
- Includes hardware and instructions



Part Number	Description
30-0028-00	Hasp for Valley Pool Tables

DELUXE WRAP AROUND ADJUSTABLE BAR HASP

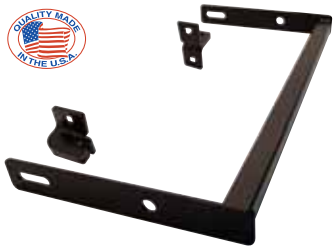


- Perfect for amusement games and vending machines
- Heavy-duty – 1" and 1.25" square tubing
- Side plates are 5-1/4" long
- Needs only 1 padlock
- Padlock mounts on side of machine
- Hardware includes:
  1 padeye
  1 hook
  8 carriage bolts .25" x 1.25"
  8 .25" hex nuts
  2 backup plates

Part Number	Description
30-2000-00	Adjustable Bar Hasp 19-1/2" to 32"
30-2000-02	Adjustable Bar Hasp with padlock cover
30-0006-00	Adjustable Bar Hasp 30" to 45"
284992	Adjustable Bar Hasp 20" to 32"

DELUXE WRAP AROUND ADJUSTABLE HASP WITH 11" SIDE PLATES

- Only 1 padlock needed
- Adjusts from 20" to 36"
- 11" Side bars make this ideal for use on "POG"
- Black painted finish
- Heavy-duty square tubing
- Mounting hardware included
- Made in USA



Part Number	Description
30-0013-01	Adjustable Bar Hasp 20" to 36" with extended 11" side bars

WRAP AROUND ADJUSTABLE BAR HASP

- Perfect for amusement games and vending machines
- Used on 22" to 27" cabinets
- Needs only 1 padlock
- Padlock mounts on front of machine
- Complete with hardware



Part Number	Description
30-1193-00	Wrap Around Adjustable Wrap

FLAT BAR HASP



- For the extra protection needed to prevent break-ins on your games front door
- Heavy duty 3/16" steel thick, 1-1/2" wide
- Complete with hardware

Part Number	Description
30-1195-00	16" Long Flat Bar Hasp
30-0001-00	24" Long Offset Flat Bar Hasp

SAMMY USA SECURITY BAR KIT FOR WING SHOOTING CHAMPIONSHIP



- Direct fit for Sammy Wing Shooting Championship
- Wing Shooting Championship cabinets are pre-drilled for easy installation
- Installs in less than 10 minutes, simply remove the supplied bolts and install the two brackets
- Heavy duty black painted metal
- May also be used on Sammy 25" Upright and 33" Showcase cabinets with Deer Hunting USA, Turkey Hunting USA, (hardware for these cabinets must be purchased separately)
- Kit includes: Locking bar with enclosed padlock area, and 2 mounting brackets
- Made in USA

Part Number	Description
30-0200-00	Sammy USA Security Bar Kit
30-0200-02	Deluxe Wrap Around Adjustable Bar with Padlock Cover

SAMMY USA SECURITY BAR KIT FOR SPORTS ARENA

- Direct fit for Sports Arena
- Installs in less than 10 minutes
- Heavy duty black painted metal
- Kit includes: Locking bar, and 2 mounting brackets
- Made in USA

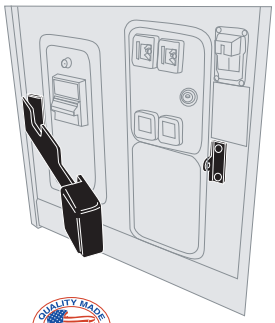


Part Number	Description
30-0200-01	Sammy USA Security Bar Kit

RETROFIT SECURITY HASP FOR GOLDEN TEE GOLF®



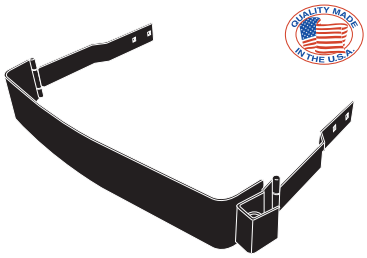
- Shackle protector and low profile mounting virtually eliminates break-in's
- Uses existing hardware on the game
- Made in the USA from 1/4" laser cut steel
- Black wrinkle powder coat paint matches the game's finish
- Uses hidden hinge for added security
- Laser cut smooth edges for safety



Part Number	Description
30-0004-01	Retrofit Security Hasp - Golden Tee®
30-0004-02	Eyelet with Hardware

TOUCH SCREEN SECURITY HASP

- Fits Merit Mega-Diamond touch screens
- Accepts Standard or Disklock padlocks
- Black powder coated
- Includes: (2) backing plates, (4) carriage bolts, washers and nuts
- Made in USA



Part Number	Description
30-0005-02	Touch Screen Security Hasp

OFFSET FLAT BAR HASP

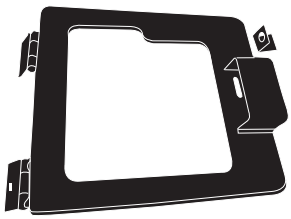


- For the best protection of break-ins on your games front door
- Heavy duty 3/16" steel thick, 1-1/2" wide
- Complete with hardware

Part Number	Description
30-0011-00	12" Long Offset Flat Bar Hasp
30-1627-00	16-1/2" Long Offset Flat Bar Hasp
39-1011-00	25" Long Offset Flat Bar Hasp

HEAVY DUTY OVER-UNDER MID-WIDTH DOOR HASP

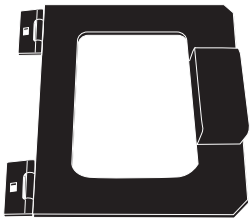
- Notch cut in hasp to allow it to work on both Suzo-Happ and Wells-Gardner Over/Under Mid-Width doors
- This heavy duty steel hasp stops vandals from kicking in the coin door
- Welded top padlock cover insures your padlock is protected
- Laser cut smooth edges for safety
- Durable black wrinkle paint
- Hidden hinges with a non-removable welded hinge pin
- Made in the U.S.A.



Part Number	Description
30-0300-00	Heavy Duty Over-Under Mid-Width Door Hasp

HEAVY DUTY OVER-UNDER DOOR HASP

- This heavy duty steel hasp stops vandals from kicking in the coin door
- Welded top padlock cover insures your padlock is protected
- Hidden hinges with a non-removable welded hinge pin
- Bolt to bolt 9-1/2", Overall 11-1/8"



Part Number	Description
30-2001-00	Heavy Duty Over-Under Door Hasp
B720	Economy Over-Under Door Hasp

HASP FOR ARACHNID GALAXY 2

- 3/16" heavy duty steel
- Black textured powder coat
- Reinforced padlock cover
- Hinged on left side
- Hardware included
- Backing plates included for increased strength
- Made in USA



Part Number	Description
30-0302-00	Hasp for Arachnid Galaxy 2

LOCK HASP

- Simple, economic way of adding a padlock to any machines, garage, vehicle etc.
- Made with 1/8" steel
- Complete with hardware



Part Number	Description
30-1194-000	Lock Hasp

DRIVING CABINET VAULT HASP

- For use on Atari Rush 2049 Driving Cabinet Vault
- Simply attaches to the existing mounting holes on the sides of the existing vault
- Heavy Duty 11 gauge steel
- Rugged Black powder paint finish
- Complete with mounting hardware
- Welded hinge pins for additional security



Part Number	Description
30-0135-00	Driving Cabinet Vault Hasp

SUPER HEAVY DUTY 4-1/2" BAR HASP

- 3/16" heavy plate steel
- Eyebolt is a 1/2" shaft, that is heat treated, hardened steel that defies bolt cutters
- Existing cabinet cam lock is placed through the bar, securing bar to cabinet
- Complete with hardware
- Made in the U.S.A.



Part Number	Description
30-1005-00	Super Heavy Duty 4-1/2" Bar Hasp

STANDARD 4-1/2" BAR HASP



Part Number	Description
30-1006-00	Standard 4-1/2" Bar Hasp

1/2" EYEBOLT

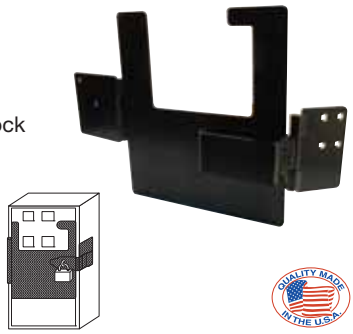
- Made from hardened drop-forged steel
- Resists cutting
- Powder coated black
- Includes washer and locknut
- Made in USA



Part Number	Description
30-0021-00	1/2" Eyebolt

HEAVY DUTY SECURITY BAR/HASP

- For Daytona Crusin' and Sega Rally driving games
- Protect those "high volume" games from theft and damage
- Accommodates a regular padlock
- Built with hidden hinge pins
- Heavy duty shackle protector
- Complete with hardware



Part Number	Description
30-0005-00	Heavy Duty Security Bar/Hasp
30-0005-01	Security Bar Hasp for Virtual Racing for Wider Cabinets
30-0055-00	Security Bar Hasp for San Francisco Rush with Shackle Guard

WELDED TOP PADLOCK COVER

- Welded Top Padlock Cover
- Heavy duty steel 3/16" x 2" wide
- 3/8" eyebolt
- Black powder coated
- Made in USA



Part Number	Description
30-0033-00	Welded Top Padlock Cover

HEAVY DUTY SHACKLE GUARD

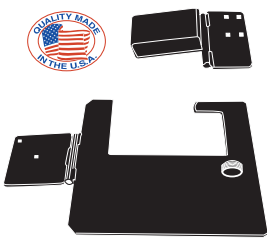
- Works with most padlocks
- Prevent cutting of the padlocks
- Rugged 3/16" steel gives maximum protection
- 2-1/2" H x 2" W
- 1-1/8" opening for hasp
- Works with most "L" shape hasps
- Laser cut – no sharp corners
- Made in the USA
- Black powder coated



Part Number	Description
30-0003-00	Heavy Duty Shackle Guard

SECURITY BAR HASP FOR SILENT SCOPE

- For use on Konami Silent Scope with Mid-Width Over/Under doors
- Covered padlock hasp protects your padlock
- Fits 11-1/4" to 12" wide doors
- Made from 3/16" thick heavy duty steel
- Black powder coated
- Mounting hardware included
- Made in USA



Part Number	Description
30-0141-00	Security Hasp for Silent Scope

HASP FOR STANDARD CHANGE-MAKERS MC100 AND MC101

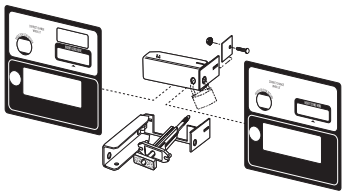
- Fits models EC100 and EC101
- 7 gauge steel plate
- 1/4" ring welded on the inside of the plate allows hasp to lay flush with the cabinet
- Includes: (2) 1/8" "L" brackets welded together for padlocks
- Color: Textured Black River
- Complete with all mounting hardware
- Made in USA



Part Number	Description
30-0318-00	Hasp for Standard Change Makers MC100 and MC101

DIXIE NARCO LOCK COVER KIT

- Ref. # 480,011,200.14
- Used on 'E' models and Vandal Resistant Vendors with pushbutton coin return and Dr. Pepper machines



Part Number	Description
H48001120014DN	Dixie Narco Lock Cover Kit

T & LIFT-HANDLE COVERS



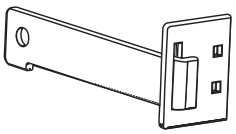
30-1344-00 30-1344-V2LG 30-1344-V5

- Provide added protection for your T and Lift-handles
- V-2 and V-2 LG covers fit low and high profile surface mounted T-handles respectively
- V-5 Lift-handle covers protects moldings on National/GPL machines
- All include durable black powder coated finishes

Part Number	Description
30-1344-00	Low Profile V-2 Lift Handle Cover
30-1344-V2LG	High Profile V-2 LGT Lift Handle Cover
30-1344-V5	V-5 Handle Cover

ROYAL VENDORS LOCK COVER

- Ref. No. 141110
- Used on Vandal Resistant Coke machines (post serial # 1207) and Merlin IV machines
- Black powder coat finish



Part Number	Description
30-0190-00	Royal Vendors Lock Cover

REPLACEMENT LIFT HANDLE SET

- For National Vendors machines
- Brushed stainless finish
- Set includes:
  (1) Lift Handle Lever, Ref. No. 117-2190
  (1) Lift Handle Base, Ref. No. 117-2191



Part Number	Description
30-0307-00	Replacement Lift Handle Set

OVER/UNDER DOOR HASP

- Provides great protection for over under doors using a flush mounting style
- Requires 1-5/8" on both sides of the over under door for clearance
- Installation requires drilling two holes to mount the door and two more to mount the hasp
- Black wrinkle powder coat finish
- All hardware is included



Part Number	Description
S-109	Over/Under Door Hasp

GUARDIAN HASP FOR "THE FAST AND THE FURIOUS" GAME

- Prevent theft and damage to your Raw Thrills game cabinet
- Modified specifically for "The Fast And Furious" sit down cabinet game
- Hasp is trimmed around the edges and is notched at the top left corner, which allows you to mount directly to the cabinet
- No drilling is required
- 3/16" thick painted steel
- Includes welded padlock cover for added protection

GUARDIAN



Part Number	Description
30-0171-20	Guardian Hasp for Raw Thrills "The Fast And The Furious"

SUZO-HAPP GUARDIAN HASP FOR OVER/UNDER MID-WIDTH VALIDATOR DOORS

- Unique design requires no drilling, mounts directly to the cabinet
- For use on 40-3000-00 series over/under Mid-Width doors with or without upstacker
- 3/16" thick painted steel
- Welded padlock cover to insure padlock protection
- Fits on cabinets with very little clearance around the validator door and those that have no supports to mount a standard security bar
- Can be easily moved from one cabinet to another
- Two different versions available based upon height of upper door (Type I or Type II)

  Type I – Overall height of upper door is 10.70"

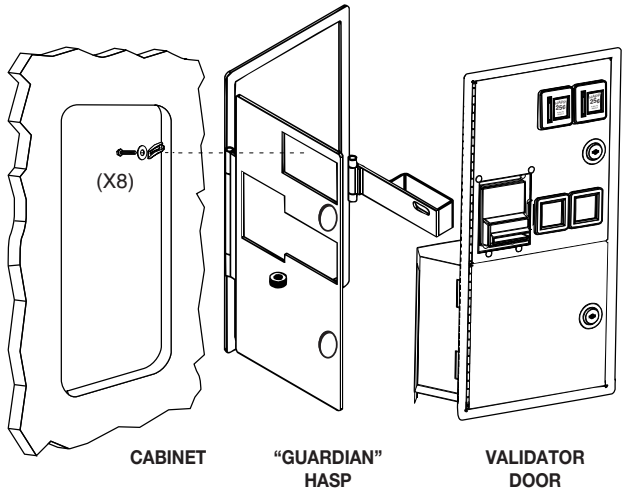
  Type II – Overall height of upper door is 9.90"



SUZO HAPP

GUARDIAN





To install, simply remove existing Mid-Width Door and slide door into large metal opening of hasp and re-install door to cabinet.

Part Number	Description
30-0171-00	"Guardian" Over/Under Mid-Width Validator Door Hasp Type I
30-0171-10	"Guardian" Over/Under Mid-Width Validator Door Hasp Type II

SUZO-HAPP GUARDIAN HASP FOR OVER/UNDER 2-ENTRY STACKER VALIDATOR DOORS

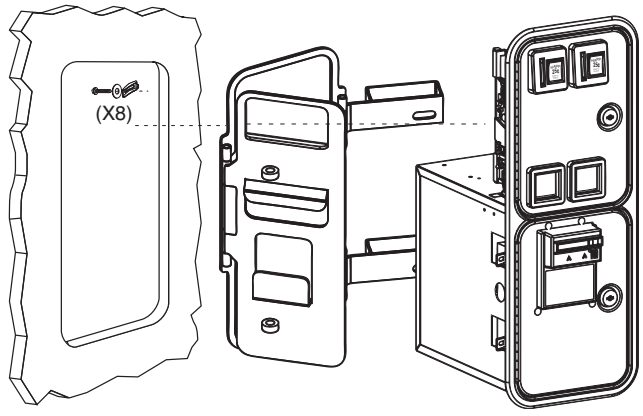
- Unique design requires no drilling, mounts directly to the cabinet
- For use on 40-6000-00 series over/under 2-entry stacker validator doors with or without validator
- 3/16" thick painted steel
- Welded padlock cover to insure padlock protection
- Fits on cabinets with very little clearance around the validator door and those that have no supports to mount a standard security bar
- Can be easily moved from one cabinet to another



GUARDIAN

SUZO HAPP





To install, simply remove existing 2-Enry Stacker Door and slide door into large metal opening of hasp and re-install door to cabinet.

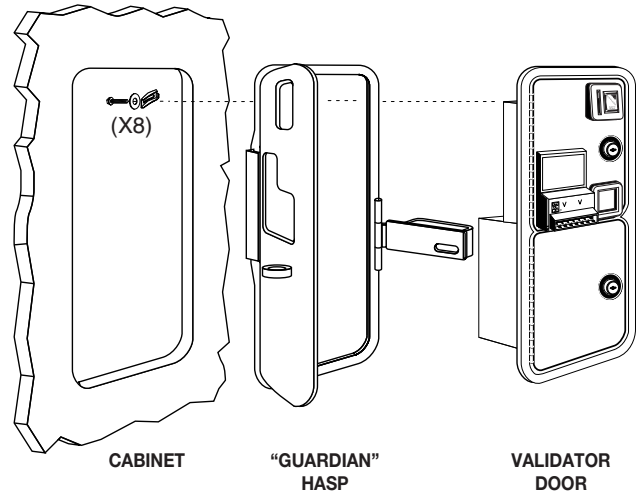
Part Number	Description
30-2400-200	"Guardian" Over/Under 2-Entry Stacker Validator Door Hasp

SUZO-HAPP GUARDIAN HASP FOR OVER/UNDER VALIDATOR DOORS

- Unique design requires no drilling, mounts directly to the cabinet
- For use on 40-7000-00 series Over/Under Validator doors with upstacker
- 3/16" thick painted steel
- Fits on cabinets with very little clearance around the Validator door and those that have no supports to mount a standard security bar
- Welded padlock cover to insure padlock protection
- Can be easily moved from one cabinet to another



GUARDIAN SUZO HAPP



To install, simply remove existing Over/Under Validator Door and slide door into large metal opening of hasp and re-install door to cabinet.

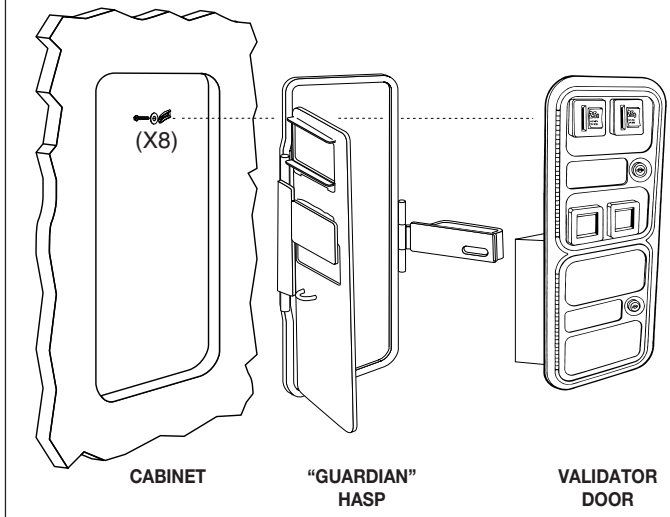
Part Number	Description
30-2400-00	"Guardian" Over/Under Validator Door Hasp

SUZO-HAPP GUARDIAN HASP FOR OVER/UNDER VALIDATOR DOORS

- Unique design requires no drilling, mounts directly to the cabinet
- 3/16" thick painted steel
- Fits on cabinets with very little clearance around the Over/Under door and those that have no supports to mount a standard security bar
- Welded padlock cover to insure padlock protection
- Can be easily moved from one cabinet to another



GUARDIAN SUZO HAPP



To install, simply remove existing Over/Under Validator Door and slide door into large metal opening of hasp and re-install door to cabinet.

Part Number	Description
30-2401-00	"Guardian" Over/Under Door Hasp

GUARDIAN DOOR HASP FOR VALLEY GREAT EIGHT POOL TABLE

- Prevent theft and damage to your pool table
- Designed to work specifically on the Valley Great Eight Pool Table
- Hasp features thick 7-Gauge Steel construction with a black wrinkle powder coat finish
- Includes welded padlock cover for added protection
- Unique design requires no drilling, mounts directly to the cabinet
- All Hardware Included



GUARDIAN

Part Number	Description
30-0053-S106	Guardian Door Hasp for Valley Great Eight Pool Table 2-Button
30-0053-S106B	Guardian Door Hasp for Valley Great Eight Pool Table 3-Button

SECURITY HASP FOR UNIVERSAL PINBALL VALIDATOR DOOR

- Unique design requires no drilling, mounts directly to the cabinet
- For use on 40-0696-00 universal pinball validator door
- Fits on Stern, Data East, Sega and Williams Pinball
- Can be switched form cabinet to cabinet
- Fitted with standard padlock cover to insure padlock protection
- 1/8" thick powder coated steel
- Made in the USA



Part Number	Description
30-2401-S101	Hasp for Universal Pinball Validator Door

FUNGLO CABINET HASP



- Designed for use on FunGlo cabinet
- Simply attaches to the existing mounting holes on the sides of the FunGlo cabinet
- Welded hinge pins for additional security
- Rugged Black powder paint finish
- Complete with mounting hardware

Part Number	Description
30-0135-FG	FunGlo Cabinet Hasp

HASP FOR LAI GAMES

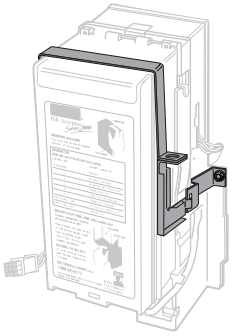
- Fits the Stacker, FastTrack and Lighthouse cabinets
- Features cut outs for single coin slot and bill validator, as well as a welded padlock cover
- Does not fit Giant Stacker or club models
- Black wrinkle powder coat finish



Part Number	Description
S-111	Hasp for LAI Games

CUSTOM HASP ASSEMBLY FOR MEI VALIDATORS

- Custom designed for Mars AE & VN 2000 series validators
- Will only work with the compact bezel (bezel option no. 1) or fitted bezel (bezel option no. 5)
- Accommodates padlocks with 3/8" shackle



Part Number	Description
42-7112-00	Custom Hasp for MEI Validators

HASP FOR MEI BILL VALIDATOR

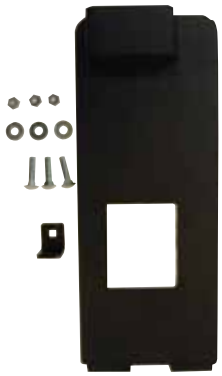
- Excellent protection from inside the machine
- Fits MEI 300 downstacker
- Has a hinged compartment that flips down and locks into place
- Black powder coat finish



Part Number	Description
S-113	Hasp for MEI Bill Validator

HASP FOR FLAMIN FINGER

- Provides great protection for Entropy style doors
- May also fit other coin doors
- Features lock protection with a padlock cover
- Installation requires some drilling
- Black wrinkle powder coat finish
- All hardware is included



Part Number	Description
S-108	Hasp For Flamin Finger

LARGE STANDARD 2 COMPARTMENT SAFE

- Large bottom compartment for route driver to store filled changers and quickly exchange with the empty changers on location
- Will accommodate “Puck” Style Padlock
- Driver can access spare change on bottom without having access to the collected money deposited in the top compartment
- Extra heavy duty 3/8" thick locking plate
- Physical size: 15" x 15" x 34"
- Upper vault size: 15" x 15" x 14"
- Lower vault size: 15" x 15" x 10-1/2"
- Extra large hopper opening: 12" x 6"
- Weight: 120 lbs, ships via UPS



Part Number	Description
30-0106-00	Large Standard 2 Compartment Safe

LARGE DELUXE ROLL TOP SAFE

- Roll top opening size 4-1/4" x 7-1/2"
- Large 12" x 12" x 21" Vault Size
- Heavy duty back up plate
- Heavy 10 gauge steel construction
- Physical Size: 12" x 12" x 27"
- Double deadbolt locking system
- Weight: 74 lbs, ships via UPS



Part Number	Description
30-0077-00	Large Deluxe Roll Top Safe

GIANT CAPACITY ROLL TOP SAFE

- Heavy duty 3/8" shackle plate
- Will accommodate “Puck” Style Padlock
- Equipped for 2 padlocks (Sold Separately)
- Large hopper opening 12" x 6"
- Maximum security with 1/4" thick door
- Extra Large 18" x 18" x 23" Vault Size
- Physical Size: 18" x 18" x 32-1/4"
- Weight: 127 lbs, ship via UPS



Part Number	Description
30-1475-00	Giant Capacity Roll Top Safe

MEDIUM STANDARD ROLL TOP SAFE

- Roll top opening size 4-1/4" x 7-1/2"
- Physical Size: 10" x 10" x 11"
- Heavy 10 gauge steel construction
- Extra heavy duty 3/8" shackle plate
- Compact size
- Weight: 46 lbs, ship via UPS



Part Number	Description
30-0078-00	Medium Standard Roll Top Safe

LARGE STANDARD ROLL TOP SAFE

- Heavy duty 3/8" shackle plate
- Will accommodate “Puck” Style Padlock
- Large hopper opening 4-1/4" x 7-1/2"
- Large 12" x 12" x 21" Vault Size
- Physical Size: 12" x 12" x 27"
- Weight: 70 lbs, ship via UPS



Part Number	Description
30-1470-00	Large Standard Roll Top Safe

SECURITY ALARM SYSTEM



- Impact sensor designed to sound alarm when impact, abuse and rocking is detected
- Sensor adjusts to desired sensitivity
- 128 db alarm sounds for 30 seconds
- Automatically turns off and resets
- Amusement alarm has 2 magnetic switches
- Vending alarm has 1 magnetic switch
- Wide voltage range (5 to 15 vdc)
- Low current drain (0.1 UA @ 12 vdc)
- 12 volt battery pack, with connectors (27-1064-BAT)
- Small controller size, only 1.85" x 2.25"
- Easy to install

Part Number	Description
27-1064-10	Amusement Machine Alarm
27-1064-00	Vending Machine Alarm
27-1064-BAT	Replacement 12V Battery

SLAM NUT ASSEMBLY



- Terrific time and labor saving device
- Allows you to simply 'slam' the T-Handle in after closing the door
- Eliminates screwing the T-Handle into the cage nut

Part Number	Description
30-0120-00	Slam Nut Assembly

T-HANDLE FLANGE



- Used with most T-Handles
- Can be used as studded or .25 turn T-Handle
- Polished chrome finish

Part Number	Description
30-0182-00	T-Handle Flange

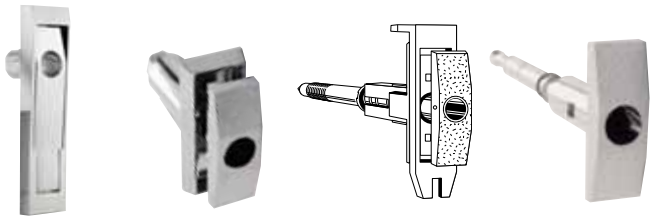
T-HANDLE



- Fits Chicago Lock and other T-Handles
- Can be used with studded or .25 turn T-Handle
- Will accept all standard inner cylinder locks
- Matte finish

Part Number	Description
30-0183-00	T-Handle

T-HANDLE ASSEMBLIES



A B C D

- These T-Handle assemblies come complete with hardware
- Simply add inner cylinder lock

KEY	Part Number	Description
A	**H640089AP**	Automatic Products
C	**H80150287001DN**	Dixie Narco
D	**30-0195-00**	Dixie Narco
B	**H227RM**	RMI
B	**H35027808R**	Rowe, Bill Changer
B	**30-0184-00**	Rowe

T-HANDLE KITS



30-0184-00



30-1817-00

- Inner Cylinder remains at or below the surface of the handle, making vandalism difficult.
- Accepts all standard Abloy, Ace, Ace Change-Matic, Flex-Ace, Duo, Gem, Medico and Happ standard inner cylinder locks.
- To assemble a complete T-Handle, order parts 30-0184-00, 30-1817-00 and the threaded stud which fits your application from the list below.

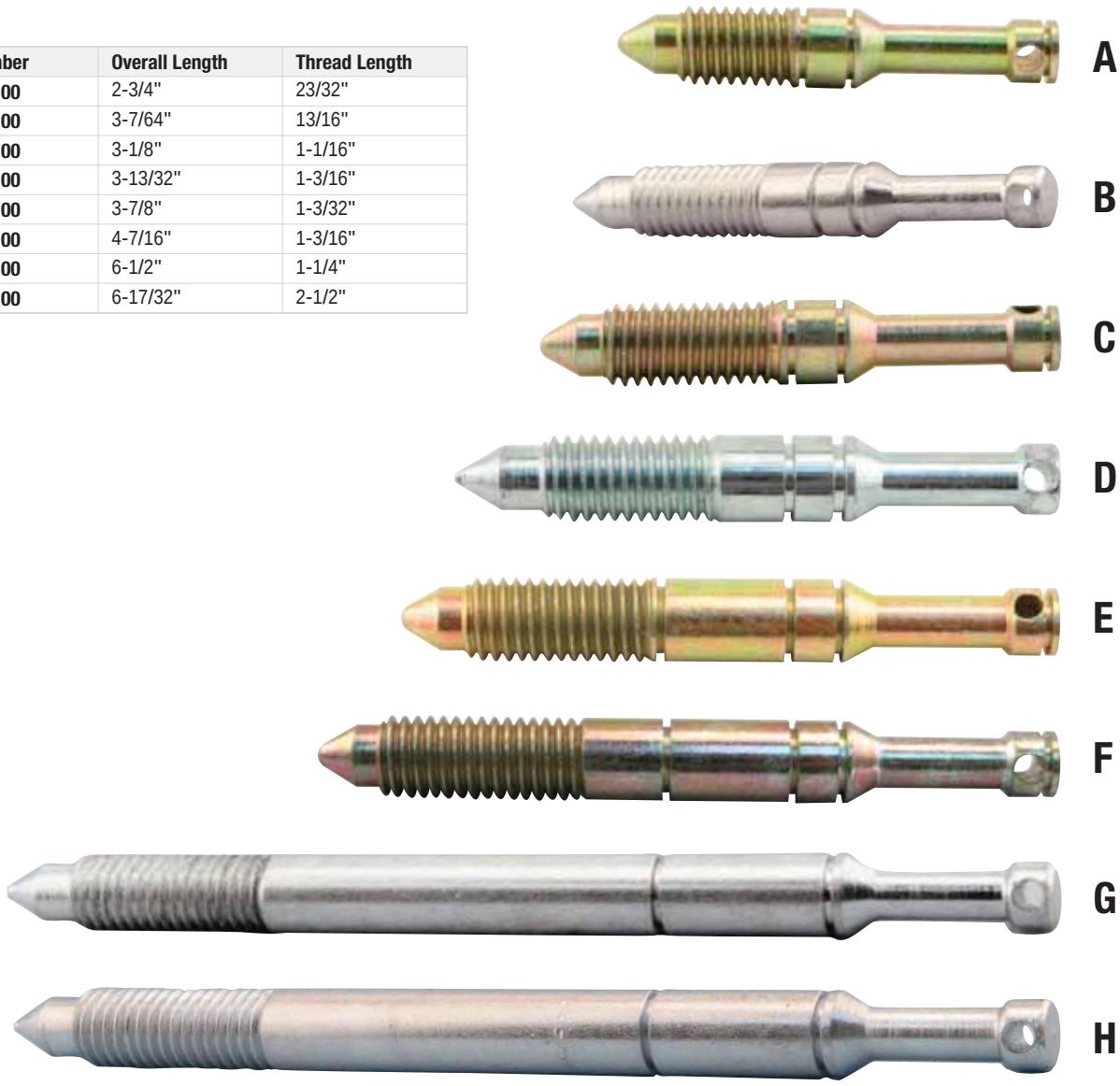
Part Number	Description
30-0184-00	Includes: T-Flange, T-Handle
30-1817-00	Includes: E-Ring, Pop-Out Spring Hex Washer, Roll Pin

See Next Page for Threaded Studs

THREADED STUDS

- Used with Fort and other T-Handle Assemblies

KEY	Part Number	Overall Length	Thread Length
A	**30-1835-00**	2-3/4"	23/32"
B	**30-1824-00**	3-7/64"	13/16"
C	**30-1838-00**	3-1/8"	1-1/16"
D	**30-1830-00**	3-13/32"	1-3/16"
E	**30-1836-00**	3-7/8"	1-3/32"
F	**30-1837-00**	4-7/16"	1-3/16"
G	**30-1831-00**	6-1/2"	1-1/4"
H	**30-1833-00**	6-17/32"	2-1/2"



SUZO-HAPP QUALITY COAT SPRAY PAINT

- Featuring the patented EZ Touch® Fanspray® Nozzle giving the user better spray control with optimum coverage
- 15 minutes dries to touch
- For indoor/outdoor use
- Contains high amounts of solids for maximum coverage on wood and metal
- Lead and fluorocarbon free
- Professional results with the patented Fanspray® Nozzle
- Vertical or horizontal Fanspray® pattern allows easy spraying of all surfaces
- Net weight 11 oz.
- 12 cans per case



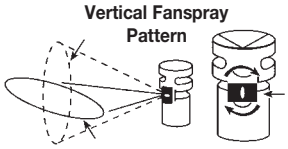
FLAMMABLE Ground Freight Only

SUZO HAPP

Part Number	Description
29-1011-00	Gloss Black
29-1012-00	Semi-Gloss Black

All Spray Paints use the EZ Touch® Fanspray® Nozzle.

(Except Spatter Paint)



Rotate valve nozzle 1/4 turn to change spray pattern

MINI RAZOR BLADE HOLDER & SCRAPER

- Blade easily snaps in and out
- Blade can be stored upside down for safety
- Holds blade securely for scraping jobs
- Includes one blade



Part Number	Description
49-5053-00	Mini Razor Blade Holder and Scraper

RAZOR BLADES

- Single edge
- Industrial quality
- Sold 100 per box



Part Number	Description
49-0926-00	Razor Blades

SPRAY PAINT, BY KRYLON

- Featuring the patented EZ Touch® Fanspray® Nozzle
- Dries to touch in approximately 15 minutes
- For professional and industrial use
- Interior/Exterior use
- Net wt. 12 oz.
- 12 per case

FLAMMABLE Ground Freight Only



Part Number	Description
29-1013-01	Semi-Flat Black
29-1013-02	Gloss Black
29-1013-03	Appliance White
29-1013-04	Flat Black
29-1015-00	Gray Primer

SILICONE SPRAY

- Clean, dry silicone spray, lubricates without spotting or odor
- Inhibits rust, repels water
- Can be used on foosball table rods
- Net wt. 20 oz.
- 12 per case
- NON food grade

Camie



Part Number	Description
29-1032-00	Silicone Spray

3M™ ELECTRONICS VACUUM

New

- Designed for high efficiency cleanup of most business equipment
- High efficiency filtration system
- Has EMI/RFI suppressor for reducing power line noise while working around other electronic equipment
- Replaceable one horse power motor provides maximum debris collection
- Includes 5 ESD/Current limiting attachments for hard to reach places (crevice nozzle, crevice brush, needle nose nozzle, dusting brush and tubular nozzle assembly)
- Vacuum is stored in high impact plastic carrying case
- Attachments and power cord are stored inside the cover and held in place with an internal door
- 3-Year limited warranty
- UL and CSA listed



3M UL SA

Part Number	Description
92-0522-00	3M™ Electronics Vacuum
29-0136-00	3M™ Type 2 filter for Dust/Toner

GAFFERS TAPE

- High tack tape with excellent adhesion
- Leaves no residue
- 2" x 60 yards
- Color: Black
- Great for Audio/Visual departments
- Also used for touch screen monitors
- Protects and anchors electrical wiring
- Seals out moisture and dust
- For wrapping or bundling wire, metals and plastics
- Heavy-duty vinyl coated waterproof cloth backing with excellent flexibility
- Matte finish reduces light reflection



Part Number	Description
39-0085-00	Gaffers Tape

DOUBLE FACE FOAM TAPE

- All purpose tape allows you to hang light objects or signs to games, walls, glass
- High strength adhesive on both sides
- 36 yards long



Part Number	Description
39-0013-00	3/4" Double Sided Foam Tape, White
39-0013-10	3/4" Double Sided Foam Tape, Black
39-0041-00	1/4" Double Sided Foam Tape, Black

DUCT TAPE

- Polyethylene coated cloth
- Used for holding down carpet
- 2" x 60 yards
- 24 per case



Part Number	Description
39-0019-00	Gray Duct Tape
39-0045-00	Red Duct Tape
39-0044-00	Black Duct Tape

3M™ ELECTRICAL TAPE

- 3M Scotch Super 33+ Vinyl Electrical Tape, the Industry Standard
- Now it's more flexible, stronger and stickier than ever – especially in cold weather
- Highly conformable all-weather tape
- UL listed, CSA certified 0°C to 105°C
- Primary insulation for wire cable splices up to 600 V
- In handy hard plastic container
- 3/4" x 66' long



Part Number	Description
49-0902-00	3M Electrical Tape

PLASTIC ELECTRICAL TAPE

- Dielectric over 10,000 V
- UL listed
- 3/4" wide x 60 ft.
- Sold in packs of 10 only



Part Number	Description
39-0038-00	Electrical Tape - 10 Pack

3M™ CLEAR DOUBLE SIDED TAPE

- All purpose tape with excellent adhesion
- Easily adheres to metal, glass, formica and other hard surfaces



Part Number	Description
39-0039-0	3M Clear Double Sided Tape, 1/4" x 36 yds. Sold Per Roll
39-0040-00	3M Clear Double Sided Tape, 1/2" x 36 yds. Sold Per Roll

GLASS FILAMENT TAPE

- Ideal for heavy-duty packaging
- Strong adhesive backing
- 1" x 60 yards long



Part Number	Description
39-0007-00	Glass Filament Tape

MASKING TAPE

- Protect the areas you are not painting
- 60 yards long per roll
- Strong adhesive backing



Part Number	Description
39-0014-00	1" Masking Tape
39-0018-00	2" Masking Tape

DELUXE 2” TAPE DISPENSER

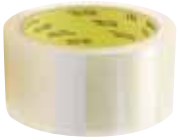
- Pistol grip style
- Engineered for long wear and ease of use
- Adjustable brake provides tape tension
- Holds up to 2" wide rolls on a 3" core



Part Number	Description
98-MTDGF103	Deluxe 2" Tape Dispenser

3M SCOTCH® BOX SEALING TAPE

- Edge tear and split resistant
- Strong 2.05 mil thickness
- Clear color
- 1-7/8" x 55 yards long per roll
- Strong adhesive backing
- Tensile strength: Machine direction 25 lbs. /inch width; Cross direction 40 lbs./inch width
- Adheres instantly to a variety of surfaces
- 6 rolls per box
- 6 boxes per case



Part Number	Description
39-0008-10	3M Scotch® Box Sealing Tape

VELCRO HOOK & LOOP TAPE SET

New

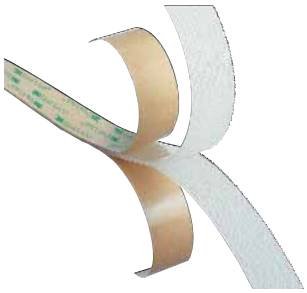
- For fastening a wide variety of items
- Adhesive backing
- .75", 1" or 2" wide tape
- Complete set – both hook and loop in one roll
- Color: Black
- Sold per roll; 1 yard per roll



Part Number	Description
90-0003-10	.75" Velcro Hook And Loop Tape Set
90-0003-11	1" Velcro Hook And Loop Tape Set
90-0003-12	2" Velcro Hook And Loop Tape Set

3M DUAL LOCK™ LOW PROFILE RECLOSABLE FASTENER

- 75 ft per roll; sold by the foot
- 3 rolls per case
- Unlike some reclosable fasteners, this is self-mating so only one roll needed reducing inventory
- Light-weight, thin profile (0.067", 1.7mm)
- Clear acrylic adhesive, -20°F to 150°F
- 1" wide, clear color
- Stemmed surfaces glide over each other for easy positioning prior to pressing and snapping together
- Pressure sensitive adhesive backing bonds to many surfaces
- Numerous interlocking mushroom-shaped stems positively “snap” together
- Uses include: Electronics, exhibits, trade shows, Point of Purchase, framing; anywhere you need easy access or quick assembly
- Minimum order 25ft



Part Number	Description
90-0015-00	3M Dual Lock™ Low Profile Reclosable Fastener

VELCRO HOOK & LOOP TAPE

- For fastening a wide variety of items
- Adhesive backing
- .75", 1" or 2" wide tape
- Color: Black
- 25 yards. per roll
- Sold per roll



Part Number	Description
90-0003-03	.75" Velcro Loop Side Only
90-0004-03	.75" Velcro Hook Side Only
90-0003-01	1" Velcro Loop Side Only
90-0004-01	1" Velcro Hook Side Only
90-0003-02	2" Velcro Loop Side Only
90-0004-02	2" Velcro Hook Side Only

VELCRO ONE-WRAP CABLE TIES

- Hundreds of uses
- Ideal for cord and cable control
- Can be reused numerous times
- Size: .5" wide x 6" long
- Color: Black
- Minimum order 10



Part Number	Description
90-0011-00	Velcro One-Wrap Cable Ties

SUZO-HAPP DOLLAR BILL CLEANING CARD

- To clean, just insert like a dollar bill
- Works on all Gaming bill validators
- Greatly increases the acceptance of dollar bills by cleaning & maintaining the hard to reach insides of the bill validators
- Special cleaning solution will not harm rubber belts
- Cleans, lubricates and protects all in one easy motion
- Sold in boxes of 50



Part Number	Description
29-1009-00	Suzo-Happ Dollar Bill Cleaning Card

"ALCOHOL FREE" CLEANING CARD

- Protect your equipment
- Works on all dollar bill validators
- Removes dirt, oil, and other contaminants from magnetic heads and photo and optic sensors
- Safe, easy and effective
- Will not harm rubber belts
- Will not fog up optic sensors
- Sold in boxes of 50



Part Number	Description
29-1167-00	"Alcohol Free" Cleaning Card

SUZO-HAPP MAG STRIPE CLEANING CARD

- Helps performance and durability of your equipment
- Used regularly, they will save you time & money in equipment repairs & downtime
- Cleans dirt, oil and residue from magnetic, optical and bar code reading equipment
- Double-sided cleaning card cleans any way you swipe
- Works on ATMs, Hotel Door Locks, Video Vending Machines, Telephones, Gas Pump Credit Card Readers, and many more applications
- Sold in boxes of 50



Part Number	Description
29-1009-30	Suzo-Happ Mag Stripe Reader Cleaning Card

SUZO-HAPP THERMAL PRINTER CLEANING CARD

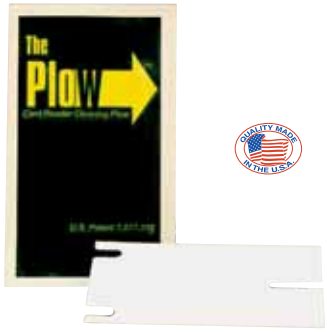
- Improves print quality and legibility
- Protects your equipment - increases printer life, reliability and performance
- Works on all thermal printers
- Use before inserting each roll of paper
- Safely removes all dirt, ink, tape, residue, adhesive and other contaminants from thermal print heads, paper guides and paper path
- Sold in boxes of 25



Part Number	Description
29-0005-00	Suzo-Happ Thermal Printer Cleaning Card

THE PLOW™ CLEAN CARD

New



- The patented Plow™ cleaning card for card readers effectively cleans and pushes out the dirt
- Pre-saturated with a proven cleaning fluid that effectively cleans the concealed magnetic head
- Other cleaning cards simply pack the dirt in the back of the reader
- The Plow™, with its patented pre-cut slots and double sided cleaning surface, not only cleans the magnetic head, guides and rollers but it also completely clears dust and debris out the back of the reader
- Regular use ensures reduced down time and repairs and increased performance and customer satisfaction
- The Plow™ effectively cleans ATM and credit/debit card readers. POS and gas station readers
- Flammable, contains isopropyl alcohol
- Box of 25 cards
- Made in the USA

Part Number	Description
29-0407-00	The Plow Card Reader Cleaning Card



SUZO HAPP *LUCKY STRIPE WAFFLETECHNOLOGY CLEANING CARD*

- *Dramatically outperforms normal flat cleaning cards*
- *Incorporates flexible, raised platforms on the top and bottom surfaces*
- *Springs up into surface cavities to clean recessed sensors*
- *Ten times higher cleaning pressure, cleans in both directions*
- *Cleans entire rounded surface of magnetic heads*
- *Universally accepted in most new and older models*

LUCKY STRIPE WAFFLETECHNOLOGY™ CLEANING CARD

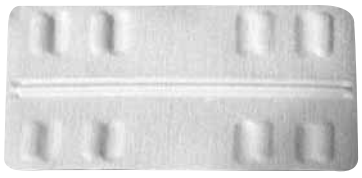


- Now, only one cleaning card needed for all your bill validators
- Works in most bill validators; highest acceptance of any cleaning card
- Dramatically outperforms normal flat cleaning cards
- Incorporates flexible, raised platforms on the top and bottom surfaces
- Springs up into surface cavities to clean recessed sensors
- Cleans entire rounded surface of magnetic heads
- Effectively cleans leading and trailing surfaces of rounded optical lenses
- Ten times higher cleaning pressure, cleaning in both directions
- Color: white; alcohol-free
- Sold in boxes of 15
- For more information, go to: www.waffletechnology.com

Part Number	Description
29-0329-20	Lucky Stripe WaffleTechnology™ Cleaning Cards

WAFFLETECHNOLOGY™ CARD READER CLEANING CARD

New



- Cleans the entire surface of CR80 debit/credit card readers
- New and improved, .019 thick version
- Color: white; alcohol
- Sold in boxes of 40
- Dramatically outperforms normal flat cleaning cards
- “Wave Waffletechnology” design to gently but firmly roll along the magnetic heads
- Cleans the leading, top, and trailing edge of the magnetic head
- Reaches into the reader pathway where dirt builds up and migrates to the magnetic heads
- “Reinforcement Technology” designed o ensure stability of cleaning card
- For more information, go to: www.waffletechnology.com

Part Number	Description
29-0329-10	Waffletechnology™ Card Reader Cleaning Cards, .019 thick

WAFFLETECHNOLOGY™ JCM BILL VALIDATOR CLEANING SYSTEM

New



- A JCM authorized product recommended for use with Preventative Maintenance Program
- Specially designed to work with the UBA and WBA bill validate software
- Cleaning card is not counted as rejected currency when used with upgraded software
- The bill validator cleaning cycle can only be activated by inserting this cleaning card - No re-calibration is needed
- Discreet cleaning during normal business hours without the opening of equipment
- Incorporates flexible, raised platforms on top and bottom surfaces
- Springs up into surface cavities to clean recessed sensors
- Cleans interior currency pathways, lenses, belts and rollers, and magnetic read heads
- Color: white; alcohol-free
- Sold in boxes of 15
- For more information, visit www.jcmwaffletechnology.com

Part Number	Description
29-1207-00	Waffletechnology™ JCM Bill Validator Cleaning Card

WAFFLETECHNOLOGY™ CURRENCY COUNTER CLEANING CARDS

New



- Designed to clean the feed rollers and bill paths
- Removes dirt and debris caused by normal use
- Maintains rollers to keep them from slipping
- Cleans entire bill pathway
- Cleans note recognition lenses
- For all currency counters
- Sold in boxes of 15
- For more information go to www.waffletechnology.com

Part Number	Description
29-0862-00	Waffletechnology™ Currency Counter Cleaning Cards

KIOSK CLEANING KIT

New



- Improve the performance and look of your kiosk
- Cleans card readers, touch screens and monitors, barcode scanners, keyboards and thermal printers
- Kit includes:
  5 Waffletechnology smart card reader cleaning cards
  5 EZ Screen Wipes (dual wet/dry solution wipes)
  5 Key cleaning swabs
  5 SNAP Swabs (4.5" IPA filled reservoir handle)
- Easy, effective and safe
- Made in the USA

Part Number	Description
29-0742-00	Kiosk Cleaning Kit

EZ THERMAL PRINTER CLEANING CARD



- Cleans direct/thermal transfer printers, ATB ticket printers, label printers, Point-of-Sale terminals, ID card and bar code printers
- Pre-saturated, disposable cleaning cards for thermal printers
- Improves printer quality and performance
- Safely and effectively removes all dirt, ink, tape and adhesive residue, and other contaminants from thermal print heads, paper guides and paper path
- 2-1/2" x 6" opaque; contains 99% isopropyl alcohol
- Sold in boxes of 25

Part Number	Description
29-0339-00	Thermal Printer Cleaning Cards, Box of 25

THERMAL PRINTER CLEAN PENN™



- Specially designed to remove ink, dirt and contamination buildup on thermal print heads
- Allows printer to printer cleaner, clearer and crisper
- Just swipe CLEAN-PENN™ across entire printer head surface
- Use every time paper stock is changed

Part Number	Description
29-0003-00	Thermal Printer CLEAN-PENN™

CAMIE STAINLESS STEEL CLEANER

New

- Cleans, polishes and brightens stainless steel
- Effectively cleans most water and oil based stains on stainless steel and other metal surfaces, especially chrome and aluminum
- Foaming action polishes to a non-greasy invisible coating, resisting dirt and fingerprints
- Use on slot machines, vending machines, elevator doors, counter tops, drinking fountains and metal furniture
- NSF, A7 and C1 rated
- Do not use on cooking, eating or food contact surfaces
- Does not contain alcohol or caustic cleaners; Mild odor
- 18 oz. spray can; 12 per case



SHIPPED UPS GROUND OR TRUCK ONLY

Part Number	Description
29-0821-00	Camie Stainless Steel Cleaner

BAD AIR SPONGE

Not an Air Freshener
but A True Odor Neutralizer!



- Great for coffee machines - eliminates foul odor from old coffee grounds
- Neutralizes odors such as cigarette and cigar smoke, cooking, garbage, decay, solvents, mildew, gasoline, etc.
- Used in areas such as vending machines, food prep areas, restrooms, casinos, hotel guestrooms, bars, warehouses, offices, storage areas, etc.
- USDA approved for food applications
- Works 3 ways - adsorbs, entraps and neutralizes odors
- Based on a patented formula the Bad Air Sponge is a solid, paste-gel containing activated charcoal
- Easy to use - just remove the container lid
- Will last approximately 2 to 3 months
- A passive, safe product that simply evaporates when opened
- Non-toxic, non-flammable and environmentally safe
- 1 lb. canister
- Made in USA

Part Number	Description
27-1450-00	Bad Air Sponge

SUZO-HAPP GLASS CLEANER

- Best glass cleaner in the industry
- Fast & effective foam spray
- Non-streaking
- Non-ammoniated
- Safely used on glass, touchscreens, chrome, plastic, enamel & tile
- Large 20 oz. size
- 12 per case

SUZO HAPP

SHIPPED UPS GROUND OR TRUCK ONLY



Part Number	Description
29-1018-00	Suzo-Happ Glass Cleaner

SUZO-HAPP ANTI-FOAM PLEXI-CLEAN

- Great on touch screens, CRT & video screens
- Formulated for plastic, glass, plexiglass, chrome, plastic mirrors, Formica
- Cleans and polishes
- Anti-static, anti-fog
- Removes dirt, grease, nicotine, and fingerprints
- Will not streak, smear, or scratch
- Excellent on video security camera lenses
- Fast drying, reduces glare
- Safe on the ozone
- 19 oz. aerosol
- 12 per case

SUZO HAPP

SHIPPED UPS GROUND OR TRUCK ONLY



Part Number	Description
29-1175-10	Suzo-Happ Plexi-Clean Cleaner & Polisher

CAMIE VINYL & HARD SURFACE CLEANER

- Foaming action cleans quickly and efficiently for almost all applications
- 20 oz. aerosol can make cleaning easy; simply spray on and wipe off

Camie



Part Number	Description
29-2015-00	Camie Vinyl and Hard Surface Cleaner

SUZO-HAPP FOAMING COOLING COIL CLEANER

- Adds life and efficiency to the refrigeration compressor
- Cleans away grease and dirt simply by spraying on
- Spray the coils completely from the air intake side, the dirt and grime is pulled through to the filter by the forced air
- Convenient aerosol can
- Net weight 18.5 oz.
- 12 cans per case

SUZO HAPP

SHIPPED UPS GROUND OR TRUCK ONLY



Part Number	Description
29-8627-00	Suzo-Happ Foaming Cooling Coil Cleaner

GEL-IT-OUT VANDAL MARK REMOVER

New

- Heavy-duty gel vandalism remover
- Ideal for removal of graffiti on porous surfaces and extremely tough graffiti removal jobs
- For delicate surfaces, spray on cloth, then gently rub surface to be cleaned
- Removes spray paints, permanent marker, inks, tar, crayons, adhesives and more
- Clings to vertical surfaces without dripping or running
- Cling allows for extended dwell time
- Dwell time allows for maximum graffiti penetration
- Washes away with soap and water
- Flammable
- Not for sale in California
- Weight: 16 oz; Packed 12 per case

FLAMMABLE Ground Freight Only

CHAMPION SPRAYON



Part Number	Description
29-9200-00	Gel-it-Out Vandal Mark Remover

CHAMPION SPRAYON® SPRAY DISINFECTANT

New

Kills Pandemic 2009 H1N1 Virus

- Ideal for any hard non-porous surface such as metal, porcelain, plastic, ceramic
- Use for slot machines, video games, casinos, hotels, family entertainment centers, telephones, light switches, garbage cans, lockers. etc.
- Quatemary spray disinfectant
- Hospital-type formula
- Kills the pandemic 2009 H1N1 virus on hard, nonporous, inanimate surfaces
- Kills HIV-1 on pre-cleaned environmental surfaces / objects previously soiled with blood and body fluids
- Sanitizes & Disinfects
- Prevents mold and mildew & Eliminates odors
- Net wt 1 lb 0.5 oz (467 g)
- EPA No. 498-179

CHAMPION SPRAYON



Part Number	Description
29-0270-00	Spray Disinfectant

TERGO ULTRA FIBER MICRO CLEANING CLOTHS

Never Buy Cleaners And Chemicals Again – Just Wet, Wring, And Wipe

- An alternative way to clean with only ordinary tap water
- Great for slot machines, vending machines, video games, etc.
- Just dampen cloth with tap water only
- Wedge shaped Ultra Microfibers trap and remove dirt and dust particles
- Don't be fooled – this is ultra microfiber not microfiber – there is a difference
- Economical - eliminates the need for toxic cleaning chemicals, paper towels or sponges
- Lasts for years – can be machine washed over 600 times
- Picks up the smallest particles – proven to pick up bacteria
- Fiber Type: Ultra Microfiber
- Made in Sweden

TERGO ULTRA MICROFIBER MULTI-PURPOSE CLEANING CLOTH



- Knitted cloth with double sided loops for cleaning all types of surfaces
- Specially developed for removing heavy amounts of loose and ingrained dirt
- Use dry for dusting & polishing static electricity and the fine fibers contribute to the attraction of dust
- Use wet for general cleaning, heavily soiled, greasy or outdoor areas
- Color: Yellow
- Composition: 80% Polyester – 20% Polyamide
- Size: 16" x 16"

Part Number	Description
27-0240-00	Tergo Ultra Microfiber Multi-Purpose Cloth

INSTRUCTIONS FOR USE OF CLEANING CLOTHS

The Glass cloth works best just slightly dampened with water. Either sprinkle water on the entire cloth or wet half the cloth. In most cases there is no need to wipe the surface dry after the cloth has been used, as evaporation enables surfaces to air-dry to a lint and streak-free shine. You can also spray water directly on the surface to be cleaned and wipe with a dry cloth. (Note: if water marks appear, the cloth may have been too dirty or wet).

INSTRUCTIONS FOR CLEANING

To improve the lifespan of the Tergo cloths, it is necessary to wash them on a regular basis. For quick cleaning after use, simply hand wash in hot water, or use a very small amount of dish or laundry detergent. Do not use hand soap as it contains oil. Be sure to rinse well. Wash the cloths in the washing machine, when required, in hot water with your normal load. Either air or tumble-dry, up to 90 degrees. Do this when required or whenever the cloth looks soiled. Periodically boil the cloths in water for a few minutes on your stovetop. This disinfects and causes the fibers to swell releasing trapped grease and dirt. Tergo cloths can be machine washed over 600 times (lasting several years).

Important: The Tergo cloths should not be ironed, nor washed with conditioner/fabric softener or dryer softener sheets, as it would reduce the cloth's static electricity! (Boil the cloth to remove any residue, if fabric softener is used). Avoid washing in a load with terry towels, unless you put them in a mesh bag for delicates to prevent lint build up. The cloth should not be used with stainable materials such as paints and inks. It's best to use enviro-safe detergent if possible. DO NOT USE CHLORINE BLEACH or abrasive solutions for cleaning or washing. This will shorten the life span of the cloth.

TERGO ULTRA MICROFIBER GLASS CLEANING CLOTH



- Woven cloth designed for cleaning glass, plexi-glass, chrome, stainless steel and similar smooth surfaces
- Surfaces air-dry to a lint and streak- free shine leaving no residue
- Easily cleans away dirt, smoke film, fingerprints, and more
- Color: Blue
- Composition: 50% Polyester – 50% Polyamide
- Size: 12" x 12"

Part Number	Description
27-1428-00	Tergo Ultra Microfiber Glass Cleaning Cloth

WYPALL® L40 WIPERS



- Convenient, strong and reusable
- Unique Double Re-Crept base sheet technology to absorb liquids efficiently
- Low cost, high quality
- Virtually lint free
- Size: 11" W x 10.4" L
- Color: White
- 90 per box, 9 boxes per case
- Usage can be easily monitored with easy to use Pop-Up® Box
- Durable Pop-Up® box to protect from dirt and water
- Non-abrasive material, soft enough for use on face and hands

Part Number	Description
27-0105-00	Wypall® L40 Wipers

HEAVY DUTY ECONOMIZER TOWELS



- Strong and absorbent
- Great for cleaning machines!
- Large Size: 9.8" x 16.4"
- Non-abrasive material
- 120 wipers per box
- 6 boxes per case
- Color: white

Part Number	Description
27-1388-00	Heavy-Duty EconoMizer Towels

TECHSPRAY PREP PADS



- Pre-saturated isopropyl alcohol packets
- 99.6% pure anhydrous isopropanol for general purpose cleaning
- Excellent for tape head cleaning, removal of fluxes, light oils, polar soils and white mineral residue
- Can be used as a thinner for most fluxes
- Non-ozone depleting
- Safe on plastics
- Zero residue
- Non-corrosive
- 50 pre-saturated packets per box; 10 boxes per case
- Sold in boxes of 50

Part Number	Description
29-0028-00	Techspray Prep Pads

SCOT'S CITRUS CLEAN



- Dissolves tape, tar, gum, permanent marker, glue, grease and more
- Removes chewing gum, price stickers, lipstick, tape residue, crayon, oil, and more
- Water-based non-oily formula contains no petroleum distillates
- Great for use on video games, vending machines and slot machines
- Clean smelling citrus scent
- 8 fl. oz. bottle
- Packed 6 per case

Part Number	Description
29-0237-00	Scot's Citrus Clean Remover

SIMPLE GREEN CLEANER



- Great all-purpose cleaner
- Non-toxic, biodegradable formula removes grease, grime and dirt on parts
- Safe to use cleaning hands
- Water-based concentrate can be used full strength for tough jobs, or dilute for easier jobs
- 1 gallon size, 6 per case

Part Number	Description
29-1037-00	Simple Green Cleaner

DURA SHIELD CLEANER & POLISHER



- Removes dust, grease, fingerprints, smoke, etc.
- Safe to use on Plexiglass, Lexan, Lucite, polycarbonates, and other acrylic surfaces
- Excellent for TVs, VCRs, mirrors, stainless steel, windows, eye glasses, etc.
- Contains no harsh chemicals or abrasives
- Will not harm or dull factory protected finishes
- 16 oz spray bottle - 12 per case

Part Number	Description
29-1129-00	16 oz. Dura Shield Cleaner & Polish

SUZO-HAPP ENVIRO DUSTER - NON-FLAMMABLE



- A powerful blast of compressed air
- Use on electronics, optics and more
- Pinpoint blasting spray
- Non-toxic and odor free
- Non-flammable HFC-134a refrigerant
- High purity – no residue
- Moisture free
- Non-ozone depleting
- 12 oz. can with built-in continuously variable trigger valve and extension nozzle
- 12 per case

SHIPPED UPS GROUND OR TRUCK ONLY

*** This product can only be sold in the state of California for use on energized circuits**

Part Number	Description
29-1900-00	Suzo-Happ Enviro-Duster - Non-Flammable

SUZO-HAPP ENVIRO DUSTER - FLAMMABLE

New



- A powerful blast of compressed air
- Use on electronics, optics and more
- Pinpoint blasting spray
- Non-toxic and odor free
- HFC-152a refrigerant
- High purity – no residue
- Moisture free
- Non-ozone depleting
- 12 oz. can with built-in continuously variable trigger valve and extension nozzle
- 12 per case

Part Number	Description
29-2000-00	Suzo-Happ Enviro-Duster - Flammable

DATAVAC® ELECTRIC DUSTER

New

Never Buy Canned Air Again!



- More effective - Powerful 500-watt electric motor blasts off dust, dirt and debris to keep expensive computer and electronic equipment clan and running at peak efficiency
- More economical – All steel and built to last
- "Greener" – Electric power eliminates the need for dangerous, environmentally damaging aerosol cans
- Safer – Blows clean, dry, filtered air safe for all equipment; contains no dangerous propellants
- Specifications: Construction: All steel Motor: .75HP, single fan, 120V, 4.5A, 500W Air Flow: 70CFM; Weight: 2.75 lbs. Power Cord: 12 ft.; Filter: E/Z-change foam Attachments: Air-Pin Pointer, Air-Concentrator nozzle, Air-Flare nozzle and 4-piece detailing tool kit; Warranty: Lifetime
- Made in USA



Part Number	Description
92-29891-00	DATAVAC® Electric Duster

SUZO-HAPP FELT CLEANER

New

- Specially formulated aerosol spray for Billiard Cloth and Gaming Tables
- Easily lifts stains out of felt
- Great for billiards and gaming tables
- 20 Fl. oz.

SUZO HAPP



Part Number	Description
29-0349-00	Suzo-Happ Felt Cleaner

WILDCAT APC-30 FELT CLEANER

- Pool cloth cleaner; also great for Black-Jack, Craps & other games with felt cloth coverings
- Designed to lift chalk dust, light stains and soil from felt
- Gentle non-staining foam cleaner that lifts the soil to the surface and allows you to wipe the surface clean
- Heavy duty cleaner designed for dirty surfaces
- Also cleans metal, plastic, wood & painted surfaces
- No rinsing needed
- 18 oz. aerosol can, 12 cans per case

SHIPPED UPS GROUND OR TRUCK ONLY



Part Number	Description
29-1001-00	Wildcat APC-30 Felt Cleaner

FOREMOST WONDER CLEANER

- Commercial and industrial formulation for fast removal of soil from glass, enamel, and other hard surfaces, plus leather and plastic fabrics
- Easily and safely penetrates and dissolves smudge, film, scum, food smears, hair spray, bugs, finger marks and soils
- Makes glass sparkle like diamonds
- Brings out the full luster of painted or enamel surfaces
- There is no dulling film
- Great for slot machines, vending machines, arcade games, windows, Formica, counter tops
- Large 22.5 oz. aerosol can
- 12 per case

FLAMMABLE



Part Number	Description
2153ES	Foremost Wonder Cleaner

WILDCAT TOUCHDOWN CLEANER

- Video screen cleaner safely removes dirt, dust, fingerprints & smudges
- Safe to use on touch screens
- Leaves a clean protective coating to repel future grime
- Helps prevent scratches
- 16 oz. bottle
- New style bottle prevents evaporation
- 12 per case



Part Number	Description
29-1030-00	Wildcat Touchdown Cleaner

WILDCAT TR-60 TAPE REMOVER

- Safely removes tape & adhesive from most surfaces
- 16 oz. squeeze bottle
- New style bottle prevents evaporation
- 12 per case

SHIPPED UPS GROUND OR TRUCK ONLY



Part Number	Description
29-1004-00	TR-60 Tape Remover

FLUX REMOVER & CLEANER

- Removes all types of organic flux
- Pinpoint applicator supplied
- Convenient, fast and ready to use
- Non-flammable
- 16 oz. can
- 12 cans per case



Part Number	Description
29-1134-00	Flux Remover and Cleaner

ISOPROPYL ALCOHOL

- Extremely pure alcohol
- Frequently recommended by manufacturers of tape drives
- Leaves no residue
- Non-aerosol
- Screw-top can
- 16 oz. can
- 12 cans per case

FLAMMABLE



Part Number	Description
29-1125-00	Isopropyl Alcohol

TECHSPRAY™ FLUX REMOVER G3

- Designed specifically for removing R, RA, RMA and SA type flux residues after high temperature reflow.
- Can also be used as an all-purpose cleaner to remove light oils, silicones, waxes, greases and other similar contaminants
- Formulated to be a direct replacement for all defluxers containing HCFC-141b
- Non-ozone depleting
- Non-flammable
- Safe on most plastics
- Zero residue
- Rapid evaporation
- 16 oz. aerosol
- Tech Spray No. 1631-16S



TECHSPRAY

SHIPPED UPS GROUND OR TRUCK ONLY

Part Number	Description
29-0207-00	Techspray™ Flux Remover G3

TECHSPRAY™ TECHCLEAN SMT BLUE WIPES

- Specifically designed for general maintenance
- Lint free - particle free
- Extra absorbent to capture liquids
- Cellulose/polyester wipes with extra low particulate and chemical extractables
- Sold in packages of 300
- Towel size: 9" x 9"



TECHSPRAY

Part Number	Description
27-0038-00	Techspray™ TechClean SMT Blue Wipes

TECHSPRAY™ BLUE SHOWER G3 CLEANER/DEGREASER

- Effective in cleaning electronic equipment, machinery, metal parts and other general cleaning applications
- Innovative blend designed for precision cleaning of polar and non-polar soils including hand and solder oils, greases, silicones, fluxes, etc.
- New patented technology is direct replacement for all cleaner/degreasers containing HCFC-141b
- Non-ozone depleting
- Non-flammable
- Safe on most plastics
- Zero residue
- Rapid evaporation
- 16 oz. aerosol
- Tech Spray No. 1630-16S



TECHSPRAY

SHIPPED UPS GROUND OR TRUCK ONLY

Part Number	Description
29-0209-00	Techspray™ Blue Shower G3 Cleaner/Degreaser

TECHSPRAY™ ENVI-RO-TECH FREEZER

- HFC-134a based rapidly evaporating liquid that chills to -62°F
- Used as a troubleshooting aid for electronic components
- Detects cold solder joints, printed circuit board cracks and oxidized junctions
- Will not harm the ozone
- Net wt. 10 oz., 12 per case



TECHSPRAY

SHIPPED UPS GROUND OR TRUCK ONLY

Part Number	Description
29-1056-00	Techspray™ Envi-Ro-Tech Freezer

TECHSPRAY™ CONTACT CLEANER G3

- Precision blend designed for removing oils, greases, silicones, dirt and other grime from all types of switches, relays, contact pads and other electrical connections
- New patented technology is direct replacement for all contact cleaners containing HCFC-141b
- Non-ozone depleting
- Non-flammable
- Safe on most plastics
- Zero residue
- Rapid evaporation
- 16 oz. aerosol
- Tech Spray No. 1632-16S



TECHSPRAY

SHIPPED UPS GROUND OR TRUCK ONLY

Part Number	Description
29-0208-00	Techspray™ Contact Cleaner G3

TECHSPRAY™ ZERO CHARGE® SCREEN & KEYBOARD CLEANER

- Eliminates static charge from sensitive surfaces and provides long-term static protection
- For optical clarity and distortion free reading
- Removes hand oils, ink marks, dust, fingerprints, nicotine, syrup, carbon and other soils
- Safe on plastic, ceramics, glass, metal and elastomers
- Non-streaking
- Non-ozone depleting
- 50 pre-saturated packets per box; 10 boxes per case
- Sold in boxes of 50



TECHSPRAY

Part Number	Description
29-0059-00	Techspray™ Zero Charge® Screen and Keyboard Cleaner

B-404 EARTH FRIENDLY LUBRICANT

New

- High performance all-purpose lubricant and penetrant
- Formulated with optimized USA-grown natural vegetable oils and selective additives
- Made without chlorine or regulated toxins
- B-404 clings to surfaces and does not evaporate providing lubrication longer than conventional petroleum-based products
- Safe for all metals
- Unique valve and actuator allows for 360-degree spraying from any angle including inverted
- Great for lubricating moving parts and loosening rusted and frozen bolts
- Blocks moisture and prevents rust
- 100% biodegradable
- Natural lubricant solution is safe for users and environment
- Net wt. 11.5 oz
- 12 cans per case



Part Number	Description
29-0781-00	B-404 Earth Friendly Lubricant

WD-40® SMART STRAW

New

- New Smart Straw features a permanently attached straw that sprays two ways
- Simply flip it up for a precision stream and down for a regular spray action
- Lubricates – contains no additives that attract dust and dirt
- Cleans – gets under dirt, oil, grease & grime to clean the surface
- Displaces moisture and is a non-conductor of electricity
- Quickly eliminates moisture-induced short circuits
- Penetrates to loosen rust from metal
- Protects with corrosive-resistant ingredients



Part Number	Description
29-1044-08	WD-40®, 8 0z. Aerosol can, 12 per case
29-1044-12	WD-40®, 12 0z. Aerosol can, 12 per case

BUTANE GAS REFILL

- Premium grade butane
- For use with Portasol soldering tool and similar tools
- Contains no contaminants
- Will not clog valves or deactivate catalytic conversion materials
- Net Wt. 3 fl.oz.
- Can be shipped via ground only



Part Number	Description
29-1055-00	Butane Gas Refill

ZOOM SPOUT® OILER

- The finest all-purpose turbine oil uniquely packaged to reach those hard to get to areas
- Telescoping spout extends out of the bottle up to 14" long
- A must for every toolbox
- Withstands high temperatures
- Net wt. 4 fl. oz., 72 per case



Part Number	Description
29-1033-10	Zoom Spout® Oiler

TUFOIL® LUBIT8®



- Light weight, pen size oiler dispenses 1 drop of oil at a time, when and where you want it
- Pocket clip makes it easy to carry all the time
- 1/4 fl. oz.

Part Number	Description
29-1036-00	Tufoil® Lubit 8®

MR. ZIP® EXTRA FINE GRAPHITE



- Mr. Zip® Extra Fine Graphite
- Dry powder graphite is great for lubricating all surfaces including wood, metal, plastic & rubber
- .21 oz. tube (6g)
- 12 per case

Part Number	Description
29-1010-00	Mr. Zip® Extra Fine Graphite

LUBRIPLATE

- This paste-like lubricant works great on gears, motors, engines
- Provides protection against friction, wear, heat, rust & corrosion



Part Number	Description
29-1023-00	Lubriplate 14 oz. can
29-1059-00	Lubriplate 1-3/4 oz. tube

ACID BRUSH



- 6" long
- 4 per card
- Sold each or by the card

Part Number	Description
89-0224-00	Acid Brush

PARTS CLEANING BRUSH



- Great for washing parts
- Wooden handle
- Nylon bristle
- 10" long

Part Number	Description
89-0221-00	Acid Brush

CONDENSOR FIN WISK BRUSH

- Clean the dirty fins in back of your machines



Part Number	Description
27-2026-00	Condensor Fin Whisk Brush

TECHSPRAY™ TECHNICAL CLEANING BRUSH



- 4-1/2" plated steel handle
- 1/4" and 3/16" horse hair bristles
- Ref. No. 2032-1

Part Number	Description
89-0009-00	TechSpray™ Technical Cleaning Brush

DOUBLE HEADED CLEANING SWABS

- Cotton tips swabs for general cleaning with alcohol, Freon TF, 1,1,1 Trichloroethene, etc.
- 6" long



Part Number	Description
92-0028-100	Double Headed Cleaning Swabs (bag of 100)
92-0028-10	Double Headed Cleaning Swabs (bag of 1000)

BRASS WIRE BRUSH



- Wooden handle with brass bristles
- 7 3/4" long x 7/16"

Part Number	Description
89-0220-00	Brass Wire Brush

BRUSH



- Available in 1" width only

Part Number	Description
89-0223-00	1" Brush

PLASTIC SPRAY BOTTLE

- Trigger Release
- 24 oz. size



Part Number	Description
29-1122-00	Plastic Spray Bottle

CAUTION SAFETY TAPE

- Non-pressure sensitive vinyl barricade tape
- High visibility
- 3" W x 1000 ft.
- 8 per case



Part Number	Description
27-1224-00	Caution Safety Tape

3M™ SPRAY ADHESIVE

3M SPRAY ADHESIVE #74
- Quick tack in bonding most materials: cloth, wood, plastics and metal
- 23.25 fl. oz.

3M SPRAY ADHESIVE #76
- Longer tack time – bonding in 10 minutes for a single sprayed surface, 1 hour for two coated surfaces
- Adjustable spray allows varied widths to be sprayed, eliminates spraying of too much adhesive
- 23.5 fluid oz.

3M SPRAY ADHESIVE #77
- Will initially "grab" the material, but allows time to adjust before permanent bonding
- 23 fluid oz.

3M SPRAY ADHESIVE #90
- Exceptionally strong contact adhesive
- One minute dry time
- Adjustable spray tip allows varied widths to be sprayed
- Bonds decorative laminates wood, metal, plastics and many other materials
- 16.6 fluid oz.



#74 #76



#77 #90

3M SHIPPED UPS GROUND OR TRUCK ONLY

NOTE: #74, #76, #77 cannot be sold in the state of California

Part Number	Description
29-1006-00	3M Spray Adhesive #74, 12 per case
29-1007-00	3M Spray Adhesive #76, 12 per case
29-1008-00	3M Spray Adhesive #77, 12 per case
29-1069-00	3M Spray Adhesive #90, 12 per case

GOO GONE® PRO-POWER SPRAY GEL

- Stick with a winner that sticks
- Now in a spray gel that sticks where you spray
- New drip-free formula eliminates the mess
- Say "Goo-Bye" to sticky, gummy, greasy, gooey problems
- Safe to use on almost any surface
- Safe to breathe, natural orange scent
- Quickly eliminates: paint, adhesive, price stickers, decals, tape residue, chewing gum, oil and printer's ink
- Works great on vertical surfaces
- 14 oz. spray bottle, 12 per case

FLAMMABLE



Part Number	Description
29-0002-00	Goo Gone® Pro Power Spray Gel

SUZO-HAPP SPRAY ADHESIVE

- Pressure sensitive adhesive
- Strong, instant tack
- 14 oz. can
- 12 per case

SUZO HAPP

SHIPPED UPS GROUND OR TRUCK ONLY



*This product cannot be sold in the state of California

Part Number	Description
29-1017-00	Suzo-Happ Spray Adhesive

3M SCOTCHGRIP 10 CONTACT ADHESIVE

- Great solvent based adhesive
- Bonds to a wide variety of materials including many metals
- Fast drying - typically in 5 to 10 minutes
- Moisture resistant
- Sold in one quart cans (32 oz.)

3M SHIPPED UPS GROUND OR TRUCK ONLY



Part Number	Description
29-1068-00	3M Scotchgrip 10 Contact Adhesive
89-0223-00	1" Brush

ECLECTIC E-6000™ ADHESIVE SEALANT

- Silicone type texture that dispenses like caulk
- Aggressively grabs surface and holds; will stretch, but won't let go
- Great for sealing doors of machines
- Adheres to cement, metal, glass, tile, plastic, rubber, leather, wood & vinyl
- Waterproof/Non-flammable
- Net weight 3.7 fl. oz. tube
- 12 per case



Part Number	Description
29-1021-18	Eclectic E-6000™ Adhesive – Clear

ORIGINAL GOO GONE®

- Nothing removes sticky, gummy, gooey, greasy spots and stains better
- It really works – anywhere, anytime, on practically anything!
- Removes stickers, grease, oil, gum, tar, crayon, tape, lipstick, etc.
- Safe to use on virtually any surface – clothing, carpets, upholstery, vinyl, metal, wood, tile, you-name-it
- Pleasant citrus odor
- 8 oz. liquid
- 12 per case

FLAMMABLE



Part Number	Description
29-1178-00	Original Goo Gone®

INSTANT KRAZY® GLUE

- No mixing, no mess
- One drop application
- Ideal for plastic, metal, rubber, glass and ceramic
- Net wt. .07 oz. (2g)



INSTANT KRAZY GLUE — SHIPPED UPS GROUND OR TRUCK ONLY

Part Number	Description
29-1044-00	Instant Krazy® Glue - All Purpose

KRAZY® GLUE WITH PRECISION APPLICATOR

- No-clog applicator
- Easy seal hanger cap
- Advanced formula bonds faster than many ordinary super glues
- Larger 5 gram size
- Best for plastic, wood, ceramic, rubber, metal and glass
- Net Wt. 0.18 oz. (5g)

INSTANT KRAZY GLUE — SHIPPED UPS GROUND OR TRUCK ONLY



Part Number	Description
29-1185-00	Krazy® Glue with Precision Applicator

KRAZY® GLUE GEL

- Best for vertical applications
- Glues up, down and sideways
- Allows repositioning
- No-clog applicator
- Bonds porous surfaces
- Larger 4 gram size
- Best for plastic, leather, wood, ceramic, rubber, metal and pottery
- Net Wt. 0.14 oz. (4g)



INSTANT KRAZY GLUE — SHIPPED UPS GROUND OR TRUCK ONLY

Part Number	Description
29-1159-00	Krazy® Glue Gel

LOCTITE 242® THREADLOCKER

- Locks threaded fasteners against vibration loosening
- Prevents leaks and rusting of threads
- Parts can be disassembled with hand tools
- Ideal for fasteners 1/4" to 3/4" (6 to 20 mm) in size
- O.E.M. specified as 242® Blue
- Net 0.08 fl. oz.

LOCTITE®



Part Number	Description
29-1146-00	Loctite 242® Threadlocker

BARGE CEMENT

- Great for recovering of pool tables
- Bonds clean, dry surfaces
- Bonds many times stronger than the strength of items being glued



Part Number	Description
29-1024-00	Barge Cement, 2 oz. Tube
29-1047-00	Barge Cement, Quart

DEVCON 5-MINUTE EPOXY

- Ideal for making quick repairs to metals, ceramics, wood and concrete
- Forms a clear strong bond in just 5 minutes and cures to full strength in less than one hour at room temperature
- 1 oz. size, 24 per case

FLAMMABLE — Ground Freight Only



Part Number	Description
29-1054-00	Devcon 5-Minute Epoxy

SUPER ADHESIVE

- Ethyl Cyanoacrylate Adhesive
- Forms strong, lasting bonds in seconds between either similar or dissimilar materials—metal, porcelain, plastic, glass, most rubbers, hardwoods, and other non-porous materials with smooth, close-fitting surfaces
- The bond resists softening at temperatures up to 320°F (160°C)
- Cures to a strength of 5000 psi
- Fills gaps to .003"
- Meets Mil. Spec. MIL-A-46050C Type I Class 2
- 1 fl. oz. [29 ml.] Bottle



Part Number	Description
29-0142-00	Super Adhesive

TECHSPRAY™ TECH HOLD®

- General Purpose, single component, cyanoacrylate adhesive
- High strength, fast bonding and high impact holding
- Fast acting and durable bonding
- Meets or exceeds MIL-A-46050C Type II, Class 2
- 3 grams

TECHSPRAY



Part Number	Description
29-0195-00	Techspray™ Tech Hold®

3M HIGH AIR FLOW ELECTROSTATIC FILTER SYSTEM

New

- Filters specially designed to protect electronics from contaminants like smoke, dust, dirt, debris and carpet fibers from the air intakes on slot machines, vending machines, arcade games, ATMs, kiosks and computers
- 3M HAF-E filters utilize novel microstructured features shaped in a hollow triangle pattern (figure 1) to increase filter surface area to allow high air flow rates while minimizing pressure drop across the filter. Filter effectiveness is maximized by utilization of 3M's proprietary electrostatic filter surface to attract and capture fine particulates and smoke while providing a low pressure drop
- Keeps your machines running clean and cool (filter only contributes ≤ 5 degree F increase under normal conditions)
- Filter system protects machine from most contaminants and provides for a reduction of the labor costs required for weekly and or monthly preventative maintenance cleaning of a device interior.
- Improve air quality for your games and avoid failures due to hardware overheating
- Initial low flow resistance (maximized air ventilation)
- Improve air quality for casino guest's right at the machine level
- Easy to install on outside of slot machine cabinet over existing "air intake" area using 3M VHB tape
- For maximum effectiveness, change filter every three months (depends on conditions)
- Filter change can be performed with no special tools and does not require taking the equipment out-of-service
- Durable Black plastic frame with White High Air Flow (HAF-E) Filter
- Size: 5.1" W x 10.7" L x .90" Thick

3M

Part Number	Description
3600B	3M High Air Flow Electrostatic Filter System Kit (Mounting Bracket + Filter)
3600	3M High Air Flow Electrostatic Replacement Filter



3600B
Filter & Bracket Assembly



Bracket
Adhesive Mounting Strips



Filter &
Bracket Assembly Latch



Figure 1



Installed



3600
Replacement Filter Assembly



FLUORESCENT LAMPS

- Highlight your products with these top quality fluorescent lamps
- Name brands
- Sold in case quantities only

IMPROVED BULB PACKAGING
ELIMINATES BULB BREAKEAGE
CAUSED DURING SHIPMENT
WE GUARANTEE IT



Part Number	Fluorescent	Watts	Length	Case Qty.
91-3000-00	F4T5/CW	4	6"	25
91-3001-00	F6T5/CW	6	9"	25
91-3002-00	F8T5/CW (Philips)	8	12"	25
91-1002-00	F10T5/CW	10	16.2"	25
91-3004-00	F13T5/CW	13	21"	24
91-3005-01	F13T8/CW	13	12"	24
91-3006-01	F14T8/CW (Sylvania)	14	15"	24
91-1113-00	F14T12/CW	14	15"	30
91-3008-04	F15T8/CW (Philips-Not Alto)	15	18"	96
91-3008-01	F15T8/CW (Sylvania)	15	18"	24
91-3008-02	F15T8/CW (GE)	15	18"	24
91-0760-00	F15T8/865	15	18"	24
91-3018-00	F15T8/BLB	15	18"	6
91-3043-00	F15T12/D	15	18"	30
91-0911-00	F15T12/CW	15	18"	6
91-0183-00	F017/865XP/ECO	17	24"	30
91-0716-00	F17T8/CW	17	24"	25
91-3009-00	F18T8/CW/K/24 F24T8/CW/4	18	24"	24
91-3010-00	F18T8/CW/K/26 F26T8/CW	18	26"	24
91-3011-00	F18T8/CW/K/28 F28T8/CW/4	18	28"	24
91-3012-10	F18T8/CW/K/30 F30T8/CW/4	18	30"	24
31190	F20T10/D	20	23.375"	20
91-0652-00	F20T12/BLB	20	24"	6
91-0088-00	F025/741 (T8)	25	36"	30
91-3014-00	F20T12/D	20	24"	30
91-0652-00	F20T12/BLB	20	24"	6

LAMP SELECTION GUIDE		
Bulb Dia.	T5	5/8"
	T8	1"
	T10	1-1/4"
	T12	1-1/2"
Base	MDB	Medium Bi Pin
	MNB	Miniature Bi Pin
	SP Pin	Single Pin
	RDC	Recessed Double Contact
Length	Measure full length from pin tips	
Type	BLB	Black Light Blue
	HO	High Output. For use in outdoor signs. Starter required
	CW	Cool White
	D	Daylight
	IS	Instant Start. Slimline type with 1 pin. No starter required
	PH	Preheat. Requires starter.
	PH-RS	Preheat Rapid Start. May be used with or without starter
	RS	Rapid Start. No starter required
	UBENT	U shaped lamp
	WW	Warm White

Part Number	Fluorescent	Watts	Length	Case Qty.
91-3013-00	F20T12/CW (Alto)	20	24"	30
91-0669-00	F22T8/D/24	18	22"	24
91-0655-00	F25T8/SPX30	25	36"	24
91-3016-00	F25T12/D/28	25	28"	24
91-3017-10	F25712/CW/28	25	28"	30
91-3039-00	F25T12/CW/30	25	30"	30
91-3020-00	F25T12/CW/33	25	33"	30
91-3025-00	F25T12/D/33	25	33"	24
91-3021-10	F30T8/CW (Sylvania)	30	36"	24
91-0115-00	F30T8/D	30	36"	24
91-3022-00	F30T12/CW/RS	30	36"	30
91-3023-00	F30T12/D/RS	30	36"	30
91-3024-00	F32T8/SP41	32	48"	36
91-0200-00	F32T8/SP65	32	48"	36
91-3026-00	F35/CW/U3	35	24"	12
91-1185-00	F36T12/CW/SP	30	36"	30
91-0157-00	F40T8/SPX41	40	60"	24
91-3050-00	F40T10CW	40	48"	30
91-0958-00	F40BLB	40	48"	6
91-3027-00	F40/CWX* (T-12)	40	48"	30
91-3028-00	F40DX** (T-12)	40	48"	30
91-1188-00	F42T12/CW	36	42"	24
91-3052-00	F48T12/D-SP	40	48"	30
91-1243-00	F60T12/CW	50	60"	30
91-3029-00	F60T12/D-SP	50	60"	15
91-0668-00	F64T12/CW	50	64"	30
91-3030-00	F64T12/D-SP	52	64"	30
91-3031-00	F72T12D-SP (Alto)	55	72"	15
91-3032-00	F72T12/CW-SP	56	72"	15
91-3033-00	F96T12/CW-SP***	60	96"	15

*Replacement for F40CWI
**Replacement for F40DI
***F96 lamps shipped by truck only

ECONOMY FLUORESCENT LAMPS



IMPROVED BULB PACKAGING
ELIMINATES BULB BREAKEAGE
CAUSED DURING SHIPMENT
WE GUARANTEE IT

- Top Quality
- Sold by the case only

Part Number	Fluorescent	Watts	Length	Case Qty.
91-3000-10	F4T5CW	4	6"	100
91-0007-00	F4T5D	4	6"	100
91-3001-10	F6T5CW	6	9"	50
91-3002-10	F8T5CW	8	12"	50
91-0011-10	F10T8CW	10	14"	25
91-0023-00	F14T8CW	14	15"	25
91-0282-00	F14T8D	14	15"	25
91-3042-10	F15T8D	15	18"	25
91-3008-03	F15T8CW	15	18"	25

HIGH OUTPUT FLUORESCENT LAMPS

- Extra bright illumination increases the attractiveness of your machines, creating more demand for your products
- All high output lamps are recessed double pin contacts
- Top quality name brands
- Sold in case quantities only



IMPROVED BULB PACKAGING
ELIMINATES BULB BREAKEAGE
CAUSED DURING SHIPMENT
WE GUARANTEE IT

Part Number	Fluorescent	Watts	Length	Case Qty.
91-1175-00	F24T12/CW/HO	35	24"	30
91-0909-00	F48T12/CW/HO	60	48"	24
91-0672-00	F48T12/D/HO(Alto)	60	48"	15
91-3034-10	F64T12/CW/HO	80	64"	30
91-3035-10	F64T12/D/HO	80	64"	30
91-3036-00	F72T12/D/HO	85	72"	15
91-0022-00	F72T12/CW/HO	85	72"	15

MOD-U-LINE/CIRCLINE FLUORESCENT LAMPS



91-3026-00



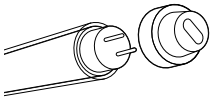
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Part Number	Fluorescent	Watts	Length	Case Qty
91-3026-00	F35CW/U/3	35	24"	12
91-0159-00	FC6T9/CW/RS	22	6.5"	12
91-0046-00	FC8T9/CW	22	8.25" dia.	12
91-0787-00	FC8T9/D	22	8.25" dia.	12
91-0099-00	FC12T9/CW/RS	32	12" dia.	12
91-0088-00	FO25/741(T8)	25	36"	30
91-0217-00	F032/865/XP	32	48"	30

PROTECT-A-LAMP™ FLURORESCENT SAFETY SLEEVE



- Unbreakable clear plastic sleeve protects any area in case of shattering glass
- Reusable
- Includes 2 end caps; accommodates both single and double pin lamps
- Ideal for “reach-in” type machines



Part Number	Description
91-1172-00	Fluorescent Safety Sleeve for T12 Lamps
91-1183-00	Fluorescent Safety Sleeve for T8 Lamps
91-1179-00	End Caps Only, for T12 Safety Sleeve
91-1184-00	End Caps Only, for T8 Safety Lamp

FLUORESCENT LIGHT FIXTURE



- For video game marquees, workshops, storage rooms, under cabinets, etc.
- Includes everything – F15T8 lamp, electronic ballast, starter and sockets
- Plastic cover for better light diffusion
- Easy to install
- Overall length: 20-3/8"
- Two wire leads for connection
- On/Off switch

Part Number	Description
1850	Fluorescent Light Fixture

FLUORESCENT LIGHT FIXTURE



- 3 ft electrical cord
- Overall length: 48"
- For workshops, storage rooms, under cabinets, etc.
- Easy to install – hardware included
- Plastic cover for better light diffusion
- Includes everything - F36T8 lamp, electronic ballast, starter and sockets

Part Number	Description
91-0027-00	48" Fluorescent Light Fixture

FLUORESCENT LIGHT FIXTURE



- 5 ft hideaway cordset
- On/Off switch
- UV stabilized diffuser
- Mounting screws included
- 60 watt light output, uses 15 watts
- Utility lighting mounts almost anywhere
- Compact size: 18" W x 3.5" D x 1.5" H
- F15T8 fluorescent bulb included
- Proudly Made in USA
- UL & CSA

Part Number	Description
91-0211-00	Fluorescent Light Fixture

COMPACT FLUORESCENT LAMPS

New

- Electronic self-ballasted compact fluorescents
- 8,000 hour life
- 4100K color temperature
- Medium screw base
- 24 per box



Part Number	Watts	Replaces
91-2486-00	13W	60W Incandescent
91-2557-00	19W	75W Incandescent
91-2629-00	23W	100W Incandescent

PLUG-IN COMPACT FLUORESCENT LAMP

- Replaces 150-Watts incandescent lamp
- Flat profile makes a perfect choice for slim, attractive luminaries
- Works great on either wall or ceiling applications
- 8" x 8" x 1"
- 4 pin plug-in lamp socket



Part Number	Watts	Description
91-0918-00	5W	F38/2D/827/4P

COMPACT FLUORESCENT LAMPS

- Energy and space saving compacts for the new model machines
- Radiates equal amounts of light as traditional fluorescent, in a fraction of the space
- American made

TYPE A (2 PIN)



TYPE B (4 PIN)



Part Number	Fluorescent	Watts	Type
91-3037-00	F5 Compact, 2700K	5	A
91-1043-00	F5 Compact, 4100K	5	A
91-3038-00	F7 Compact, 2700K	7	A
91-3041-00	F13 Compact, 2700K	13	A
91-1177-00	F9 Compact, 2700K	9	A
91-0188-00	F9 Compact, 3500K	9	A
91-0966-00	F9 Compact, 4100K	9	A
91-0999-00	F5 Compact (used on WMS Bluebird)	5	B
91-0166-00	F9 Compact, 2700K	9	B
91-0979-00	F40, 4100K	40	B

UNIVERSAL WHITE COLD CATHODE LAMP AND POWER SUPPLY

New



CCFL LAMP

- Universal 4" or 12" white Cold Cathode lamp is great fluorescent replacement for kiosks, signs, computer cabinets, etc
- 4" Lamp Size: 3.9" x 0.16"
- 12" Lamp Size: 12" x 0.16"
- Tube Voltage: 180 ~ 800V
- Average Life: 15,000 hours
- Power supply sold separately below

POWER SUPPLY

- Input Voltage: 12V
- Output Voltage: 180 ~ 800V
- Current Consumption: 375mA
- Size: 2.40" x 0.83" (height: 0.59")
- 10" input power cable with 2-pin connector

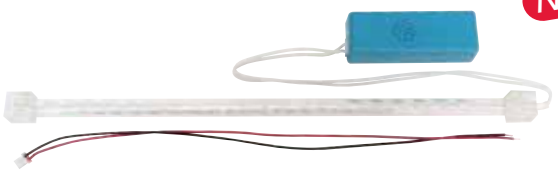


POWER SUPPLY

Part Number	Description
91-15577-00	Universal 4" White Cold Cathode Lamp
91-16111-00	Power Supply for 4" Cold Cathode Lamp
91-15754-00	Universal 12" White Cold Cathode Lamp
91-15932-00	Power Supply for 12" Cold Cathode Lamp

12" COLD CATHODE WITH POWER SUPPLY

New



- Ideal for kiosks, signs, computers, etc.
- 11.8" white cold cathode lamp in a clear plastic housing
- Housing supplied with double face tape for easy mounting
- Power inverter included: input 12VDC; 400mA
- Average life: 15,000 hours
- Average brightness: 15000CD/m2
- Dimensions:
  Tube housing: 12.2" x 0.47" x 0.47"
  Tube: 11.8" x 0.16"
  Power supply: 3.3" x 1.0" x 0.7"
- Packaging: 100 per carton; 10 per inner carton

Part Number	Description
91-16291-00	12" Cold Cathode Fixture with Power Supply

COLD CATHODE LAMP TESTER

New



- Includes 36" AC plug-in cord, 2-pin JST connection adaptor and in-line rotary on/off switch

Part Number	Description
91-6671-00	Cold Cathode Lamp Tester

COLD CATHODE AND INVERTER TESTER

New



- Tests the inverter and cold cathode lamp
- Lets you know which one is not working or if both are not working
- Included are AC adaptor, 2-pin JST connection adaptor and on/off toggle switch

Part Number	Description
91-10732-00	Cold Cathode and Inverter Tester

STARTERS

- Deluxe starters are UL/CSA listed
- Deluxe starters include ceramic condenser which greatly increases the life of the starter
- All starters are pre-tested to insure top quality
- 25 per box
- Minimum order of 5



Part Number	Watts	Description
91-2000-00	14, 15, 20	FS-2 Deluxe w/condenser
91-2001-00	30, 40	FS-4 Deluxe w/condenser
91-2002-00	4, 6, 8	FS-5 Deluxe w/condenser
91-2003-00	18, 22, 25	FS-25 Deluxe w/condenser
91-0949-10	4-65	S-2 Philips Starter w/o condenser
91-0949-00	4-22	S-10 Philips Starter w/o condenser

FS-U UNIVERSAL STARTER

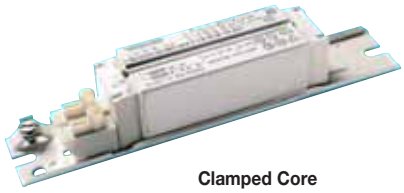
- Eliminates the need to carry 3 different starters
- Replaces the FS2, FS4, and FS5 starters
- 4-30 Watts; 120V
- UL listed
- With condenser
- 25 per box
- Minimum order of 5



Part Number	Description
91-0178-00	FS-U Universal Starter

BALLASTS

- Top quality ballasts made durable for extra long life
- Low noise
- American made



Clamped Core



Encased & Potted

Part Number	Same as Advance No.	Same as GE No.	Watts	Lamp Type	Used On	Volts	Leads Color/ Length	Lamps	Ballast Type
91-0039-00	LO-13-22	2X463	13, 14, 15, 20	T8, T12 Preheat Straight	F13, F14, F15, F20	120	1 Black 6" 1 White 6" 1 Yellow 11" 1 Black 11" 1 Red 11" 1 White 11"	1	Encased & Potted
91-0040-00	_	_	25	T12 Preheat Straight	F25	120	1 Black 14" 1 White 14" 1 White 22" 1 Red 22" 1 Yellow 22" 1 Blue 22"	1	Encased & Potted
91-0124-00	LPL—5-9	6V836	4, 6, 8	T5 Straight Preheat	F4, F6, F8	120	2 Black 9"	1	Encased & Potted
91-0128-10	R-2S40-1-TP	6X922	34, 40	T10 & T12 Straight Rapid Start T12 U-Shaped Rapid Start	F40	120	1 Black 20" 1 White 20" 2 Blue 25" 2 Red 25" 2 Red 25" 2 Yellow 35"	2	Encased & Potted
91-0905-10	LS-113-TP	_	13	T5 Preheat Straight	F13	120	1 White 15" 1 Blue 15" 1 Black/White 15"	1	Encased & Potted
91-1226-00	LC-4-9-C	6V834	4, 6, 8	T5 Straight Preheat	F4, F6, F8	120	2 Black 10"	1	Clamped Core
91-1228-00	LC-14-20-C	2X463	14,15, 18, 19, 20	T8,T12 Preheat Straight	F14,F15, F18, F19, F20	120	1 Black 17" 1 Black 14"	1	Clamped Core
91-1229-01	LC-25	6V833	25	T12 Preheat Straight	F25	120	1 Black 7" 1 Black 22"	1	Clamped Core
91-1230-00	_	_	30, 40	T12 Preheat Straight	F30, F40,	120	1 Black 26" 1 Blue 26" 1 White 26"	1	Clamped Core

T 1-3/4 AND T 3-1/4 WEDGE BASE LED



SINGLE LED



CLUSTER LED

- Save time and money by replacing your lamps with LEDs
- LEDs are maintenance free, lasting an average of 100,000 hours
- LEDs can reduce power consumption up to 80%
- Great for use on illuminated pushbuttons including poker / VLT pushbuttons
- Replace standard T 1-3/4 and T 3-1/4 wedge base lamps
- T 1-3/4 will also fit T 1-1/2 bases
- Designed to be drop-in replacements
- Direct replacements for 73, 86, 161, 194, 555 bulbs
- LEDs are equipped with a resistor

Part Number	Color	Base	LED Type	Volts	Lamp
91-5WB-61W2	White	T 1-3/4	Single (1)	6 vdc	#86
91-5WB-121W2	White	T 1-3/4	Single (1)	12 vdc	#73
91-5WB-121Y2	Yellow	T 1-3/4	Single (1)	12 vdc	#73
91-5WB-121R2	Red	T 1-3/4	Single (1)	12 vdc	#73
91-5WB-121G2	Green	T 1-3/4	Single (1)	12 vdc	#73
91-5WB-121B2	Blue	T 1-3/4	Single (1)	12 vdc	#73
91-10WB-53W	White	T 3-1/4	Cluster (3)	6 vdc	#259, #555
91-10WB-53Y	Yellow	T 3-1/4	Cluster (3)	6 vdc	#259, #555
91-10WB-53R	Red	T 3-1/4	Cluster (3)	6 vdc	#259, #555
91-10WB-53B	Blue	T 3-1/4	Cluster (3)	6 vdc	#259, #555
91-10WB-123W	White	T 3-1/4	Cluster (3)	12 vdc	#161, #194
91-10WB-123Y	Yellow	T 3-1/4	Cluster (3)	12 vdc	#161, #194
91-10WB-123R	Red	T 3-1/4	Cluster (3)	12 vdc	#161, #194
91-10WB-123G	Green	T 3-1/4	Cluster (3)	12 vdc	#161, #194
91-10WB-123B	Blue	T 3-1/4	Cluster (3)	12 vdc	#161, #194

T 3-1/4 WEDGE BASE LED

- Replaces standard T-3-1/4 wedge base incandescent lamps with long life, low power LEDs
- Designed to be drop in replacements for all the most popular miniature lamps
- Direct replacement for 161, 194, 259 bulbs
- LEDs have resistor on board
- Used for replacement for Illuminated pushbuttons



Part Number	Color	Voltage	Lamp
91-1157-00	Red	6vdc	#259
91-1158-00	Red	12vdc	#161, #194

T 1-3/4 WEDGE BASE LED

- High quality wedge base LED
- Best LED for color consistency, rated 100,000 hours
- Works well with bill validators and illuminated push buttons
- Color: White
- RoHS compliant



Part Number	Description
161-412059	12V T 1-3/4 Wedge Base LED, White

LED WEDGE BASE T 3-1/4 LAMP

- Ref.# WF321-OCW-014B-00
- White, 12V DC bi-polar



Part Number	Description
91-0750-00	LED Wedge Base T 3-1/4, White

6 CLUSTER WHITE LED

New

- 6 LEDs
- E10 screw base
- Color: white
- 12v



Part Number	Description
91-1024-00	6 Cluster White LED

SUZO-HAPP ECONOMY T 1-3/4 LEDS

- Save time and money by replacing your lamps with LEDs
- LEDs are maintenance free, lasting an average of 100,000 hours
- Great for use on illuminated pushbuttons including poker / VLT pushbuttons
- LEDs can reduce power consumption up to 80%
- T 1-3/4 will also fit T 1-1/2 bases
- Designed for drop-in replacement
- LEDs are equipped with a resistor



Part Number	Color	Base	LED Type	Volts
161-205059	White	T 1-3/4	Single (1)	6 vdc
161-212059	White	T 1-3/4	Single (1)	12 vdc
161-224059	White	T 1-3/4	Single (1)	24 vdc

TIVOLI BASE LED LAMPS





- Used in Mikohn signs
- 28 VDC

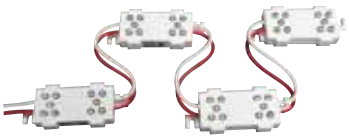
Part Number	Description
70-1445-00	Tivoli Base White LED, White
70-1445-10	Tivoli Base White LED, Red
70-1445-20	Tivoli Base White LED, Blue
70-1445-40	Tivoli Base White LED, Yellow

LED MODULES

New

- LED modules offer brightness, uniform color and glow for many applications
- Can be mounted in various shapes on a variety of materials with self adhesive backing
- Modules are 2" (50mm) x 0.8" (20mm)
- 10 LEDs per module
- Voltage: 12VDC
- Pricing per foot; 50 ft. per roll
- One roll minimum purchase
- Power supply (sold separately) necessary for installation





Part Number	Used In	LED Color	Modules/ft.	Lifetime (Hours)
91-14029-00	Many	White	3.5	20,000
91-14197-00	Benchmark	Red	3	50,000
91-14366-00	Bay Tek	White	2	20,000
771-16212	12V Power Supply			

ROPE LIGHTING

- UL approved
- Use indoor or outdoor
- Sold with Red or Clear tubing
- 1/2" diameter, 110V & 220V
- Sold per foot, minimum 10 feet
- Can be cut with scissors
- 20,000 hours life
- Controller required for operation (91-0084-00)



Part Number	Description
91-0083-00	Rope Lighting – Red Tubing
91-0110-00	Rope Lighting – Clear Tubing
91-0084-00	Small Controller for Rope Lighting
91-0113-00	2 foot Y Connector for Rope Light
91-0114-00	Half Splice Connector, Male for Rope Lighting from Light to Controller

WATERPROOF LED STRIPS

New

- Rubber encased LED strips
- Waterproof, making them ideal for outdoor applications
- Wiring length: 150cm (5ft)
- LED Spacing: 5mm
- Clear lens, 120 Degree Viewing Angle
- Operating Temperatures: -30˚C ~ +70˚C
- 2 wire hookup Flexible





Part Number	Description
24 LEDs, 24cm (9.5"), 12 Volt/ 160mA	
91-12562-00	24 LED strip, Super Bright Red
91-12881-00	24 LED strip, Super Bright Blue
91-12721-00	24 LED strip, Super Bright White
48 LEDs, 48cm (19"), 12 Volt/ 320mA	
91-13367-00	48 LED strip, Super Bright Red
91-13204-00	48 LED strip, Super Bright Blue
91-13042-00	48 LED strip, Super Bright White
72 LEDs, 72cm (28.5"), 12 Volt/ 480mA	
91-13696-00	72 LED strip, Super Bright Red
91-2501-00	72 LED strip, Super Bright Blue
91-13531-00	72 LED strip, Super Bright White

LED LIGHT STRIPS FOR VENDING MACHINES

New





Detail View

Stop changing fluorescents and replacing ballasts!

- LED lamp assembly replaces traditional fluorescents
- No ballast required; saves you money on replacement and maintenance costs
- 30 super bright LEDs in a square one-half inch clear tube
- 5-year life expectancy, low power, low heat, mercury free; and energy savings
- LED lights have a typical life of 100,000 hours which is over 10 years
- 20" length fits across door of vending machine
- Connector matches existing machine plug that originally connected to the ballast assembly for easy and quick installation
- Eliminates the need for a ballast; eliminating a source of noise (EMI) that can cause jackpotting
- Magnetic backing – just place on wall of machine
- A window cling decal is included to inform customers that energy efficient lighting is installed

Part Number	Description
91-2702-00	For National Vendors Snack And Coffee Model 145 Through Current Production
91-2776-00	For Automatic Products 110 Revised Model With Ballast By Door Hinge, 120, LCM, Studio
91-2851-00	For Automatic Products 4000, 5000,6,000, 7,000
91-2927-00	For Rowe Snack SR And JR 4900, 5900, 6800, 7800
91-3082-00	Universal LED Light Strip with Wall Plug

LIGHT PRO LED LAMP ASSEMBLY



LIGHTPRO

GO GREEN



Connector View

Stop changing fluorescents and replacing ballasts!

- LED lamp assembly replaces traditional fluorescents
- End caps can be removed and adjusted to maximize lighting
- For IGT machines simply plug the LED assembly harness into the lead that goes into the 24v electronic ballast
- Custom configurations and other sizes available.
- Mounts in fluorescent sockets same as a fluorescent
- Super bright flat LEDs in round clear 5/8" tube
- 5-year life expectancy, low power, low heat, mercury free; up to 78% in energy savings
- No ballast required; saves you money on replacement and maintenance costs
- For other machines, use 24V line
- Warranty: 2 year
- RoHS compliant
- Low current 24V AC/DC
- Custom Sizes Available

Part Number	Description
91-1017-00	Light Pro F15/T8 LED Lamp Assembly
91-1026-00	Light Pro F6/T5 LED Lamp Assembly
91-1046-00	Adapter Harness for Aristocrat Games



FLUORESCENT SOCKETS FOR STANDARD LAMPS



91-1191-00



91-1189-00

Part Number	Lamp Type	Watts
91-1191-00	T5	4, 6, 8, 11, 13
91-1189-00	T8 & T12	14, 15, 16, 18, 20, 22, 25, 30, 40

SOCKET FOR FLUORESCENT STARTER

- Rating: 250V, 660W
- 9" 18 AWG lead wires
- UL listed



Part Number	Description
91-0727-00	Socket For Fluorescent Starter

FLUORESCENT SOCKET FOR MEDIUM BI-PIN LAMPS

- For T-8 and T-12 lamps
- 600 Volts, 660 Watts



91-0913-00



49-0943-01

Part Number	Description
91-0913-00	Low Profile Design without leads
49-0943-01	High Profile Design without leads

LAMP EXTRACTOR TOOL

- Used to remove or insert minature lamps with bayonet –type bases
- Firmly and gently grasp lamps from panels and switchboards
- Includes return spring for fast lamp insertion and removal
- Tool size: 4"
- Grasp limited to 5/16" to prevent shorts



Part Number	Description
92-1763-00	Lamp Extractor Tool

WEDGE BASE SOCKETS FOR MINI LAMPS



49-0941-00



49-0942-00



91-0722-00



91-0950-00

- Push Twist Type

Part Number	Description
49-0941-00	T 1-1/2 Wedge Socket
49-0942-00	T 1-3/4 Wedge Socket (For E86 only)
91-0722-00	T 1-3/4 Wedge Socket (For all Except E86)
91-0950-00	T 3-1/4 Wedge Socket

SOCKET FOR MINI LAMPS

- Sockets for #44, 47, 51 & 1893 Mini Lamps
- Minimum order 10 pcs.



91-0043-00



91-1119-99

Part Number	Description
91-0043-00	Socket w/90° Right Angle Bracket
91-1119-99	Socket for Mini Bayonet

LAMP REMOVAL TOOL

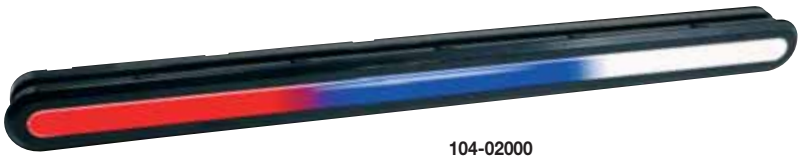
- Specifically designed to remove and install T 1-3/4 wedge base lamps from poker/ VLT style buttons without removing the lampholder assembly
- Replace lamps quickly and easily from the top
- Contains a built-in lens cap removal blade under pocket-clip cap
- Compact size – only 5.2" long
- All metal construction for durability
- Great for lamp replacements in the field



Part Number	Description
92-10586-00	Lamp Removal Tool

RGB LED LIGHT STRIPS

New



104-02000

SUZO HAPP

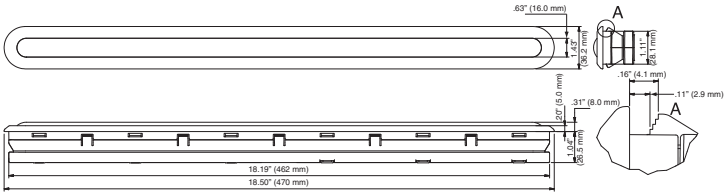


104-02001

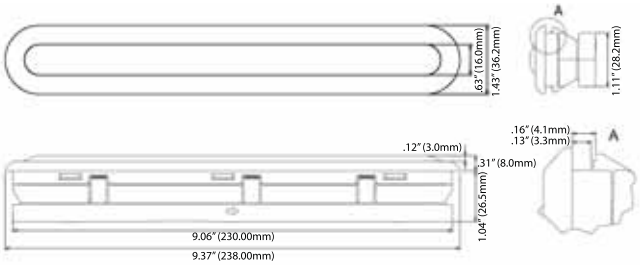
- Light strips with opaque bezel contains bright multi color LEDs and when mounted to your cabinet they provide a dazzling light show
- Can be used by themselves
- LED light strip controller sold separately (104-0056 or 104-0062)
- Wire harness sold separately

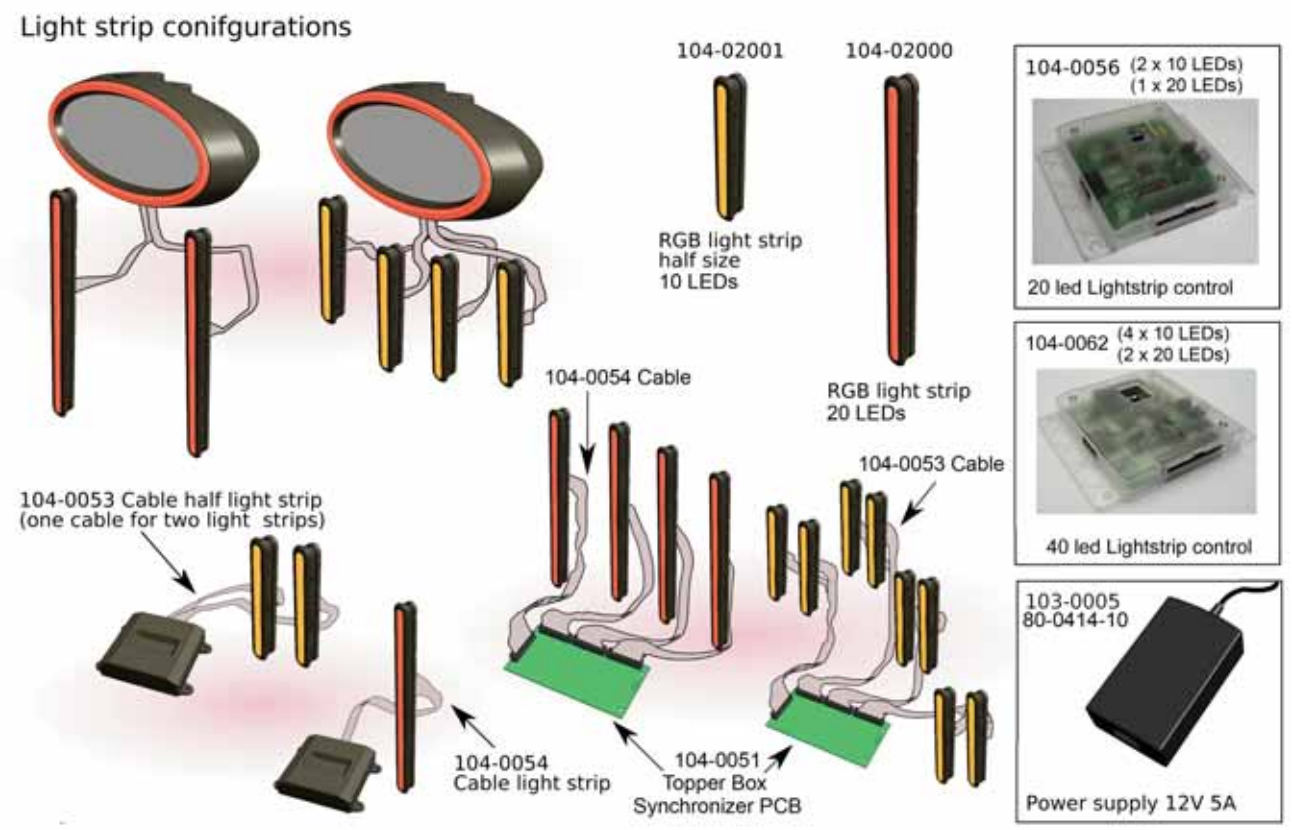
Part Number	Description
104-02000	RGB LED Light Strip - 20 LEDs
104-02001	RGB LED Light Strip - 10 LEDs

104-02000 DIMENSIONS



104-02001 DIMENSIONS





LIGHT STRIP CONTROLLERS

New

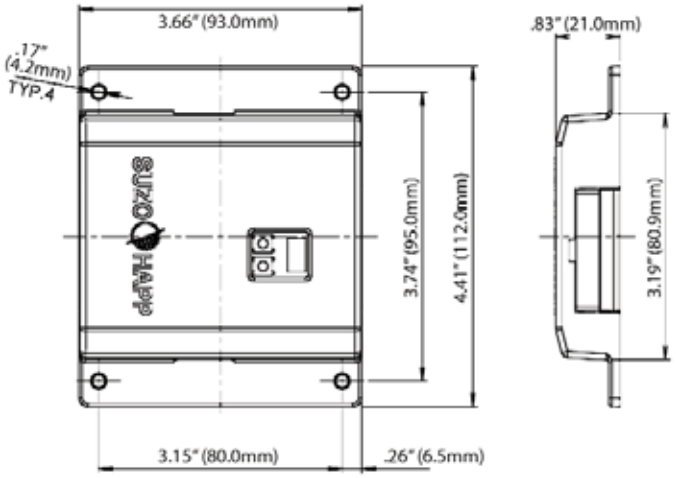
- These light strip controllers provide seven pre-defined color and seven pre-defined flashing patterns
- Can synchronize/link color and flashing patterns between controllers and light strips (link cables sold separately) 4 light strips of 10 or 2 strips of 20
- Controllers available for 20 LEDs or 40 LEDs
- +12vdc Operation



104-0056



104-0062



Part Number	Description
104-0056	Light Strip Controller – 20 LEDs (2 x 10) (1 x 20)
104-0062	Light Strip Controller – 40 LEDs (4 x 10) (2 x 20)

TOPPER BOX SYNCHRONIZER



- Allows the synchronization of up to 8 topper boxes to work in a collective pattern
- Greatly increases the effect of the toppers when placed on a bank of machines
- Nine pre-programmed flashing patterns
- Easy to use software allows custom patterns
- Wave, fade, twinkle and rollercoaster are a few of the patterns available
- Works on all older generation topper boxes from Suzo-Happ
- Just replace the existing control board in each topper
- A simple RJ45 cable connects each top box with the next one
- Also works with Light Strips (10 & 20 LEDs)

Part Number	Description
104-0051	Topper Box Synchronizer

We have over 50 Sales People to help you get the right parts & supplies you need!



Call (888) 289-4277 to Contact a Suzo-Happ Sales Representative Near You

MR16 12V LED

New

- LED replacement for the 12V MR16
- 5W 12V DC
- 3000K 38 Degree
- Bi-pin GU5.3 base
- Warm white
- Average life: 50,000 (versus 3,000 with a non-LED MR16)
- Can be used in Valley Dynamo Lighthouse or LAI Stacker



Part Number	Description
91-12404-00	MR16 12V LED

20W MR16 BAB PROJECTION LAMP

- 12V, 20W, 36 degree beam spread
- Used in Valley Dynamo Lighthouse
- Packed 20 per case



Part Number	Description
91-0674-00	MR16 BAB Projection Lamp

50W MR16 PROJECTION LAMP

- 12V, 50W projection lamp with 30 degree flood beam spread
- 3,000K color temperature
- 5,000 life hours
- 2-pin GX5.3 base



Part Number	Description
91-0677-00	MR16 Projection Lamp

BULK MINI LAMPS



- These lamps are the highest rated economy mini lamps in the industry
- Packaged in bulk bags or boxes
- Preferred by many OEMs (Original Equipment Manufacturers)
- Bulk packaging may not be broken
- 100 per package

Part Number	Lamp Number	Volts	Base
91-2044-00	#44	6.3	Bayonet (T 3-1/4)
91-1120-00	#47	6.3	Bayonet (T 3-1/4)
91-1221-100	#73	14	Wedge (T 1-3/4)
91-1317-00	#85	28	Wedge (T 1-3/4)
91-1124-00	#86	6.3	Wedge (T 1-3/4)
91-1219-00	#161	14	Wedge (T 3-1/4)
91-1320-00	#194	14	Wedge (T 3-1/4)
91-1118-00	#259	6.3	Wedge (T 3-1/4)
91-1319-00	#555	6.3	Wedge (T 3-1/4)
91-1318-00	#656	28	Wedge (T 3-1/4)
91-1126-00	#657	28	Wedge (T 3-1/4)
91-1220-00	#658	14	Wedge (T 3-1/4)
91-1135-00	#906	13	Wedge (T 5)
91-0005-00	#1683	28	Bayonet (S8)

XENON 591 BULB

- Used on WMS Bluebird tower light
- T3-1/4 wedge base
- 14V



Part Number	Description
91-1018-00	Xenon 591 Bulb

ECONOMY MINI LAMPS

- These lamps are the highest rated economy mini lamps in the industry
- Sold in convenient boxes of 10
- Preferred by many OEMs (Original Equipment Manufacturers)
- Min order 10

Bayonet Base



44, 47

Wedge Base



555



86, 73



161



4202

Part Number	Lamp Number	Volts	Base
91-0140-00	#E0209	28	2-Wire (T 1-1/2)
91-2019-10	#19	14.4	2 Prong (G 3-1/2)
91-1119-10	#44	6.3	Bayonet (T 3-1/4)
91-1120-10	#47	6.3	Bayonet (T 3-1/4)
91-0135-00	#55	7	Bayonet (G 4-1/2)
91-1221-10	#73	14	Wedge (T 1-3/4)
91-0073-10E	#E73	14	Wedge (T 1-1/2)
91-0137-00	#74	14	Wedge (T 1-3/4)
91-1317-10	#85	28	Wedge (T 1-3/4)
91-1124-20	#86	6.3	Wedge (T 1-3/4)
91-1124-10	#E86	6.3	Wedge (T 1-1/2)
91-0167-00	#89	13	Bayonet (SC)
91-0030-00	#158	14	Wedge (T 3-1/4)
91-1118-01	#159	6.3	Wedge (T 3-1/4)
91-1219-10	#161	14	Wedge (T 3-1/4)
91-1320-10	#194	14	Wedge (T 3-1/4)
91-1118-10	#259	6.3	Wedge (T 3-1/4)
91-0759-00	#359	1.35	Mini-Screw (G 3-1/2)
91-0659-10	#400	28	Wedge (T 3-1/4)
91-2455-10	#455	6.5	Bayonet (Flasher)(G 4-1/2)

Part Number	Lamp Number	Volts	Base
91-1321-10	#505	24	Wedge (T 3-1/4)
91-0523-00	#513	24	Wedge (T3-1/4)
91-1319-10	#555	6.3	Wedge (T 3-1/4) Clear
91-2656-10	#656	28	Wedge (T 3-1/4)
91-1126-10	#657	28	Wedge (T 3-1/4)
91-1220-10	#658	14	Wedge (T 3-1/4)
91-2755-10	#755	6.3	Bayonet (T 3-1/4)
91-0136-00	#756	14.4	Bayonet (T 3-1/4)
91-2757-10	#757	28	Bayonet (T 3-1/4)
91-2904-10	#904	13.5	Wedge (T5)
91-1135-10	#906	13	Wedge (T5)
91-0912-10	#912	12.8	Wedge (T5)
91-0150-00	#1112	12	Wedge (T 3-1/4)
91-1251-10	#1251	28	S.C. Bayonet (G 6)
91-1816-10	#1816	13	Mini Bayonet (T 3-1/4)
91-1819-10	#1819	28	Mini Bayonet (T 3-1/4)
91-1820-10	#1820	28	Bayonet (T 3-1/4)
91-1847-10	#1847	6.3	Bayonet (T 3-1/4)
91-0069-00	#4202	24	Neo/Base
91-0586-00	#10969	12	Wedge (T 3-1/4)

DELUXE MINI LAMPS

Bayonet Base



44, 47

Wedge Base



555



161



86



73

- Brand name GE or Sylvania mini lamps
- These high quality lamps out perform all import type mini lamps
- Sold in convenient boxes of 10

Part Number	Lamp Number	Volts	Base
91-0044-00	#44	6.3	Bayonet (T 3-1/4)
91-0047-00	#47	6.3	Bayonet (T 3-1/4)
91-1122-00	#55	7	Bayonet (G 4-1/2)
91-0057-00	#57	14	Bayonet (G 4-1/2)
91-0067-00	#67	13.5	S.C. Bayonet (G 6)
91-0073-00	#73	14	Wedge (T 1-3/4)
91-0074-00	#74	14	Wedge (T 1-3/4)
91-0086-00	#86	6.3	Wedge (T 1-3/4)
91-0089-00	#89	13	S.C. Bayonet (G 6)
91-0161-00	#161	14	Wedge (T 3-1/4)
91-0194-00	#194	14	Wedge (T 3-1/4)

Part Number	Lamp Number	Volts	Base
91-0212-00	#359	14	Wedge Xenon (T 3-1/4)
91-1125-00	#222	2.25	Screw (TL 3)
91-0313-10	#313	28V	Bayonet (T 3-1/4)
91-2455-10	#455	6.5V	Bayonet (Flasher) (G 4-1/2)
91-0555-00	#555	6.3	Wedge (T 3-1/4)
91-0658-00	#658	14	Wedge (T 3-1/4)
91-0755-00	#755	6.3	Bayonet (T 3-1/4)
91-0136-00	#756	14.4	Bayonet (T 3-1/4)
91-0906-00	#906	13	Wedge (T 5)
91-0912-00	#912	12.8	Wedge (T 5)
91-1819-00	#1819	28V	Bayonet (T 3-1/4)

INCANDESCENT LAMPS

- Various types of incandescent lamps, from typical lamps used everyday in your home, to the more rugged and durable appliance and rough service lamps
- American made unless otherwise noted



Ref. No.	Part Number	Color	Watts	Volts	Lamp Type
A	**91-0917-00**	White	25	120	Pearl White Globe
B	**91-1167-00**	Frost	25	120	25A Rough Service
B	**91-0919-00**	Frost	40	120	40A
B	**91-1165-00**	Frost	40	120	40A15 Appliance
C	**91-1161-10**	Red	11	130	Color Display Lamp*1
C	**91-1161-18**	Clear	11	130	Color Display Lamp*1

*Not made in the U.S.A.
1 Replacement for AMI/Rowe Jukeboxes

SPECIALTY SERVICE LAMPS



- Various sizes and styles for different applications
- American made unless otherwise noted

Ref. No.	Part Number	Color	Watts	Volts	Lamp Type
A	**91-1193-00**	Clear	6	120	6S6, Candelabra
B	**91-1174-00**	Clear	6	120	6S6DC
B	**91-0903-00**	Clear	25	120	25T8DC
C	**91-27C7-00**	Clear	7	120	7C7, Economy*
C	**91-07C7-00**	Clear	7	120	7C7, Deluxe
D	**91-10C7-00**	Clear	10	120	10C7, DC
E	**91-2510-00**	Frost	25	120	25T10
E	**91-4010-00**	Frost	40	120	40T10
F	**91-1182-00**	Frost	65	120	65BR30 Flood
G	**91-1186-00**	Clear	10	48 - 60	Crane Bulb, Candelabra
G	**91-1187-00**	Clear	10	130	Crane Bulb, Candelabra
H	**91-0177-00**	Clear	7	120	Mini Globe

*Not made in the U.S.A.

AGC FUSES - FAST BLOW TYPE

- 1/4" diameter x 1-1/4" length
- Various amperages
- Fast acting to protect equipment
- Made in the U.S.A.
- Packaged in boxes of 5
- Minimum order 10
- Sold in boxes only



COOPER Bussmann

Part Number	Amps	Volts
49-1232-00	1/10	250
49-0785-00	1/8	250
49-0349-00	1/4	250
49-0621-00	1/2	250
49-0118-00	1	250
49-0625-00	1-1/2	250
49-0119-00	2	250
49-0627-00	2-1/2	250
49-0024-00	3	250
49-0615-00	4	250
49-0120-00	5	250
49-0296-00	6	250
49-0613-00	7	250
49-0566-00	8	250
49-0560-00	10	250
49-0277-00	15	32
49-0278-00	20	32

GMA FUSES – FAST BLOW TYPE

- 5 x 20 mm
- Various amperages
- Commonly used within pinball machines
- Fast acting to protect electronic equipment
- Made in the U.S.A.
- Packaged in boxes of 5
- Minimum order 10
- Sold in boxes only



COOPER Bussmann

Part Number	Amps	Volts
49-0593-00	300mA	250
49-0498-00	1	250
49-1271-00	1.25	250
49-0669-00	1.5	250
49-1335-00	1.5 ** With Leads	250
49-0497-00	2	250
49-1333-00	2 ** With Leads	250
49-0670-00	2.5	250
49-0496-00	3	250
49-0626-00	3.15	125
49-0589-00	4	125
49-0495-00	5	125
49-0652-00	6	125
49-0786-00	7	125
49-0590-00	8	125
49-0290-00	10	125
49-0788-00	15	125

MDL FUSES – SLOW BLOW TYPE

- 1/4" diameter x 1-1/4" length
- Various amperages
- Dual-element, slow blowing type to prevent needless fuse blows
- Made in the U.S.A.
- Packaged in boxes of 5
- Minimum order 10
- Sold in boxes only



COOPER Bussmann

Part Number	Amps	Volts
49-0608-00	1/8	250
49-0551-00	1/4	250
49-0494-00	3/8	250
49-0553-00	1/2	250
49-0604-00	6/10	250
49-0552-00	3/4	250
49-0602-00	8/10	250
49-0111-00	1	250
49-0564-00	1-1/2	250
49-0112-00	2	250
49-0113-00	2-1/2	250
49-0030-00	3	250
49-0579-00	3-2/10	250
49-0933-00	3-1/2	250
49-0114-00	4	250
49-0025-00	5	250
49-0286-00	6	250
49-0580-00	6-1/4	250
49-0115-00	7	250
49-0596-00	7-1/2	250
49-0116-00	8	250
49-0117-00	10	32
49-0595-00	12	32
49-0592-00	15	32
49-0591-00	20	32
49-0594-00	25	32

GMQ FUSES – SLOW BLOW TYPE

- Various amperages
- Size rejecting, only allows fuse to be used within proper fuseholder
- Made in the U.S.A.
- Packaged in boxes of 5
- Minimum order 10
- Sold in boxes only



COOPER Bussmann

Part Number	Amps	Volts
49-0640-00	1	300
49-0641-00	3-2/10	300

GMC, GMD FUSES



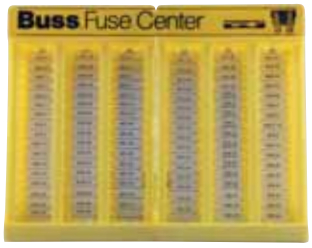
- 5 x 20 mm
- GMC - Medium Blow Type
- GMD - Slow Blow Type
- Various amperages
- Commonly used within pinball machines
- Dual-element, slow blowing type to prevent needless fuse blows
- Made in the U.S.A.
- Packaged in boxes of 5
- Minimum order 10
- Sold in boxes only

COOPER Bussmann

Part Number	Type	Amps	Volts
49-0839-00	GMC	250mA	250
49-0837-00	GMC	2.5	250
80-0016-01	GMC	3	250
49-0284-00	GMC	3.15	250
49-0836-00	GMC	4	125
49-0835-00	GMC	5	125
49-0619-00	GMC	6.3	125
49-0620-00	GMC	10	125
49-5062-00	GMD	1.6	250
49-0616-00	GMD	2	250
49-0617-00	GMD	2.5	250
49-0618-00	GMD	4	250

FUSE RACK

- Free standing durable yellow plastic display
- Holds 102 packages of 5 fuses (510 Fuses total)
- Fuses sold separately



COOPER Bussmann

Part Number	Description
49-0582-00	Fuse Rack, Empty

FUSE PULLER

- Makes it easier to install & remove fuses in those hard to reach areas
- For use on all 1/4"diameter glass fuses
- Eliminates risk of breaking fuses or damaging fuse blocks

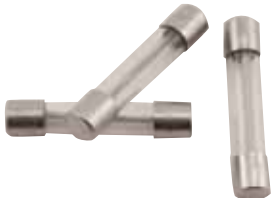


COOPER Bussmann

Part Number	Description
49-0628-00	Fuse Puller Tool

BULK FUSES

- Made in U.S.A.
- Packaged in boxes of 100
- Sold in boxes only



COOPER Bussmann

MDL Bulk Fuses - Slow Blow Type (1/4" diameter x 1-1/4" length)		
Part Number	**Amps**	**Volts**
49-0112-00B	2	250
49-0030-00B	3	250
49-0114-00B	4	250
49-0025-00B	5	250
49-0286-00B	6	250
49-0115-00B	7	250
49-0116-00B	8	250
49-0117-00B	10	32
AGC Bulk Fuses - Fast Blow Type (1/4" diameter x 1-1/4" length)		
Part Number	**Amps**	**Volts**
49-0118-00B	1	250
49-0119-00B	2	250
49-0024-00B	3	250
49-0296-00B	6	250
49-0566-00B	8	250
49-0560-00B	10	250
GMA Bulk Fuses - Fast Blow Type (5 x 20mm)		
Part Number	**Amps**	**Volts**
49-0498-00B	1	250
49-0497-00B	2	250
49-0591-00B	4	125
49-0495-00B	5	125
49-0290-00B	10	125

PANEL MOUNT FUSEHOLDER

- Designed to virtually eliminate the possibility of electrical shock
- Maximum panel thickness of 5/16"
- For 1/4" x 1-1/4" fuses
- .187" Quick Connect Terminals



Part Number	Amps	Volts
49-0023-00	20	300

PC MOUNT FUSEHOLDER

- For use with printed circuit boards
- Use with 1/4" diameter fuses with end stops



Part Number	Description
49-1272-00	PC Mount Fuseholder

FUSE ASSORTMENT KITS

- Assortment of 75 of the most common Fast-Blow and Slow-Blow fuses
- Kit includes handy clear plastic box
- Each 5 pack of fuses has their own section with index
- A must for every service repairman
- See chart for listing of amperages



General Purpose Fuse Kit				
Part Number 49-0568-00 Contains the following fuses:				
Replacement Part Number	**Quantity**	**Amps**	**Type**	**Volts**
49-0621-00	5	1/2	Fast-Acting	250
49-0118-00	5	1	Fast-Acting	250
49-0625-00	5	1-1/2	Fast-Acting	250
49-0119-00	10	2	Fast-Acting	250
49-0024-00	10	3	Fast-Acting	250.
49-0120-00	5	5	Fast-Acting	250
49-0553-00	5	1/2	Slow-Blow	250
49-0111-00	5	1	Slow-Blow	250
49-0112-00	10	2	Slow-Blow	250
49-0030-00	10	3	Slow-Blow	250
49-0025-00	5	5	Slow-Blow	250
Pinball Fuse Kit				
Part Number 49-0569-00 Contains the following fuses:				
Replacement Part Number	**Quantity**	**Amps**	**Type**	**Volts**
49-0566-00	5	8	Fast-Acting	250
49-0547-00	5	3/4	Fast-Acting	250
49-0494-00	5	3/8	Slow-Blow	250
49-0113-00	5	2-1/2	Slow-Blow	250
49-0030-00	25	3	Slow-Blow	250
49-0025-00	15	5	Slow-Blow	250
49-0115-00	5	7	Slow-Blow	250
49-0116-00	5	8	Slow-Blow	250

FUSE BLOCKS

- For 1/4" x 1-1/4" fuses
- Features individual barriers to reinforce the fuse clips while providing greater protection against clip damage and electrical shock
- Minimum order 10



Part Number	Type	Terminal Type
49-0563-00	Single	Solder
49-0395-00	Triple	3/16" Q.C

RJ11 & RJ45 MODULAR PLUGS

- Packed and Sold in Bags of 100



32-0085-00



43-1665-00



32-0087-00

Part Number	Two Prong Stranded flat Cable Plugs
32-0085-00	RJ11 6P4C Plug
43-1665-00	RJ11 6P6C Plug
32-0087-00	RJ45 8P8C Plug
32-0095-10	RJ45 8P8C Plug, Shielded
Part Number	**Two Prong Solid Round Cable Plug**
32-0095-00	RJ45 8P8C Plug, Shielded

MODULAR RJ45 PLUG

- For use with solid conductor round cable
- 8 position, 8 contacts
- Unshielded
- Packed and Sold in Bags of 100



Part Number	Description
27-1349-00	Modular RJ45 Plug

SCREW TYPE MODULAR JACK ASSEMBLY

- Single jack with snap cover
- Double sided sticker
- Mounting screws included
- Gold plated contacts
- Wiring: 6P4C - USOC; 8P8C - AT&T



Part Number	Description
32-0091-00	6P4C Modular Jack Assembly
32-0092-00	8P8C Modular Jack Assembly

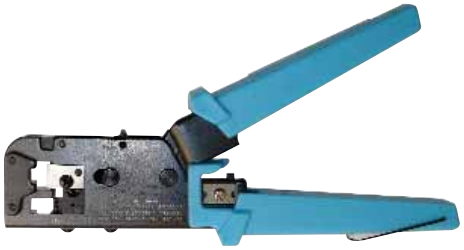
RJ11 DUPLEX ADAPTER

- Splits one line into two
- Ivory color
- Gold plated contacts
- 6P4C plug, 2 6P4C jacks



Part Number	Description
32-0090-00	RJ11 Duplex Adapter

EZ-RJ45® TERMINATION KIT
EZ-RJ45® CRIMP TOOL



Kit Includes:

(1) EZ-RJ45® Crimp Tool 92-0612-00
(50) EZ-RJ45® Connectors 92-0611-00
(1) Laminated instruction sheet

EZ-RJ45® CRIMP TOOL

This high quality crimp tool is designed to quickly crimp and cut the wires of the EZ-RJ45® Connector in one easy simple operation!

- Works on most other RJ-11, RJ-12 and RJ-45 connectors
- Precision ground crimp dies
- Straight action cut and crimp performs the best crimp
- Full cycle ratcheting mechanism provides consistent terminations every time
- Crimps and cuts the wire in one cycle
- Built in wire cutter and stripper
- High strength, long life steel frame
- Rust resistant black oxide coating
- Superior quality at an economical price
- Use with EZ-RJ45® connector (92-0611-00)
- Length 8", weight 1lb.

EZ-RJ45® CONNECTORS

The new patented EZ-RJ45® connector simplifies the twisted pair terminations by allowing the wires to be inserted through the connector and out the front. This allows the technician to easily verify the proper wiring order. Termination is made easier by pulling the connector down over the cable jacket and seating it tightly in the rear of the connector. Reducing the distance between the wire twists and contacts improves performance!

- Simple one-piece design – no bars or liners
- Easy to verify wire sequence
- Reduces scrap, no wasted crimps
- Faster terminations
- More reliable, higher performance
- Compatible with most RJ-45 crimp tools except for AMP
- Crimp with the patented EZ-RJ45® Crimp Tool (92-0612-00) for even faster more reliable terminations
- Use in category 3, 5, 5E and 6
- FCC compliant
- Sold by box of 50

Part Number	Description
92-0609-00	EZ-RJ45® Termination Kit
92-0612-00	EZ-RJ45® Crimp Tool Only
92-0611-00	EZ-RJ45® Unshielded Connectors Only (Min Box of 50)
92-2851-00	EZ-RJ45® Shielded Connectors Only (Min box of 50)

EZ-RJ45® CONNECTORS



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- Compatible with most RJ-45 crimp tools except for AMP
- Crimp with the patented EZ-RJ45® Crimp Tool (92-0612-00) for even faster more reliable terminations
- Use in category 3, 5, 5E and 6
- FCC compliant
- Sold by box of 50

Part Number	Description
92-2851-00	EZ-RJ45® Connectors, Shielded (Min Box of 50)
92-0611-00	EZ-RJ45® Connectors, Unshielded
92-0612-00	EZ-RJ45® Crimp Tool Only
92-0609-00	EZ-RJ45® Termination Kit

EZ-SNAPJACK

New

- Save time – No need for eight punch downs
- The patented EZ-SnapJack for RJ-45 jacks is self-terminating and quickly installs for professional results in a snap
- Available for both Cat5e and Cat6 cable
- Repair damaged jacks on the spot
- EZ-SnapJacks are re-useable
- Wire guide ensures pairs stay in proper order for fast, easy termination
- Reduced tool cost, no PDT required
- Color: White
- Dimensions: 0.5" x 0.625" x 1.25"



Part Number	Description
92-19702-00	EZ-SnapJack for Cat5e Cable
92-19901-00	EZ-SnapJack for Cat6 Cable

HEAT SHRINK TUBING

- Black polyolefin tubing
- 100 ft. per spool
- Sold by the foot
- Minimum order 100 ft



Part Number	Description
95-0623-00	1/16"
95-0624-00	1/8"
95-0622-00	3/16"
95-0625-00	1/4"
81-0001-00	1/2"
95-0888-00	3/4"

VELLEMAN HEAT SHRINK TUBING KIT

Specifications	
Color	Black
Shrinking Temp.	90˚
Max Temp.	120˚
Shriking Ratio	1:2
Dielectric Strength	15kV/mm



- Perfect for insulating exposed wires, wires soldered to terminals, corrosion proofing of metallic rods and fiber optic cables
- Halogen and dioxine free
- Tubing is flame retardant
- Each kit contains the following tubing:

  1 x 120mm (10 pcs) 2 x 120mm (10 pcs)
  4 x 120mm (5 pcs) 6 x 120mm (5 pcs)
  9 x 120mm (5 pcs) 12 x 120mm (5 pcs)

velleman®

Part Number	Description
49-2831-00	Velleman Heat Shrink

SPIRAL CUT WRAP

- Polyethylene material
- Nominal O.D. .250"
- Nominal wall .031"
- Nominal pitch 3/8"
- Maximum bundle 2"
- Sold per foot
- Minimum order 100 ft
- 100 ft. per spool



Part Number	Description
43-1019-00	Spiral Cut Wrap

BLACK CORRUGATED SPLIT LOOM

- Ideal use in casino gaming, and computer applications
- Enables you to maintain a safe and well-organized working environment
- Also known as flex tubing
- Made from polyethylene
- Heat resistant up to 200˚F
- Also offers protection from water, snow, ice and salt
- Sold in 100ft rolls, which allows cutting to any length
- Available in three sizes: 3/8", 1-1/4" and 2" diameter
- Tubing is silted, which allows one to protect, organize and conceal exposed electrical wires, wire harnesses, cables and hoses by putting them into a neat bundle



64-0095-00



64-0154-00

Part Number	Diameter
64-0095-00	2" Diameter Black Corrugated Split Loom
64-0095-125	1-1/4" Diameter Black Corrugated Split Loom
64-0134-00	3/8" Diameter Black Corrugated Split Loom
64-0154-00	Split Wire Loom Installation Tool

SPRING LOADED WIRE CONNECTORS

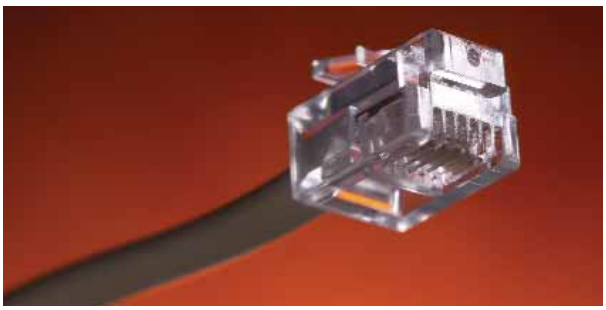
- Positive grip design
- For either solid or stranded wire
- Well suited for all types of splices
- Color-coded to make selection on the job easier
- Molded of pliable, fire resistant thermoplastic that is virtually indestructible
- Unique, fully-seated square-wire spring on the inside forms its own threads to draw the connector completely onto wire combinations
- Wide-throat skirt to guard against flashover
- Rated to 105˚C
- UL and CSA listed



Part Number	Description	Color	Wire Gauge
43-0484-00	Spring Loaded Wire Connectors	Gray	22-16
43-0483-00	Spring Loaded Wire Connectors	Orange	22-14

SUZO HAPP

Your Source for Quality Wire, Cable and Accessories







- Hook-up Wire
- Cat 5 Cable
- Cat 5E Cable
- Cat 6 Cable
- Fiber Optic Cable
- Fiber Optic Cleaning Kits
- Connectors
- Power Cable
- Power Cords
- Tools
- Fiber Optic Termination Kits

Our Experienced Sales Staff is waiting to help you with your cabling needs.
Please have the following information handy so you can be assisted in a timely manner:



- Type: Cat 5, Cat 5E, Cat 6, Fiber Optic
- Color
- Gauge
- How Many Pairs
- Jacket: Plenum or Non-Plenum, PVC
- Shielded or Non-Shielded
- Size of spool: 500 ft. or 1,000 ft.
- Specific brands are available - what is your choice

90° 110 STYLE MODULAR CAT 5 JACK

- Designed to be used with the 110 type punch down tool
- The 110 IDC contacts will accommodate 22-26 AWG solid wire
- Color: Blue
- The mini jack universal design will fit in most keystone hole openings such as Amp, Hubbell, Krone, ICC or other .58" x .76" standard sizes



Part Number	Description
27-1350-00	900 110 Style Modular Cat 5 Jack

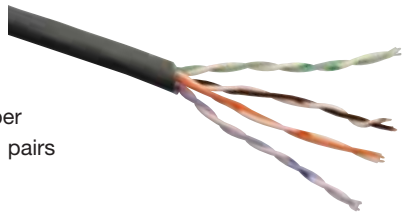
CAT 5E SHIELDED PATCH CORDS

- Enhanced 350MBPS
- Shielded RJ45 connectors on each end
- Foil shielded and polyester shielded
- Stranded
- Snagless and molded boots
- Color: Grey



Part Number	Description
64-0064-00	10' CAT 5E Patch Cord

CAT5 CABLE



- 24 AWG solid bare copper
- Four unbounded twisted pairs
- 1,000 foot put-ups

Part Number	Type	Belden No	Shielded	Plenum	Color
49-1472-00	CAT5	1624P	Yes	Yes	Gray
49-0964-1624R	CAT5	1624R	Yes	No	Blue
49-1361-00	CAT5E	1585A	No	Yes	Gray
49-1470-00	CAT5E	1585A	No	Yes	Blue
49-0129-00	CAT5E	1583A	No	No	Gray

HEAVY DUTY LINE CORD

- Stranded 3-wire
- Black rubber cover
- Ideal for use in power cords for machines
- 250' per roll
- Minimum order 250'



Part Number	Gauge	Volts	Diameter
80-0045-16G	1-17/32"	600	.435
80-1147-00	14	300	.350

HOOK-UP WIRE

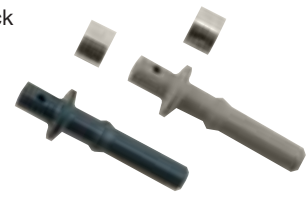
- Stranded wire
- 16, 18, 20, 22 and 26 gauge available
- Various colors available
- Custom color codes can be special ordered
- Sold in 500 ft. or 1000 ft. rolls
- UL listed



Part Number	Gauge	Feet per roll	Color Code
64-0055-00	16	500	Green
64-0056-00	16	500	White
64-0057-00	16	500	Black
49-1726-00	18	1000	Black
49-1116-00	20	500	Red
49-1098-00	20	500	Blue
49-1092-00	20	500	Yellow
49-1088-00	20	500	Green
49-1086-00	20	500	White
49-1110-00	20	500	Black
49-1207-00	22	500	Red
49-1149-00	22	500	Green
49-1121-00	22	500	Orange
49-1172-00	22	500	Black

SIMPLEX CONNECTORS

- For plastic optical fiber cable
- Used in Ticket-In / Ticket-Out Cable
- Simplex connector provides a quick and stable connection for applications that require a component-to-connector retention force of 8 Newtons (1.8 lb.)
- Crimp ring included
- Available in gray or blue



Part Number	Description
HFBR-4501	Simplex Connector, Gray
HFBR-4511	Simplex Connector, Blue

LANROVERPRO™ CAT 5 TESTER WITH LED DISPLAY



- High performance cable length measurement CAT 5 tester that identifies multiple faults clearly without interpretation
- Tests for shorts, opens, miswires, reversals and split pairs
- Has one-ended testing with pre-test for fast result, clear wire mapping form displayed on 2-line, 16 character LCD display
- The LanRoverPRO™ has a convenient snap together case for easy storage and convenient patch cable testing
- Auto-off/auto-on. Provides up to 10 times better battery life than other testers
- One-ended testing with Pre-Test mode for fast results
- Built-in tone generator mode with selectable tones and pair capability
- This unit includes a carrying case and patch cables

Part Number	Description
92-1135-00	LanRoverPRO™ CAT 5 Tester with LCD Display

CAT 5 CABLE JACKET STRIPPER



- Designed for Cat 5/5E cables only
- Will not knick inner conductors
- Long life blade
- Durable high impact plastic housing
- Easy to use, no adjustments necessary
- Length: 3.5", weight: 23 grams
- Molded from yellow plastic to make it easier to find. No more lost tools!

Part Number	Description
92-0613-00	Cat 5 Cable Jacket Stripper

PUNCHDOWN TOOL WITH BLADE



- Spring loaded impact
- Hi-Lo settings
- Spare blade storage in handle
- Blades / Handle inter-changeable with Harris-Dracon 814 tool
- Type 110

Part Number	Description
92-0901-00	Punchdown Tool With Blade

CAT 5E COUPLER



- For Category 5 Enhanced cable
- Gold plated contacts
- Connects two cords
- Color: Black

Part Number	Description
49-1729-00	CAT 5E Couplerr

FIBER OPTIC TOOL KIT



- Kit includes:
  - Crimper
  - Nick-Free Strippers
  - Wire Cutters
  - Cutting Scissors
  - True View Fiber Scope Kit
  - Polishing Disks
  - Component Box
  - Swabs
  - Alcohol Bottle
  - Syringe
  - Tweezers
  - Zippered Case

Part Number	Description
92-0977-00	Fiber Optic Tool Kit

TRIPLE GROUND PLUG



- Converts single receptacle to 3 outlets
- 15A, 125VAC, NEMA 5-15
- 1" deep
- Color: Brown

Part Number	Description
49-0952-00	Triple Ground Plug

USB SECURITY PROTECTIVE COVER

New



- Ideal for use to “Seal” unused USB ports on logic boards to prevent unauthorized devices from being plugged in
- Cover them with security tape for increased security
- Secures and protects your unused USB ports (Type A) from dirt, dust and other contaminants
- Soft ABS material provides snug fit
- Serrated grip for easy removal
- Min order 10

Part Number	Description
64-2557-00	USB Protective Cover – Type A

EAGLE THERMOPLASTIC PLUG & CONNECTOR

- Solid brass plug blades are firmly embedded into body
- Terminal screws are large head type for easy wiring, separated by barriers to prevent flashover or short circuits
- Strain relief clamps are superior designs, providing a secure mechanical grip
- Yellow thermoplastic is rigid and virtually unbreakable and can be used for hard service applications
- Dead-Front Construction
- 2-Pole, 3-Wire Grounding with cord clamp
- Cord diameter .250" - .655"
- UL & CSA listed, NEMA 5-15(15A), 5-20(20A)
- 125 Volts
- Made in the U.S.A.



Plug Male



Connector Female

Part Number	Description	Diameter	Length	Eagle P/N
27-1003-00	Male	1-17/32"	1-3/4"	4867
27-1004-00	Female	1- 7/32	2-19/32"	4887

EAGLE ARMORED PLUG & CONNECTOR

- Steel clamps and armor are heavily plated for corrosion resistance
- Armor is knurled for easy gripping
- Solid brass plug blades are firmly embedded into body
- Terminal screws are large head type for easy wiring, separated by barriers to prevent flashover or short circuits
- Strain relief clamps are superior designs, providing a secure mechanical grip
- Vinyl Dead-Front Construction
- 2-Pole, 3-Wire Grounding with cord clamp
- Cord diameter .250" - .625"
- UL & CSA listed, NEMA 5-15
- 15 AMP, 125 Volts
- Made in the U.S.A.



Armored Plug Male



Armored Connector Female

Part Number	Diameter	Diameter	Length	Eagle P/N
91-1168-00	Male	1-1/2"	2"	2867
91-1169-00	Female	1-1/2"	2-19/32"	4887

EAGLE SUPER SPEC 90° ANGLE PLUG

- Allows equipment to be moved closer to wall
- 12A-125V, 2-Pole, 3-Wire Grounding
- 8 rotating positions to allow placement of cord in most convenient location
- UL & CSA listed
- Black color
- Made in the U.S.A.



Part Number	Description
91-4000-00	Eagle Super Spec 90° Angle Plug

HEAVY-DUTY CUBE TAP

- 3-socket, 3-wire, 15A 125V
- Color: brown



Part Number	Description
43-0527-00	Heavy Duty Cube Tap

EAGLE EASY INSTALL PLUG

- 10A, 125V
- Cord size: 18-2 SPT-1
- Color: brown



Part Number	Description
91-1168-10	Easy Install Plug

EAGLE 5266 POLYCARBONATE PLUG

- Impact-resistant housing with brass plug blades
- Separate terminal chambers with clear cover
- UL listed & CSA approved



Part Number	Description
27-0153-00	Eagle 5266 Polycarbonate Plug

POWER CORD

- 3-wire, SJT black jacket
- 8 ft. or 6 ft. long
- 3-prong plug on one end, 3-hole computer style receptacle on the other end
- UL Listed



Part Number	Description
80-0213-00	16-Gauge, 8' Long
80-1205-00	18-Gauge, 6' Long

POWER CORD

- 10 ft. length
- 3-Wire plug on one end, bare wires on other end
- 12 per case
- UL Listed



Part Number	Description
80-1200-00	Power Cord, 18-Gauge

12" POWER CORD ADAPTER WITH ROTATING PLUG

- Converts any 110V (up to 14 gauge) two or three prong plug to a 90-degree plug
- Plug also rotates 360 degrees to adapt to any outlet
- Allows placement of equipment closer to wall
- Color: Gray
- Wire: 14 gauge stranded
- UL listed



Part Number	Description
49-6241-00	12" Power Cord Adapter With Rotating Plug

POWER CORD WITH RIGHT ANGLE FEMALE PLUG

- 3-Wire, SVT black jacket
- 6 ft. long
- 125V, 10A
- UL



Part Number	Description
80-1205-RA	6 ft. Power Cord w/Right Angle Female Plug

THE 'SPIDER' POWER CORD

- A SUZO-HAPP exclusive
- Unique power cord for slot machines, video games, kiosks and other applications
- Allows connection of peripheral accessories and still have outlet free for other accessories
- Plugs into the 120 VAC power source and gives you 3 additional outlets (current 5 to 6 amps)
- Within a slot machine, such as IGT Eye Games, Game Kings, and others it allows connection of a player tracking system and a progressive sign and still have an outlet free for other 110 VAC accessories
- Within a video game, it allows connection of a 110 VAC bill validator, soldering iron or other 110 VAC accessories
- Within a kiosk, it allows connection of a 110 VAC bill validator, plug-in power supply for audio amplifier or trackball interface or other 110 VAC accessories
- Black SVT 18-gauge, 3-wire



Part Number	Description
80-1143-00	The "Spider" Power Cord

HEAVY-DUTY POWER CORD WITH 90° PLUG

- Ideal for vending machines, slot machines, amusement games and other devices
- 90° plug allows machine to be put closer to the wall
- Black SJT jacket
- UL recognized
- CSA approved
- 9 ft. 14-gauge, 3-wire or 12 ft. 16-gauge, 3-wire available



Part Number	Description
80-1200-14	Power Cord With 90° Plug, 9 ft./14ga
49-0948-16	Power Cord With 90° Plug, 10 ft./16ga

EXTENSION CORD

- Outer jacket will not mark floors or walls
- 16 gauge/3-wire, SJTW
- 15A/300V
- UL listed
- SJTW cords resist deterioration from moisture and abrasion
- Manufactured with stranded and cabled copper conductors and solid molded plugs for longer life



Part Number	Description
80-0300-00	15 ft. Extension Cord - Orange

SLENDER PLUG EXTENSION CORD

- Low profile 3-outlet extension cord
- Used for the Spintek hopper fill
- Plug is only 1/2" thick
- 13A, 125V, 1625W
- 16-gauge, 3-wire
- UL recognized



Part Number	Description
80-0328-00	Slender Plug, 3 ft.

TRIPP LITE SWIVEL 6 SURGE SUPPRESSOR

- Ideal for Video Games, LCD TVs, CRTs, Vending machines, etc.
- 6 rotatable outlets allow for easier plug connection and removal
- 1200 joule rating
- Direct plug-in design converts two outlets into six by pluging into any wall outlet
- Diagnostic LEDs alert you to potential wiring or protection faults before connected equipment is damaged
- Lifetime warranty with $20,000 Ultimate Lifetime Insurance (USA & Canada Only)
- Size: 10.5" x 6" x 14"
- Color: Black



Part Number	Description
80-0631-00	Tripp Lite Swivel 6 Surge Suppressor

7-OUTLET SURGE PROTECTOR WITH SLIDE SAFETY COVERS

- Sliding child protective covers on each outlet
- 6 ft. 14/3 power cord
- 1500 Joules
- 15 amps, 125 volts
- Spike current: 39,000A
- Clamping voltage: 330v
- EMI/RFI noise filtering
- LED surge protection indicator
- Lighted switch/circuit breaker
- UL 1363, UL 1449 and CSA listed



Part Number	Description
49-0963-40	7-Outlet Surge Protector with Slide Safety Covers

TRIPP LITE SUPER 7 SURGE SUPPRESSOR

- Great for slot machines, video games, vending equipment, computers, and other electronic equipment
- More Joules mean more protection - Surge energy absorption: 2,350 joules
- 7 outlets
- 7-ft. cord with space-saving right-angle plug
- $75,000 Ultimate Lifetime Insurance covers connected equipment
- Can accommodate up to 3 transformers without blocking remaining outlets
- Diagnostic LEDs indicate protection present and ground present
- EMI/RFI noise filtering
- Keyhole supports for wall mounting
- Two position on/off power switch
- Lifetime product warranty
- Size: 1.5" x 2.75" x 10.25"; UL1449, UL1363, cUL / CSA
- 12 per carton



Part Number	Description
49-5296-000	Tripp Lite Super 7 Surge Suppressor

6-OUTLET METAL POWER STRIP WITH RIGHT ANGLE PLUG

- Full 3 line surge protection
- Durable metal construction
- UL listed
- Built-in brackets for easy mounting
- Circuit breaker prevents overloading
- Rugged 6 foot 14AWG SJT cord
- Rating: 125V AC, 15 Amps, 1875W, 3 x 75 joules
- Neon light indicating ON/OFF & protection
- Right angle plug allows this power strip to be mounted in areas that are tight on space
- Protects equipment from dangerous power surges and spikes



Part Number	Description
49-0487-90	6 Outlet Power Strip w/ Right Angle Plug

POWER STRIP WITH SURGE PROTECTOR

- Protect your equipment from power surges and spikes
- 6 outlets
- Lighted ON/OFF switch
- Plastic case
- UL listed



Part Number	Description
49-0963-00	4 ft. Power Strip with Surge Protector
49-1356-00	6 ft. Power Strip with Surge Protector

6-OUTLET POWER STRIP WITH SURGE PROTECTOR

- Ideal for rows of vending machines or games
- Protects equipment from dangerous power surges and spikes that can destroy delicate electronic circuitry
- Lighted ON, OFF switch
- Built-in resettable circuit breaker
- Built-in brackets for easy mounting
- 125V AC, 15 Amps
- Rugged 6 foot cord
- UL listed
- Durable metal construction



Part Number	Description
49-0487-00	Six Outlet Power Strip with Surge

POWER STRIP WITH SURGE PROTECTOR

- 6 outlets
- 3 ft. power cord
- Heavy duty plastic case
- 1 MOV surge protection
- L-N surge protection
- EMI/RFI noise filtration
- LED indicator, 125V AC, 15 Amps
- UL listed, CSA
- Protect your equipment from power surges and spikes
- Integrated circuit breaker switch with auto reset



Part Number	Description
49-0963-10	Power Strip with Surge Protector

SINGLE OUTLET SURGE PROTECTOR

- Prevents dangerous power surges that can destroy delicate electronic circuitry
- Indicator light signals surge protection is on
- Maximum surge dissipation: 270 Joules
- 15A-125VAC, 1875 watts rating
- Clamping voltage: 330 volts
- Maximum spike current: 4500 amps
- Maximum surge voltage: 6000 volts
- Surge protection on all three lines
- Response time: Less than 1 nanosecond
- UL listed



Part Number	Description
27-1007-00	Single Outlet Protector

ON-LINE GAME SURGE SUPPRESSOR

- Protect your on-line equipment from lightning strikes through the phone line, electrostatic discharge, faulty wiring
- Offers simultaneous protection of two dialup telephone lines (RJ45, wires 4-5 and 3-6, 260V clamping)

Perfect for any on-line game or equipment

- Golden Tee™ Golf games
- Counter top games
- Digital download jukeboxes

- 6-inch heavy gauge grounding lead
- 5-inch patch cable included
- Maximum current: 250 amps
- Instruction manual and warranty information included
- Lifetime product warranty
- Compatible with RJ11 or RJ45 style connectors



Part Number	Description
80-1248-00	On-Line Game Surge Suppressor

COOLING FAN WITH 110VAC ADAPTER

- Cools the electronics in your game
- 3-1/8" x 1" 12vdc fan
- 110v adapter pre-wired
- Simply plug adapter into a 110v outlet and the fan will power up



Part Number	Description
80-1140-00	Cooling Fan with 110vac Adapter

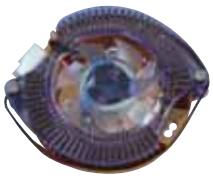
FINGER GUARDS FOR FANS

- Protects fingers from touching fan blades
- For 3.12" and 4.69" fans
- Steel wire construction
- Nickel chrome finish



Part Number	Description
80-0006-21	Finger Guard for 3.12" Fan
80-0006-20	Finger Guard for 4.69" Fan

COOLING FANS



80-0006-61



80-0006-13



80-0006-41

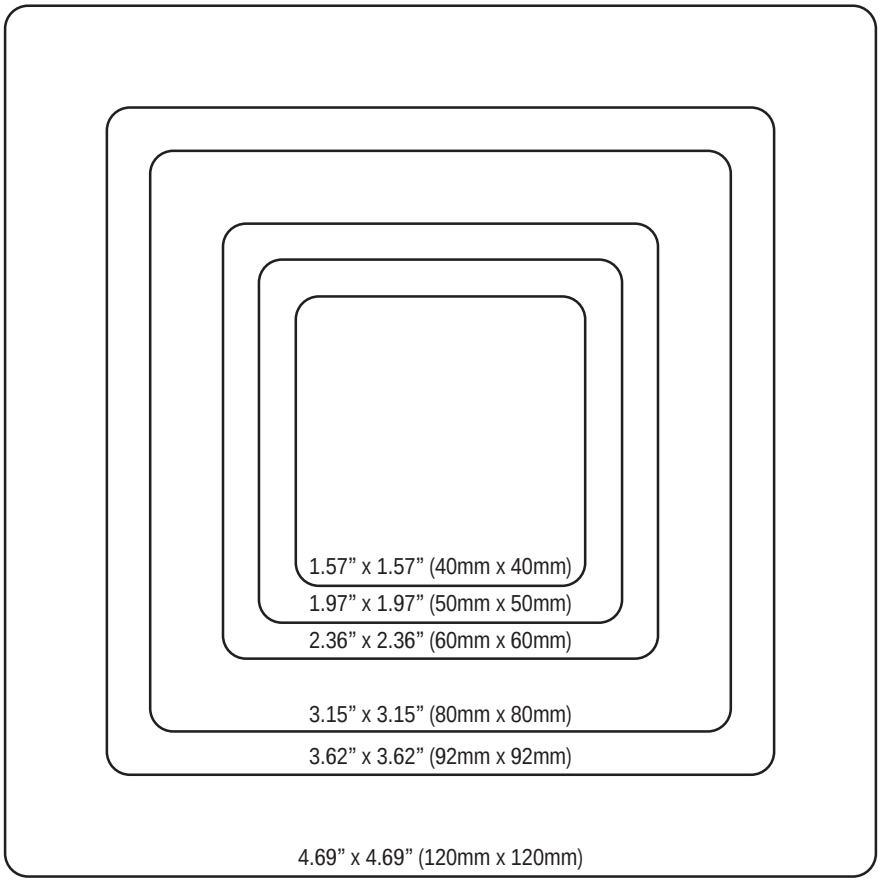


80-0006-62

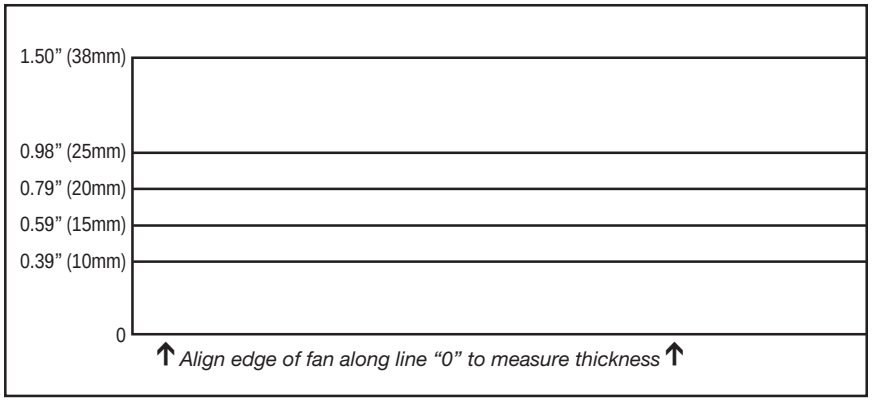
Stock No.	Voltage	Thickness	Wire	Connector	Bearing Type	Common Uses
1.57" x 1.57" (40mm x 40mm)						
80-0006-16	12VDC	0.39" (10mm)	3	No	Vapo	Bally Cinevision, Merit XL Series
80-0006-61*	12VDC	0.39" (10mm)	3	Yes	Ball	ATI RADEON, Nvidia GeForce VGA Cards
***Cooling Kit: Includes heat sink, thermal tape, insert, power adaptor and thermal compound (40mm x 10mm)**						
80-0006-62	12VDC	0.39" (10mm)	3	Yes	Ball	Aristocrat Mark VI Games
80-0006-50	12VDC	0.39" (10mm)	2	No	Ball	WMS Blubird CPU
80-0006-23	12VDC	0.79" (20mm)	2	Yes	Ball	Merit Power Supply
70-1006-00	24VDC	0.79" (20mm)	2	Yes	Ball	Game King Machines
1.97" x 1.97" (50mm x 50mm)						
80-0006-05	5VDC	0.39" (10mm)	3	No	Ball	Cabinets, CPUs, Power Supplies
SB0611-01	5VDC	0.39" (10mm)	2	Yes	Vapo	Bally, Merit EVO Games
SA0470-03	12VDC	0.39" (10mm)	2	Yes	Ball	Merit EVO Games
80-0006-15	12VDC	0.39" (10mm)	2	No	Ball	WMS Blubird, Merit MegaTouch CPU
80-0006-70	12VDC	0.59" (15mm)	2	Yes	Ball	Bally Alpha and Cinevision Games
80-0006-13*	12VDC	1.50" (38mm)	3	Yes	Ball	Sigma Slot Machines, Artic Thunder
80-0006-65	24VDC	0.59" (15mm)	2	No	Sleeve	Bally Games
***Includes heat sink**						
2.05" x 2.05" (52mm x 52mm)						
SA0470-01	12VDC	.039" (10mm)	2	Yes	Ball	Merit ION and Force III Games
2.36" x 2.36" (60mm x 60mm)						
80-0006-41	12VDC	0.39" (10mm)	3	Yes	Ball	Merit Radion Force, Trivia, Vibe
80-0006-63**	12VDC	0.59" (15mm)	3	Yes	None	Merit Mega Touch Wallette
80-0332-00	12VDC	0.79" (20mm)	2	No	Sleeve	Cabinets, CPUs, Power Supplies
80-0006-40	12VDC	0.98" (25mm)	2	No	Ball	Merit Games
80-0006-60*	12VDC	0.98" (25mm)	3	Yes	Ball	Merit ION CPU
***Includes heat sink **Without heat sink**						
3.15" x 3.15" (80mm x 80mm)						
80-0006-35	12VDC	0.59" (15mm)	2	No	Sleeve	Merit Power Supply
80-0006-44	12VDC	0.98" (25mm)	3	No	Sleeve	Big Buck Pro, Fast & Furious Super Bike
80-0006-33	12VDC	0.98" (25mm)	2	No	Sleeve	WMS Blubird Power Supply
80-0006-34	12VDC	0.98" (25mm)	2	No	Ball	Cabinets, CPUs, Power Supplies
80-0273-00	24VDC	0.98" (25mm)	2	No	Ball	IGT Slot Machines
70-0225-00	110VAC	1.50" (38mm)	2	No	Ball	Cabinets, CPUs, Power Supplies
3.62" x 3.62" (92mm x 92mm)						
755000915	12VDC	0.98" (25mm)	3	Yes	Ball	All Incredible Technologies Games
70-0226-10	12VDC	0.98" (25mm)	2	No	Ball	Power Supplies
80-0006-48	24VDC	0.98" (25mm)	2	No	Ball	Cabinets, CPUs, Power Supplies
70-0226-00	110VAC	0.98" (25mm)	2	No	Ball	Gaming Machines
4.69" x 4.69" (120mm x 120mm						
80-0006-14	12VDC	1.50" (38mm)	2	No	Ball	Cabinets, CPUs, Power Supplies
80-0006-11	110VAC	1.50" (38mm)	2	No	Sleeve	Cabinets, CPUs, Power Supplies
80-0006-22	110VAC	1.50" (38mm)	2	No	Ball	Most Gaming Machines, IGT Keno Game

Need help identifying the fan size you need? Use the Fan Sizing Chart on the next page ⇨

Fan Sizing Chart



Fan Thickness



MOLEX CONNECTORS

- Commonly used on all types of equipment
- Various sizes available
- Passive (friction) lock
- Minimum order 25 each
- UL File No. E-29179
- Natural Nylon Color



43-0243-00 | 43-0452-00 | 43-0456-00 | 42-0722-00 | 43-0458-00 | 43-0459-00 | 43-0169-00

Part Number	Molex Ref. No.	.093" Family	Part Number	Molex Ref. No.	.062" Family
43-0250-00	03-09-2022	2-Pin Male	**43-0459-00**	03-09-1121	12-Pin Female w/ Ears
43-0248-00	03-09-1022	2-Pin Female	**43-0460-00**	03-09-2158	15-Pin Male w/ Ears
43-0243-00	03-09-2032	3-Pin Male	**43-0461-00**	03-09-1154	15-Pin Female w/ Ears
43-0452-00	03-09-1032	3-Pin Female	**43-0015-00**	03-06-2023	2-Pin Male
43-1105-00	03-09-2040	4-Pin Male (Square)	**43-0444-00**	03-06-1023	2-Pin Female
43-1107-00	03-09-1040	4-Pin Female (Square)	**43-0017-00**	03-06-2032	3-Pin Male
43-0453-00	03-09-2042	4-Pin Male (Vertical)	**43-0467-00**	03-06-1032	3-Pin Female
43-0255-00	03-09-1042	4-Pin Female (Vertical)	**43-0468-00**	03-06-2042	4-Pin Male (Vertical)
43-0454-00	03-09-2049	4-Pin Male (Square)	**43-0470-00**	03-06-2044	4-Pin Male (Square)
43-0455-00	03-09-1049	4-Pin Female (Square)	**43-0471-00**	03-06-1044	4-Pin Female (Square)
43-1108-00	19-09-2068	6-Pin Male (Square)	**43-0169-00**	03-06-2062	6-Pin Male
43-1106-00	19-09-1069	6-Pin Female (Square)	**43-0332-00**	03-06-1062	6-Pin Female
43-0491-00	03-09-2062	6-Pin Male	**43-0472-00**	03-06-2092	9-Pin Male
43-0456-00	03-09-1064	6-Pin Female	**43-0474-00**	03-06-2122	12-Pin Male
42-0722-00	03-09-2092	9-Pin Male	**43-0475-00**	03-06-1122	12-Pin Female
43-0143-00	03-09-1094	9-Pin Female	**43-0478-00**	03-06-2151	15-Pin Male w/ Ears
43-0458-00	03-09-2122	12-Pin Male w/ Ears	**43-0479-00**	03-06-6155	15-Pin Female w/ Ears

POWERLINE FILTER

New

- Eliminates power spikes
- 6 AMP plug type with IEC connector
- .250 terminals
- 115/250V 6A
- UL recognized



Part Number	Description
YB06T1	Powerline Filter

POWERLINE FILTERS

- Eliminates power spikes
- .250" quick connect terminals
- 115/250V
- UL recognized



49-1003-00

Part Number	Description
49-1003-00	Powerline Filter, 10 AMP
49-5084-00	Powerline Filter, 6 AMP
YK03T1	Powerline Filter, 3 AMP

MOLEX MINI-FIT JR RECEPTACLE

- Dual row
- Molex ref. no. 39-01-2060
- Sold in Packs of 25



Part Number	Description
43-1225-00	Molex Mini-Fit Jr Receptacle
43-1225-01	Strain Relief 15-04-0296

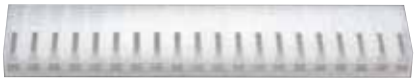
MOLEX 2-PIN POWER CONNECTORS

- Male plug mates to power input for both Suzo-Happ and Wells Gardner monitors (2-pin)
- Sold in Packs of 25



Part Number	Molex Ref. No.	Description
43-0536-00	19-09-1029	2-Pin Male w/o ears .093 centers
43-0543-00	19-09-2029	2-Pin Female .093 centers

MOLEX FEMALE HOUSINGS



- Used with .156 Header Wafer Connectors
- Sold in Packs of 25

Part Number	Molex Ref. No.	Description
43-0698-00	09-50-7201	Molex 10-Pin Female Housing
43-0923-00	09-50-3101	Molex 10-Pin Female Housing
43-0792-00	09-50-3051	Molex 5-Pin Female Housing
43-0924-00	09-50-3041	Molex 4-Pin Female Housing

MOLEX C-GRID CRIMP HOUSING AND PIN

- Used on bill validator harness
- .100 pitch
- Single row version D
- Back ribs
- 3-circuit
- Sold in Packs of 25



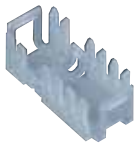
Part Number	Molex Ref. No.	Description
43-0817-00	50-57-9303	C-Grid Crimp Housing
43-1223-00	16-02-0086	Pin for C-Grid Crimp Housing

SWITCH CONNECTOR

- Use on popular miniature snap switches such as Cherry D4, Omron V10G and Microswitch V3
- Fits .187" or .250" terminals for 22 ga. wire
- Single plug convenience for easy on and easy off maintenance
- eliminates incorrect wiring with single disconnects
- Housing and contact design allows for “end” or “through” terminations.
- Eliminates the need for double wire crimp
- Cover (42-3506-01) provides added strain relief
- UL recognized
- Sold in Packs of 25



42-3506-00



(Cover not included 42-3506-01)

Part Number	Description
42-3506-00	Molex Switch Connector
42-3506-01	Molex Connector Cover

MOLEX PINS (TERMINALS)



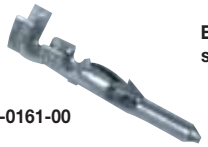
43-0144-00



42-0721-00



43-0016-00



43-0161-00

Enlarged to show detail

- Minimum order 100
- Molex quality
- Pins/Terminals required for use in above Molex connectors
- Snap-fit design allows for reliability and ease of installation

Part Number	Molex Ref. No.	Description
.093" Pin (Terminal)		
42-0721-00	02-09-2118	Male
43-0144-00	02-09-1119	Female
.062" Pin (Terminal)		
43-0016-00	02-06-2103	Male
43-0161-00	02-06-1103	Female

MOLEX C-GRID FEMALE TERMINAL

- Used on bill validator harness
- Used with crimp housing 43-0817-00
- .100 pitch
- 250V 3 amp
- Ref. No. 16-02-0069
- Sold in packs of 100

Enlarged to show detail



Part Number	Description
43-0816-00	C-Grid Female Terminal

MOLEX MINI-FIT TERMINAL

- Female terminal, 18-24 AWG
- Molex Ref. No. 39-00-0039
- Sold in Packs of 100



Enlarged to show detail

Part Number	Description
43-1224-00	Molex Mini-Fit Terminal

MOLEX TRIFURCON CRIMP STYLE TERMINAL

- For wire size 18-24 AWG
- Molex Ref. No. 08-50-0189
- Grips on three sides instead of only one
- For use with all female connectors with .156 centers
- Sold in Packs of 100



Enlarged to show detail

Part Number	Description
43-0515-00	Molex Trifurconl Crimp-Style Terminal

MOLEX CRIMP-STYLE TERMINAL

- For use with all Molex female connectors with .156 centers
- For wire size 18-24 AWG
- Molex Ref. No. 08-50-0106
- Sold in Packs of 100

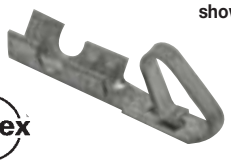


Enlarged to show detail

Part Number	Description
43-0523-00	Molex Crimp-Style Terminal

MOLEX CRIMP-STYLE TERMINAL

- For use with female connectors with .100 centers
- For wire size 22-30 AWG
- Molex Ref. No. 08-50-0114
- Sold in Packs of 100



Enlarged to show detail

Part Number	Description
43-0524-00	Molex Crimp-Style Terminal

MOLEX PIN (TERMINAL) EXTRACTOR TOOL



- Allows easy removal of Molex pins from connector
- A must for every toolbox
- For servicing of Molex connectors

Part Number	Molex Ref. No.	Description
11-03-0006	11-03-0006	Molex Extractor Tool for .093" Pins
11-03-0002	11-03-0002	Molex Extractor Tool for .062" Pins
11-03-0003	11-03-0003	Molex Extractor Tool for .156" Pins
92-0039-00	11-03-0044	Molex Extractor Tool for .165" Pins

MONITOR EXTENSION CABLE

- Used as VGA or SVGA monitor extension
- Extend your existing short monitor cable to provide useful flexibility
- DB15 Male on one end and DB15 Female on the other
- Ferrite cores on each end for noise suppression
- Shielded cable with multi-coax construction provides a sharp, clear display
- 6' overall length, 15 pin



Part Number	Description
55-0282-00	Monitor Extension Cable, 6'

USB EXTENSION CABLE

- Used to extend a USB device such as a trackball, keyboard, printer, modem, scanner, digital camera, etc.
- Extends the A connection (flat end) of a USB cable
- Shielded PVC jacketed cable
- 6' overall length



Part Number	Description
55-0278-00	USB Extension Cable, 6'

AMP TERMINAL PINS

- Sold in Packs of 100

Enlarged to show detail



Part Number	Molex Ref. No.	Description
43-1116-00	1-66103-7	Amp Pin
43-1115-00	1-66105-8	Amp Socket
43-0794-00	170363-1	Amp Pin
43-0793-00	170365-1	Amp Socket
43-0801-00	16-02-0115	Moltex Male C-Grid
43-0800-00	16-02-0103	Molex Female C-Grid
43-0521-00	350547-1	Amp Pin
43-0522-00	350550-1	Amp Socket

AMP PLUG

- 2-pin configuration
- Sold in Packs of 25



Part Number	Ref. No.	Description
43-0799-00	1-480698	2-pin Amp Plug

AMP MTA-100 CLOSED END HOUSINGS

- .100 centers
- Red plugs for 22 AWG wire
- Mates with all 100 post header assemblies
- Sold in Packs of 25



Part Number	Ref. No.	No. Pins
43-0810-00	640440-6	6
43-0808-00	1-640440-0	10

AMP INSERTION/EXTRACTION TOOL

- For AMP connectors



Part Number	Molex Ref. No.	Description
43-0998-00	91002-1	AMP Insertion Tool
92-0272-00	455822-2	AMP Extraction Tool
822154-1	822154-1	AMP Extraction Tool

AMP PICABOND CRIMP TOOL



Part Number	Ref. No.	Description
43-0795-00	244271-1	Amp Picabond Crimp Tool
43-0796-00	60947-3	Red Striped Connector
43-0797-00	609454-4	Green Striped Connector

8" CRIMPING TOOL - WIRE STRIPPER BOLT CUTTER

- Crimps 22-18, 16-14, & 12-10 AWG terminals and connectors
- Color-coded crimp teeth for fast and accurate crimping
- AWG numbered wire stripper for 10, 12, 14, 16, 18, & 20-22 gauge wire
- Bolt cutter for 8-32, 10-24, 10-32, 6-32, & 4-40 threads
- An affordable, 4-way crimping/stripping tool
- Length: 8"



Part Number	Description
92-0274-00	8" Crimping Tool

CRIMPING/WIRE STRIPPER/BOLT CUTTING HAND TOOL

- Clean cutting wire cutter
- Wire Stripper for 10,12, 14, 16, 18, and 20 gauge wire
- Bolt Cutter for 8-32, 10-24, 10-32, 6-32, and 4-40 threads
- Crimping tool for .093" Molex pins (terminals)
- Ideal for prototype work, small production volumes and repair jobs



Part Number	Description
11-03-0004	Hand Crimping/Wire Stripper/Bolt Cutting Tool

SARGEANTS CRIMPING TOOL

- For crimping .062, .093, .100, .156 and JST pins
- Ref. No. 1028CT



Part Number	Description
92-0032-00	Sargeants Crimping Tool

AMP MTA-156 CLOSED END HOUSINGS

- .156 centers
- Red plugs for 22 AWG wire
- Mates with all .156 post header assemblies
- Sold in Packs of 25



Part Number	No. Pins	Ref. No.
43-0806-00	2	643193-2
43-0804-00	4	640428-4

TAP SPLICES

- Fully insulated
- Packed 25 per box
- Minimum order: 1 Box
- Easy to install - No stripping or twisting
- Sold in Packs of 25



Part Number	Color	AWG
43-1132-00	Blue	14-18
43-1131-00	Red	18-22

CONNECTORS

- 2 wire
- Just trim wires, insert and crimp
- Sold in Boxes of 100

3M



Part Number	Color	AWG
43-0782-00	Green Tap Bridge	19-26
43-0781-00	Red 2 to 3-Wire Butt Splice	19-26
43-0783-10	Yellow 2-Wire Butt Splice	22-26

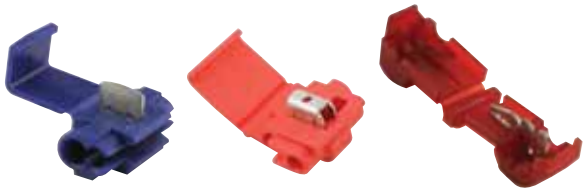
FLAG TERMINALS

- Fully insulated
- Color: Red
- .250 female lug
- For use with 18-22 AWG wire
- Sold in bags of 100



Part Number	Description
43-0827-00	Flag Terminals

SCOTCHLOK™ CONNECTORS



43-0824-00 43-0823-00 43-0822-00

- Fully insulated
- Easy to install – no stripping or twisting

3M

Part Number	3M No.	Color	Description	AWG	Min. Qty
43-0824-00	560B	Dark Blue	Scotchlok™	14-18	100
43-0823-00	558	Red	Scotchlok™	14-18	50
43-0822-00	951	Red	T-Tap (.250)	18-22	50

FORK TERMINALS

- Simply insert stripped wire and crimp
- Various sizes available
- Color-coded for easy identification: RED-22 to 18 AWG BLUE-16 to 14 AWG
- Sold per pkg. of 100



Part Number	Color	Stud	AWG
43-0680-00	Red	6	22-18
43-0681-00	Blue	8	16-14

RING TERMINALS

- Vinyl insulated butt seam
- Sold in packs of 100



Part Number	Stud	AWG
43-0784-00	6	18-22
43-0785-00	8	18-22

CRIMP STYLE WIRE TERMINALS

- Fully insulated nylon terminals
- Pack of 100
- 14-22 AWG
- Sold in Packs of 100



Part Number	Description
43-0789-00	Crimp-Style Wire Terminals

FEMALE QUICK DISCONNECT TERMINALS

- Translucent insulator provides fast visual check of the wire connection
- Wire stop prevents insertion of over-stripped wires
- Sold in packs of 100
- Color coded for easy identification: Red (22 to 18 AWG), Blue (16 to 14 AWG)



Part Number	Description
43-0401-000	.110" Quick Disconnect for use on 18-22 AWG Wire
43-0538-00	.187" Quick Disconnect for use on 18-22 AWG Wire
43-1229-00	.187" Quick Disconnect for use on 14-16 AWG Wire
43-0539-00	.250" Quick Disconnect for use on 18-22 AWG Wire
43-0541-00	.250" Quick Disconnect for use on 14-16 AWG Wire

FULLY INSULATED MALE QUICK DISCONNECTS

- Fully vinyl insulated butt seam
- Sold in packs of 100



Part Number	Color	AWG	Terminal
43-0525-00	Red	18-22	.250
43-1269-00	Blue	14-16	.250

PIGGY-BACK TERMINAL

- Insulated
- Terminal size .250
- Sold in packs of 100



Part Number	Description
42-2098-00	Piggy-back Terminal

EDGE CONNECTORS

- Dual row connector
- Available in 20, 56, and 7 Pin Configurations



Part Number	Description
49-0011-00	56 Pin "Jamma" Connector with Solder Terminals
49-0011-56	56 Pin "Jamma" Connector for Push-In Terminals (w/out Terminals)
49-0276-00	Push-In Terminal for 49-0011-56 Edge Connector

SEMI-INSULATED FEMALE QUICK DISCONNECTS

- Vinyl insulated butt seam
- Sold in packs of 100



Part Number	Color	AWG	Terminal
43-0682-00	Red	18-22	.187
43-0787-00	Red	18-22	.110
43-1070-00	Red	18-22	.250
43-0542-00	Blue	14-16	.187
43-0674-00	Blue	14-16	.250

SEMI-INSULATED MALE QUICK DISCONNECTS

- Vinyl insulated butt seam
- Terminal size: .250
- Sold in packs of 100



Part Number	Color	AWG	Terminal
43-0826-00	Red	18-22	.250

CLOSED END CONNECTORS

- An easy yet safe way to connect wires together, simply insert stripped wires and crimp
- Listed by: UL (E13288) & CSA (LR7189)
- Insulated
- Sold in packs of 100



Part Number	Description
43-0174-00	Closed End Connector, 22-14 AWG
43-0780-00	Closed End Connector 16-10 AWG

BUTT CONNECTORS

- Insulated for additional protection
- Simply insert stripped wire and crimp
- Various sizes available
- Sold in packs of 100
- Color-coded to make selection on the job easier



Part Number	Color	AWG
43-0421-00	Red	22-18
43-0422-00	Blue	16-14
43-0423-00	Yellow	12-10

600PC CABLE TIE ASSORTMENT KIT

New

- Low-profile head conserves space and reduces snagging
- Flexible nylon construction
- Various sizes available (see chart below for breakdown)

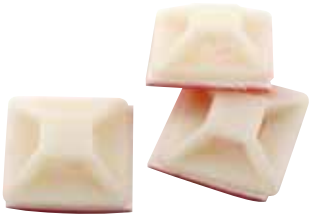


Assortment Contains the Following Cable Ties:			
Quantity	**Size**	**Color**	**Tensile Strength**
50	4"	Blue	18 lbs
50	4"	Red	18 lbs
50	5-12"	White	18 lbs
50	5-12"	Black	18 lbs
50	7-12"	White	40 lbs
50	7-12"	Black	40 lbs
50	7-12"	Red	40 lbs
50	7-12"	Blue	40 lbs
75	11"	White	50 lbs
75	11"	Black	50 lbs
50	14-1/2"	White	50 lbs

Part Number	Description
90-1030-03	600 Pc. Cable Tie Assortment

MOUNTING PADS FOR CABLE TIES

- Adhesive backed to allow flexibility in mounting and securing wires and cables
- Simply peel paper backing and apply to clean dry surface
- Natural color
- Four-Way insertion - 3/4" pad
- Two-Way insertion - 1" pad
- Sold per bag of 100



Part Number	Description
90-1031-00	3/4" x 3/4" Mounting Pad for use with 18#, 30#
90-1032-00	1" x 1" Mounting Pad for use with 18#, 30#, 50#, 75#

CABLE TIES WITH MOUNTING HOLE

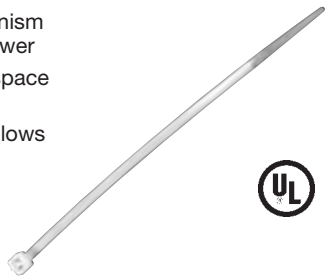


- Same features as cable ties above
- Mounting hole allows wires to be bundled and secured via #10 screw
- UL Recognized
- Sold per bag of 1,000

Part Number	Length	Max. Bundle Dia.	Color	Tensile Strength	Screw Size
90-1037-00	8"	1-3/4"	Natural	50 lbs	#10

CABLE TIES

- Patented dual locking mechanism facilitates superior locking power
- Low-profile head conserves space and reduces snagging
- Flexible Nylon construction allows ease of use
- Various colors available
- UL approved Nylon
- Sold per bag of 1,000



Part Number	Length	Max. Bundle Dia.	Color	Tensile Strength
90-1034-00	4"	13/16"	Natural	18 lbs
90-1036-00	6"	1-1/2"	White	30 lbs
90-1036-03	7.5"	2"	Black	50 lbs
90-1038-00	8"	2-3/16"	Natural	50 lbs
90-1038-16	8"	2-3/16"	Black	50 lbs
90-0063-00	11"	3"	Natural	55 lbs

CABLE CLAMPS

- Plastic clamps for channeling cable and wire
- Maximum operating temperature -60˚ F to 275˚ F
- Sold 100 per bag, except 1" sold in bags of 50



Part Number	Inside Diameter
90-0002-00	3/16"
90-0007-00	1/4"
90-0009-00	5/16"
90-0010-00	3/8"
90-0006-00	1/2"

P.C.B. SUPPORT SPACERS

- Sold in packs of 100



60-0901-00



60-0902-00

Part Number	Description
60-0901-00	7 Round Stand Off 1/4" Diameter
60-0902-00	Snap-in Stand Off 1/4"

VASTECH DELUXE ATX POWER SUPPLY TESTER

- Save time troubleshooting annoying output problems
- Connects to any ATX power supply
- Four connectors tests all outputs and signals
- LED status lights indicate which components pass or fail
- 1-year warranty



Part Number	Description
92-2084-00	Vastech Deluxe ATX Power Supply Tester

SANTRONICS AC SENSOR

- Patented outstanding safety equipment – locates defective grounds, energized circuits, induced voltage
- Maintenance, service and electrician personnel need this tool daily!
- Fits in shirt pocket
- Senses voltage without metallic contact
- UL listed-#39F5, tested and approved for public safety
- All outer surfaces are non-conductive for safety
- Detects 50-600 Volts AC
- Choice of OSHA
- Manufactured in the USA



Glows RED when contact is made with:

- Insulated wire with positive AC voltage
- Hot side of receptacle when voltage is present
- Each side of fuse, when checking if fuse is functional

Will not glow RED when contact is made with:

- Shielded cable
- Neutral side of wall outlet or cord (if wired correctly)

Part Number	Description
92-0281-00	Santronics AC Sensor

32-LED WORK LAMP

New

- A must when working inside a machine or anywhere light is needed
- 32 LEDs project bright light in small areas
- Easily hangs with attached hanger which folds away in recessed back
- Adjustable stand
- Plastic construction
- Size: 9-1/2" L x 2" W x 1-1/2" D
- Requires 3 AA batteries (not included)



Part Number	Description
91-16654-00	32-LED Work Lamp

72-LED LIGHT BAR

New

- Great multi-purpose light for use in workshop or in emergencies
- 72 LEDs provide energy efficient bright white light
- Built-in hook enables use at various angles
- Three strong magnets on back allow attachment to any ferrous surface
- Size: 8-5/8" H x 2-1/4" W x 1-1/2" D
- Requires 4 AA batteries (not included)



Part Number	Description
91-16837-00	72-LED Light Bar

HANGING 24-LED SERVICE LIGHT

New

- A must when working inside a machine or anywhere light is needed
- 24 LEDs project bright light in small areas
- Easily hangs with attached hanger which folds away in recessed back
- Or can be mounted inside machine with the magnet on back
- Size: 2-3/4" diameter
- Plastic construction
- Uses 3 AAA batteries (not included)



Part Number	Description
91-5461-00	Hanging 24-LED Service Light

STREAMLITE STYLUS™ LED FLASHLIGHT

- 100,000 hour lifetime, high-intensity Light Emitting Diode (LED), solid state bulb
- LED available in Arctic White (12,000 mcd), Ice Blue (5,000 mcd), or Red (16,200 mcd)
- 6000 series tempered aircraft aluminum, anodized finish; non-slip knurled grip
- Run time over 10 hours
- Waterproof, individually serialized, momentary "blink" switch and constant "on", pocket clip
- Weight is only 1.1 ounces with batteries
- Requires three AAAA alkaline batteries (Included)
- Color black; .38" D x 6.21" L
- Shipped with Glare Guard (49-6126-00)



Part Number	Description
49-1229-02	Streamlite Stylus™ White Led Flashlite
49-1229-05	Streamlite Stylus™ Blue Led Flashlite
49-1229-03	Replacement AAAA Batteries (Pk of 6)
49-6126-00	Glare Guard

STREAMLITE STYLUS 'REACH' LED FLASHLIGHT WITH FLEXIBLE CABLE

- Color: Black
- Run time of up to 60 hours
- Lifetime Warranty
- UL Listed
- Flexible cable extension for tight, hard-to-reach areas
- 100,000-hour lifetime, high-intensity Light Emitting Diode (LED), solid-state bulb
- 6000 series tempered aircraft aluminum, anodized finish; non-slip knurled grip
- Copper-core cable is shielded and insulated with PVC
- Waterproof; individually serialized; momentary "blink" switch and constant "on"; pocket clip
- White LED. Most popular for all-around use. Close to natural light, for "true color"
- Weight is only 1.7 ounces with batteries
- .38" (Dia.); Folded: 7" (L); Extended: 14" (L)
- Requires three AAAA alkaline batteries (included)



Part Number	Description
49-1229-09	Streamlight Stylus 'Reach' LED Flashlight
49-1229-03	Replacement AAAA Batteries – Pkg. of 6

STREAMLITE SCORPION™ XENON FLASHLIGHT

- Compact lithium powered flashlight, only 4.9" long and weighs 4.4 oz
- Xenon gas filled bi-pin bulb provides up to 6,500 candlepower
- Triple action tail cap switch
- Variable spot to flood focus
- Rubber-armored sleeve over aluminum body
- Unbreakable polycarbonate lens
- Belt clip attachment
- Includes two long life 3 volt lithium batteries and one spare bulb
- Color: Black

SCORPION®
STREAMLIGHT

WOW, Is this one BRIGHT



Part Number	Description
49-6123-00	Streamlight ScorpionTM Xenon Flashlight
49-6125-00	Replacement 3 Volt Lithium Batteries (Pk of 2)
49-6124-00	Replacement Xenon Bulb

UV 14-LED FLASHLIGHT

New

- 14 super bright UV LEDs make it easy to check ultraviolet inks in currency and IDs
- Toggle on/off switch at base for continuous use
- Three AAA batteries included
- High-strength aluminum case
- Color: Black
- Burn time: 15 hours
- Size: 4-1/4" L x 1-3/16" dia.
- Net weight: 2.88 oz.



Part Number	Description
49-8516-00	UV 14-LED Flashlight

STREAMLITE TWIN-TASK™ LITHIUM FLASHLIGHT

- 100,000-hour LEDs should never need replacement
- Patented LED/Xenon combination for super brightness
- Dual modes allow you to switch between 3 LED and Xenon lighting



Part Number	Description
49-1229-08	Streamlight Twin-Task Lithium Flashlight

MINI MAGLITE® FLASHLIGHTS

- High quality flashlights
- Batteries included
- Color: black
- 12 per box

MAG LITE



49-1215-00



49-1216-00

Part Number	Description
49-1216-00	AA Size
49-1215-00	AAA Size

EVEREADY® POCKET PEN LIGHT



- Handy flashlight comes with pocket clip
- Durable metal case
- Long life push button switch
- Bright concentrated beam
- Eveready Ref. No. 6212-1ACS
- Uses 2 AAA batteries (included)
- Replacement lamp #222
- Length: 5.48"
- Shipped in assorted colors, *specific colors cannot be requested*

EVEREADY

Part Number	Description
49-1217-00	Eveready® Pocket Flashlight



MINI MAGLITE® LED FLASHLIGHT

- A powerful projecting beam that focuses simply by rotating the head
- Balanced Optics™, combining a highly refined reflector with a quality LED, for a brilliant adjustable beam.
- Intelligent Energy Source Management (patent pending) balancing high brightness with efficient power usage
- Patented Candle Mode
- Rugged, machined aluminum construction with knurled design
- Anodized inside and out for improved corrosion insurance
- Water and shock resistant
- All Mag® flashlights are designed, patented and manufactured in the USA May contain some imported components
- Holster and 2 batteries included



MAG LITE

Part Number	Description
49-1216-10	Mini Maglite® LED Flashlight

EVEREADY® INDUSTRIAL MAGNET LIGHT

- Super bright Krypton bulb
- Performance and quality at a value price
- Ergonomically designed
- Hanger Ring
- Handy magnet lets you keep the flashlight convenient
- Easy slide switch
- Anti-roll design
- Chemical resistant
- Uses 2 D Cell batteries (sold separately)
- Bright yellow color, Faceted reflector

EVEREADY



Part Number	Description
49-1218-00	Eveready® Industrial Magnetlight

8-LED FLASHLIGHT

- Eight (8) ultra bright LEDs
- Shatterproof LED bulbs do not need replacing
- LED bulbs are energy efficient providing long battery life
- Two (2) AA batteries included
- Nylon pouch with belt loop included
- Sturdy aluminum design
- 5-1/2" long
- Less than 1" in diameter



Part Number	Description
49-1216-8L-8	8-LED Flashlight

SPECIALTY BATTERIES

New

- Used on MPU Boards
- Serves as memory backup for many gaming applications


A


B


C



D


E



F


G



H



I

Part Number	Type	Ref. No.	Description
27-1032-00	A	2/V 150H	2.4V Varta Ni-Cad, with DIP pins
80-0185-00	B	100103	3.6V DC Ni-Cad, AA w/tabs
27-1002-00	C	TL2150/P	3.6V Lithium w/pigtails, 1/2AA
27-1236-00	D	TL5101/T	3.6V Lithium w/tabs, 1/2AA
27-1040-00	E	TL5104P	3.6V Lithium w/pigtails, AA
49-0856-00	F	TL5104T	3.6V Lithium w/tabs, AA
49-0861-00	G	3/V 80H	3.6V 70mah Varta w/pins
49-0860-00	H	3/V150H	3.6V 140mah Varta stacked w/pins
27-0109-00	I	BR-2/3A	3V Lithium Battery for Aristocrat

FLASHLIGHT BULBS

- Long lasting
- High quality
- For use in various flashlight types


A


B


C

Part Number	Type	Description
49-1225-00	A	For 2 D Cells (Pk. of 2)
49-1230-00	B	Mini-Maglite Bulb For AA/AAA Flashlights (Pk. of 2)
91-1125-00	C	222 Lamp

PROCELL® PROFESSIONAL ALKALINE BATTERIES

- Manufactured by Duracell®
- Power Pro technology delivers more power for longer life
- PROCELL® alkaline batteries provide the same performance and quality as DURACELL® batteries
- Long lasting power providing superior dependability – even after five years of storage
- Lasts up to five times longer than super heavy duty batteries
- Long service life at high drain discharges
- Operates reliably in temperature extremes of –20˚ C to 54˚ C
- Date coded to ensure freshness
- Contains no added mercury



DURACELL PROCELL LAMPES DE POCHE PROFESSIONNELLES

Part Number	Description
49-6171-00	AA Alkaline Battery
49-6172-00	AAA Alkaline Battery
49-6173-00	C Alkaline Battery
49-6174-00	D Alkaline Battery
49-6175-00	9V Alkaline Battery

LITHIUM BATTERIES

- Various types



A


B


C

Part Number	Type	Ref. No.	Description
49-0855-00	A	MN02	Laser Lithium 3V, PC mount
27-0086-00	B	CR2025	Lithium, 3V coin cell
49-0857-00	B	CR2032	Lithium, coin cell
27-0022-00	B	BR2325	Lithium, 3V coin cell
49-0858-00	B	BR2330	Lithium, coin cell
49-5096-01	B	CR2354	Lithium, coin cell
49-5096-00	C	BR2325-1HC	Lithium, 3V with leads
49-1273-00	C	BR2325-T2	Lithium, 3V with leads
49-0857-10	C	CR2032-T14-1	Lithium 3V, PC mount

CIRCUIT ANALYZER AND RECEPTACLE TESTER



- Neon indicators give positive indication of circuit status
- Compact unit simply plugs into any standard 3-wire / grounded receptacle (110-125V AC circuits)
- Tests for 6 circuit conditions: open ground, open neutral, open hot, hot/ground reverse, hot/neutral reverse and correct wiring
- Succession of yellow and red lights provide indication of circuit status or specify which wire is defective
- Easy to read 3 views – top, side and bottom
- Will not normally trip GFCI

Part Number	Description
49-0958-00	Circuit Analyzer and Receptacle Tester

SINGLE POLE SWITCH

- .250 terminals
- 125 volt
- 15 Amp

CHERRY



Part Number	Ref. No.	Description
95-0852-00	E13	Single Pole Door Switch

1 MEG BLANK CERAMIC EPROM



- New factory sealed blank EPROM for use in JCM WBA-11 and WBA-21 bill validators
- Quality ST Microelectronics brand
- 70 nanosecond programmable EPROM
- 1Mbit (128Kb x 8)
- M27C1001-70F1 UV erasable
- Stock up now so you are ready for the Next Gen currency updates
- Shipped in anti-static tubes
- Sold in lots of 12, min order 12

Part Number	Description
60-0258-00	1 Meg Blank Ceramic EPROM

512K BLANK CERAMIC EPROM



- New factory sealed blank EPROM for use in JCM DBV-145 and DBV-45 bill validators
- Quality ST Microelectronics brand
- 90 nanosecond programmable EPROM
- 512 Kbit (64Kb x 8)
- M27C512-90F1 UV erasable
- Stock up now so you are ready for the Next Gen currency updates
- Shipped in anti-static tubes
- Sold in lots of 13, min order 13

Part Number	Description
60-0257-00	512K Blank Ceramic EPROM

BRACKET ASSEMBLY WITH ON/OFF TOGGLE SWITCH



- Pre-assembled for easy installation
- Plate is pre-drilled with four mounting holes
- Dimensions: 2.25" x 2.50"
- .250" terminals
- UL/CSA listed

Part Number	Description
49-5259-00	Bracket Assembly with ON/OFF Toggle Switch SPST, 20 amp, 125v, .250" terminals

TOGGLE SWITCHES

- .250 terminal
- 1/2" mounting hole
- UL/CSA listed



Part Number	Description	Amps	Volts
49-0005-00	Double Pole Single Throw	20	125
49-0031-00	Single Pole Single Throw	20	125

4 MEG BLANK CERAMIC EPROM



- New factory sealed blank EPROM for use in JCM WBA-13 and WBA-23 bill validators
- Quality ST Microelectronics brand
- 80 nanosecond programmable EPROM
- 4 Mbit (512Kb x 8)
- M27C4001-80XF1 UV erasable
- Shipped in anti-static tubes
- Sold in lots of 12, min order 12
- Also used in JCM DBV-200 heads: B1, A3 and B5
- Stock up now so you are ready for the Next Gen currency updates

Part Number	Description
60-0256-00	4 Meg Blank Ceramic EPROMM

INTEGRATED CIRCUITS



Part Number	Description
60-0471-00	24C04
60-0506-00	27C1000DC (1 Meg)
60-0120-00	27C512 (1/2 Meg)
60-0133-00	27C64
60-0507-00	27C2000DC (2 Meg)
60-0108-00	74HC273
60-0031-00	74HC373
60-0508-00	AM-29F010-120PC
60-0123-00	ILQ-2
60-0116-00	MC68681



Cherry Offers You Selection, Quality and Support

Cherry's ever-expanding lineup of switch products is one of the industry's best...

But depth of line is just one facet of Cherry's offering; we're equally obsessed with product quality. At Cherry, we feel our quality standards should be tougher than yours.

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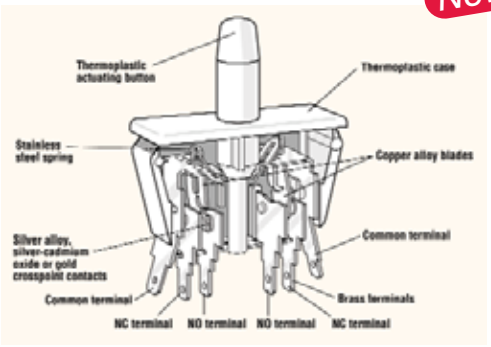
PANEL MOUNT PUSHBUTTON SWITCHES

New

SINGLE POLE PANEL MOUNT SWITCHES

- Choice of push and push-pull interlock switches
- Snap-in panel mounting
- Long life coil spring, snap-action mechanism
- Temperature rating -40˚ to +85˚
- Flammability rating UL94V-0
- Various terminal forms available

CHERRY



SINGLE POLE PANEL MOUNT SWITCH

- Single pole / Double throw
- Basic momentary action
- 10A, 125/250VAC; 1/3HP, 125/250VAC
- Terminals: 0.187" x 0.020" (4.75 x 0.51mm)
- UL recognized
- Cherry ref. no. E69-00A



Part Number	Description
53-7010-00	Single Pole Panel Mount Switch

SINGLE POLE PANEL MOUNT SWITCH

- Single pole / Double throw
- Push-pull (cheat) action
- 10A, 125/250VAC
- Terminals: 0.187" x 0.020" (4.75 x 0.51mm)
- UL recognized
- Cherry ref. no. E69-30A



Part Number	Description
53-7020-00	Single Pole Panel Mount Switch

SINGLE POLE PANEL MOUNT SWITCH

- Single pole / Double throw
- Push (momentary) action
- 10A, 125/250VAC
- Terminals: 0.187" x 0.032" (4.8 x 0.8mm)
- UL recognized / VDE approved
- Cherry ref. no. F69-66A



Part Number	Description
53-7031-20	Single Pole Panel Mount Switch

SINGLE POLE PANEL MOUNT SWITCH

- Single pole / Double throw
- Push (momentary) action
- 0.1A, 125VAC
- Terminals: 0.187" x 0.020" (4.75 x 0.51mm)
- UL recognized
- Cherry ref. no. E68-00A



Part Number	Description
53-7031-00	Single Pole Panel Mount Switch

SINGLE POLE PANEL MOUNT SWITCH

- Single pole / Double throw
- Push-pull (cheat) action
- 10A, 125/250VAC
- Terminals: 0.250" x 0.032" (6.3 x 0.8mm)
- UL recognized / VDE approved
- Cherry ref. no. F69-24AO



Part Number	Description
22-0745	Single Pole Panel Mount Switch

SINGLE POLE PANEL MOUNT SWITCH

- Single pole / Double throw
- Push-pull (cheat) action
- 10A, 125/250VAC
- Terminals: 0.187" x 0.032" (4.8 x 0.8mm)
- UL recognized / VDE approved
- Cherry ref. no. F69-65A



Part Number	Description
F69-65A	Single Pole Panel Mount Switch

SWITCH HOLDER

- Specially designed bracket to hold Cherry E7 series switches
- Protects switch from damage
- Switch easily snaps into holder
- Easy adjustable mounting
- Made from heavy duty 16-gauge steel
- Uses # 10 screws
- Switch not included



Part Number	Description
42-8061-00	Drop Door Switch Holder

BRACKET FOR PANEL MOUNT SWITCH

- For Cherry E68 and E69 series switches only
- Easily mount to cabinet
- Heavy-duty metal construction
- Mounting hardware not included



Part Number	Description
42-0578-00	Bracket for Panel Mount Switch

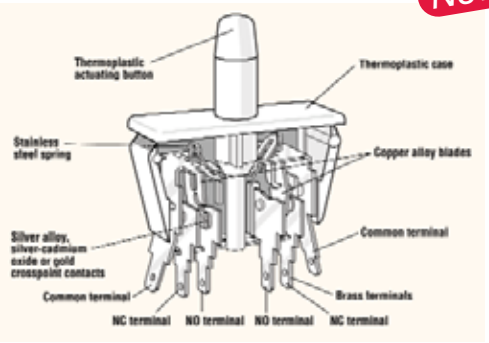
PANEL MOUNT PUSHBUTTON SWITCHES

New

DOUBLE POLE PANEL MOUNT SWITCHES

- Choice of push and push-pull interlock switches
- Snap-in panel mounting
- Long life coil spring, snap-action mechanism
- Temperature rating -40˚ to +85˚
- Flammability rating UL94V-0
- Various terminal forms available

CHERRY



DOUBLE POLE PANEL MOUNT SWITCH

- Double pole / Double throw
- Push-pull (cheat) action
- 10A, 125/250VAC; 1/3HP, 125/250VAC
- Terminals: 0.187" x 0.020" (4.75 x 0.51mm)
- UL recognized
- Cherry ref. no. E79-30A



Part Number	Description
53-7030-00	Double Pole Panel Mount Switch

DOUBLE POLE PANEL MOUNT SWITCH

- Double pole / Double throw
- Basic momentary action
- 10A, 125/250VAC; 1/3HP, 125/250VAC
- Terminals: 0.187" x 0.020" (4.75 x 0.51mm)
- UL recognized
- Cherry ref. no. E79-00A



Part Number	Description
53-7011-00	Double Pole Panel Mount Switch

DOUBLE POLE PANEL MOUNT SWITCH

- Double pole / Double throw
- Basic momentary action
- 0.1A, 125/VAC
- Terminals: 0.187" x 0.020" (4.75 x 0.51mm)
- UL recognized
- Cherry ref. no. E78-00A
- Aristocrat ref. no. 6416-430795



Part Number	Description
53-7032-00	Double Pole Panel Mount Switch

DOUBLE POLE PANEL MOUNT SWITCH

- Double pole / Double throw
- Short button momentary action
- 0.1A, 125/VAC
- Terminals: 0.187" x 0.020" (4.75 x 0.51mm)
- UL recognized
- Cherry ref. no. E78-40A



Part Number	Description
53-7026-00	Double Pole Panel Mount Switch

DOUBLE POLE PANEL MOUNT SWITCH

- Double pole / Double throw
- Short button momentary action
- 10A, 125/250VAC; 1/3HP, 125/250VAC
- Terminals: 0.187" x 0.020" (4.75 x 0.51mm)
- UL recognized
- Cherry ref. no. E79-40A
- Bally ref. no. E108-0385



Part Number	Description
53-7028-00	Double Pole Panel Mount Switch

DOUBLE POLE PANEL MOUNT SWITCH

- Double pole / Double throw
- Push-pull (cheat) action
- 10A, 125/250VAC
- Terminals: 0.187" x 0.020" (4.75 x 0.51mm)
- UL recognized / VDE approved
- Cherry ref. no. F79-66A



Part Number	Description
22-0746-1	Double Pole Panel Mount Switch

DOUBLE POLE PANEL MOUNT SWITCH

- Double pole / Double throw
- Push-pull (cheat) action
- 10A, 125/250VAC
- Terminals: 0.250" x 0.032" (6.3 x 0.8mm)
- UL recognized / VDE approved
- Cherry ref. no. OF79-30AB



Part Number	Description
OF7930AB	Double Pole Panel Mount Switch

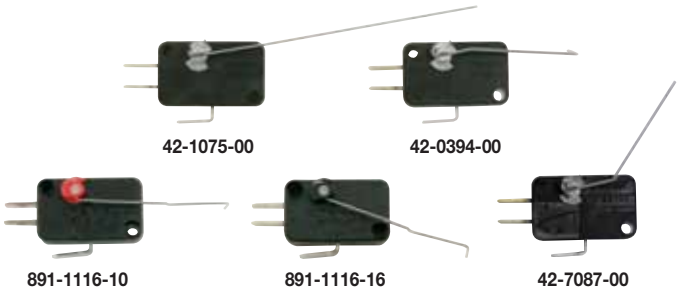
DROP DOOR SWITCH HOLDER

- Specially designed bracket to hold Cherry E7 series switches
- Protects switch from damage
- Switch easily snaps into holder
- Easy adjustable mounting
- Durable plastic design
- Uses #10 screws
- Switch not included



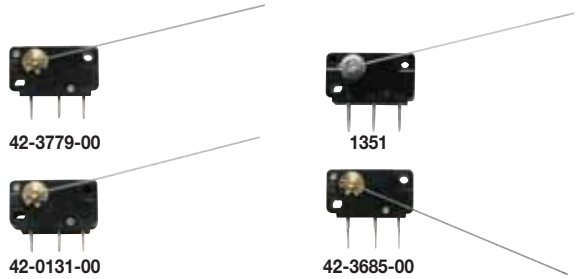
Part Number	Description
22-0098	Drop Door Switch Holder

COIN SWITCHES



Part Number	Description
42-1075-00	Coin Switch Assembly with Straight Wire
42-0394-00	Coin Switch Assembly with Bend for Suzo-Happ Coin Doors
891-1116-10	Coin Controls Coin Switch with Formed Actuator, Red
891-1116-16	Coin Controls Coin Switch with Formed Actuator, Black
42-0200-00	Straight Wire Only, 3.25"
42-7087-00	Coin Switch Assembly Crouzet .250 Terminal

COIN SWITCH WITH WIRE



Part Number	Description	Ref. No.	Amps	Terminal Size
1351	Zippy Vertical Straight Wire	CNR-055-03-2	5	.205" QC
42-0105-00	Cherry White Dot	E51-39RA	6	.187" QC
42-0131-00	Cherry White Dot	E51-60B	6	.205" QC
42-0315-00	Cherry White Dot (Horizontal Leads)	E53-78R	0.1	.187" QC
42-0312-00	Cherry Blue Dot	E53-82R	0.1	.187" QC
42-3685-00	Cherry Straight Wire	E51-60T	6	.187" QC
42-3779-00	Cherry Vertical Straight Wire	E53-60B	0.1	.205" QC

COIN SWITCH WIRE AND RETAINER

CHERRY



Part Number	Description
42-0200-00	3-1/4" Hair Clip Style Wire
95-4186-00	Wire Retainer (Push Nut)

WATERPROOF SNAP SWITCH

- Waterproof and dust proof
- 5 amps
- 125/250 Volts
- .110 terminals

CHERRY



Part Number	Description
95-0863-00	Waterproof Snap Switch

LONG ARM SWITCH WITH ROLLER ACTIVATOR

- 10 amps
- 125/250 volts
- 250" terminals



Part Number	Description
50-8018-20	Long Arm Switch w/Actuator

SNAP SWITCHES

- High quality switch
- 75 gram (standard) actuating force
- .187" or .250" terminal available



.187 Terminal

Part Number	Terminals	Amps
95-0733-90	.187"	15
95-4114-00	.187"	0.1
95-4111-90	.250"	15
95-4115-03	.250"	0.1

MINIATURE SNAP SWITCHES

- Used for VLT buttons
- .110 terminals
- 125 volts



CHERRY

Part Number	Ref. No.	Amps	Actuator	Type	Contacts
95-4118-90	DB3EBGAF	0.1	Green	A	Gold
95-4139-00	E62-30A	10	Red	B	Silver
95-1807-00	DB5GB1AA	1	Red	C	Silver

SWITCHES WITH ACTUATOR

- .250 terminal
- 1-1/2" actuator

CHERRY



Part Number	Ref. No.	Amps	Volts
42-0096-00	E-13-00H	15	125/250

MOMENTARY SWITCH

- Normally Open
- Single pole single throw
- 3 amp, 125 volt
- 1 amp, 250 volt
- 1/2" mounting hole



Part Number	Description
95-0845-00	Momentary Switch

ON/OFF BUTTON

- Push-on push-off (Latching)
- Red button cap
- 1/2" x 1/2" square
- 1-1/2" long
- 3 amp, 250 volt
- .110 terminal



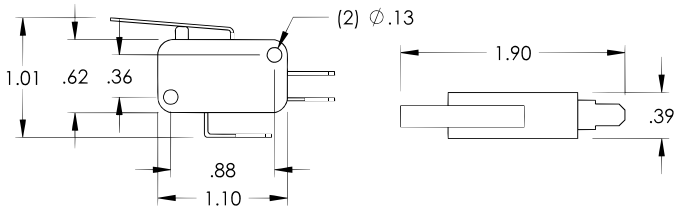
Part Number	Description
95-0842-00	On/Off Button

SNAP SWITCHES WITH STRAIGHT ACTUATORS

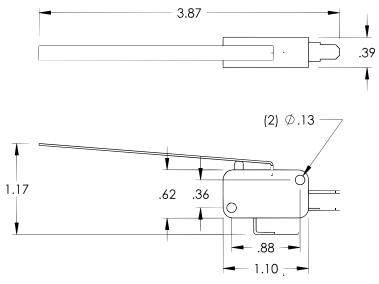
- 10 Amps
- 125 Volts
- .187 terminals



Mounting Dimensions 95-0735-00



Mounting Dimensions 95-4214-00



Part Number	Description
95-0735-90	1" Long Actuator
95-4214-00	3" Long Actuator

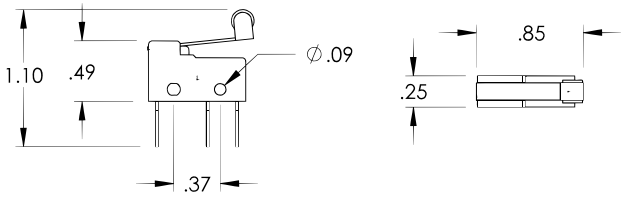
MINI-SNAP SWITCH WITH ROLLER ACTUATOR

- Roller actuator
- .110 terminals
- 0.1 amp 125 volt
- High Cherry quality
- Ref. No. E63-30K

CHERRY



Mounting Dimensions



Part Number	Description
95-4138-00	Mini-Snap Switch With Roller Actuator

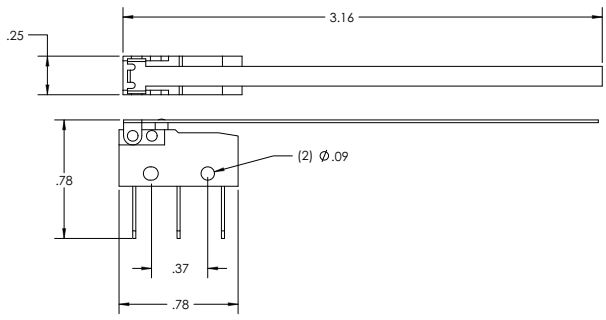
MINI-SNAP SWITCHES WITH ACTUATORS

- Fit All Recent Pinball Games
- 3" long actuator
- 0.1 amp, 125 volts
- .110 terminals

CHERRY



Mounting Dimensions 95-4183-00

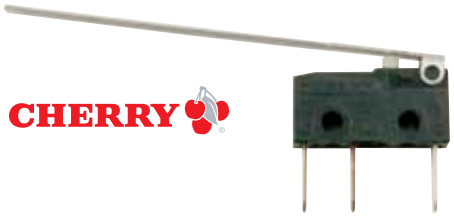


Part Number	Description
95-4183-00	Mini-Snap Switch w/Flat Actuator
95-4170-00	Mini-Snap Switch w/Wire Actuator

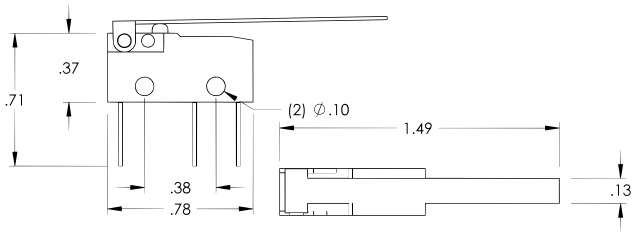
SWITCHES WITH ACTUATORS

- Made with GOLD contact Cherry switches for long reliable service
- 2 types available: “Miniature” D4 series “Subminiature” DA3 series
- Fit most applications on recent pinball games
- OEM applications – Custom designed switches also available, please inquire

SUBMINIATURE SWITCHES

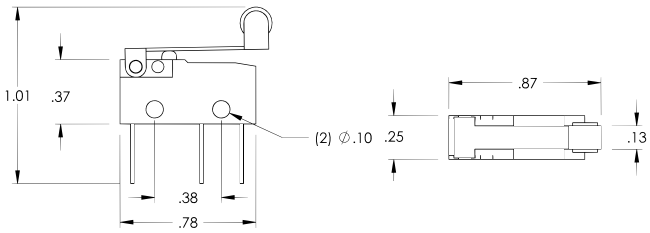


Mounting Dimensions 95-4141-00





Mounting Dimensions 95-4142-10

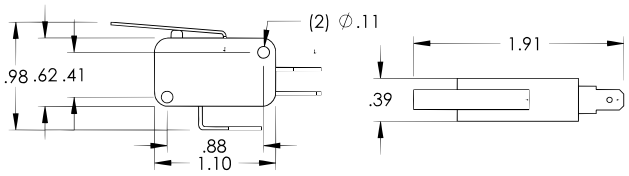


Part Number	Description
95-4141-00	Door Switch
95-4142-10	Validator Door Switch

MINIATURE SWITCHES

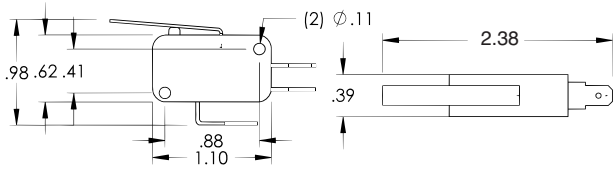


Mounting Dimensions 95-4177-00



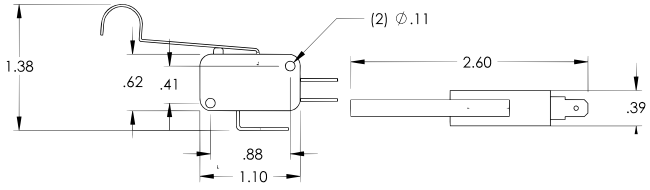


Mounting Dimensions 95-4155-00





Mounting Dimensions 95-4152-00



Part Number	Description
95-4177-00	Hopper Escalator Switch
95-4155-00	Hopper Escalator Switch
95-4152-00	Validator Switch

NTE SEMICONDUCTORS

- Suzo-Happ is an authorized NTE distributor
- Call us for all your electronic needs

NTE ELECTRONICS, INC.









Part Number	Description
NTE123AP	T-NPN, Si, Audio Amp, Sw
NTE125	D-Si, 1000 PRV, 2.5A
NTE1777	IC-Linear, TV, Fixed Vltg Reg,
NTE1788	IC-Linear, Vert Defl., Output
NTE1862	IC-Linear, Vertical Defl
NTE2013	IC-7-Channel Darlington
NTE2018	IC-8-Channel Darlington
NTE2324	T-NPN, Si, High Voltage Switch
NTE2331	T-NPN, Si, Horiz, Defl
NTE2353	T-NPN, Si, Horiz Defl Output
NTE2354	T-NPN, Si, High Vltg, Horiz. Out
NTE2365	T-NPN,SI HORIZ OUT,TO-3P
NTE2379	MOSFET-N-Ch
NTE2382	MOSFET-N-Ch
NTE2385	MOSFET-N-Ch
NTE2388	MOSFET-N-Ch
NTE2389	MOSFET-N-Ch
NTE2395	MOSFET-N-Ch
NTE2396	MOSFET-N-Ch
NTE2501	T-NPN, Si, HV for Video Output
NTE2508	T-NPN, Si, Video Output for HDTV
NTE262	T-PNP, Si, Darlington Pwr Amp
NTE291	T-NPN, Si, Gen Purpose Amp
NTE3041	Optoisolator, NPN Transistor
NTE373	T-NPN, Si, Audio Amp & Driver

Part Number	Description
NTE373	T-NPN, Si, Audio Amp & Driver
NTE375	T-NPN, Si, Vertical Deflection,
NTE377	T-NPN, Si, Pwr Amp, Driver, Sw
NTE378	T-PNP, Si, Pwr Amp, Driver, Sw
NTE382	T-NPN, Si, Audio Driver
NTE383	T-PNP, Si, Audio Driver
NTE46	T-NPN, Si, Darlington
NTE5340	Rectifier-SI, Bridge, 200V, 40A
NTE5330	R-Si, Bridge, 600V, 6A
NTE54	T-NPN, Si, High Freq Dr
NTE552	R-Si, General Purpose
NTE5608	TRIAC-400V, 8A
NTE577	R-Si, Gen Purp, Fast Recovery
NTE580	R-Si, Gen Purp, Fast Recovery
NTE6240	R-Si. Dual, Center Tap
NTE7062	IC-Linear, CRT Display
NTE7085	IC-Linear, Vert Defl Output
NTE7086	IC-Linear, Sync Deflection Ckt
NTE7096	IC-Linear,Current Mode PWM Ctrl
NTE834	IC-Linear, Low Power, Low Offset
NTE85	T-NPN, Si, Gen Purp Amp
NTE928M	IC-Linear, Dual OP Amp
NTE956	IC-Vltg Reg, Pos Adj
NTE960	IC-Vltg Reg, Pos, 5V, 1A
NTE966	IC-Vltg Reg, Pos, 12V, 1A
NTE977	IC-Vltg Reg, Pos, 5V, 100ma

85° RADIAL ELECTROLYTIC CAPACITORS

- P.C. mount type
- Minimum order 25 each



Part Number	Volts	MF
62-0150-00	10	1000
62-0186-00	10	3300
62-0088-00	16	100
62-0096-00	25	33
62-0211-00	25	330
62-0123-00	25	2200
80-0193-00	35	100
80-0109-00	35	1000
80-0106-00	35	2200
62-0068-00	200	100



105° RADIAL ELECTROLYTIC CAPACITORS

- P.C. mount type
- -40° to +105° C
- Minimum order 25 each



Part Number	Volts	MF
62-0183-105	10	1000
62-0079-105	10	1500
62-0027-105	10	2200
80-0129-105	16	10
80-0122-105	16	47
80-1159-105	16	220
80-1163-105	16	470
80-1160-105	16	1000
62-0185-105	16	1500
80-1161-105	16	2200
62-0416-105	16	3300
62-0287-00	16	6800
62-0094-105	25	10
62-0075-105	25	47
62-0097-105	25	100
62-0156-105	25	150
80-0117-105	25	220
80-0111-105	25	470
62-0107-105	25	820
80-0110-105	25	1000
62-0178-105	25	2200
62-0013-105	25	2200
62-0196-105	25	6800
62-0377-105	25	22000
62-0328-00	35	33
80-1166-105	35	47
80-0193-105	35	100
62-0130-105	35	220
62-0413-105	35	220
62-0125-105	35	330
62-0218-105	35	470
62-0181-105	35	680
80-0109-105	35	1000
80-0106-105	35	2200
80-1224-105	35	4700
62-0378-105	35	15000
62-0116-105	50	0.1
62-0117-105	50	0.47
80-0087-105	50	1
80-0132-105	50	2.2
62-0109-105	50	3.3
80-0130-105	50	4.7
80-0128-105	50	10
62-0018-105	50	22
62-0169-00	50	33
80-0123-105	50	47
80-1167-105	50	100
80-0148-105	50	220

Part Number	Volts	MF
62-0375-105	50	470
62-0468-105	50	1000
62-0114-105	50	2200
62-0390-105	50	4700
62-0189-105	63	1
62-0144-105	63	10
62-0078-105	63	22
62-0174-00	63	47
80-0120-105	63	100
62-0077-105	63	220
62-0391-105	63	330
62-0376-105	63	470
62-0290-105	100	1
80-1168-105	100	22
80-0102-105	100	47
62-0300-105	100	100
62-0152-105	100	220
62-0128-105	160	1
62-0482-105	160	22
80-0079-105	160	47
62-0129-105	160	100
62-0164-00	160	150
62-0366-105	160	220
62-0177-00	160	470
62-0161-00	200	22
62-0028-105	200	33
62-0186-105	200	47
62-0076-105	200	82
62-0104-00	200	100
62-0469-105	200	220
62-0190-105	200	470
80-0105-105	250	1
80-0104-105	250	4.7
62-0158-105	250	10
62-0159-105	250	22
62-0168-00	250	33
80-0096-105	250	47
62-0068-105	250	100
62-0066-105	250	150
62-0470-105	250	470
62-0197-105	400	2.2
62-0180-105	400	68
62-0500-105	400	220
62-0179-105	400	270
62-0401-105	400	330
80-1169-105	450	2.2
62-0105-105	450	220
62-0471-105	450	330

INTEGRATED CIRCUIT SOCKETS

- Low profile



Part Number	Description
61-0014-00	14 Pin
61-0016-00	16 Pin
61-0020-00	20 Pin
43-0927-00	40 Pin
61-0028-00	28 Pin
61-0029-00	32 Pin
43-0927-00	40 Pin

40 PIN GROUNDED DIP EXTRACTOR

- Instant and accurate extraction
- Simply place the tool on the socket and depress the plunger
- Conductive finish with ground strap connection point



Part Number	Description
92-0253-00	40 Pin Grounded Dip Extractor

UNIVERSAL PLCC EXTRACTION TOOL

- Extracts a range of PLCC sizes from 18 pins through 124 pins from any socket without damage to the chip
- Ideal for removal of Eproms for MEI & CashCode bill validators
- Spring loaded one-hand design requires no pulling
- Simply insert into socket, squeeze handles and chip is lifted from the socket
- ABS handles and stamped steel for reliability



Part Number	Description
92-0267-00	Universal PLCC Extraction Tool

ANTI-STATIC PRECISION TOOL KIT

- Contains all 9 anti-static alignment tools
- Wide range of tip styles and sizes for adjusting or aligning any conventional component
- Includes pocket storage case
- Kit includes:
  - Adjustment Driver
  - Combination Aligner
  - Duplex Aligner
  - Small Hex/Driver
  - Hex/Tip Tool
  - Mini-Potentiometer/Trimmer
  - Double-Ended Hex
  - 3-in-1 Hex Core Tool
  - Square/Hex Tool



Part Number	Description
92-0562-00	Anti-Static Precision Tool Kit

WIHA CHIP LIFTER WITH ESD SAFE HANDLE



- Precision ESD safe chip lifter with ESD anti-static dissipative handle 1.0 X 3.5mm
- Wiha Exclusive CRM-72 Tool Steel
- Hardened and Tempered
- Anti Corrosion protected
- Notched to straddle pins and fasteners
- Extraction even when pins have corroded
- Length: 145mm

Part Number	Description
92-12247-00	Wiha Chip Lifter with ESD Safe Handle

I.C. EXTRACTION TOOL

- Used to safely lift up I.C.'s for replacement



Part Number	Description
92-0022-00	I.C. Extraction Tool

EPROM REMOVER



- Bostitch G2K staple remover easily removes EPROMs
- Attractive chrome finish
- Size: 8-1/2" H x 3/4" L x 1-3/4" W

Part Number	Description
92-1567-000	EPROM Remover

ESD FIELD SERVICE KIT

- Compact and easily transportable
- Folds to 8-1/2" for travel
- 26" x 24" conductive mat with pocket along bottom
- 6 ft. ESD strap
- 10 ft. cord to ground



Part Number	Description
92-0888-00	ESD Field Service Kit

ZERO CHARGE® SCREEN & KEYBOARD CLEANER

- Eliminates static charge from sensitive surfaces and provides long-term static protection
- For optical clarity and distortion free reading
- Removes hand oils, ink marks, dust, fingerprints, nicotine, syrup, carbon and other soils
- Safe on plastic, ceramics, glass, metal and elastomers
- Non-streaking
- Non-ozone depleting
- Sold in boxes of 50
- 50 pre-saturated packets per box; 10 boxes per case

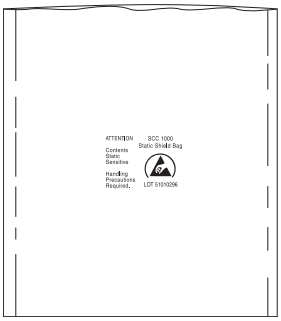


TECHSPRAY™

Part Number	Description
29-0059-00	Zero Charge® Screen & Keyboard Cleaner

STATIC SHIELD BAGS

- Prevents incoming static charges from damaging ESD sensitive products
- Metal “Faraday” Cage layer protects products from electric energy inside and prevents static build-up
- Meets requirements of MIL-B-81705 Rev. C, Type III and EIA Standard 541
- 8" x 10"
- Minimum order 10



Part Number	Description
39-0810-AS	8" x 10" Static Shield Bag

PROFESSIONAL ADJUSTABLE WRIST STRAP KIT

- Static protection helps eliminate damage to electronic devices
- Elastic material-extra wide and soft for comfort and has silver impregnated nylon knitted on inside for super conductivity
- Adjustable-Can be fitted to any size. Once adjusted and locked, the material will not slip
- Adjustable design eliminates exposed conductive "tail"
- Stainless steel stud
- No sloughing-safe for micro electronics
- Non-allergenic stainless steel
- Kit includes: 10 ft. coil cord, 4MM snap stud and alligator clip



Part Number	Description
80-0308-00	Professional Adjustable Wrist Strap

ANTI-STATIC WRIST STRAP



- Prevent damaging static discharge while working on static-sensitive equipment
- Works continuously, discharging electricity harmlessly as its generated
- Includes a 5' grounding cord attachment
- A “must-have” for any technician

Part Number	Description
92-1338-00	Anti-Static Wrist Strap

ANTI-STATIC FOAM

- Keep your electronic repair parts safe and handy
- Protects delicate IC leads during shipping and storage
- Protects against ESD “Static-Zap” damage
- Great for storing and transporting semiconductors
- Simply insert component into foam to keep leads from damage
- Black anti-static foam sheets 36" x 30" x 5/16" Thick – use to line drawers



Part Number	Description
39-0059-10	Black Anti-Static Foam Sheets 36" x 30" x 5/16" Thick

PLATT 6" DELUXE POLYPROPYLENE TOOL CASE

- Injection molded polyethylene shell
- Extruded aluminum frame with black trim
- Golf grip handle
- Cast chrome key locks and full length piano hinge
- Interior has two molded pallets and deluxe literature pocket
- 18" L x 13" W x 6" D
- Made in USA



platt

Part Number	Description
92-800T-CB	Platt 6" Deluxe Tool Case

CRESENT 170 PIECE TOOL SET

- Contains all the tools needed for most industrial applications, including 1/4", 3/8", and 1/2" quick-release ratcheting drives, with a wide selection of standard and deep sockets in the most common SAE and metric sizes
- Features 72-tooth ratchet drives for a 5° swing that's perfect in tight spaces
- 3/8" drive 12-point sockets to increase fastener contact area for maximum torque

Crescent®



- Durable storage cases have raised-letter ID for each tool location, so they'll stay organized, plus tools lock securely in place
- These tools meet stringent new ANSI and ASME specifications
- Ratcheting drives and sockets are chrome Vanadium for maximum strength
- Pliers are made of chrome nickel alloy steel providing rust resistance and strength with hardened cutting edge for durability
- Wrenches heat-treated for maximum strength with chrome plated finish
- All tools in this set meet stringent new ANSI and ASME specifications
- Set Includes:

(3) Drivers (1/4", 3/8", 1/2")
(4) Extenders,
(1) 3/8" TO 1/4" DRIVE ADAPTER
(22) 1/4" Sockets
(12) Deep/24 Sockets) 3/8" Sockets
(10) 1/2" Sockets
(2) Spark Plug Sockets 5/8 & 13/16
(1) 8" Adjustable
(1) 10" T&G
(1) 8" Long Nose Pliers
(1) Magnetic Bit Driver and
(40) Bits
(4) plastic holders
(4) Mag Screwdrivers
(24) Hex Keys (SAE/Metric)
(2) plastic holders
(12) Combination wrenches (5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 8MM, 10MM, 12MM, 13MM, 14MM, 15MM)

Part Number	Description
92-2742-00	Crescent 170 Piece Tool Set

XCELITE® SERIES 99® 23-PIECE ROLL KIT



- Versatile 23-piece set of quality tools
- Provides a variety of quick change tools and tool combinations to speed up assembly and service work
- All Blades are high quality steel, hardened and tempered for optimum performance
- Plastic handles have patented spring device that holds blades firmly, yet permits quick, easy insertion and removal
- Regular handles accommodate all blades, single and reversible
- Stubby, Tee and Ratchet handles used only with single-end blades
- Xcelite Ref# 99SM
- Durable roll-up plastic coated canvas case

Xcelite

Kit Includes:

(1) 5" Diagonal cushion grip pliers
(1) 6" Long nose cushion grip pliers
(1) 8" Cushion grip adjustable wrench
(1) Nut driver handle
(1) Stubby handle
(9) Nutdrivers
(3) Stubby nutdrivers
(2) Phillips screwdrivers
(2) Slotted screwdrivers
(1) Reamer
(1) Extension tool

Part Number	Description
92-1009-00	Xcelite® Series 99® 23-Piece Roll Kit

GATOR GRIP® UNIVERSAL SOCKET KIT

The amazing Gator Grip® makes half of your toolbox obsolete! This one socket fits fasteners of almost any shape. No longer waste time searching for socket after socket, when one socket can do the work of a whole set. The Gator Grip won't slip off nuts or strip them.

Save time and hassles, get the job done fast!



AS SEEN ON TV

GATOR-GRIP UNIVERSAL SOCKET

- Instantly fits over 1000 fasteners
- Always the right size socket
- One socket for both standard & metric
- Removes rusted & damaged nuts & bolts
- Unique round design won't damage fasteners
- Pins instantly adjust to grip any shape, no adjustments needed
- Even fits screw eyes, hooks, wing nuts and square nuts
- Superior grip, each hardened steel pin features it's own spring to provide a precision fit
- Save time and effort
- 1 year manufacturer warranty

Kit Includes:

(1) Gator Grip® Universal Socket, Fits 1/4" - 3/8" & 7mm - 19mm
(1) 3/8" Drive Reversible Ratchet Wrench
(1) High Speed Drill Adapter

Part Number	Description
92-0305-00	Gator Grip® Universal Socket Kit

PROFESSIONAL ELECTRONIC TOOL KIT



- 13 Assorted screwdrivers
- 6 Assorted precision screwdrivers
- Brush
- Mini-drill set
- Utility knife
- IC extractor
- Vice
- Electrical tape
- Flashlight
- Anti-static strap
- Assorted pliers
- Digital multimeter
- Solder
- 6" stainless scissors
- Folding hex wrench
- 8" lineman's pliers
- 6" tweezers
- Mini-vacuum cleaner
- Desoldering pump
- 6" adjustable wrench
- All-in-one crimper
- Soldering iron & stand
- Voltage test screwdriver
- Components box
- 5 pc. file set
- Removable pallets
- 10 pc. mini-wrench set
- Tool carrying case

Part Number	Description
92-0345-00	Professional Electronic Tool Kit

39 PIECE DURA-DRIVER RATCHET DRIVER MECHANICS KIT



- Hidden interchangeable bit storage keeps bits handy and secure
- 3 position High Torque Ratchet
- No slip grip stops slippage for higher torque
- S2 Industrial Steel bits resist wear and breakage
- Chrome Vanadium socket with true fit hex design, prevent rounding and stripping of nuts and bolts
- Ergonomic handle
- Crescent ref. no. SDMBR1

Crescent®

Kit Includes:

Dura-Driver Ratchet Screwdriver with 3 positions

9 Fractional sockets: 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2"

9 Metric Sockets: 5mm, 6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm,

18 Screwdriver Bits: #1 Phillips, #2 Phillips, #3 Phillips, 3/16" Slotted, 5/32" Slotted, 1/4" Slotted, #1 Square Recess, #2 Square Recess, #3 Square Recess, #10 Torx, #15 Torx, #20 Torx, #25 Torx, #30 Torx, #40 Torx, 5/32" Hex, 3/16" Hex, 1/4" Hex

2 Socket Adapters: 1", 2"

Part Number	Description
92-0358-00	39 Piece Dura-Driver Ratchet Driver

57-BITS SCREWDRIVER SET CHROME-VANADIUM



- Ideal for repairs and projects, all bits in chrome-vanadium
- Set Includes:

Cross Bits: PH0, PH1, PH2, PH3

Pozzi Bits: PZ0, PZ1, PZ2, PZ3

Fractional Flat Bits: 1/8, 5/32, 3/16, 1/4, 9/32

Metric Hex Bits: H2, H2.5, H3, H4, H5, H5.5, H6

Fractional Hex Bits: H1/16, H5/64, H3/32, H1/8, H5/32, H3/16, H1/4

Square Bits: S0, S1, S2, S3

'Star' Bits: T10, T15, T20, T25, T27, T30, T40

Metric Flat Bits: 2 x 3, 2 x 4, 2 x 5, 2 x 6, 2 x 7mm

Sockets: 3/16, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 15/32, 1/2 + adapter

Holder for bits on both sides, 1 x hooked

Part Number	Description
92-2347-00	57-Bits Screwdriver Set, Chrome-Vanadium

40-PIECE ECONOMY SOCKET SET



- Drop forged, chrome plated carbon steel construction
- Quick-reversing ratchet handle
- Knurled pattern on ratchet handle for non-slip grip
- Spring loaded ball bearings lock sockets on to drivers
- Tapered 6-point sockets for easy access to nuts and bolts
- Set Includes:

12pcs 1/4" Drive 6-point sockets (SAE): 5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 13/32, 7/16, 15/32 & 1/2"

12pcs 1/4" Drive 6-point sockets (Metric): 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, & 13mm

3pcs 1/4" Drive 8-point sockets (SAE): 1/4, 5/16 & 3/8"

3pcs 3/8" Drive 6-point sockets (SAE): 7/16, 1/2 & 5/8"

3pcs 3/8" Drive 6-point sockets (Metric): 12, 14 & 16mm

1pc 3/8" Dr. x 8" ratchet handle

1pc 3/8" Dr. x 3" extension handle

1pc 1/4" Dr. (m) x 3/8" Dr. (F) adapter

1pcs 1/4" Dr. x 6" spinner handle

1pc 3/8" Dr. x 5/8" spark plug socket

1pc 3/8" Dr. speed disk

1 storage case

Part Number	Description
92-0109-00	40-Piece Economy Socket Set

CAT 5 CABLE JACKET STRIPPER



- Designed for Cat 5/5E cables only
- Will not knick inner conductors
- Long life blade
- Length: 3.5", weight: 23 grams
- Durable high impact plastic housing
- Easy to use, no adjustments necessary
- Molded from yellow plastic to make it easier to find. No more lost tools!

Part Number	Description
92-0613-00	Cat 5 Cable Jacket Stripper

MIDGET SLIP JOINT PLIERS

- Miniature pliers with narrow jaws
- 3-jaw opening adjustment to 1/2"
- Red plastic-coated cushion grip
- 5" overall length
- Ref. No. 50CGV



Xcelite

Part Number	Description
92-0093-00	Midget Slip Joint Pliers

ADJUSTABLE WRENCH

- Rugged construction
- Quick, one-hand adjustment
- Chrome plated, polished heads
- Red cushion grip handle
- 4" overall length



Xcelite

Part Number	Ref. No.	Description
92-0311-00	44CGV	4" Adjustable Wrench

CRIMPING/WIRE STRIPPER/ BOLT CUTTING TOOL

- Ideal for prototype work, small production volumes and repair jobs
- Clean cutting wire cutter
- Wire Stripper for 10,12, 14, 16, 18, and 20 gauge wire
- Bolt Cutter for 8-32, 10-24,10-32, 6-32, and 4-40 threads
- Crimping tool for .062" & .093" pins (terminals)



Part Number	Description
11-03-0004	Handling Crimping/Wire Stripper

SARGEANTS CRIMPING TOOL

- For crimping comparitor JST terminals, Molex pins and .100 & .156 center edge connectors
- Ref. No. 1028CT



Part Number	Description
92-0032-00	Crimping Tool

ELECTRICAL PLIERS

- Wire cutting and stripping edges located in front of pivot for use in tight places
- Needle nose pliers add wire pulling and bending capabilities
- Scissors-action stripper insulated for cleaner, faster, more accurate stripping
- Serrated edge
- Red cushion grip handle
- 6" overall length
- Ref. No. 105CGV



Xcelite

Part Number	Description
92-0082-00	Electrical Pliers

ELECTRONIC SHEAR

- Low profile, general purpose cutter
- Superior blade by-pass shear cutting action
- Better cuts with half the effort
- Greatly reduced mechanical shock delivered to the work
- Light blue grips; 5" overall length
- Ref. No. 170M



Xcelite

Part Number	Description
92-0087-00	Electronic Shear

SLIM LINE TAPERED HEAD CUTTER

- Slim line tapered head
- Diagonal cutting pliers
- Flush cutting
- Blue puffy grips
- 4" overall length
- Ref. No. MS54-5J

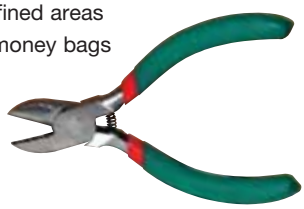


Xcelite

Part Number	Description
92-0121-00	Slim Line Tapered Head Cutter

5" NARROW DIAGONAL CUTTING PLIERS

- Narrow jaws work easily in confined areas
- Great for cutting cable ties on money bags
- Useful for all general purpose electric and electronic work
- Induction hardened cutting edges
- Overall length: 5"



Part Number	Description
92-0336-00	5" Narrow Diagonal Cutting Pliers

SUBMINIATURE NEEDLE NOSE PLIERS

- Positive gripping of fine wire or subminiature components
- Serrated jaws
- Fine point allows use in confined areas
- Green cushion grips
- 4" overall length
- Ref. No. L4-V



Xcelite

Part Number	Description
92-0089-00	Subminiature Needle Nose Pliers

LONG NEEDLE NOSE PLIERS WITH SIDE CUTTERS

- For firm gripping and looping of wire
- 6" overall length
- Ref. No. 51CGV
- Serrated jaw
- Forged alloy steel construction
- Available with or without side cutters for cutting 20 gauge soft copper wire
- Red plastic-coated cushion grip



Xcelite

Part Number	Description
92-0208-00	Long Nose Pliers with Side Cutters

LAMP EXTRACTOR TOOL

- Used to remove or insert minature lamps with bayonet –type bases
- Firmly and gently grasp lamps from panels and switchboards
- Includes return spring for fast lamp insertion and removal
- Grasp limited to 5/16" to prevent shorts
- Tool size: 4"



Part Number	Description
92-1763-00	Lamp Extractor Tool

LAMP REMOVAL TOOL

New

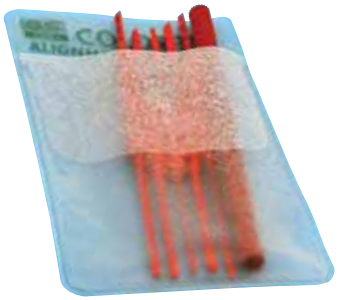


- Specifically designed to remove and install T-1 3/4 wedge base lamps from poker/VLT style buttons without removing the lampholder assembly
- Replace lamps quickly and easily from the top
- Contains a built-in lens cap removal blade under pocket-clip cap
- Compact size – only 5.2" long
- All metal construction for durability
- Great for lamp replacements in the field

Part Number	Description
92-10586-00	Lamp Removal Tool

UNIVERSAL COLOR TV ALIGNMENT KIT

- 5 different alignment tools for all standard adjustments
- All tools are made of Delrin in various colors for easy identification
- Included is the “Extend-it” to make long reach alignors out of each tool
- Kit Includes 1 each:
  - “Extend-it” shaft extension
  - Hex iron core tool
  - Hex core tool
  - Double end tool
  - Zenith alignment tool
  - 5" Hex wrench



Part Number	Description
92-0196-00	Universal Color TV Alignment Tool Kit

LEATHERMAN WAVE TOOL



- Includes:
  Needlenose Pliers, Regular Pliers, Wire Cutters, Hard-Wire Cutters, Clip-Point Knife, Serrated Knife, Saw, Scissors, Wood/Metal File, Diamond-Coated File, Large Bit Driver, Small Bit Driver, Large Screwdriver, Ruler (8"/19 cm), Bottle/Can Opener, Wire Stripper, Lanyard Attachment, and Two Double-Ended Bits.
- Included Screw Bits: Phillips and flat tip eyeglass screwdriver and Phillips #1-2 and screwdriver 3/16"
- 100% stainless steel (Optimum grade hardness for each tool/blade)
- Length: 4" / 10 cm closed - 6.3" / 16 cm open
- Weight: 8.5 ounces / 241 grams

Part Number	Description
92-2010-00	Leatherman Wave Tool

3M™ ELECTRONICS VACUUM

New

- Designed for high efficiency cleanup of most business equipment
- High efficiency filtration system
- Replaceable one horse power motor provides maximum debris collection
- Includes 5 attachments for hard to reach places (crevice nozzle, crevice brush, needle nose nozzle, dusting brush and tubular nozzle assembly)
- Vacuum is stored in high impact plastic carrying case



- Attachments and power cord are stored inside the cover and held in place with an internal door
- 3-Year limited warranty
- UL and CSA listed

Part Number	Description
92-0522-00	3M™ Electronics Vacuum
29-0136-00	3M™ Type 2 Filter for dust/toner

MOLEX PIN EXTRACTOR TOOLS

- Spring-loaded tool to allow easy removal of Molex pins from connector
- A must for every toolbox
- For servicing of Molex connectors



11-03-0003 11-03-0006 92-0039-00

Part Number	Molex Ref. No.	Description
11-03-0006	11-03-0006	Molex Extractor Tool for .093" Pins
11-03-0002	11-03-0002	Molex Extractor Tool for .062" Pins
11-03-0003	11-03-0003	Molex Extractor Tool for .156" Pins
92-0039-00	11-03-0044	Molex Extractor Tool for .165" Pins

40 PIN GROUNDED DIP EXTRACTOR

- Instant and accurate extraction
- Simply place the tool on the socket and depress the plunger
- Conductive finish with ground strap connection point



Part Number	Description
92-0253-00	40 Pin Grounded Dip Extractor

SEIZERS

- Versatile tool with unusual holding qualities
- Clamps firmly to hold wires for soldering
- Acts as a heat sink and retrieves small parts from hard-to-reach places
- Precision-machined from perfectly tempered stainless steel
- Box-joint construction
- 3-position snap lock
- Serrated jaws
- 6" long



Xcelite

Part Number	Ref. No.	Description
92-0090-00	42HV	Straight Nose Seizer
92-0091-00	43HV	Curved Nose Seizer

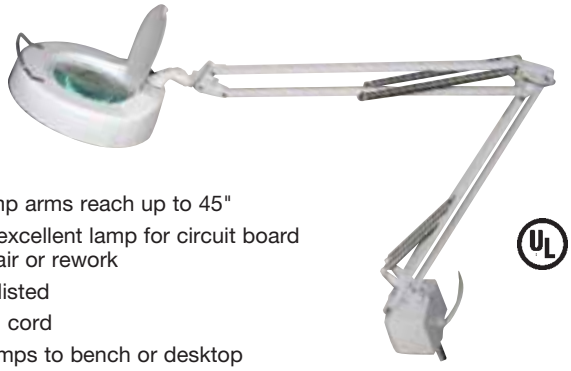
THIRD HAND WITH MAGNIFIER

- Magnifying glass for close work
- Works at any angle
- When two hands are not enough
- Diopter 2.5
- Size: 4.9" x 2.2" x 7.7"



Part Number	Description
92-0042-00	Third Hand with Magnifier

MAGNIFYING FLUORESCENT WORK LAMP



- Lamp arms reach up to 45"
- An excellent lamp for circuit board repair or rework
- UL listed
- 5 ft. cord
- Clamps to bench or desktop
- Heavy duty for years of use
- 3x Magnifier lens for easy viewing
- Spring-balanced arm positions light where it's needed
- 22 watt circular fluorescent lamp supplies shadow free light

Part Number	Description
91-0202-00	Magnifying Fluorescent Work Lamp

TWEEZERS

- Premium stainless steel tweezers
- Precision quality-made in the USA
- Made from anti-magnetic, anti-acid stainless steel
- For electronic and fine assembly work



92-0150-00

Xcelite

Part Number	Ref. No.	Description
92-0150-00	XSST-4	Fine Taper Point Tweezers

I.C. EXTRACTION TOOL

- For easy removal of integrated circuits



Part Number	Description
92-0022-00	I.C. Extraction Tool

7-PIECE NUT DRIVER SET

- Convenient blow molded case for wall mounting
- Color-coded handles
- 7-1/4" overall length
- Ref. No. 147TB



Xcelite

Color	Hex Size
Red	1/4"
Orange	9/32"
Amber	5/16"
Green	11/32"
Blue	3/8"
Brown	7/16"
Red	1/2"

Part Number	Description
92-0077-00	7-Piece Nutdriver Set

11-PIECE NUT DRIVER SET



- Handles more jobs with fewer tools, saves bench space and lightens service kit
- Equipped with remarkable black, "piggyback" torque amplifier handle
- Set housed in attractive clear plastic case
- Color-coded handles
- Ref. No. PS-120 - Inches
- Ref. No. PS-121mm - Metric

Xcelite

Color	Inch Size	Metric Size
Blue	3/32"	3mm
Red	1/8"	3.5mm
Amber	5/32"	4mm
Black	3/16"	4.5mm
Brown	7/32"	5mm
Red	1/4"	5.5mm
Orange	9/32"	6mm
Amber	5/16"	7mm
Green	11/32"	8mm
Blue	3/8"	10mm
Black	Torque Handle	Torque Handle

Part Number	Description
92-0078-00	Nutdriver Set - Inch Sizes
92-0280-00	Nutdriver Set - Metric mm
92-0354-00	Replacement Handle

NUT DRIVERS

- Full hollow shaft



Xcelite

Part Number	Ref. No.	Color	Hex Size	Shaft Length	Overall Length
92-0119-00	L-8	Red	1/4"	6"	10-1/8"
92-0117-00	L-10	Amber	5/16	6"	10-1/8"
92-0115-00	L-11	Green	11/32	6"	10-1/8"
92-0114-00	L-12	Blue	3/8	6"	10-1/8"

S.A.E. POWER NUT DRIVER BIT SET

- For Magna Tip screwdriver 1/4" shank
- Adaptable to 1/4", 3/8" and 1/2" chucks
- 7-piece set includes: 3/16", 1/4", 9/32", 5/16", 7/16", 3/8" and 11/32" nutdrivers
- Handy red plastic case



Part Number	Description
92-0223-00	S.A.E. Power Nutdriver Bit Set

MAGNETIC NUT DRIVER



Xcelite

- Ultimate in convenience for assembly and service involving hex operations
- Alnico permanent magnet inserted in socket holds fasteners firmly for easy, one-hand driving or for retrieving or removal
- Socket specially treated and hardened for use with self-tapping screws
- Unique Xcelite development effectively insulates magnet
- Comfortable handle provides adequate torque for one-hand use

Part Number	Ref. No.	Color	Hex Size	Shaft Length
92-0118-00	L-8-M	Red	1/4"	6"

TELESCOPING MIRROR WITH MAGNETIC PICK-UP



- 1.25" round mirror is Ideal for seeing in difficult places
- Swivel connection allows mirror to be angled just right
- 1 lb. Pull magnet picks up dropped parts
- Magnet end extends to 27.25"; closes to 5.25"
- Color: chrome with red vinyl handle

Part Number	Description
92-0350-00	Telescoping Mirror with Magnetic Pick-Up

POCKET SIZE HEX KEY SETS

- Spring bar holds tool in place
- One piece steel case, heat treated 8650 alloy steel
- Folds up like a pocket knife



7-Piece Metric Key Set
Includes the following sizes: 1.5mm, 2mm, 2.5mm, 3mm, 4mm, 5mm and 6mm
8-Piece S.A.E. Key Set
Includes sizes: .050, 1/16", 5/64", 3/32", 7/64", 1/8", 9/64" and 5/32"
9-Piece Large S.A.E. Key Set
Includes sizes: 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32" and 1/4"

Part Number	Description
92-0044-00	7-Piece Metric Hex Key Set
92-0045-00	8-Piece SAE Key Set
92-0046-00	9-Piece SAE Key Set

XCELITE SCREWDRIVERS

- Blades are AISI 6150 chrome vanadium steel, plated for protection



Xcelite

Part Number	Type	Point Size	Shaft Length	Overall Length
92-0173-00	Flat Blade	1/8"	4"	6-5/8"
92-0178-00	Phillips	2	10"	14-1/8"

SUZO-HAPP 5" SCREWDRIVER



- Handy 5" screwdriver with reversible Phillips/Slotted head
- Rubberized handle give you a better grip, even with wet or greasy hands
- Pocket clip makes it easy to carry in your shirt pocket without losing
- Hex shaft with a metal socket
- Smaller size is ideal for those tiny, hard to get spots

SUZO HAPP

Part Number	Description
SCREWDRIVER SUZO- HAPP	Screwdriver with Reversible Phillips/Slotted Head

TWO-IN-ONE STUBBY SCREWDRIVER

- Stubby handle
- 3/16" slotted tip end and No. 1 Phillips end
- Ref. No. TSD-1V





Xcelite

Part Number	Description
92-0088-00	Two-In-One Stubby Screwdriver

4-IN-1 POCKET DRIVER SET



- Compact driver set is ideal for technicians on the go
- Magnetized driver holds tips in place
- Pocket clip for shirt pocket
- Handle color: Red
- Size: 4-1/2" L x 5/8" diameter
- 3/8" nut driver with 7/32" slotted and #1 Phillips tips in the handle

SUZO HAPP

Part Number	Description
92-0369-00	4-In-1 Pocket Driver Set

PHILLIPS SCREWDRIVERS

- Cushion grip
- Various sizes and lengths



Crescent®

Part Number	Point Size	Blade Length	Overall Length
92-0129-00	1	3"	6-3/4"
92-0262-00	2	4"	8-3/8"
92-0263-00	3	6"	11"

4-WAY POCKET TOOL

- Double-ended handle serves as 2 sizes of nutdrivers, 7/16" and 1/4"
- Special reversible SB1 blade fits slotted or Phillips head screws
- Versatile time saver
- Ref. No. 600V



Xcelite

Part Number	Description
92-0187-00	4-Way Pocket Tool

FOUR-IN-ONE SCREWDRIVER



- 2 blades interchangeable with two-in-one screwdriver
- Converts in seconds to 3/16" and 1/4" slotted tips and #1 & #2 phillips tips
- Self storing standard shaft
- Extra Handy Tool
- Ref. No. FSD-IV

Xcelite

Part Number	Description
92-0266-00	4-in-1 Screwdriver

6-PC JEWELERS SCREWDRIVER SET



- Housed in a sturdy plastic case
- Precision screwdriver set
- Includes 2 Phillips blades (1 & 0) and 4 flat blades (1.4mm, 2.0mm, 2.4mm & 3.0mm)

Part Number	Description
92-0072-00	6-pc Jewelers Screwdriver Set

MAGNETIC SCREWDRIVER



- Industrial quality screwdriver
- Magnetic shank with flip top cap
- 1/4" Hex insert bit
- Includes 4 bits in handle: Phillips #1, #2 and Flat #4 , #6



92-0035-00

Part Number	Description
49-0585-00	7" Magnetic Screwdriver with 4 Bits
49-0586-00	11" Magnetic Screwdriver with 4 Bits
92-0035-00	Replacement Screw Cap

SCREWDRIVER BITS



TORX® Tamper-Resistant



Slotted



Phillips

- Ideal for screw guns, cordless and electric drills
- Tough, fracture-resistant tips
- Made in the USA
- Torx® is a registered trademark of Camcar Div. of Textron Inc.

Part Number	Description
49-0632-00	#1 Phillips
49-0633-00	#2 Phillips
49-0574-T10	Torx® T-10 Tamper-Resistant Bit
49-0574-T15	Torx® T-15 Tamper-Resistant Bit
49-0574-T20	Torx® T-20 Tamper-Resistant Bit
49-0574-T25	Torx® T-25 Tamper-Resistant Bit
49-0574-T27	Torx® T-27 Tamper-Resistant Bit

TAMPER RESISTANT TORX® WRENCHES

- 6-piece set
- Contains one each T-10, T-15, T20, T-25, T-27, T-30
- Torx® is a registered trademark of Camcar Div. of Textron Inc.



Part Number	Description
49-0709-00	Tamper-Resistant Torx® Wrench Set

BIT HOLDER FOR HEX INSERT BITS

- Magnetic 1/4" bit holder



Part Number	Description
92-0016-00	2-7/8" Length
92-0050-00	6" Length

1/4" MALE ADAPTOR

- Adapts screwdrivers and drills to drive sockets



Part Number	Description
92-0015-00	1/4" Male Adapter

TAMPER RESISTANT STAR BIT SET

- For tamper-resistant star fasteners
- Tempered, precision-machined tips
- Complete with PVC organizer
- Includes 7 bits: T-10, T-15, T-20, T-25, T-27, T-30, T-40

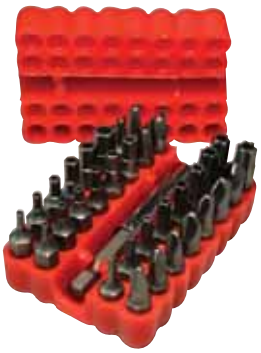


Part Number	Description
49-0710-00	Tamper-Resistant Star Bit Set

33-PIECE SECURITY BIT SET

- Handy pocket size set
- Bits commonly used to remove tamper resistant screws
- Blister card packaging
- Set Includes:

'Star': #T8, T10, T15, T20, T25, T27, T30, T35, T40
Hex: #5/64", 3/32", 7/64", 1/8", 9/64", 5/32"
Hex: #2, 2.5, 3, 4, 5, 6
Tri-Wing: #1, 2, 3, 4
Fork: #4, 6, 8, 10
Four-Wing: #6, 8, 10
Magnetic bit holder: 1/4" hex



Part Number	Description
49-0710-10	33-Piece Security Bit Set

100-PIECE SCREWDRIVER BIT SET

- Indispensable when working on: cars, machinery,household appliances, electric & electronic devices
- Set Includes:

Philips bits: PH.0, PH.1, PH.2 (5x), PH.3
Pozzi Bits: PZ.0, PZ.1, PZ.2 (5x), PZ.3
Square Bits: S0, S1, S2, S3
Clutch Bits: 1, 2, 3
1 wing nut driver
4 extension bits:
Socket bit holder: 1 pc
Magnetic bit holder: 1 pc
1/4" sq. x 1/4" x 2" extension: 1 pc
1/4" sq. x 1/4" x 1" extension: 1 pc
Antenna remover bits: 4, 6, 8, 10
Tri-Wing Bits: 6, 8, 10
Four-Wing Bits: 1, 2, 3, 4
Flat Bits: 3, 4, 4.5, 5, 5.5, 6, 6.5, 7, 8mm
Metric Hex Bits: 1.5, 2, 2.5, 3, 4, 5, 5.5, 6, 8mm
Fractional Hex Bits: 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/2
'Star' Bits: T8, T10, T15, T20, T25, T27, T30, T40, T45
'Star' with Centre Bits: T8, T10, T15, T20, T25, T27, T30, T35, T40
Dodecagonal 'Star' Bits: M5, M6, M8
Metric Hex with Centre Bits: 2, 2.5, 3, 4, 5, 6mm
Fractional Hex with Centre Bits: 5/32, 9/64, 1/8, 7/64, 3/32, 5/64

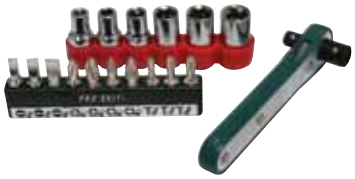


Part Number	Description
92-2346-00	100-pc Screwdriver Bit Set

17 PIECE OFFSET RATCHET SCREWDRIVER & SOCKET SET

New

- Double ended hexagon drive to accommodate 1/4" screwdriver bits and a square head for 1/4" square sockets
- Ideal for tight areas such as working in machines
- Kit Includes:
  - Ratchet driver
  - Six S.A.E. sockets (3/16", 7/32", 1/4", 5/16", 11/32", 3/8")
  - Ten screwdriver bits (T10, T15, T20 Torx bits; Phillips #1, #2 bits; Slotted 4, 5, 6mm bits)



Part Number	Description
92-0889-17	17 Piece Offset Ratchet Screwdriver & Socket Set

4-POCKET HOLSTER

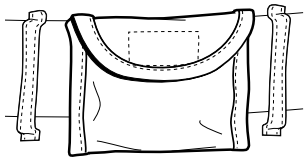
- Clip-on 4-pocket holster for mini-flashlight, tools, marker, etc.
- Made in the USA
- Overall size: 4" x 4"
- 3 small pockets and 1 large pocket in back
- Constructed from tuff poly webbing and a plated spring steel clip
- Easily worn with or without a belt
- Spring-loaded metal belt clip on back



Part Number	Description
92-0564-00	4-Pocket Holster

GLOVE POUCH

- Made of black cordura nylon
- 2-1/2" low profile belt loop



Part Number	Description
92-0112-00	4" x 4" Large Glove Pouch

SECURITY POUCH

- 3 large pockets hold: 1 set handcuffs, 2 pair latex gloves, 1 Mag-lite, 2 pens or 1 marker, 1 log book
- Fits on web belts
- Made in the USA from heavy duty black nylon Cordura®
- Size: 8" L x 4" W x 1-1/2" D
- May also be used as a tool holder
- Handcuffs and tools not included



Part Number	Description
92-0289-00	Security Pouch

LARGE SLOT MACHINE POUCH

- 6" W x 8-1/2" H
- 2 pockets
- Black Imperial nylon
- Large belt loop sewn on back



Part Number	Description
92-0111-00	Large Slot Machine Pouch

RADIO/EMT COMBO POUCH BY RAINE

- Heavy-duty multipurpose pouch ideal for repair techs, handymen and security staff
- Fits on your belt and can hold any size radio, scissors, pens, mini flashlight, small screwdriver and cell phone
- Made in the U.S.A. from durable Polypro Web
- Easy care maintenance, pouch can be washed in water and is unaffected by oil or mildew
- Size: 2.5" W x 1.75" D x 9" H
- Minimum height 6"



Part Number	Description
92-2083-00	Radio/EMT Combo Pouch

LARGE TOOL HOLDER

- 3 large pockets
- Extra space for additional tools
- Made from heavy duty black nylon Cordura
- Fits on tool belt



Part Number	Description
92-0012-00	Large Tool Holder

PLATT MECHANICS TOOL BAG

- Black Cordura fabric
- Water-repellent and very durable
- 8 sewn-in pockets on the inside and 2 snap pouches on the outside
- Compact utility bag will keep your tools and parts organized
- 12" L x 6" W x 6-1/2" D

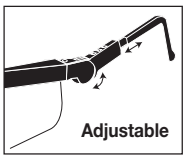


Part Number	Description
92-0348-00	Platt Mechanics Tool Bag

SAFETY GLASSES WITH ADJUSTABLE FRAME

- Economical, wrap-around styling with integral sideshields and nosebridge
- Impact resistant lenses treated with Duramass® AF4 scratch-resistant coating
- Adjustable temple length
- Unique fully-adjustable, five-position ratchet-action temples
- Clear polycarbonate lenses filters out 99.9% of harmful UV light
- Meets CSA Z94.3
- Meets ANSI Z87.1-2003 High Impact
- Black frame





Part Number	Description
92-0136-01	Safety Glasses w/Adjustable Frame

ANTI-STATIC WRIST WRAP



- Prevent damaging static discharge while working on static-sensitive equipment
- Works continuously, discharging electricity harmlessly as its generated
- Includes a 5' grounding cord attachment
- A “must-have” for any technician

Part Number	Description
92-1338-00	Anti-Static Wrist Strap

DREMEL ELECTRIC ENGRAVER

- 7,200 strokes per minute
- Includes letter and number template
- 1.15 amp



92-2047-00



92-1864-00

Part Number	Description
92-1864-00	Dremel Electric Engraver
92-2047-00	Dremel 405 Bristle Brush

GLUE STICKS

- 10" glue sticks
- Pack of 20



Part Number	Description
29-1145-00	Glue Sticks (Pack of 20)

FLEXTSTONE FILES

- For filing electrical contact points
- 4-1/4" long



Part Number	Description
43-0686-00	Fine Grit
43-0687-00	Medium Grit

METAL BURNISHER

- For burnishing electrical contacts
- 4" long



Part Number	Description
43-0579-00	Metal Burnisher

SPRING HOOK & SCRIBE

- Double fixed-point scribe
- One straight point and one curved hook
- Overall length of 8"



Part Number	Description
49-0655-00	Spring Hook & Scribe Tool

TAP & DRILL SET

- Designed for electricians
- 13-Piece set holds carbon taps and matching HSS twist drills
- Housed in durable plastic case
- Includes 6 carbon plug taps- sizes: 4-40, 6-32, 8-32, 10-24, 10-32, 1/4-20 6 HSS twist drills-sizes: 43, 36, 29, 25, 21, 7 and a T-handle wrench



Part Number	Description
92-0080-00	Tap and Drill Set

15 PIECE DELUXE DRILL BIT SET

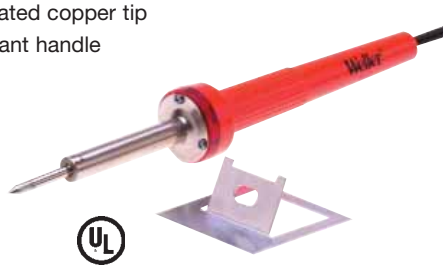
- 1/4" round shank twist drills
- Reduced shanks on sizes above 1/4"
- Durable molded plastic case
- 1/16" center punch and full fractional drill range
- Includes sizes 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8", 7/16" and 1/2"



Part Number	Description
92-0027-00	Deluxe Drill Bit Set

SOLDER PENCIL

- Weller Marksman 25W with stainless steel barrell
- Replaceable nickel-plated copper tip
- Heat and impact resitant handle



Part Number	Description
SP23	Solder Pencil

UNIVERSAL SOLDERING GUN



- 2-wire cord
- UL listed
- 120 volt, 50/60 Hz, 140/100 watts
- Ref. No. 8200
- Fingertip trigger selection of high or low output from instant-heat gun-ready to solder in 6 seconds
- High efficiency tin plated, pure copper tip
- Compact, balanced pistol-grip design
- Soldering hints booklet included

Part Number	Description
94-8200-00	Universal Soldering Gun
94-7135-00	Replacement Soldering Tip, card of 2

REPLACEMENT TIPS



92-0252-00 92-0192-00

Part Number	Ref. No.	Size
92-0252-00	T-1	1.0mm Pro Tip
92-0192-00	T-3	3.2mm Pro Tip

WELLER SOLDERING IRONS



- Professional quality
- 7-7/8" / 200mm long
- Small and lightweight
- 6 ft. 3-wire cord
- UL Listed
- Quick change knurled collar
- Stainless steel barrel
- Uses ST series long life double-coated iron-plated tips
- Light blue with cushion grip handle and plug in heating element
- 3 different heating elements are available

Part Number	Ref. No.	Watt
94-0025-00	WP25	25
94-0035-00	WP35	35

PORTASOL BUTANE SOLDERING IRON



- Cordless, refillable butane gas-powered soldering equipment
- Does not require cords, batteries or cartridges
- Patented soldering tool has a catalytic converter that provides a powerful yet safe flameless combustion
- Refills with butane lighter gas

Part Number	Description
92-0194-00	Portasol Butane Soldering Iron

PORTASOL SOLDERING KIT



- Does not require cords, batteries or cartridges
- Patented soldering tool has a catalytic converter that provides a powerful yet safe flameless combustion
- Refills with butane lighter gas (29-1055-00)
- Develops 850˚ F/ 454˚ C
- Kit contains Portasol P-1 soldering tool, 3/32 in. / 2.4mm iron-plated soldering tip, hot knife accessory, hot blower accessory, blow torch accessory, cleaning sponge and safety stand
- Ref. No. P-1KC

Part Number	Description
92-0277-00	Portasol Soldering Kit

SOLDER POPPER



- Combines a snap-vacuum solder removal tool with a 30 watt soldering iron for fast, one hand operation
- Excellent tool for field repair or production work
- Tightly sealed vacuum pump snaps up all of the solder quickly
- Removable reservoir stores solder
- Long life tip unscrews for easy replacement

Part Number	Description
92-0759-00	Solder Popper

MANUAL DESOLDERING PUMPS



94-0200-00



94-0201-00

- Removes molten solder from printed circuit boards and electronic components
- Plunger seal spring creates extremely strong suction
- Antistatic Teflon tips that screw into the body to ensure that the strong vacuum is maintained
- Tool features push button plunger release and lightweight aluminum body that withstands high temperatures
- Tips unscrew to allow easy removal of accumulated solder debris

Weller®

Part Number	Ref. No.	Description
94-0201-00	7881	Desoldering Pump w/.125" Tip
94-0203-00	7883	Replacement 0.125" Tip
94-0200-00	7874B	Desoldering Pump w/0.07" Tip
94-0202-00	7875B	Replacement 0.08" Tip



REPLACEMENT PARTS FOR WELLER WES50 & WES51 ELECTRONIC SOLDERING STATION



94-0233-00



94-0236-00



94-0234-00



94-0238-00



94-0235-00



94-0239-00

Weller®

Part Number	Ref. No.	Tip Size & Description
94-0234-00	ETR	1/16" Narrow Tip
94-0233-00	ETS	1/64" Conical Tip
94-0238-00	ETDD	3/16" Flat Tip
94-0235-00	ETO	1/32" Conical Tip
94-0236-00	ETA	1/16" Screwdriver Tip
94-0239-00	ETK	3/64" Long Screwdriver Tip

REPLACEMENT SOLDER TIPS FOR WTCPT STATION

- Heavy iron plated, precision ground PT series tips
- Provide maximum heat transfer from heater to tip



Weller®

Part Number	Ref. No.	Tip Size & Description
94-0093-00	PTP7	7000 F Conical Tip
94-0094-00	PTA7	7000 F Screwdriver Tip
94-0263-00	PTO7	7000 F Long Conical Tip
94-0095-00	PTA8	8000 F Screwdriver Tip

REPLACEMENT SOLDERING TIPS

- For Weller WP25 and WP35 solder irons
- ST series tips
- Precision ground copper tips are plated with iron, nickel and chromium



ST1



ST3

Weller®



ST7

Part Number	Ref. No.	Tip Size & Description
94-0001-00	ST1	1/16" Screwdriver Tip
94-0003-00	ST3	1/8" Screwdriver Tip
94-0007-00	ST7	1/32" Conical Tip

CONTROLLLED OUTPUT SOLDERING STATION



- Transformer powered soldering station complete with macro style, low voltage, temperature controlled soldering iron
- Special “closed loop” method of controlling maximum tip temperature...to protect temperature sensitive components
- Quick disconnect plug for soldering iron and lighted on/off switch
- Separate conductor grounds iron tip and terminates at third pin of power cord
- UL listed
- 120 volts, 60 watts, 60 Hz
- Ref. No. WTCPT

Part Number	Description
94-0092-00	Controlled Output Soldering Station

Replacement Tips		
Part Number	**Ref. No.**	**Description**
94-0210-00	TC201T	Solder Iron with Tip
94-0106-00	455	Sponge

WELLER ELECTRONIC SOLDERING STATION



- Electronically controlled station
- Ideal for continuous production soldering or occasional use
- Features a new heater and sensor design that allows for quick heat-up and recovery
- Wireless temperature lockout to prevent operators from raising the temperatures to higher levels than specified
- Wireless tip temperature calibration provides capability of resetting station temperature readings to variations in tip sizes and styles
- Slim, comfortable hand piece reduces operator fatigue
- ESD safe to protect sensitive components
- 120 volts, 60 watts
- UL listed
- Ref. No. WES51

Part Number	Description
92-0213-00	Weller WES51 Soldering Station

WELLER DIGITAL 85W SOLDERING STATION, 120V



- 3 "radio buttons" allows to pre-set frequently used temperature settings
- Extensive Special Functions menu allows you to utilize access features
- Setback, lockout, temp. window, F/C switching, standby, auto-off time
- Large high contrast LCD display displays more information at a glance
- The heating element is contained in the pencil rather than the tip
- Micro pencil with short tip to grip (37 mm) puts you close to the work
- High output pencil allows you to work with lead-free solder
- Iron stand has adjustable tilt angle in 4 positions ranging from 30-80
- ESD safe to protect sensitive components
- Ref. No. WD1001

Product Details	
Wattage	85 W
Soldering Pencil(s)	WMP
Temp Range	150° F to 850° F
Voltage Input/Output	120 V/24 V
Supplied Tip(s)	NT1
Iron Stand	WDH20
Temp Accuracy	+/- 9° F to +/- 5° C
Length	15.354"
Width	10.236"
Height	8.268"
Gross Weight	8.818 lb.
Volume (cu in)	1299.428

Part Number	Description
92-2734-00	Weller Digital 85W Soldering Station, 120V

SPONGE FOR SOLDERING STATION

- Replacement Sponge sold in eaches
- Ref. No. 455



Part Number	Description
94-0106-00	Sponge for Soldering Station

SOLDERING TOOL STAND

- Soldering tool stand with base sponge and iron holder
- Compatible with Weller W60P, WP25, WP30, WP35 and irons with barrel diameters up to 15/32"/11.90mm
- Ref. No. PH60



Part Number	Description
94-0280-00	Soldering Tool Stand

CHIP QUIK SMD REMOVAL KIT



- By adding Chip Quik normal solder will reflow at a safe low temperature below 150˚
- Remove QFPs, PLCCs, SOICs and chip components without complex and costly equipment
- A large inventory stock of heater tips and nozzles are not required
- Use Chip Quik with existing rework equipment or temperature controlled soldering irons
- Eliminates mechanical damage from chip extraction when reflow is incomplete
- Complete instructions for SMD removal and cleanup included
- Contents provided in a durable plastic case

Part Number	Description
92-2148-00	Chip Quik SMD Removal Kit
92-2144-00	Chip Quik Complete Solder/Desolder Kit

SOLDER PEN



- Handy disposable dispenser with pocket clip
- 12-1/2' of .032 diameter solder
- 60% tin 40% lead, with rosin core

Part Number	Description
29-1035-00	Solder Pen

KESTER FLUX PEN®



- The Kester Flux-Pen® is a unique tool for rework and touch-up soldering
- It allows controlled application of flux, eliminating the mess from flux bottles
- Flux-Pen® are ideally suited for surface mount rework, component add-on applications, and TAB assembly operations.

Part Number	Description
29-0111-00	Formula 186 Flux-Pen®

SOLDER SPOOL

- Activated rosin core solder offers excellent wetting action
- Completely non-corrosive and electrically non-conductive
- 60% tin 40% lead
- 1 lb. spool of solder



Part Number	Diameter	Description
29-1152-00	0.62	Kester “44”
29-1050-00	0.31	Kester “44”

PROWICK® DESOLDERING BRAID



- Advanced braid design works instantly to pull in excess solder
- Pure copper braid construction enhances wicking action
- Mildest non-activated white rosin flux ensures safe, clean operation
- Vacuumed-packaged for longer shelf life

Part Number	Description	Width	Length
80-0012-00	#1 White Fine Braid	.035"	5'
80-0016-00	#2 Yellow Fine Braid	.055"	10'
80-0017-00	#2 Yellow Fine Braid	.055"	25'
80-0022-00	#3 Green Fine Braid	.075"	5'
80-0018-00	#3 Green Fine Braid	.075"	10'
80-0020-00	#3 Green Fine Braid	.075"	25'
80-0040-00	#4 Blue Fine Braid	.098"	5'
80-0030-00	#4 Blue Fine Braid	.098"	10'
80-0034-00	#4 Blue Fine Braid	.098"	25'
80-0023-00	#4 Blue Fine Braid	.098"	100'

MINI RAZOR BLADE & HOLDER

- Blade easily snaps in and out
- Blade can be stored upside down for safety
- Holds blade securely for scraping jobs
- Includes one blade



Part Number	Description
49-5053-00	Mini Razor Blade Holder and Scraper

RAZOR BLADES

- Single edge
- Industrial quality
- Sold 100 per box



Part Number	Description
49-0926-00	Razor Blades

UTILITY KNIFE

- Fully retractable blade with slide stop operation
- 3 blade positions - full, 1/2 and 1/4
- Aluminum handle is contoured to fit the palm of the hand
- Includes 3 heavy duty blades
- Extra blades can be stored in the handle



Part Number	Description
92-0040-00	Utility Knife

UTILITY KNIFE BLADES

- Heavy Duty
- Sold in packages of 5



Part Number	Description
92-0014-00	Utility Knife Blades

HAKKO 493 SMOKE ABSORBER

Soldering work involves both metallic and organic compounds; the solders themselves, and the fluxes necessary for soldering. These compounds release noxious fumes when heated, which can lead to both short and long term operator irritations and illness.

- The Hakko 493 is designed to remove these noxious fumes quickly, safely, and efficiently
- The replaceable filter is made by joining a specific urethane foam with refined, activated high absorption carbon
- The fan is fully adjustable, quiet, and efficient
- ESD safe by design. The entire unit is processed with a non-sloughing static dissipative conductive material



HAKKO

SPECIFICATIONS	
Part No. 493-10	
Power Consumption	17W
Absorption Capacity (w/o filter)	Approx. 1.07m³/min. (37.79 ft³/min.)
Outer Dimensions	220mm W x 270mm H x 168mm D (8.7 W x 10.6 H x 6.6 D in.)
Weight	1.5 kg (3.3 lbs.)
Accessories	Filter (3 pcs.)
Activated-Carbon Filter	
Size	130 x 130 x 10 mm (5.1 x 5.1 x 0.4 in.)
Amount of Activated-Carbon filter	12 g (0.03 lb.)
Max. Absorbing weight of noxious components per filter	4 g (0.01 lb.)

Part Number	Description
92-1260-00	Hakko 493-10 Smoke Absorber

HAKKO 808 DESOLDERING TOOL

The Hakko 808 is a handy, portable desoldering tool with a built-in vacuum pump. No separate station is required.

- Thin, comfortable grip and low vibration

This unique Hakko design places the pump and motor above, not inside, the grip. Vibration is kept to a minimum, and the grip is thin and easy to hold. Delicate tasks are performed with greater ease; the tool can be used for long periods without operator fatigue.



HAKKO

- Simple and inexpensive pump maintenance

The new, miniature, high-performance diaphragm pump is housed in the chamber at the rear of the Hakko 808. Pump maintenance is quick and easy-simply remove the cover. If repairs are ever needed, replacement parts are inexpensive

- Tip-to-ground potential difference no greater than 2mV
- Tip-to-ground resistance no greater than 2 ohms
- Adjustable temperature control (380°C - 480°C / 715°F - 895°F)
- Includes Carrying Case and Hot Sock

(PN: Carrying Case - C1099 and Hot Sock - 605M)

SPECIFICATIONS	
Part No. 808-KIT/P	
Power Consumption	100W
Heating Element	Ceramic heater
Motor Output	6.5W
Temperature	380°C - 480°C (715°F - 895°F)
Tip to Ground Resistance	Under 2 ohms
Tip to Ground Potential	Under 2mV
Vacuum Pump	Double-cylinder diaphragm pump
Vacuum Pressure	600 mmHg (24 in. Hg)
Suction Flow	10 l/min.
Dimensions (w/o Case)	170 H x 235 W mm (6.7 H x 9.3 W in.)
Weight (w/o Case)	420 g (0.9 lb.)
Standard Nozzle	A1005 (Nozzle dia. 1.0mm)

Part Number	Description
92-1253-00	Hakko 808 Desoldering Tool

HAKKO 472D DESOLDERING TOOL

Desoldering process control made easy with the Hakko control card. Use the card to enter temperature settings into the system memory. When the card is removed, all parameter settings and the temperature setting are "locked" in the system memory. This not only provides strict process control but also guards against operators making inadvertent changes



HAKKO

- The Hakko 472D provides a pencil-type desoldering tool with powerful suction power
- The short straight heating element aids in ease of operation
- The output circuit is isolated from the power input and insulated transformer
- ESD Safe by design
- Zero crossover switching on motor

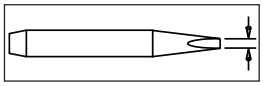
SPECIFICATIONS	
Part No. 472D-01	
Output Voltage	24V AC
Power Consumption	110W
Vacuum Generator Vacuum pump, double cylinder type	
Vacuum Pressure	80 kPa (600 mmHg) (24 in. Hg)
Suction Flow	15 l/min.
Motor Output	18W
Outer Dimensions	160 x 148 x 263 mm (6.3 x 5.83 x 10.35 in.)
Weight	Approx. 4.6 kg (10.13 lbs.)

Desoldering Handpiece - Model Name 807	
Part No. C1091	
Heating Element	Ceramic Heater
Power Consumption	24V AC/60W
Nozzle-to-Ground Resistance	Under 2 ohms
Nozzle-to-Ground Potential	Under 2 mV
Temperature	350°C - 450°C (662°F - 842°F)
Standard Nozzle	A1003 (Nozzle dia. 1.0mm)
Length	250 mm (8.07 in.)
Weight (w/o cord & hose)	Approx. 150 g (0.35 lb.)

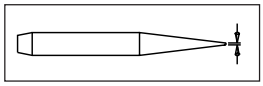
Part Number	Description
92-1218-00	Hakko 472D-01 Desoldering Tool

PACE PS-80/90 TIPS

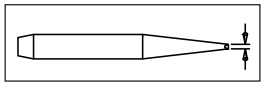
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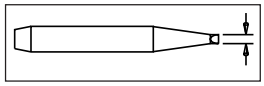
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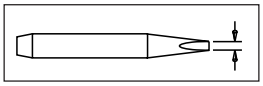
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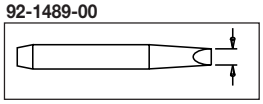
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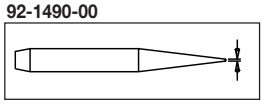
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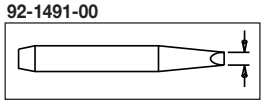
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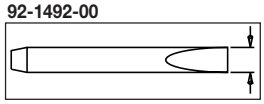
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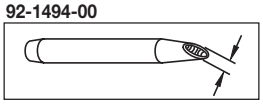
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92-1492-00

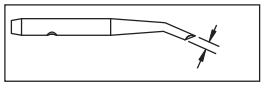


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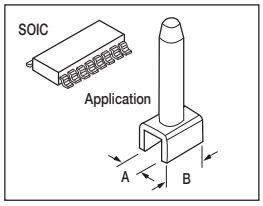


Part Number	Reference No.	Description	Pkg Qty
92-1484-00	1121-0414-P5	1/16" Chisel (High Conductivity)	5
92-1485-00	1121-0357-P5	1/64" Conical	5
92-1486-00	1121-0336-P5	1/32" Conical	5
92-1487-00	1121-0335-P5	1/16" Chisel	5
92-1488-00	1121-0499-P5	1/16" Chisel (Extended Reach)	5
92-1489-00	1121-0337-P5	1/8" Chisel	5
92-1490-00	1121-0359-P5	1/32" Chisel	5
92-1491-00	1121-0360-P5	3/32" Chisel	5
92-1494-00	1121-0490-P5	Mini-Wave	5
92-1502-00	1121-0390-P1	SOIC-8 Removal	1
92-1504-00	1121-0391-P1	SOIC-14 Removal	1

92-1495-00



92-1502-00 92-1504-00



PACE SX-70 AND SX-80 SUPPLIES

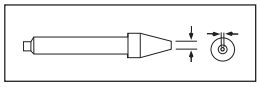
Part Number	Reference Number	Description
92-1529-00	1309-0018-P50	SX-70 Sodr-X-Tractor Filters, Pkg 50
92-1531-00	1265-0009-P1	SX-70 Glass Chamber, Pkg 1
92-1533-00	6010-0080-P1	SX-70 Heater And Seal Assembly, Pkg 1
92-1535-00	6010-0106-P1	SX-80 Hand Piece, Pkg 1
92-1537-00	1309-0054-P10	SX-80 Flux/Sodr Trap, Pkg 10
92-1538-00	1309-0054-P100	SX-80 Flux/Sodr Trap, Pkg 100
92-1539-00	6010-0107-P1	SX-80 Heater Assembly, Pkg 1
92-1541-00	1500-0063	SX-80 Plunger Lock, Pkg 1
92-1543-00	1309-0028	Replaceable Visifilter, Pkg 1
92-1544-00	1309-0027-P10	Replaceable Visifilter, Elements, Pkg 10
92-1545-00	1309-0027-P25	Replaceable Visifilter, Elements, Pkg 25



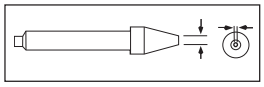
PACE DESOLDERING TIPS FOR SX-70 AND SX-80

- Sold in packages only

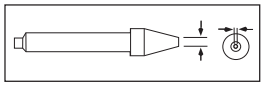
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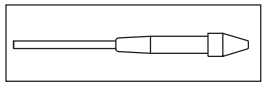
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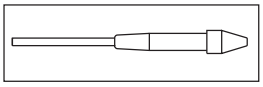
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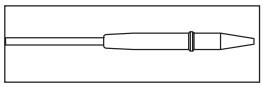
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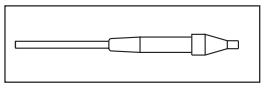
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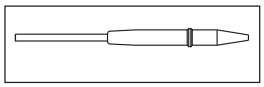
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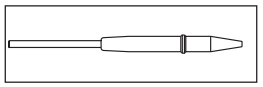
92-1517-00



92-1521-00



92-1522-00



Part Number	Reference Number	Description	Size	Package Quantity
92-1507-00	1121-0367-P5	Thermo-Drive Desoldering Tip	0.030" ID	5
92-1508-00	1121-0342-P5	Thermo-Drive Desoldering Tip	0.040" ID	5
92-1509-00	1121-0368-P5	Thermo-Drive Desoldering Tip	0.060" ID	5
92-1512-00	1121-0625-P5	Thermo-Drive Endura Tip	0.030" ID	5
92-1513-00	1121-0624-P5	Thermo-Drive Endura Tip	0.040" ID	5
92-1514-00	1121-0680-P5	Precision Endura Tip	0.020" ID	5
92-1517-00	1121-0628-P5	Thermo-Drive Endura Tip	0.030" ID	5
92-1521-00	1121-0679-P5	Precision Endura Tip	0.040" ID	5
92-1522-00	1121-0678-P5	Precision Endura Tip	0.030" ID	5

PACE MBT 250-SDTp SOLDERING/DESOLDERING STATION

- Self-contained, three channel capability offers high capacity, low temperature SMT/Thru-Hole soldering and desoldering
- Digital readout displays the current channel's temperature information, error codes and programming status
- AUTO Snap-VAC improves thru-hole desoldering performance, and increases tip life—a PACE EXCLUSIVE feature
- "QUIET FLO" pump for vacuum and pressure
- Operates any three SensaTemp hand pieces simultaneously
- Automatic or manual tip temperature setback and power down, constant memory
- Automatic tip offset compensation system



Specifications	
Power Requirements	115VAC, 60Hz, 230VAC, 50/60Hz, 184 Watts maximum, 207 Watts maximum
Dimensions	135mm H x 165mm W x 260mm D (5.3"x 6.5"x 9.25")
Weight	Approx. 5 Kg (10 lbs.) Approx. 5 Kg (10 lbs.)
Handpiece Specs	
Tip to ground resistance	2 ohms or less
Temperature stability	± 1.1°C (± 2°F) at idle from set tip temp.
Tip Temperature Range	38° to 482°C (100° to 900°F) nominal
Vacuum and Air	
Vacuum Rise Time	200ms average as measured by PACE Process Monitor
Vacuum	51 cm Hg. (20 in. Hg.) nominal
Pressure	.48 Bar (7 p.s.i.) nominal at maximum setting
Air Flow	9 SLPM (0.32 SCFM) maximum

Part Number	Description
92-1440-00	Pace Mbt 250-SDTP Soldering/Desoldering Station

PACE MBT 250-SD SOLDERING/DESOLDERING SYSTEM

- High Performance SensaTemp Soldering/Desoldering Station
- Self-contained, three channel capability offers high capacity, low temperature SMT/Thru-Hole soldering and desoldering
- Digital readout displays the current channel's temperature information, error codes and programming status
- AUTO Snap-VAC improves thru-hole desoldering performance; increases tip life—a PACE EXCLUSIVE feature
- "QUIET FLO" pump for vacuum and pressure
- Operates any three SensaTemp handpieces simultaneously
- Automatic or manual tip temperature setback and power down, constant memory
- Automatic tip offset compensation system



Specifications	
Power Requirements	115VAC, 60Hz, 230VAC, 50/60Hz, 184 Watts maximum, 207 Watts maximum
Dimensions	135mm H x 165mm W x 260mm D (5.3"x 6.5"x 9.25")
Weight	Approx. 5 Kg (10 lbs.) Approx. 5 Kg (10 lbs.)
Handpiece Specs	
Tip to ground resistance	2 ohms or less
Temperature stability	± 1.1°C (± 2°F) at idle from set tip temperature
Tip Temperature Range	38° to 482°C (100° to 900°F) nominal
Vacuum and Air	
Vacuum Rise Time	200ms average as measured by PACE Process Monitor
Vacuum	51 cm Hg. (20 in. Hg.) nominal
Pressure	.48 Bar (7 p.s.i.) nominal at maximum setting
Air Flow	9 SLPM (0.32 SCFM) maximum

Part Number	Description
92-1439-00	Pace MBT 250-SD Soldering/Desoldering System

PACE ST25 ANALOG SOLDERING STATION

- Analog SensaTemp Soldering Station
- High capacity SMT/Thru-hole soldering
- Adjustable °F/ °C temperature control dial
- Temperature/dial lock
- Modular stacking capabilities
- Ref. No. 8007-0371



Specifications	
Unit	ST 25
Power Requirements	97-127 VAC, 50/60 Hz, 90 197-253 VAC, 50/60 Hz, 80 Watts maximum at 115 VAC 60Hz Watts maximum at 230 VAC, 50Hz
Dimensions	88mm H x 114mm W x 165mm D (3.5" x 4.5" x 6.5")
Weight	Approx. 2.3 Kg (5 lbs.) Approx. 2.3 Kg (5 lbs.)
Handpiece Specs	
Tip to ground resistance	2 ohms or less
Temperature stability	± 1.1°C (± 2°F) at idle from set tip temperature
Tip Temperature Range	204° to 454°C (400° to 850°F) nominal

Part Number	Description
92-1444-00	PACE ST25 Analog Soldering Station

EDS 88A CAP ANALYZER



- Check Any Electrolytic Capacitor “In-Circuit” With 100% Accuracy In 3 Seconds
- Solving problems caused by electrolytics has never been easier, now that you can locate these bad capacitors easily without having to unsolder them, and without spending time troubleshooting, by using the CapAnalyzer 88A Series II
- The CapAnalyzer 88A checks electrolytic capacitors in-circuit for both ESR and DCR with no unsoldering.
- It is the only capacitor tester that discharges the cap, checks it for low DC Resistance (DCR), reads out high-frequency Equivalent Series Resistance (ESR) and compares your readings to industry standards on the three-color chart right on the front panel.
- The included one-handed tweezer probe allows testing of both normal and surface-mounted electrolytics and uses coaxial cable instead of normal test-probe wire for stable readings on small capacitors
- 3 year manufacturer warranty
- Made in the U.S.A

Part Number	Description
92-0972-00	EDS 88A Cap Analyzer

HOBBES RIBBON CABLE TESTER

New



- Designed to test the most commonly used flat cables for wiring continuity, opens shorts, any mis-wiring
- An intelligent CPU will memorize the correct wiring configuration for a flat cable, thus enabling mass production cable assemblies to test one cable after another for pass or fail status
- Excellent tester for system integrators to perform inexpensive tests on internal PC cables
- Nylon carrying case included
- Powered by 9V battery (not included)

Specifications	
Model No.	258894
Connectors	TX: IDC 50/40/34/26/10 Male
	DB15 Male DB9 Female
	RX: IDC 50/40/34/16/10 Male DB 25 M/F
Control SW	READ, UP, DOWN, TEST
Display	LDC display with back light
Extension Port	2*40 pins IDC male connectors
Power	9V DC battery or 9V DC 150mA Power Adapter
Dimensions	205 L x 134 W x 35 H mm
Weight	1.76 lbs

Part Number	Description
92-3322-00	Hobbes Ribbon Cable Tester



DIGITAL MULTIMETER WITH AUTOMATIC POLARITY FUNCTION

- Easy to read 3 1/2 digit LCD display
- Measurements: DC current up to 10A, AC and DC voltage up to 600V, resistance up to 2 Mohm
- Diode, transistor and continuity test with buzzer
- Data-hold function and backlight
- Protective yellow holster included
- Dimensions: 2.7" x 5.4" x 1.2"
- Operates on one 9V battery (included)
- Low battery indicator
- Overload protected
- Includes red and black test leads, instruction manual
- Velleman Ref. No. DVM850BL
- High quality at an amazing price!



Specifications	
DC Voltage	200m / 2 / 0 / 100
AC Voltage	200 / 600 DC
Current	200µ / 2m / 20m 200m / 10A
Resistance	200 / 2k / 20k 200k / 2M

Part Number	Description
49-6122-00	Digital Multimeter with Automatic Polarity Function

VELLEMEN HEAT SHRINK TUBING KIT

- Perfect for insulating exposed wires, wires soldered to terminals, corrosion proofing of metallic rods and fiber optic cables
- Halogen and dioxine free
- Tubing is flame retardant
- Kit Includes:
  1 x 120mm (10 pcs)
  2 x 120mm (10 pcs)
  4 x 120mm (5 pcs)
  6 x 120mm (5 pcs)
  9 x 120mm (5 pcs)
  12 x 120mm (5 pcs)

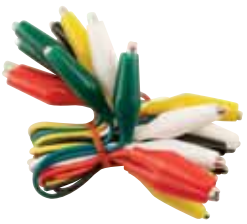


Specifications	
Color	Black
Shrinking temp	90°C
Max. Temp	120°C
Shrinking ratio	1: 2
Dielectric strength	15kV/mm

Part Number	Description
49-2831-00	Velleman Heat Shrink Tubing Kit

15" JUMPER WIRES WITH MINIATURE ALLIGATOR CLIPS

- 10 Jumper wires, 27 AWG, 15" long
- Handy test leads with insulated alligator clips attached to ends
- Ideal for breadboarding, experiments, temporary hookups
- Package contains black, red, white, green jumpers and yellow jumpers



Part Number	Description
95-1809-00	15" Jumper Wires with Miniature Alligator Clips

DIGITAL POCKET MULTIMETER

New

- Automatic polarity indication
- Fits into your pocket
- DC and AC voltage measurements: up to 500V
- DC current: max. 200mA
- Resistance measurements: up to 2Mohm
- Diode and continuity test



SPECIFICATIONS	
Overrange	Yes “1”
Continuity buzzer	Yes
Transistor test	No
Diode test	Yes
Low-battery indication	Yes
Maximum display	1999
LCD display size	1.4" x 0.6"
Ranging mode	Manual
Data hold	No
Backlight	No
Dimensions	2.8" x 4.7" x 0.8"
Weight (with battery)	± 3.4oz.
Power supply	12V battery
Accessories	Manual / Test Leads / Battery / Cover
Auto power-off	No

Part Number	Description
49-27731-00	Digital Pocket Multimeter

ALL-PURPOSE TEST LEAD SETS



- Push-to-clip prods can be firmly attached to hard-to-reach components
- Clip-onto-component feature enables you to test parts for long periods without actually handling the test leads; hands are free for other work
- Each prod is connected with solderless, kinkless wire terminating in an insulated banana plug
- A removable, nickel-plated phone tip (supplied) fits over the banana plug allowing you the option of using meters with either banana or phone tip jacks
- Overall lead length is 36"
- Two unbreakable high dielectric strength prods, black and red

Part Number	Description
95-0051-00	All-Purpose Test Lead Set

PAN HEAD PHILLIPS MACHINE SCREWS

- Packed per 100 pieces



Part Number	Description	Finish
43-0065-00	4-40 x 1/8	Zinc
95-0003-00	4-40 x 1/4	Zinc
43-0902-00	4-40 x 5/16	Zinc
43-0137-00	4-40 x 1/2	Zinc
43-0158-00	4-40 x 3/4	Zinc
43-0772-00	6-32 x 1/4	Zinc
43-0371-00	6-32 x 3/4	Zinc
43-0409-00	8-32 x 1/4	Zinc
43-0307-00	8-32 x 3/4	Zinc
43-0184-00	10-32 x 3/8	Zinc

HEX HEAD STEEL KEP NUTS

- Packed per 100 pieces



Part Number	Description	Finish
43-1018-00	4-40	Zinc
42-0082-00	8-32	Zinc
90-1204-00	10-24	Black
42-0093-00	10-32	Zinc
43-0984-00	5/16	Zinc
43-0175-00	4MM	Zinc

HEX HEAD STEEL NUTS

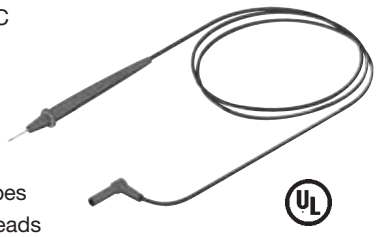
- Packed per 100 pieces



Part Number	Description	Finish
43-0010-00	4-40	Zinc
43-0094-00	6-32	Black
43-1292-00	8-32	Zinc
43-0968-00	10-24	Zinc
43-0903-00	1/4-20	Zinc

FLUKE HARD POINT TEST LEAD SET

- Comfort grip probe with PVC insulated test leads
- Extremely hard alloy tips resist wear
- Cat III, 1000V, 10A
- UL listed
- Distinctive comfort grip probes
- Economical PVC insulated leads



Part Number	Description
49-1762-00	Hard Point Test Lead Set

NYLOCK ELASTIC STOP NUT

- Packed per 100 pieces
- Zinc plated



Part Number	Description
43-1322-00	4-40
43-0211-00	8-32
43-0723-00	10-24
43-1005-00	10-32

CARRIAGE BOLTS

- Carbon Steel
- Packed per 100 pieces



Part Number	Description
43-0021-01	8-32 x 1/2
43-0049-00	10-24 x 1/2
43-0410-00	10-24 x 1
43-0462-00	10-24 x 1-1/2
43-0149-00	10-24 x 2

E-RINGS

- Packed per 100 pieces
- Zinc plated



Part Number	Description
43-0528-00	3/32" ID
43-0529-00	5/32" ID
43-0009-00	1/8" ID

RIVETS

- Packed per 100 pieces



Part Number	Mfg. Ref. No.	Description
43-0933-00	1/8" x 1/4" with 1/4" Head	Aluminum
43-0855-00	1/8" x 3/16" with 1/4" Head	Aluminum
43-0932-00	1/8" x 1/2" with 1/4" Head	Aluminum
43-0930-00	1/8" x 3/8" with 1/4" Head	Aluminum
43-0854-00	3/16" x 5/8" with 3/8" Head	Aluminum
43-0856-00	1/8" x 1/8" with 1/4" Head	Steel
43-0859-00	1/8" x 1/4" with 1/4" Head	Steel
43-0860-00	3/16" x 3/8" with 3/8" Head	Steel

MAGLINER® SLOT MACHINE MOVER

- Great for slot machines, small equipment, supplies, etc.
- Large type H nose plate - cast magnesium, 14" wide, 12" deep, recessed heel
- **Retractable 4th Wheel** - Retractable 5" caster wheels support load in incline position. Folds flush against frame when not in use.
- Extra high 52" straight back frame
- Vertical loop handle
- 10" x 3.5" “Care Free” tires
- Load capacity 500 lbs
- Model 115-H-1010-WA

MAGLINER® Route Distribution Solutions



Part Number	Description
33-1257-00	Magliner 52" Hand Truck with 4th Wheel Attachment
33-1357-00	Double Loop Handle extension (Extends Cart Height to 60")

MAGLINER® GEMINI JR. & SR. HANDTRUCKS

MAGLINER® Route Distribution Solutions



GEMINI® THE ORIGINAL CONVERTIBLE HAND TRUCK



Gemini Jr. Gemini Sr.

- Lightweight, high strength aluminum construction, properly balanced to assure easier wheeling and positive load control.
- Big 10" full pneumatic tires provide smooth, easy rolling over all surfaces, indoor and outdoor
- 4 wheel truck for those large, bulky loads; easily converts to a 2 wheel cart for smaller stops
- In down position, an extra platform is provided for increased load capacity
- Extra wide, cast magnesium nose plate
- All parts are replaceable, no welding
- Heavy duty aluminum deck plate is a great addition so smaller packages don’t fall through when the truck is expanded to 4 wheels

Part Number	Description
33-1000-00*	Gemini Jr. with Full Pneumatic Tire
33-1001-00	Gemini Sr. with Full Pneumatic Tire
33-1281-00	Gemini Sr. with Care Free Tire

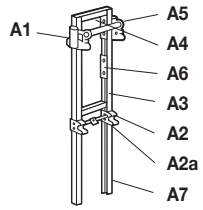
* Stair Climbers can not be used on Gemini Jr.

SHIPPED UPS OVERSIZE ****This item is considered oversize and can only be shipped UPS oversize.**

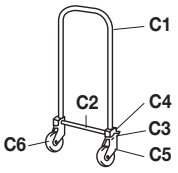
SPECIFICATIONS	Gemini Jr.	Thread
MAGLINER® Route Distribution Solutions	Cat. No HTGK 1834	Cat. No HTGK 9584
Overall width	21"	21"
Frame width	12"	12"
Height, as hand truck	51"	61"
Height, as platform truck	40"	45-1/8"
Platform bed length	38"	51"
Capacity, as hand truck	500 lbs.	500 lbs.
Capacity, as platform truck	1000 lbs.	1000 lbs.
Platform height from floor approx	10-1/2"	10-1/2"
Hand truck wheels	10 x 3.50	10 x 3.50 (full pneumatic or care free)
Casters – swivel	5" x 1-1/4"	5" x 1-1/4"
Nose casting	18" x 7-1/2"	18" x 7-1/2"
Shipping weight	44 lbs.	45 lbs.

GEMINI JR. & SR. HAND TRUCK REPLACEMENT PARTS

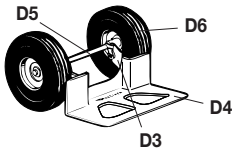
MAGLINER Route Distribution Solutions



Frame Assembly



Handle with Casters Assembly



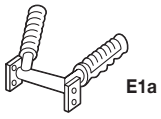
Nose/Wheel Components

Item No.	Description	Part Number	Gemini Sr. Ref. No.	Part Number	Gemini Jr. Ref. No.
A1	Pivot Socket & Locknut	**33-1081-00**	302015	**33-1081-00**	302015
A2	Handle Latch & Lock Assy	**33-1082-00**	302016	**33-1082-00**	302016
A2a	Lock Pedal Only	**33-1083-00**	302043	**33-1083-00**	302043
A3	Frame Only with Cross Braces	**33-1084-00**	302055	**33-1098-00**	302059
A4	Upper Handle Assy. with Brackets	**33-1085-00**	302019	**33-1085-00**	302019
A5	Filler Block-Pivot/Frame (2 Required)	**33-1087-00**	302021	**33-1087-00**	302021
A6	Frame Spacer (4 Reqd. On Jr.,6 On Sr.)	**33-1088-00**	302090	**33-1088-00**	302090
A7	Frame Reinforcement - Lower	**33-1050-00**	302001	**33-1050-00**	302001
-	Handle with Casters Assy. Complete	**33-1089-00**	N/A	N/A	N/A
C1	Handle Only	**33-1090-00****	301056	N/A	N/A
C1a	Handle with 2 Single Grips	N/A	N/A	**33-1100-00**	301059
-	Gemini Jr. Handle Assy	N/A	N/A	**33-1102-00**	301162
C2	Spreader Rod & Brackets Only	**33-1091-00**	301058	**33-1091-00**	301058
-	Snap Ring for Spreader Rod & Bracket	**33-1252-00**	221008	**33-1252-00**	221008
C3	Load Support Bolt & Locknut (2 Reqd.)	**33-1092-00**	301060	**33-1092-00**	301060
C4	Load Support Bolt Spacer (2 Reqd.)	**33-1093-00**	301061	**33-1093-00**	301061
C5	5" Caster Complete (2 Required)	**33-1073-00**	130010	**33-1073-00**	130010
-	5" Caster Brake	**33-1228-00**	51010	**33-1228-00**	51010
-	Right Hand Wheel Bracket Only	**33-1030-00**	210100	**33-1030-00**	210100
D3	Left Hand Wheel Bracket Only	**33-1031-00**	210101	**33-1031-00**	210101
D4	U' Magnesium Nose Plate	**33-1022-00**	300201	**33-1022-00**	300201
D5	Axle Kit #4025	**33-1042-00**	224025	**33-1042-00**	224025
D6	1025 Semi-Pneumatic Wheel Solid Tire	**33-1034-00**	111025	**33-1034-00**	111025
-	1060 Wheel, Full Pneumatic	**33-1354-00**	121060	**33-1354-00**	121060
-	1010 Care Free Tire	**33-1110-00**	131010	**33-1110-00**	131010

SHIPPED ups OVERSIZE

****This item is considered oversize and can only be shipped UPS oversize.**



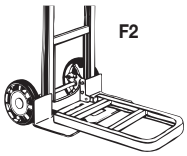


Gemini Sr.Handles



Gemini Jr. Handle



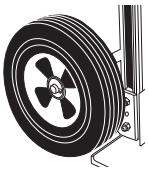


Item No.	Description	Part Number	Gemini Sr. Ref. No.	Part Number	Gemini Jr. Ref. No.
E1	'U' Style Handle	**33-1013-00**	301000	N/A	N/A
E1a	Double Handle with Grips	**33-1078-00**	301072	N/A	N/A
E1c	Single Handle with Grip	N/A	N/A	**33-1102-00**	301162
E1d	Handle Mounting Bracket	**33-1105-00**	302062	N/A	N/A
-	Nut for Handle Stop	**33-1254-00**	80674	**33-1254-00**	80674
-	Handle Stop	**33-1251-00**	302058	N/A	N/A
-	Screw for Handle Stop	**33-1253-00**	80167	**33-1253-00**	80167
-	Handle Bolt Pack (4) 1/4" x 1-3/4" Bolts	**33-1106-00**	80112	N/A	N/A
-	Nuts & Lockwashers (4) 1/4"	**33-1107-00**	301033	N/A	N/A
-	C1 Stair Climbers	**33-1047-00**	86027	N/A	N/A
-	C5 Stair Climbers	**33-1048-00**	86006	N/A	N/A
F2	20" Folding Nose (Channel)	**33-1056-00**	301025	**33-1056-00**	301025
F2	30" Folding Nose (Channel)	**33-1057-00**	301026	**33-1057-00**	301026

MAGLINER® HAND TRUCK WHEELS


No. 815


No. 1060


No. 825


No. 1025

MAGLINER® Route Distribution Solutions

Part Number	Description	Ref. No.
33-1032-00	No. 815 - 8" x 1-5/8" with ball bearings	10815
33-1034-00	No. 1025 - 10" x 2-1/2" with ball bearings Solid Tire, Puncture Resistant	111025
33-1354-00	No. 1060 - 10" x 3-1/2" with ball bearings Full Pneumatic	121060
33-1033-00	No. 825 - 8" x 2-1/2" with ball bearings	10825

MAGLINER® "CARE FREE" TIRE

- Maintenance free, will NEVER go flat!
- Micro-cellular polyurethane structure gives it an 'air cushioned' ride duplicating the feel and weight of pneumatic tires and the reliability of a solid tire.
- Improves productivity by eliminating tire related down time.
- Non marking 10" tire

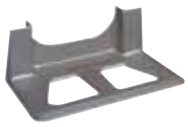


MAGLINER® Route Distribution Solutions

Part Number	Description	Ref. No.
33-1110-00	"Care Free" Tire 10" x 3-1/2" with ball bearings	131010



MAGLINER® HAND TRUCK NOSE PLATES


Type "AM"


Type "UM"

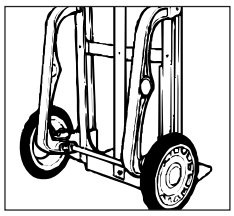

Type "HM"

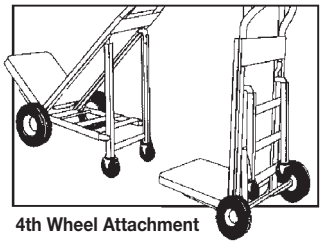
MAGLINER® Route Distribution Solutions

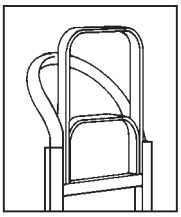
Part Number	Description	Ref. No.
33-1021-00	Type AM–Magnesium	300200
33-1022-00	Type UM–Magnesium	300201
33-1028-00	Type HM–Magnesium	300197
33-1030-00	Right hand axle and wheel mounting bracket Used with all nose plates; Magnesium construction	210100
33-1031-00	Left hand axle and wheel mounting bracket; Used with all nose plates; Magnesium construction	210101

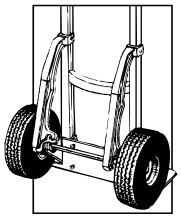
*** Types C, D and J Require Mounting Bracket Kit, 33-1029-00**

HAND TRUCK ACCESSORIES


Replaceable Skid Bar Glides


4th Wheel Attachment


Frame Extensions


Stair Climbers

Part Number	Description	Ref. No.
33-1047-00	No. C1 Stair Climber Set, includes 1 right & 1 left side to a set plus mounting hardware Magnesium Construction	86027
33-1048-00	No. C5 Stair Climber Set, includes 1 right & 1 left side to a set plus mounting hardware Magnesium Construction	86006
33-1049-00	Wear Strip for No. C5 Stair Climber	302115
33-1050-00	Side channel reinforcement for frames; Two (2) required	302001
33-1051-00	W4 Retractable 4th wheel attachment	301050

*** Will not fit J nose plates**

STEVENS SRT-M SERIES HAND TRUCKS

- The all-steel SRT-M series trucks will take the toughest punishment and handle the heaviest loads with ease. They come with advanced features such as the Ratchet Strap Tightener with automatic recoil and the patented Roller Bearing Crawlers
- The SRT-M series is a steel truck with a load capacity of 1,200 lbs.
- Retractable 3-1/2" rear swivel caster assembly to support the load during operation
- 8" x 2" Front roller bearing rubber tires
- Each truck has one 3-ply, 2 piece 14' strap
- Padded protective felt helps insure your equipment will not get scratched during transport

INNOVATIVE PACKAGING! ELIMINATES DAMAGE DURING SHIPMENT WE WILL GUARANTEE IT!



Part Number	Description	Height	Weight
33-0000-00	SRT-M-66	66"	82 lbs
33-0004-00	SRT-M-72	72"	85 lbs

STEVENS VENDER SERIES HAND TRUCKS

- The Vender series is an all-steel hand truck uniquely designed to handle the largest machines
- Equipped with a retractable wheel assembly with large 10" x 2" rear wheels that supports the load and makes going over bumps and rough terrain much safer and easier
- 5" x 2" Front roller bearing rubber tires
- The Vender series has a load capacity of 1,750 lbs.
- Equipped with two 3-ply, 2 piece 14' strap with automatic strap recoil
- Padded protective felt helps insure your equipment will not get scratched during transport

INNOVATIVE PACKAGING! ELIMINATES DAMAGE DURING SHIPMENT WE WILL GUARANTEE IT!



Part Number	Description	Height	Weight
33-0005-00	Vender 72	72"	116 lbs.

STEVENS PARTS AND ACCESSORIES

RATCHETS				
SRT SERIES		**VENDOR SERIES**		
Part Number	**Ref. No.**	**Part Number**	**Ref. No.**	**Description**
33-1063-00	R-1B	**-**	-	-
33-1131-00	R-5	**33-1131-00**	R-5	Recoil Spring
33-1133-00	R-4	**33-1133-00**	R-4	Holding DOG Assy, with Hardware
WHEELS				
SRT SERIES		**VENDOR SERIES**		
Part Number	**Ref. No.**	**Part Number**	**Ref. No.**	**Description**
-	-	**33-1203-00**	W-21	10" x 2-1/2" x 1" Thermoplastic
33-1002-00	C-2	**-**	-	3-1/2" x 1-1/4" Swivel Caster
STRAPS				
SRT SERIES		**VENDOR SERIES**		
Part Number	**Ref. No.**	**Part Number**	**Ref. No.**	**Description**
33-1068-00	S-3	**33-1068-00**	S-3	Complete 14' Two Piece

LECTRO TRUCK SLOT MACHINE MOVER

- Easily lift or lower slot machines with the touch of a button
- Optional fork plate for solid surface moving
- Compact electric truck vertically lifts loads of 750 lbs almost five feet high
- Front caster wheels standard
- Battery charger sold separately
- Construction: heavy-duty steel
- Battery: 12 volt



SPECIFICATIONS	
Overall H x W x D	67" x 25" x 34"
Weight	130 lbs
Weight Capacity	750 lbs
Rear Wheel Size	6" x 2"
All-Terrain Wheel Size	15" x 6" x 6" pneumatic tires

Part Number	Description
33-1376-00	Slot Mover with 15" x 6" x 6" Rear Wheels
33-1375-00	Slot Mover with 6" x 2" x 6" Rear Wheels
33-1378-00	Battery Charger
33-1377-00	Fork Plate

WESCO SLOT MACHINE MOVER

- 3.5" diameter polyurethane ball bearing front swivel casters
- Ideal for raising, lowering and moving slot machines
- Easily raises slot machine from floor to slot stand or lowers it from slot stand to floor
- Foot operated hydraulic pump raises platform 54" high, foot release lowers platform
- Four-wheel dolly with front swivel casters
- Reduces risk of moving injuries
- Wheel locks standard
- Steel frame construction





SPECIFICATIONS	
Weight Capacity	750 lbs
Lift Height	54"
Overall W x H	22-1/2" x 60-1/2"
Platform Size W x L	22" x 22" sits 5-3/4" above floor
Rear Wheels	8" x 2" with .75" ball bearings
Weight	162 lbs

Part Number	Description
33-1259-00	Wesco Slot Machine Mover
33-1301-00	Wesco Slot Machine Mover without nose plate casters (Nose plate goes down to floor)

SUPERLITE FOLDING TRUCK

- Lightweight aluminum construction, weighs only 8.4 lbs.
- Easy pushbutton operation for quick set up
- Superlite Folding Truck will fit into the smallest storage space or car trunk
- Elastic straps for securing the load
- Non-marking, shock absorbing rubber tread wheels
- Suitable for technicians, arcades, routes, warehouse, office, and home



SPECIFICATIONS	
Overall Dimensions	42" x 19" x 19"
Folded Dimensions	29.5" x 19" x 2"
Noseplate Size W x L	19" x 12"
Wheel Size	7" x 1.5"
Weight Capacity	175 lbs

Part Number	Description
33-1244-00	Superlite Folding Truck

SERVICE CARTS

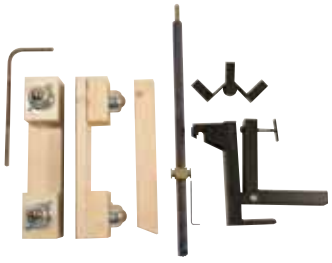
- High quality molded service and utility carts
- Available in two sizes with optional third shelf
- Heavy duty construction resists chips, dents and rust
- Push handle has compartments to accommodate a variety of tools, labels, small parts, etc.
- 550 lb. capacity
- Shipped KD, boxed and includes 5" non-marking casters



Part Number	Description
33-1497-00	30" x 16" 2-Shelf Service Cart
33-1499-00	36" x 24" 2-Shelf Service Cart

SLATE LIFTER KIT - NORTECH

- Safely lifts and rotates pool table slate to come to you while resurfacing table
- Allows 1 person to recover a pool table
- Simple, but clever design makes this kit very easy to use
- Includes instructional video tape if further instruction is necessary



Part Number	Description
33-1059-00	Slate Lifter Kit
33-1217-00	Replacement Block and Roller Assy

DUTRO COLLAPSIBLE HAND TRUCK

- Compact and lightweight
- Retractable handle and 15" fold-up nose plate
- Easily fits in trunk or front seat of car
- Great for toting large sample cases or tool cases
- Single fingertip control lever will increase or decrease overall height
- Model 904

Dutro COMPANY



SPECIFICATIONS	
Capacity	400 lbs.
Toe Plate	5" x 12" x 3/16"
Width	16.5"
Height	26" - 41"
Weight	26 lbs.
Wheels	5" x 2"
Axle	5/8"

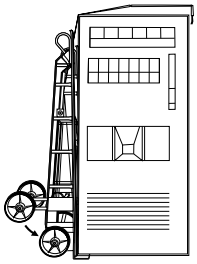
Part Number	Description
33-1197-00	72" Dutro "Brawny Brute" Hand Truck

72" DUTRO "BRAWNY BRUTE" HAND TRUCK

INNOVATIVE PACKAGING! ELIMINATES DAMAGE DURING SHIPMENT WE WILL GUARANTEE IT!

- Great for moving big heavy Can Drink machines
- "L-Shaped" ratchet arm makes leveraging large loads easy. Grabs the top front of the machine and pulls back
- Large rear wheels allow easy travel over rough terrain
- Safety brake allows you to rest load on incline
- Vertical frame is covered with a durable soft vinyl to protect your machine from scratches
- 1600 lb. load capacity

Dutro COMPANY



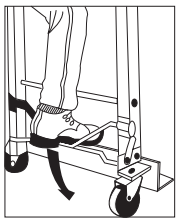


Part Number	Description
33-1167-00	72" Dutro "Brawny Brute" Hand Truck

DUNN TONNER TRUCK

- Easily allows one man to move heavy machines
- One step operation
- All welded steel frame
- High 2,000 lb. capacity
- Heavy duty casters
- Includes a set of 2 dollies and ratchet straps
- 44" high for better balance
- Toe plate: 23" x 3.75"
- UPS shippable





Simple Operation

Place one unit at each end of your product. Using ratchet straps, Connect the two units and tighten straps. Press the foot lever down into the locking position to raise Dunn-Tonners onto the heavy-duty wheels. Handles fold for ease of use and minimum storage space.

Part Number	Description
33-1220-00	Dunn Tonner Truck
33-1239-01	Replacement Caster, 3" x 1-3/4"

PINBALL CART WITH HYDRAULIC PUMP



- Durable heavy-duty construction
- Minimal assembly required
- Hydraulic cylinder provides a controlled gentle descent
- Lift has a raised height of 26" and a lower height of 19-1/2"
- Wrinkle black powder coated finish
- 4 replaceable heavy-duty swivel casters
- Dimensions: 16-1/4" W x 17" H x 42" L
- Load capacity: 400 lbs
- Shipping weight: 70 lbs

Part Number	Description
33-1114-10	Heavy-Duty Pinball Cart with Hydraulic Pump

U-LIFT POOL TABLE MOVER

- Allows 1 person to easily move a pool table, air hockey or foosball table
- Reduces risk of back injury
- Heavy duty casters
- U.P.S. shippable



Part Number	Description
33-1005-00	U-Lift Pool Table Mover
33-1202-00	Replacement Handle Assy with Grip and Hardware

DELUXE ALL-PURPOSE DOLLY

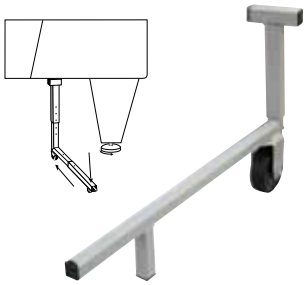
- Heavy duty 4" casters
- 18" wide x 30" long
- Hard rock maple
- 1000 lb. load capacity
- Weighs 21 lbs.
- Rubber covering “grips” and “protects” items from moving or scratching



Part Number	Description
33-1801-00	Deluxe All-Purpose 4 Wheel Dolly
33-1140-00	Replacement 4” Caster

EASY LEVELER

- Easily lifts a pool table or air hockey game off the floor to adjust the leg levelers
- Simply place at the end of the table and press sown
- Lifts 2 legs off the floor
- Save your back and raise the table the easy way



Part Number	Description
26-1100-00	Easy Leveler

EASY-LIFT POOL TABLE MOVER – NORTECH

- Designed to make moving pool tables, air hockey and foosball games easy for 1 person
- Reduces risk of back injury
- Lifts table 3"
- Extremely heavy duty 5" casters
- Weight 56 lbs.
- UPS shippable



Part Number	Description
33-1058-00	Easy-Lift Pool Table Mover – Nortech
33-1241-00	Replacement Handle Assy with Grip & Hardware

EASY-LIFT VENDOR MOVER - NORTECH

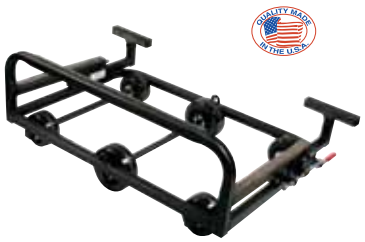
- Makes moving heavy, bulky vending machines an easy 1 man job
- Fits all vending machines with a 5-3/4" high x 21" wide clearance
- Reduces risk of back injury
- 950 lb. load capacity
- Weighs 55 lbs.
- Extremely heavy duty 4" casters
- UPS shippable



Part Number	Description
33-1060-00	Easy-Lift Vendor Mover – Nortech

POOL TABLE MINI-MOVER

- Easily moves pool table from location to location
- Fits virtually all pool tables and air hockey tables, even those with trustle legs
- Adjusts easily for different widths and lengths
- Specially angled to balance load over wheels
- Two will fit side by side in a pickup truck
- Both the mover and pool table can fit on an extended pickup liftgate
- Strong clamps hold table securely in place
- Rated at 1000 lb. test
- Built tough in the USA
- Size: 35" x 22" x 12"; weighs 42 lbs.



Part Number	Description
33-1208-00	Pool Table Mini-Mover

STRETCH-WRAP FILM & DISPENSER



FILM

- Ideal for use in storage or transportation of machines
- Protects shipments and reduces damage
- Premium blown film provides excellent puncture resistance for securing uniform or irregular loads
- Resists puncturing or tearing, even around sharp corners
- Superior cling keeps loads secure even in -5ºF
- Thick 80 gauge film
- 18" x 1500 ft., 3" core
- 4 rolls per case

DISPENSER

- High strength and high quality - built to last
- Adjusts to 12", 15" and 18" widths, 3" core
- Foam handle is angled to reduce fatigue
- Top tension control to keep stretch constant
- Weighs only 3-1/2 lbs

Part Number	Description
39-0036-00	Heavy Duty Stretch-Wrap Film
39-0037-00	Stretch Film Dispenser

HEAVY-DUTY RATCHET TIE-DOWN

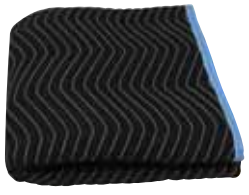
- Hook and “D” ring ends
- 1" x 15' soft blue web will not scratch cargo
- 3,000 lb web capacity
- 2,000 lb assembly capacity
- Made in USA



Part Number	Description
33-1147-00	Heavy-Duty Ratchet Tie-Down, 2000 lb assembly capacity

DELUXE MOVING PAD

- Heavy-duty all cotton pad
- Will not scratch equipment
- Quilted together by a 1" locking stitch in a lazy “S” pattern
- Double stitched binding for long life
- Size: 72" x 80"



Part Number	Description
33-1185-00	Deluxe Moving Pad

COLLAPSIBLE BASKET

- Excellent protection for breakable items
- Open slots also allow for easy visual inspection
- 10 per case
- Extra strong stackable polypropylene basket is attractive and durable
- Open slots on every side makes this perfect for items that require ventilation
- Dimensions open: 10-3/4" H x 20-3/4" L x 13-1/4" W
- Dimensions closed: 2-2/3" H x 20-3/4" L x 13-1/4" W
- Folds and stores flat until needed. Then snaps open instantly to hold and store files, tote mail, office forms, ledgers, paper recycling bin, products around the office, on the road or throughout the plant



Part Number	Description
27-1038-00	Collapsible Basket - Blue

BIN BOX

- Stock parts of a variety of sizes side by side
- Handy, economical way to stock parts
- 6" W x 12" L x 4-1/2" H
- Heavy duty, self-locking, white cardboard
- Mark the front of the box for quick parts identification



Part Number	Description
27-1056-00	Bin Box

HEAVY DUTY PLASTIC COVER

- Extra large size fits all types of equipment: 51"(W) x 49"(D) x 85"(H)
- Strong and durable, but flexible for easy folding for storage to use again
- Easy to cut to fit your specific application
- Extra strong 3 mil plastic resists shredding from weather on the back of open trucks during transporting to and from locations



Part Number	Description
27-1047-00	3 mil Heavy Duty Plastic Cover













What the house bets on.



Middle of the Action Lista workbench solutions maximize gaming machine repair organization and efficiency. Drawer cabinet pedestals, available with ESD paint and accessories, conveniently store parts, tools and electronics.

WORKSPACE AND STORAGE SOLUTIONS FOR THE GAMING INDUSTRY.

In a place where security, organization and efficiency are a way of life, Lista workspace and storage solutions up the ante. Durable Lista workbenches with ESD protection and custom accessories give gaming machine technicians the space they need to get slots and other profit centers back on the floor. Lista also puts the luck of the drawers on your side with stationary and mobile storage cabinets that can be configured to securely hold and organize chips, cash, small tools, parts and more. So optimize your house advantage. Call Lista. **800-722-3020.**

LISTA
making workspace work®

Experience a detailed overview of Lista solutions for the gaming industry. Visit www.lista-gaming.com

REPAIR WORKBENCHES

LISTA making workspace work®



33-1415-00

- Durable, productivity-enhancing workbenches for repair of slot machines and other electronic devices
- Includes cabinet pedestal with 2 drawers containing 8 preconfigured drawer compartments and 1 file drawer; Drawers have 150 lb. weight capacity. Cabinet comes with individual removeable core lock and 2 keys, and has a 6" base.
- Includes bullnose gray plastic laminate worksurface with backstop
- 30" D, 35.25" worksurface height
- Powder coated in Bright Blue paint
- Shipped 2-3 days of order
- Available in other colors and/or with ESD worksurface and paint with 4 week delivery

Part Number	Description
33-1415-00	60" W Repair Workbench
33-1416-00	72" W Repair Workbench

INSTRUMENT RISER SHELF FOR REPAIR BENCHES

LISTA making workspace work®



- Provides electricity and workshelf for above-worksurface use.
- Includes 15" D gray plastic laminate shelf with Bright Blue back stop
- Includes (2) 16" H shelf supports, one of which contains a 6-outlet power strip
- Shipped 2-3 days of order
- Available in other colors and/or with ESD worksurface and paint with 4 week delivery
- **Riser only; work bench not included**

Part Number	Description
33-1417-00	60" W, Riser Only

NEXUS ACCESSORY SYSTEM KIT FOR REPAIR WORKBENCHES

- Versatile system is ergonomically designed to deliver easy accessibility to parts, instruments and tools above the worksurface.
- No stretch or strain, reducing the risk of injury, increasing productivity
- Easily reconfigurable
- Allows for maximum use of worksurface by leaving full surface available for task
- Components can be easily adjusted for specific tasks within a workshift
- May be attached to QSTB40 or QSTB42 workbenches, or can be retrofitted to any existing workbench or worksurface
- Attaches to top of worksurface
- Powder coated in Bright Blue paint
- Shipped 2-3 days of order
- Available in other colors and/or with ESD worksurface and paint with 4 week delivery

LISTA making workspace work®



QSSMNX-60/2424 (for use with QSTB40 workbench)

- 48" W x 48" H above base: (2) 24" W sections
- (2) 24" W x 12" D adjustable shelves
  (1) 24" W x 15" D adjustable shelf
  (1) 24" W x 30" H markerboard/tackboard
  (1) 24" W x 18" H louvered panel
  (1) 24" W backstop
  (1) 15 amp vertical power strip with 6 outlets, off/on switch and 6' cord

QSSMNX-72/3030 (for use with QSTB42 workbench)

- 60" W x 48" H above base: (2) 30" W sections
- (2) 30" W x 12" D adjustable shelves
  (1) 30" W x 15" D adjustable shelf
  (1) 30" W x 30" H markerboard/tackboard
  (1) 30" W x 18" H louvered panel
  (1) 30" W backstop
  (1) 15 amp vertical power strip with 6 outlets, off/on switch and 6' cord

Part Number	Description
33-1419-00	For 60" W QSTB40 Workbench
33-1420-00	For 72" W QSTB42 Workbench





Example Systems shown

STORAGE CABINETS FOR REPAIR AREAS

- Shelf cabinets stacked on drawer cabinets enable users to store large bulky items above small parts and components.
- Provides maximum weight-bearing capacity, organization and access
- All cabinets come with individual lock and two keys. Lock cores can be exchanged in the field for both keyed-alike and master key systems.
- When drawers are closed, handles are flush with housing so nothing protrudes. Drawer handles are full width, and are located at top of drawer.
- All drawers are full extension with 440 lb. weight capacity
- PrevenTip® locking system – one-drawer-at-a-time feature prevents accidental tipping
- Cabinets include fork truck bases except as shown below
- Powder coated in Bright Blue paint
- Shipped 2-3 days of order
- Available in other colors with 4 week delivery

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33-1422-00



33-1423-00



33-1421-00

Part Number	Description
33-1421-00	10-drawer drawer cabinet with 159 interior drawer compartments, 2-shelf cabinet with sliding doors 40.25" W x 22.5" D x 101.25" H
33-1422-00	10-drawer drawer cabinet with 159 interior drawer compartments, 1-shelf cabinet without door or base 40.25" W x 22.5" D x 93" H
33-1423-00	(1) 5-drawer drawer cabinet with 61 interior drawer compartments, (1) 9-drawer drawer cabinet with 154 interior drawer compartments, (1) 1-shelf cabinet with sliding doors 56.5" W x 28.5" D x 83.5" H

MOBILE STORAGE CABINETS FOR REPAIR AREAS

- Includes individual drawer latches and handles
- PrevenTip® locking system – one-drawer-at-a-time feature prevents accidental tipping
- Includes individual lock and 2 keys
- Includes 7 drawers
- Includes butcher block top
- 440 lb. drawer capacity
- Powder coated in Bright Blue paint
- Shipped 2-3 days of order
- Available in other colors with 4 week delivery



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Part Number	Description
33-1424-00	28.25" W x 22.5" D x 41.5"H
33-1425-00	40.25" W x 22.5" D x 41.5"H





AUTOMATIC PRODUCTS

AP GOLDEN EYE GUARANTEED DELIVERY SYSTEM RETROFIT KITS



- Maximize your profits by ensuring vend success every time!
- Falling packages break the infrared transmissive sensor beam confirming a successful vend
- Eliminate credit vouchers and dissatisfied customers
- Flexible system allows you to choose the operating mode that works best for you
- Here's how Golden Eye works:
  1) When a customer makes a selection, the spiral rotates one full revolution.
  2) Golden Eye features an infrared transmissive sensor that detects if the product has dropped into the delivery bin.
  3) Choose "Home" Mode or "Drop" Mode:
     a. "Home" Mode: If the product fails to vend on the first try, the spiral will automatically make up to two additional revolutions in an attempt to vend the selection. As soon as the selection drops, the vend is complete and the spiral returns to the "home" position.
     b. "Drop" Mode: If the product fails to vend, the spiral runs a partial revolution stopping when the product is detected. This method leaves the spiral in the position where it stops.
  4) If, however, the selection still fails to vend after three attempts, the customer can make a new selection or receive a refund.
  5) Spiral position:
     a. "Home" Mode: Golden Eye always returns the spiral to the "Home" position for optimal product display.
     b. "Drop" Mode: Golden Eye keeps the spiral in it's stopping position, minimizing unpaid product loss.

Part Number	Model No.	Description
H17500021AP	121, 122, 123	Golden Eye Retrofit Kits (Mfg before 3/1/02) Before S/N 12x02060000
H17500021AP	121, 122, 123, 128, 129	Golden Eye Retrofit Kits (Mfg after 3/2/02) After S/N 12x02061000
17500028	S1, S2, S3, S4, S5	Golden Eye Retrofit Kits (All)
H17500037AP	320 A LA CARTE*	Golden Eye Retrofit Kits (Mfg before 4/15/03) Before S/N 32003105000
17500038	320 A LA CARTE*	Golden Eye Retrofit Kits (Mfg after 4/15/03) After S/N 32003105999
17500036	125 and 127*	Golden Eye Retrofit Kits (Mfg after 3/4/02) After S/N 12x02063000

* Includes parts needed for adapting the host merchandiser

SELECT SWITCH AND BACK PLATE ASSEMBLY

- Used on LCM 1/2/3/4 Snackshop



Part Number	Description
H660519AP	Select Switch and Back Plate Assembly

SELECTION PAD

- For 4000/5000 machines



Part Number	Description
H660266AP	Selection Pad

SELECTION PAD

- For 6000/7000 machines



Part Number	Description
H6602661AP	Selection Pad

SELECTOR BUTTON

- For 4000/5000/6000/7000 machines



Part Number	Description
H440225AP	Selector Button

HIGH OUTPUT LAMP FOR AP SNACK MACHINES



- Used in AP ST Studio Snack Machines
- F24T5/841/HO fluorescent lamp
- AP Ref. No. 26900004
- 25 per case

Part Number	Description
91-1048-00	High Output Lamp for AP Snack Machines

SHELF ROLLER

- For 425/430/435/5000/ 6000/7000 machines



Part Number	Description
H440123AP	Shelf Roller

SHELF ROLLER

- For 111/112/113/120/LCM1/ LCM2/LCM3/LCM4/Studio Series machines



Part Number	Description
H440362AP	Shelf Roller

SHELF ROLLER

- Used on 'C' Series/6000/ 7000 snack machines



Part Number	Description
H440277AP	Shelf Roller

SHELF ROLLER SCREW

- For 425/430/435. 5000/ 6000/7000 machines



Part Number	Description
H300137AP	Shelf Roller Screw

SHELF ROLLER STUD

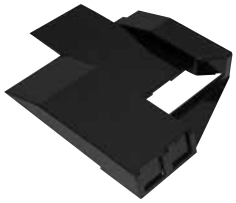
- For 111/112/113/120/LCM1/ LCM2/LCM3/LCM4/6000/7000/ "C"/Studio Series machines



Part Number	Description
H300203AP	Shelf Roller Stud

SHELF END - NEW STYLE

- For 110/111/112/113/120/4000/ 5000/6000/7000/LCM/Studio Series machines



Part Number	Description
H440285AP	Shelf End - New Style

DUAL SPIRAL SHELF FRONT

- For 110/120/Studio Series machines



Part Number	Description
H440367AP	Dual Spiral Shelf Front

FRONT ROLLER GUIDE - LEFT

- For 400 series/6000 machines



Part Number	Description
H440264AP	Front Roller Guide - Left

FRONT ROLLER GUIDE - RIGHT

- For 400 series/6000 machines



Part Number	Description
H440263AP	Front Roller Guide - Right

SHELF ROLLER NUT

- For 425/430/435/4000/5000/ 6000/7000/LCM1/LCM2/LCM3 /LCM4/111/112/113/120/ Studio Series machines



Part Number	Description
H43741AP	Shelf Roller Nut

SHELF DIVIDER FOR 320 MACHINES



Part Number	Description
202759	Shelf Divider for 320 Machines

CANDY TAB HOLDER

- For 5000/6000/7000/110/120/ LCM/Studio Series machines



Part Number	Description
H440262AP	Candy Tab Holder

SHELF LOCK

- For 425/430/435. 5000/ 6000/7000 machines



Part Number	Description
H440161AP	Shelf Lock

DELIVERY DOOR ASSEMBLY

- For 425/430/435/4000/ 7000/113/120/Studio 3 & 4 Series machines
- Old Ref. No. 600258
- Size: 28" Long



Part Number	Description
H750181AP	Delivery Door

DELIVERY DOOR ASSEMBLY

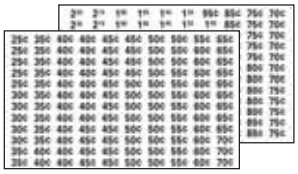
- For 5000/6000/LCM1/ LCM2/111/112/Studio 1, 2 & 5 Series machines
- Old Ref. No. 6002581
- Size: 22.5" Long



Part Number	Description
H7501811AP	Delivery Door

PRICE TABS, 25¢ - $2.50

- For LCM/110/120/ Studio Series Snackshop machines



Part Number	Description
H460347AP	Price Tabs

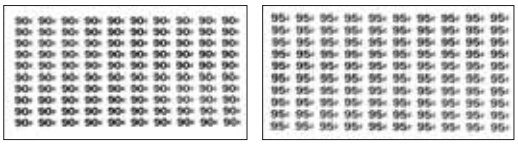
ITEM TABS

- For 4/5/6000/111/112/ 113/LCM1/LCM2/ LCM3/LCM4 machines



Part Number	Description
H460346AP	Item Tabs

PRICE TABS



- For 4000/5000/6000/7000/LCM/110/120/Studio Series Snackshop machines

Part Number	Description
H4603472AP	40¢/45¢
H4603473AP	50¢/55¢
H4603474AP	60¢/65¢
H4603475AP	70¢/75¢
H4603476AP	80¢/85¢
H4603477AP	90¢/95¢
H4603478AP	1.00/1.05
H4603479AP	1.10/1.15
H46034710AP	1.20/1.25
H46034711AP	1.30/1.35
H46034712AP	1.40/1.45
H46034713AP	1.50/1.55
H46034715AP	1.70/1.75

MARS DOLLAR BILL ACCEPTOR MOUNTING BRACKET



- For 6000/6000XL/7000 machines

Part Number	Description
H201433AP	Mounting Bracket

SPIRAL RETAINER, LEFT HAND, GREY

- For 111/112/113/6000/7000/ LCM 1, 2, 3 & 4 Series machines



Part Number	Description
H440366AP	Spiral Retainer, Left Hand

SPIRAL RETAINER, WHITE

- For 6000/7000/111/ 112/113/LCM 1, 2, 3 & 4 Series machines



Part Number	Description
H440287AP	Spiral Retainer, White

SPIRAL RETAINER

- For 425/430/435/ 4000/5000 machines



Part Number	Description
H440125AP	Spiral Retainer

LEG LEVELER



Part Number	Description
300103	Leg Leveler

SPIRALS



Part Number	Description
4001211	Right Hand Spirals-Candy & Dual 15 Count
H4001681AP	Right Hand Spirals-Candy & Dual 10 Count
4001201	Right Hand Spirals-Candy & Dual 12 Count
H4001641AP	Right Hand Spirals-Candy & Dual 7 Count
4001221	Right Hand Spirals-Candy & Dual 18 Count
4001231	Right Hand Spirals-Candy & Dual 24 Count
H4001711AP	Left Hand Spirals-Dual 15 Count
H4001701AP	Left Hand Spirals-Dual 12 Count
4001791	Left Hand Spirals-Dual 9 Count
H4001781AP	Left Hand Spirals-Dual 7 Count
4001621	Snack/Pastry 6 Count
4001531	Snack/Pastry 7 Count
H4001271AP	Snack/Pastry 10 Count
4001281	Snack/Pastry 12 Count
4001291	Snack/Pastry 15 Count
H4001691AP	Snack/Pastry 10 Count

SPIRAL PRODUCT PUSHER

- For 110/120/425/430/435/ 4000/5000/Studio Series machines & All AP Snacks



Part Number	Description
H4401411AP	Spiral Product Pusher

COIN RETURN BUTTON

- For 110/120/320/223/LCM/ Studio Series Snackshop machines



Part Number	Description
H440289AP	Coin Return Button - Gray

COIN INSTRUCTION PLATE

- For 7000 machines



Part Number	Description
H440349AP	Coin Instruction Plate

PLASTIC COIN DROP

- For Snackshop 111/112/113/120/LCM 1, 2, 3 & 4/Studio Series machines

Part Number	Description
H660488AP5	Plastic Coin Drop

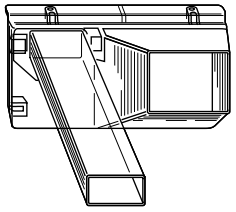
METAL DOOR COIN CHUTE



Part Number	Description
600459	Metal Door Coin Chute

PLASTIC LOWER COIN CHUTE ASSEMBLY

- For 111/112/113/120 machines



Part Number	Description
H750182AP	Plastic Lower Coin Chute Assembly

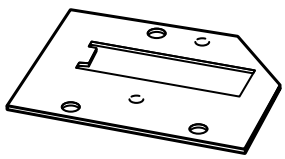
COIN CHUTE ASSEMBLY

- Water resistant - For Snackshop 111/112/113/120/LCM 1, 2, 3 & 4 Series machines



Part Number	Description
H660488AP	Coin Chute Assembly

COIN CHUTE BRACKET



Part Number	Description
H201712AP	Coin Chute Bracket

COIN ENTRY



Part Number	Description
H440279AP	Coin Entry

COIN PLASTIC CUP DOOR FOR LCM 5



Part Number	Description
4404122	Coin Plastic Cup Door for LCM 5

COIN RETURN CUP

- For Snackshop 111/112/113/4000/5000 machines



Part Number	Description
H201155AP	Coin Return Cup

COIN RETURN TRIM

- For Glassfront machines



Part Number	Description
H750144AP	Coin Return Trim

FILTER HARNESS

- For all Snack machines



Part Number	Description
H680467AP	Filter Harness

PRODUCT MOTOR

- For Snackshop111/112/113/ 4000/5000/6000/7000 machines



Part Number	Description
H360138AP	Product Motor

SHELF VEND MOTOR

- For LCM/ “C” Series machines



Part Number	Description
H3601381AP	Shelf Vend Motor

SHELF MOTOR

- Used on 120/320 series
- White, clockwise rotation



Part Number	Description
H360275AP	Shelf Motor

GUM & MINT MOTOR

- For Snackshop113/ 112/111/120/6000/Studio Series machines



Part Number	Description
H360105AP	Gum & Mint Motor

CONTROL BOARD LITHIUM BATTERY

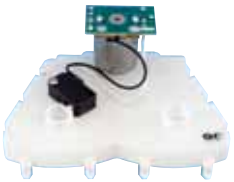


- For 4000/5000 machines

Part Number	Description
27-1002-00	Control Board Lithium Battery

DUAL SPIRAL VEND MOTOR

- For 110/111/112/113 machines



Part Number	Description
H360169AP	Dual Spiral Vend Motor

DUAL SPIRAL MOTOR

- For 120/Studio Series machines



Part Number	Description
H360240AP	Dual Spiral Motor

VEND MOTOR

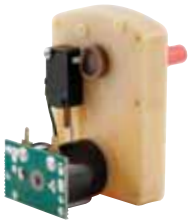
- Used in the 120 Series Snack and 320 Frozen Food machines
- Grey, counter-clockwise rotation



Part Number	Description
H360276AP	Vend Motor

GUM & MINT MOTOR

- For 4000/5000/6000 machines



Part Number	Description
H360081AP	Gum & Mint Motor

POWER SUPPLY BOARD

- For 111/112/113/6000/ 7000/203/213 machines



Part Number	Description
H360109AP	Power Supply Board

1/4" TURN T-HANDLE ASSEMBLY

- Rowe Ref. No. 479-1420
- AP Ref. No. 420146



Part Number	Description
30-0184-00	1/4" Turn T-Handle Assembly

UPPER HINGE

- For 113/103/7000 machines



Part Number	Description
6401071	Upper Hinge

3 AMP CIRCUIT BREAKER



Part Number	Description
H380241AP	3 Amp Circuit Breaker

DOOR SWITCH

- For 111/112/113



Part Number	Description
H380258AP	Door Switch

AUTOMATIC PRODUCTS

Part Number	Description
12000399	Screen 320 New Style
13600010	Lock PCB Golden Eye Side
1400000301	Spiral Long 6 Space Left Hand
14000016	Spiral Left Hand 24Ct Ap Studio
14400015	Button Keypad, Dark Gray
16000098	Coin Cup Security Weld Old LCM
1600009801	Coin Security Cup Assembly
16600170	Coin Cup Security Studio Series
16700014	Motor Can 24V Ic Snapin
16800044	DEX/UCS Harness Chassis Mount
16800136	Harness Bi-Metal Defrost Ap 320 New
17400153	Price Rolls for Studio Series Machines
17500003	Memory Button Chip with Holder
17500027	AP Golden Eye Retrofit Kits
17500028	AP Golden Eye Retrofit Kits
17500036	AP Golden Eye Retrofit Kits
17500038	AP Golden Eye Retrofit Kits
200763	Inner Door
201389	Front Roller Retainer for Snack Machines
201634	Support Coin Return Button
202759	Shelf Divider for AP 320 Machines
202810	Coin Return Cup
2146512	Spiral 12 Count Ams Snack
24000035	Spring Piston 12oz Brewer
24400010	Blade Wiper Fixed Filter Brwr
24400028	Insert Hopper Long
2440002801	Insert Hopper Mini Grinder
24400041	Grommet .47 Diameter
24400067	Grommet Plug .87 Diameter
2440007201	Hood Whipper
24400080	Elbow Reducer
24400088	Adapter Pipe Outlet
2440008901	Bowl Whipper
24400138	Inlet Water Commodity
27-1002-00	Control Board Lithium Battery
27500062	Kit 223 Tank Inlet Replacement
27500093	Kit Spout Stop and Gear Retainer 223
27500105	Kit Power Relay Modification
28218401	Harness Vend Door 748
300103	Leg Leveler
300156	Door Stop Anchor
30-0184-00	1/4 Turn T-handle Assembly
320054	Bezel
3400553	Trim Horizontal
340057	Trim Vertical L/R Sliver
36009	Assembly Switch Selector 211
3601222	Motor Fan 120V
360204	Cold Control Lcm 4
360244	Display Board 123
360266	Eprom Flash 123/320V5.23

AUTOMATIC PRODUCTS CONTINUED

Part Number	Description
36649	Seal Mini Grinder
380306	Switch Empty Lcm4
38426	Primary Button 15 Selection
4001181	12 Count Candy Spiral, C-Series
4001201	Right Hand Spirals-Candy & Dual 12 Count
4001211	Right Hand Spirals-Candy & Dual 15 Count
4001221	Right Hand Spirals-Candy & Dual 18 Count
4001231	Right Hand Spirals-Candy & Dual 24 Count
4001241	6 Count Spiral, C-Series Snack
4001261	10 Count Spiral - Snk C-Series
4001281	Snack/Pastry 12 Count
4001291	Snack/Pastry 15 Count
4001531	Snack/Pastry 7 Count
4001621	Snack/Pastry 6 Count
4001651	4 Count Snack Spiral
4001671	6 Count Candy Spiral - 113
4001711	Spiral Dual 15 Count Left Hand
4001731	Spiral Dual 6 Count Right Hand Short
4001741	Spiral Dual 6 Count Left Hand Short
4001751	Spiral Dual 8 Count Left Hand Short
4001761	Spiral Dual 10 Count Left Hand Short
4001791	Left Hand Spirals-Dual 9 Count
400180	Retainer Cashbox A/P
4001831	Spiral 4Count Right Hand Short 320
4001841	Short C Spiral, 4 Count , Left Hand, Chrome
4001851	Spiral 3 Count Right Hand Short
420071140	Lock Plug
420303	PCB Board Stand-Off
420369	T-Handle 1/4 Turn
440129	Door Bearing
440204	Door Stop Friction Pad Snack
440215	Product Pusher, Black
4402962	Trim, Coin Cup
4403731	Bin Door 111/112 BLK
440389	Bezel Selector - LCM Black
440392	Motor Pivot Arm
440393	Link Arm
440411	Bezel Coin Cup 123A
440412	Coin Plastic Cup Door for LCM 5
440442	Bezel Selector Black
4404442	Trim Ring, Black without Rib
460414	Decal, Black for Control Center Bezel
460436	Window Edging Per Inch
460683	Item Label 320
460684	Price Tabs $0.50 TO $4.55
49-1002-00	Leg Leveler without Nut
600195	Rear Leg
600197	Front Leg Lock Side for 113 Machines
600302	Front Leg Hinge Side
640101	Shelf Snack Spacer

Part Number	Description
6401071	Upper Hinge for 113, 103, & 7000 Machines
640131	Lock T Handle Arm Assembly
65067101	Lower Track Assembly
660319	T-Handle for 113 Machines
660323	Coin Return Button & Decal
6604661	Blower Assembly 115V
660581	Coin Cup Assembly Front Curved Black
660653	Harness Shelf Assembly 320
680509	Harness Dex/Ucs
680548	Harness MEI 24V VAL ON LCM
680613	Harness Mdb Lcm
680654	Defrost Harness with Bi-Metal
924176	Nut 3/4 Rowe
94100092	Clip Screen
95-0581-00	Vending Motor Switch
H1124053V	Price Label .90-1.50 Vendo
H1670001401AP	Motor Can 24V Snap In LCM4
H16700016AP	Motor Evaporator 320
H17500021AP	AP Golden Eye Retrofit Kits
H17500037AP	AP Golden Eye Retrofit Kits
H18443AP	Nut,1/4 S-T Zp Sr250000S011
H201155AP	Coin Return Cup
H201155AP-SS	Coin Return Cup Stainless Steel Version
H201156AP	Coin Return Door for 113 Machines
H201433AP	MEI Dollar Bill Acceptor Mounting Bracket
H201660AP	Coin Return Bracket
H201712AP	Coin Chute Bracket
H202770RM	Shelf Divder Ext. (Long)
H26600109AP	Assembly Brew Valve 12oz
H2750010902AP	Kit Meanwell with Power Supply for 223 Machines
H300137AP	Shelf Roller Screw
H300203AP	Shelf Roller Stud
H320055AP	Trim Ring
H360081AP	Gum & Mint Motor
H360105AP	Gum & Mint Motor
H360109AP	Power Supply Board
H3601381AP	Shelf Vend Motor
H360138AP	Product Motor
H360146AP	Water Inlet Valve Assy
H360164AP	Transformer 110 Series
H360166AP	Display Board without Optics
H360169AP	Dual Spiral Vend Motor
HH360223AP	Motor
H360240AP	Dual Spiral Motor
H360253AP	Selector Keypad
H360275AP	Shelf Motor
H360276AP	Vend Motor
H380239AP	Door Operate Switch For 6000/7000
H380241AP	3 AMP Circuit Breaker
H380243AP	Rocker Switch

AUTOMATIC PRODUCTS CONTINUED

Part Number	Description
H380258AP	Door Switch
H380322AP	Relay
H400095AP	Door Stop for 4000
H400116-1AP	Spiral
H4001271AP	Snack/Pastry 10 Count
H400127AP	10 Space Spiral, Pastry
H400128AP	12 Space Spiral, Pastry
H4001641AP	Right Hand Spirals-Candy & Dual 7 Count
H4001681AP	Right Hand Spirals-Candy & Dual 10 Count
H4001691AP	Snack/Pastry 10 Count
H4001701AP	Left Hand Spirals-Dual 12 Count
H4001711AP	Left Hand Spirals-Dual 15 Count
H4001781AP	Left Hand Spirals-Dual 7 Count
H420071129AP	Lock Plug Gg129
H420071136AP	Lock Plug Gg136
H43741AP	Shelf Roller Nut
H440123AP	Shelf Roller
H440125AP	Spiral Retainer
H4401411AP	Spiral Product Pusher
H440161AP	Shelf Lock
H440225AP	Selector Button
H440262AP	Candy Tab Holder
H440263AP	Front Roller Guide - Right
H440264AP	Front Roller Guide - Left
H440273AP	Gum & Mint Shelf Front
H440277AP	1/4 Turn T-handle Assembly
H440279AP	Coin Entry
H440285AP	Shelf End - New Style
H440287AP	Spiral Retainer, White
H4402893AP	Coin Return Button, Black
H440289AP	Coin Return Button, Gray
H440296AP	Coin Return Bezel
H440304AP	Buttons for 113 Machines
H440309AP	Coin Entrance, Black
H440310AP	Display Lens for 113 Machines
H440311AP	Plastic Coin Drop
H440349AP	Coin Instruction Plate
H440362AP	Shelf Roller
H440366AP	Spiral Retainer, Left Hand, Gray
H440367AP	Dual Spiral Shelf Front
H440373AP	Door Delivery Bin,113, Black
H440405AP	Spiral Retainer, White, Right Hand
H440406AP	Spiral Retainer, Gray, Left Hand
H440428AP	Cam Slide
H460346AP	Item Tabs
H46034710AP	Price Tabs, 1.20/1.25
H46034711AP	Price Tabs, 1.30/1.35
H46034712AP	Price Tabs, 1.40/1.45
H46034713AP	Price Tabs, 1.50/1.55
H46034714AP	Price Tabs, 1.60/1.65

Part Number	Description
H46034715AP	Price Tabs, 1.70/1.75
H46034717AP	Price Tabs, 1.90/1.95
H4603472AP	Price Tabs, .40/.45
H4603473AP	Price Tabs, .50/.55
H4603474AP	Price Tabs, .60/.65
H4603475AP	Price Tabs, .70/.75
H4603476AP	Price Tabs, .80/.85
H4603477AP	Price Tabs, .90/.95
H4603478AP	Price Tabs, 1.00/1.05
H4603479AP	Price Tabs, 1.10/1.15
H460347AP	Price Tabs, .25 - $2.50
H460350AP	Window Edging Gasket
H460415AP	Selector Button Background
H460669AP	Selection Tabs, 120
H600433AP	Door Lock Catch Assembly
H640089AP	Lock Handle Assembly
H640123AP	AP Locking Arm
H6602661AP	Switch Membrane
H660266AP	Selection Pad
H660289AP	Coin Chute
H660313AP	Gum & Mint Pusher
H660335AP	Board Protector
H660366AP	Switch Membrane for 113 Machines
H660367AP	Coin Return Assembly, Complete
H6604441AP	Trim Ring for 113 Machines
H660488AP	Coin Chute Assembly
H660519AP	Select Switch and Back Plate Assembly
H660596AP	Right Track Support
H680467AP	Filter Harness
H680576AP	Harness, MDB Board To Coin Mech for Lcm Machine
H680630AP	Harness Power 310
H750130AP	Selection Switch & Plate
H7501411AP	Front Glass for 6000 Machines
H750141AP	Front Glass
H750144AP	Coin Return Trim
H7501811AP	Delivery Door
H750181AP	Delivery Door
H750182AP	Plastic Lower Coin Chute Assembly

CAVALIER

"SOLD OUT" LAMP

- Ref. No. 509000



Part Number	Description
H509000C	"Sold Out" Lamp

"SOLD OUT" LIGHT

- Ref. #S-5025-10



Part Number	Description
91-1160-00	"Sold Out" Light

TIMER SWITCH



Part Number	Description
95-0407-00	Timer Switch



LOCKING CAGE NUT

- 1/2" x 13 Thread
- Cavalier Ref. No. S0835



Part Number	Description
43-1102-00	Locking Cage Nut

TEMPERATURE CONTROL



Part Number	Description
HC43186C	Temperature Control

PRICE LABELS

- 1-1/4" x 1-5/8"- White on Gray

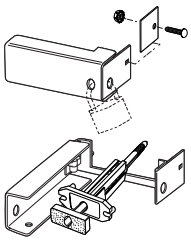


Part Number	Description
27-1092-00	.50
27-1093-00	.55
27-1094-00	.60
27-1095-00	.65
27-1096-00	.70
27-1097-00	75
27-1098-00	.80
27-1100-00	.90
27-1101-00	.95
27-1102-00	1.00
27-1103-00	1.25
27-1104-00	1.50
27-1105-00	1.75
27-1106-00	2.00

Dixie-Narco® GLASS FRONT BEVERAGE VENDER

LOCK COVER KIT

- For Pepsi Magnum serial #3101 and up, generic round front, RC, Very Fine



Part Number	Description
H48001040024DN	Lock Cover Kit

LOCK COVER KIT

- Used on 'E' model and VRV machines with push button coin return



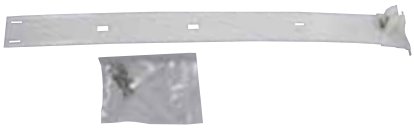
Part Number	Description
H48001120014DN	Lock Cover Kit

BURST OPEN LATCH



Part Number	Description
H80150161001DN	Burst Open Latch

BOTTLE PUSHER KIT



- 9 per kit (Springs & Pushers)

Part Number	Description
H62200040014DN	Bottle Pusher Kit

SLIDE, PRODUCT PUSHER



- 5 Tray, Tall Gate

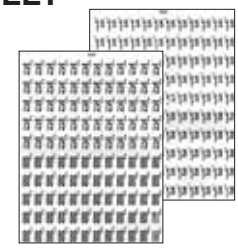
Part Number	Description
H80181201001DN	Slide, Product Pusher

See Page 509 For More Labels



PRICE SHEET

- Used in Glass Front Beverage machines
- 75¢/80¢/$1.15/$1.20



Part Number	Description
H485-2DN	Price Sheet

PRICE LABEL SHEET

- 50 CENTS to $1.25
- Used on S11 machines
- Ref. No. 903828820.11



Part Number	Description
H90382882011DN	Price Label Sheet

COIN INSERT LABEL

- For SII, Coke and VRV machines with pushbutton



Part Number	Description
H80383508041DN	Coin Insert Label

POINT OF SALE WINDOW

- For Coke machines



Part Number	Description
H80180693041DN	Point of Sale Window

CLEAR PUSHBUTTON

- Size: 1-7/8" x 3-7/16"



Part Number	Description
H80180511001DN	Clear Pushbutton

CLEAR BUTTON

- Overall Size: 3-1/2" x 1-3/4"



Part Number	Description
H80180924001DN	Clear Button

CLEAR PUSHBUTTON

- Size: 3-3/8" x 2-3/4"

Part Number	Description
H80180451001DN	Clear Pushbutton

SELECTION BUTTON

- Size: 1" x 2"
- Dixie Narco Ref. No. 80190302011



Part Number	Description
H890001DN	Selection Button

PUSHBUTTON ASSEMBLY

- Size: 1" x 2"



Part Number	Description
H80190302011DN	Pushbutton Assembly

SELECT SWITCH

- For all machines



Part Number	Description
95-0407-00	Select Switch

E-SWITCH

- .187" Terminal Switch, 15 Amp



Part Number	Description
95-0733-90	E-Switch

SINGLE SWITCH

- Used on SII and E model machines



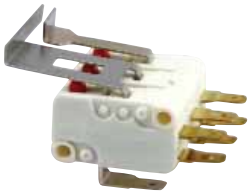
Part Number	Description
H80410073001DN	Single Switch

DOUBLE CLUSTER SWITCH



Part Number	Description
H80410069001DN	Double Cluster Switch

TRIPLE CLUSTER SWITCH



Part Number	Description
H80410070021DN	Triple Cluster Switch

DOOR SWITCH

- For SII and SIID machines



Part Number	Description
H80410077021DN	Door Switch

CHANGER HOPPER

Part Number	Description
H80180430001DN	Changer Hopper

PUSHBUTTON

- For Coke machines



Part Number	Description
H80180571061DN	Pushbutton

CHANGER RELAY



Part Number	Description
H80420017001DN	Changer Relay

SELECT PANEL



- For Coke 7 Select machines

Part Number	Description
H80180574001DN	Select Panel

TUBE, 'E' MODEL, 18-3/8"



Part Number	Description
H80190324001DN	White Tube, for 'E' Model Machines
H80190323001DN	Red Tube, for 'E' Model Machines

CAN DOOR FLAPS WITH POSTS



Part Number	Description
H80180660041DN	Can Door Flaps with Posts

SOAKER - DRIP PAN



Part Number	Description
H90190002021DN	Soaker - Drip Pan

CONDENSATION PAN



Part Number	Description
H80180424081DN	Condensation Pan

FIBERGLASS SOAKER

- For all machines
- NEW, Extra absorbent!

Part Number	Description
H90580069021DN	Fiberglass Soaker

SHIM, CAN STOP

- For all 12 oz. can machines



Part Number	Description
H49707013083DN	Shim, Can Stop

SHIM, CAN

- For 'E' Narrow Column machines



Part Number	Description
H80570114001DN	Shim, Can

SHIM, BOTTLE

- For 'E' Model machines
- Old Ref. 609,070,150.73



Part Number	Description
H80570115001DN	Shim, Bottle

LEFT SHIM

- For 'T' model machines



Part Number	Description
H80180490041DN	Left Shim

CONVERSION KIT, 12 OZ CAN

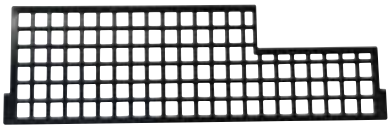
- Used on 'E' model machines



Part Number	Description
H60907260004DN	Conversion Kit, 12oz Can

SHIM, 3/16 FLAT

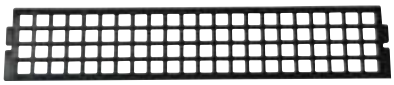
- For 'E' model machines



Part Number	Description
H80180972001DN	Shim, 3/16 Flat

SHIM, 3/32 FLAT, SHORT

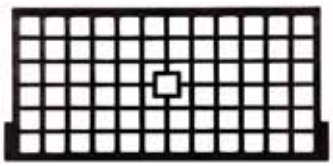
- For 'E' model machines



Part Number	Description
H80180981001DN	Shim, 3/32 Flat, Short

SHIM, FLAT

- For any Rectangular Wide Column machines



Part Number	Description
H80180496021DN	Shim, Flat

SINGLE SPACER COLUMN SHIM

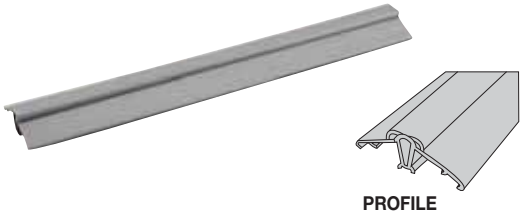
Part Number	Description
H80180495011DN	Single Spacer Column Shim

4" CAN SPACER, TALL GATE



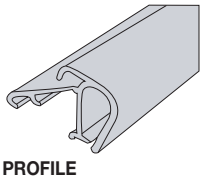
Part Number	Description
H212-1DN	Can Spacer .155 x 3/16" Tall
H212-2DN	Can Spacer .340 x 3/8" Tall

PLASTIC GATE 2 ARM



Part Number	Description
H80180850001DN	Plastic Gate 2 Arm

PLASTIC GATE 1 ARM



Part Number	Description
H80180851001DN	Plastic Gate 1 Arm

CAM ADJUST

- For 'T' model machines
- Wide Column, Gold



Part Number	Description
H80180640041DN	Cam Adjust - Wide Column, Gold

MOTOR CAM, BLUE



Part Number	Description
H80180639061DN	Motor Cam, Blue

REFRIGERATION ASSEMBLY

- For 276E/489 non-Coke/ 501E/501T non-Coke/ 522T non-Coke/ 600E/630L/DMV 72N/ DMV 72W



Part Number	Description
H60904350004DN	Refrigeration Assembly

TEMPERATURE CONTROL



Part Number	Description
H80280009031DN	Temperature Control

TEMPERATURE CONTROL KIT

- New GE Style control
- Replaces Ref. No. 802,800,470.01
- Ref. No. 588,012,200.04
- Includes:
  (1) Control
  (Suzo-Happ No. H80280065021DN)
  (1) Adapter Harness
  (Suzo-Happ No. H80491619001DN)



Part Number	Description
H58801220004DN	Temperature Control Kit

TEMPERATURE CONTROL KIT

- Includes temperature control (80280058011) and adapter harness (80491619001)
- Replaces Ref. No. 802800500
- Ref. No. 60901220003



Part Number	Description
H60901220003DN	Temperature Control Kit

TEMPERATURE CONTROL KIT

- New GE Style control
- Replaces Ref. No. 802,800,480.21
- Ref. No. 572,012,200.04
- Includes:
  (1) Control
  (Suzo-Happ No. H80280059021DN)
  (1) Adapter Harness
  (Suzo-Happ No. H80491619001DN)



Part Number	Description
H57201220004DN	Temperature Control Kit

"SOLD OUT" LAMP

- For Dr Pepper, Veryfine, 7-UP, RC, Non SII and VRV Non SII Generic



Part Number	Description
H80470051001DN	"Sold Out" Lamp

"SOLD OUT" LAMP

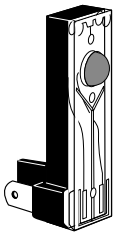
- For Dr Pepper, Veryfine, 7-UP, RC, Non SII and VRV Non SII Generic Prior to 6156



Part Number	Description
H80470052001DN	"Sold Out" Lamp

"SOLD OUT" LAMP

- For Non VRV SII Machines



Part Number	Description
H80470057001DN	"Sold Out" Lamp

"SOLD OUT" LAMP





Part Number	Description
91-1160-00	"Sold Out" Lamp, Ref. No. 804,700,210.21
H80410075071DN	"Sold Out" Switch Assembly

SEGMENT DISPLAY BOARD ASSEMBLY

- For SIID and 'E' model machines



Part Number	Description
H80491096031DN	Segment Display Board Assembly

LENS DISPLAY BOARD

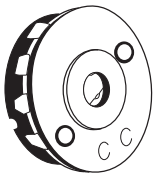
- Used on SII and SIID machines



Part Number	Description
H80180734001DN	Lens Display Board

BOTTOM SINGLE PIN LAMP HOLDER

- Used on Pepsi, RC and Generic Machines
- Lampholder, Bottom, Slim Line, Single Pin



Part Number	Description
H80490203001DN	Bottom Single Pin Lamp Holder

HIGH OUTPUT TOP LAMP HOLDER

- Used historically on Coke and Dr. Pepper Machines



Part Number	Description
H80490199001DN	High Output Top Lamp Holder

BALLAST



Part Number	Description
H80440037061DN	Ballast

T-HANDLES



30-0194-00



H80180287001DN



30-0195-00



30-0183-00



30-0182-00

Dixie-Narco®

Part Number	Description
30-0194-00	Used on "E" Model Machines
H80150287001DN	T-Handle Assembly
30-0195-00	For NVRV Machines
30-0183-00	T-Handle Only - Used on all Machines Except 7UP
30-0182-00	T-Handle Flange

LOCKOUT SWITCH ASSEMBLY

- Protects the lock from weather damage
- Used in 5,6,7,8 Select Non-Membrane SIID Venders
- Used with H80490546011DN, Lockout Switch Lead Harness Assembly



Part Number	Description
H80151010001DN	Lockout Switch Assembly

COMPLETE CAGE NUT ASSEMBLY

- Used in 180/276/300/348/360/368/414/432/440/501/522/600 Coke machines



Part Number	Description
H43205250014DN	Complete Cage Nut Assembly

TINNERMAN CLIP

- For all machines



Part Number	Description
H90090189001DN	Tinnerman Clip

CONTROL BOARD

- For non-Coke, SIID and 'E' model machines



Part Number	Description
80491968004	Control Board

LOCKABLE CASH BOX

- For all 'E' model machines



Part Number	Description
H43205180023DN	Lockable Cash Box

COIN INSERT ASSEMBLY

- Used on SII, VRV Dr. Pepper/ Pepsi/ Generic machines



Part Number	Description
H59101010004DN	Coin Insert Assembly

COIN RETURN PLUNGER SPRING



Part Number	Description
H90170063001DN	Coin Return Plunger Spring

KIT COUNTER SERVICE

- For all machines



Part Number	Description
H43201210034DN	Kit Counter Service

FUSES, SLOW BLOW

- 5 x 20mm, 1.6A/250V, GMD (Slow Blow)
- Ref 804,800,716.01



Part Number	Description
49-5062-00	Fuses (Slow Blow)

FUSES, FAST BLOW

- 5 x 20mm, 6A/250V, AGC (Fast Blow)
- Ref. 804,910,930.01



Part Number	Description
49-0652-00	Fuses (Fast Blow)

T-BOLT

- #8-32 x 3/4
- Used on all machines



Part Number	Description
H90040035041DN	T-Bolt

T-BOLT

- #8-32 x 1.37
- Used on all venders



Part Number	Description
H90040041011DN	T-Bolt

LEG LEVELER

- Used on all machines
- 1-5/8"



Part Number	Description
H90050249091DN	Leg Leveler

VEND MOTORS



Part Number	Description
H23607020013DN	Black
H43207070003DN	Blue
H49707080003DN	Green/Yellow
H17907060033DN	Red
H60907070063DN	Red/Gray
H36107040003DN	Gray
H49707090003DN	Brown
H60907090023DN	Brown

MAIN WIRING HARNESS, DOMESTIC

- For any machine



Part Number	Description
H80490222101DN	Main Wiring Harness, Domestic

CHRISTMAS TREE CLIP - BLACK



Part Number	Description
H90090213001DN	Christmas Tree Clip - Black

INNER DOOR BUSHINGS & RETAINER



H80180642051DN



H80180643031DN

Part Number	Description
H80180642051DN	Inner Door Bushing
H80180643031DN	Bushing Door Retainer

DIXIE NARCO PARTS

Part Number	Description
30-0183-00	T-Handle Flange
30-0194-00	T-Handle, Used on 'E' model Machines
30-0195-00	T-Handle for NVRV Machines
49-0652-00	Fuse
545032	Pushbutton (Quantity Of 1,000)
622020180	Shim Kit Red Bull
801201060	Rotor Vend 1 1/4
801201230	Rotor 501-Series 90-Cans Only
80160286041	Port Trim
80180661111	Adjustable Cam Brown
801808380	Gate Double Arm Gate Ext - 32"
801812020	Spacer, Release Mechanism
801812040	Shim Flat 3/32 Use In Pairs
801812810	Spacer 90/70
801813620	Spacer Nesquick 16oz Bottle
801813630	Spacer Bevmax 12 oz Can
801817380	Shim 10oz Old Home Smoothy
80181739011	Spacer
801903630	Bottle Stabilizer-Short
801903640	Bottle Stabilizer
80240046001	Accumulator Refrigeration Unit
802800660	Thermostat Control
80385738001	Decal Bev Max
804100510	Switch Select
804100600	Vend Switch, Double Cluster
804100610	Sold-Out Switch Series 90
804909780	Harness Coin Mech Mltdrp SSIID
804916290	Control Board Temp Sensor
903855460	Arrow Card, Pushbutton
91-1160-00	Sold Out Lamp
95-0407-00	Select Switch
95-0733-01	Select Switch
99150950	Sign Cold Drink Waterfall, 68-1/2" x 30-3/4"
D618	Decal Bev Max
D621	Decal Bev Max
D622	Decal Bev Max
DN65	Price Label $.65 1-1/4" x 1-5/8"
H168-1DN	Can Spacer Kit, 3/16 Tall
H168-2DN	Can Spacer Kit, 3/8 Tall
H168-3DN	Can Spacer Kit, 9/16 Tall
H17907060033DN	Vend Motors
H212-1DN	4" Can Spacer, Tall Gate, .155 x 3/16" Size
H212-2DN	4" Can Spacer, Tall Gate, .340 x 3/8" Size
H23607020013DN	Vend Motors
H36001030014DN	Inner Door Lock Kit
H36001030014DN-2	Inner Door Lock Kit Key # 1414
H36005070053DN	Magnum Cash Box
H36101010003DN	Rod and Spring Assembly, 16
H36107040003DN	Vend Motors
H43201210034DN	Kit Counter Service
H43205180023DN	Lockable Cash Box

Part Number	Description
H43205250014DN	Complete Cage Nut Assembly
H43207070003DN	Vend Motors
H45505110003DN	Cash Box
H46115080023DN	Pepsi Coin Insert Assy, Stud C/I Gen SII
H48001040024DN	Lock Cover for Pepsi Magnum Circular
H48001120014DN	Lock Cover Kit
H485-2DN	Price Sheet
H49101020014DN	Kit Caster Assembly
H49105070003DN	Selection Switch Bar Assembly
H49154070034DN	Vender Defender Kit
H49707013083DN	Shim, Can Stop
H49707080003DN	Vend Motors
H49707090003DN	Vend Motors
H56014140004DN	Refrigeration Assemblies
H56034460014DN	Refrigeration Assemblies
H57201010034DN	Lock Cover Kit
H57201220004DN	Temperature Control Kit
H58801220004DN	Temperature Control Kit
H59101010004DN	Coin Insert Assembly
H60901220003DN	Temperature Control Kit
H60904350004DN	Refrigeration Assemblies
H60907030013DN	Rod and Spring Assembly, 19
H60907070063DN	Vend Motors
H60907090023DN	Vend Motors
H60907260004DN	Conversion Kit, 12oz Can
H62200040014DN	Bottle Pusher Kit
H62702210004DN	Delivery Sensor with Harness
H777DN	Proximity Sensor
H80120092031DN	Coin Insert Casting
H80120102041DN	Oscillator
H80150161001DN	Burst Open Latch
H80150287001DN	T-Handle
H80151010001DN	Lockout Switch Assembly
H80160251011DN	Delivery Port Trim
H80160286031DN	Delivery Port Trim
H80160286041DN	Delivery Port Trim
H80180389001DN	Clear Pushbutton
H80180424081DN	Condensation Pan
H80180430001DN	Changer Hopper
H80180451001DN	Clear Push Button
H80180482001DN	Selection Button, 2-3/4 x 7
H80180482001DN	Clear Push Button
H80180489041DN	Right Shim
H80180490041DN	Left Shim
H80180495011DN	Single Spacer Column Shim
H80180496021DN	Shim, Flat
H80180511001DN	Clear Push Button
H80180524011DN	Coin Chute
H80180525001DN	Coin Chute Cover
H80180537031DN	Flat Coin Chute
H80180538011DN	Flat Coin Chute Cover

DIXIE NARCO PARTS CONTINUED

Part Number	Description
H80180550031DN	Spacer Port
H80180571061DN	Push Button
H80180574001DN	Select Panel
H80180575001DN	CC-9 Select Panel
H80180579131DN	Coin Chute
H80180580061DN	Coin Chute Cover
H80180605051DN	Drain Tube
H80180639061DN	Blue Motor Cam
H80180640041DN	Cam Adjust: Wide Column, Gold
H80180641051DN	Main Cam: 'T' Wide Column, Green
H80180642051DN	Inner Door Bushing
H80180643031DN	Bushing Door Retainer
H80180655011DN	Discharge Frame, Inner Door
H80180656021DN	Retainer Frame, Inner Door
H80180660041DN	Can Door Flaps with Posts
H80180693041DN	Point of Sale Window
H801807250DN	Change Return Button
H80180734001DN	Bottom Single Pin Lamp Holder
H80180817001DN	Very Fine Clear Button
H80180850001DN	Plastic Gate 2 Arm
H80180851001DN	Plastic Gate 1 Arm
H80180893001DN	Lens 1 x 2 Pushbutton
H80180916041DN	Discharge Frame Assembly
H80180924001DN	Clear Button
H80180967011DN	Plastic Trim 69
H80180968011DN	Plastic Trim 76-7/16"
H80180972001DN	Shim, 3/16 Flat
H80180981001DN	Shim, 3/32 Flat, Short
H80181028001DN	Plastic Trim 96-1/4"
H80181201001DN	Slide 5 Tray, Tall Gate
H80181269001DN	210/70 Spacer (Pepsi Bottles) - White
H80190302011DN	Pushbutton Assembly
H80190323001DN	Tube, 'E' Model, 18-3/8"
H80190324001DN	Tube, White 80190324011
H801903250301DN	Yellow Sleeve, Dole Juice
H80260037061DN	Evaporator Coil
H80280009031DN	Temperature Control
H80280038001DN	Temperature Control
H80280058011DN	Temperature Control
H80280059021DN	Temperature Control
H80280060011DN	Temperature Control
H80381314011DN	Instruction Decal
H80383508041DN	Coin Insert Label
H80383766001DN	Generic Coin Insert Label (Replaces 80183766001)
H80384364001DN	Do Not Tilt Label
H80410068051DN	Sold Out Switch Assembly
H80410069001DN	Double Cluster Switch
H80410070021DN	Triple Cluster Switch
H80410073001DN	Single Switch
H80410075071DN	Sold Out Switch Assembly
H80410077021DN	Door Switch

Part Number	Description
H804100770DN	Switch Bypass Interlock
H80420017001DN	Changer Relay
H80420019001DN	Sequence Relay
H80440037061DN	Ballast
H80450112001DN	Motor, Evap Fan
H80470051001DN	"Sold Out" Lamp
H80470052001DN	"Sold Out" Lamp
H80470057001DN	"Sold Out" Light SII
H80480071001DN	Fuse, 1.6 A, Slow Blow
H80490199001DN	High Output Top Lamp Holder
H80490200001DN	Bottom Lamp Holder
H80490202001DN	Top Lamp Holder
H80490203001DN	Bottom Single Pin Lamp Holder
H80490222101DN	Main Wiring Harness, Domestic
H80490546011DN	Lockout Switch Lead Harness Assembly
H80490668091DN	Control Box
H80490669041DN	S Ii Display Board Assembly
H80490948021DN	Lighting Harness
H80491096031DN	Segment Display Board Assembly
H80491098011DN	Control Board
H80491285001DN	Selection Switch Membrane (Changed to Kit)
H80491285071DN	E Select Switch Membrane
H80491376021DN	Assembly Product Sensor with Harness
H80491619001DN	Temperature Harness
H80491629011DN	Temperature Sensor
H80491724031DN	Harness
H80570114001DN	Shim, Can
H80570115001DN	Shim, Bottle
H890001DN	Button Select Royal
H90030179001DN	Nut for Drain Tube
H90040035041DN	T-Bolt
H90040041011DN	T-Bolt
H90050026111DN	Shoulder Screw
H90050249091DN	Leg Leveler
H90080057011DN	Nut For T-Handle Lock
H90090189001DN	Tinnerman Clip
H90090213001DN	Christmas Tree Clip
H90170063001DN	Coin Return Plunger Spring
H90180620011DN	Roller, Main Door
H90190002021DN	Soaker – Drip Pan
H90190190001DN	White Tube 90190190001
H90382882011DN	Price Label Sheet
H90470018031DN	Use Correct Change Lamp
H90580069021DN	Fiberglass Soaker
H990DN	Air Filter
W1682	Spacer Kit Short Gat Set Of 9
W2121	Spacer,Tall Gate,Thin
W2122	Spacer Tall Gate Thick
W31569	Dex Control Brd, with Multibus Con
W662	Outlet Plug, 15A
W777	Sensor Proximity (Replaces 80180916021)

HOT DRINK PARTS

WATER VALVE

- For Hot Tron 1, 615, 619, 620
- Old Ref. No. 6138268



Part Number	Description
H4750066N	Water Valve

WATER VALVE ASSEMBLY

- For 623,625, 627, 630, 633, 638, Cafe 7
- Old Ref. No. 6238092



Part Number	Description
H6230108N	Water Valve Assembly

WATER VALVE REBUILD KIT

- For H6230108N Water Valve



Part Number	Description
H6330030N	Water Valve Rebuild Kit

BREW SEAL



Part Number	Description
H6234375N	Brew Seal

FILTER HEAD O-RING



Part Number	Description
27-1066-00	Filter Head O-Ring

FILTER PAPER

- For Cafe 7



Part Number	Description
H6404043N	

FILTER PAPER



Part Number	Description
H1000N	Filter Paper

HOT FILTER



Part Number	Description
27-1010-00	Hot Filter

F5 COMPACT FLUORESCENT



Part Number	Description
91-3037-00	F5 Compact Fluorescent

HOT DRINK PARTS

DRIVE BELT



Part Number	Description
H5271687N	Drive Belt

RINSE HOSE ASSEMBLY



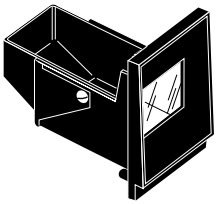
Part Number	Description
H14494RM	Gravity Feed Rinse Hose Assembly

HOT WATER TANK GASKET



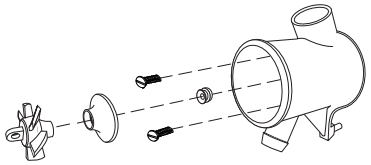
Part Number	Description
H653800N	Vulcanized Hot Water Tank Gasket

COIN RETURN CUP ASSEMBLY



Part Number	Description
H1452030N	Coin Return Cup Assembly

WHIPPER REBUILDING KIT



Part Number	Description
H6237191N	Whipper Rebuilding Kit

WHIPPER IMPELER



Part Number	Description
H6107197N	Whipper Impeler

MIXING WHEEL



Part Number	Description
H6237002N	Mixing Wheel

MOMENTARY SWITCH



Part Number	Description
27-1048-00	Momentary Switch

REPLACEMENT LIFT HANDLE SET

- For National Vendors coffee & cold food machines
- Brushed stainless finish
- Set includes:
  - Lift Handle Lever, Ref. No. 117-2190
  - Lift Handle Base, Ref. No. 117-2191



Part Number	Description
30-0307-00	Replacement Lift Handle Set
H1302291N	Pin for Lift Handle

630/638 HOT DRINK PARTS

KIT MANIFOLD



Part Number	Description
6134155	Kit Manifold

WHIPPER MOTOR



Part Number	Description
H6237111N	Whipper Motor

MIXING BOWL



Part Number	Description
6537030	Mixing Bowl



COLD FOOD PARTS

BLOWER MOTOR ASSEMBLY

- Old Ref. No. 4302556



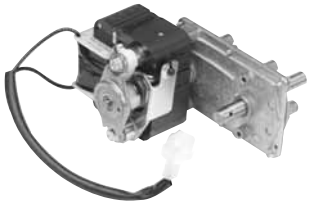
Part Number	Description
H4302556N	Blower Motor Assembly

COLD CONTROL



Part Number	Description
H4171137N	Cold Control

DRIVE MOTOR ASSEMBLY



Part Number	Description
4271088	Drive Motor Assembly

PRICE HOLDER



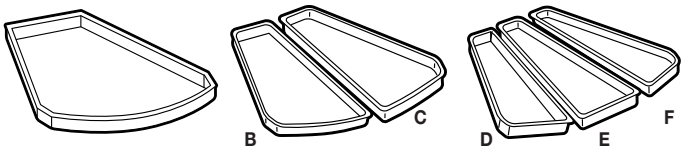
Part Number	Description
4273023	Price Holder

SHELF DIVIDER



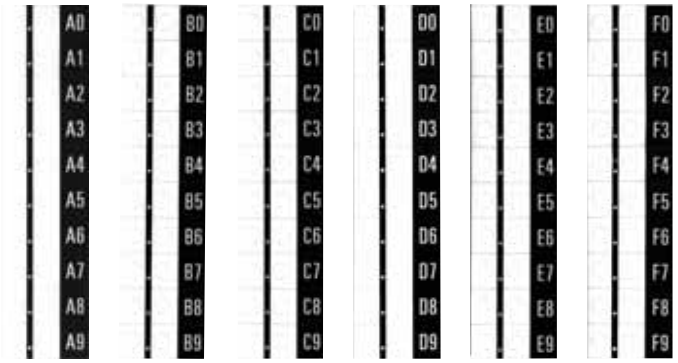
Part Number	Description
4327042	Shelf Divider

NATIONAL SHOPPERTRON SHELF LINERS



Part Number	KEY	Color	Description
HPRN	A	Red	Platter
HPBN	A	Blue	Platter
HPBKN	A	Black	Platter
H1/2LRNS	B	Red	Left 1/2
H1/2LWNS	B	White	Left 1/2
H1/2LBNS	B	Blue	Left 1/2
H1/2LBKNS	B	Black	Left 1/2
H1/2RRNS	C	Red	Right 1/2
H1/2RWNS	C	White	Right 1/2
H1/2RBKNS	C	Black	Right 1/2
H1/3LRNS	D	Red	Left 1/3
H1/3LBKNS	D	Black	Left 1/3
H1/3RWNS	F	White	Right 1/3
H1/3RBNS	F	Blue	Right 1/3
H1/3RBKNS	F	Black	Right 1/3
H1/3CRNS	E	Red	Center 1/3
H1/3CWNS	E	White	Center 1/3
H1/3CBNS	E	Blue	Center 1/3
H1/3CBKNS	E	Black	Center 1/3

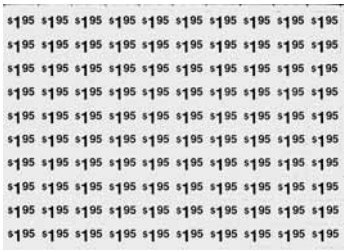
PRODUCT LABEL SHEET



• For 474 Refreshment Center/147 Snack Center

Part Number	Description
H1577009N	A0-A9 (Old Ref. No. 147-7076)
H1577010N	B0-B9 (Old Ref. No. 147-7077)
H1577011N	C0-C9 (Old Ref. No. 147-7078)
H1577012N	D0-D9
H1577013N	E0-E9
H1577014N	F0-F9

PRICE INSERTS



Part Number	Description
H14500281N	.50/.55
H14500282N	.60/.65
H14500283N	.70/.75
H14500284N	.80/.85
H14500285N	.90/.95
H14500287N	$1.10/$1.15
H14500288N	$1.20/$1.25
H14500289N	$1.30/$1.35
H145002810N	$1.40/$1.45
H145002813N	$1.70/$1.75
H145002815N	$1.90/$1.95

PRICE LABELS 25¢ - $2.50



Part Number	Description
H1450028N	Price Labels 25¢ - $2.50

ITEM TABS (ITEM A1- ITEM G5)



Part Number	Description
H1450005N	Item Tabs (ITEM A1 - ITEM G5)

GLASSFRONT PARTS

147/148 PRODUCT MOTOR



Part Number	Description
H1477112N	147/148 Product Motor

MOTOR & PC BOARD ASSEMBLY



Part Number	Description
H1577038N	Motor & PC Board Assembly

PRODUCT PUSHER



Part Number	Description
H1477074N	Product Pusher

LABEL HOLDER - SNACK



Part Number	Description
H1417001N	Label Holder - Snack

DUAL SPIRAL

- Without Retainer



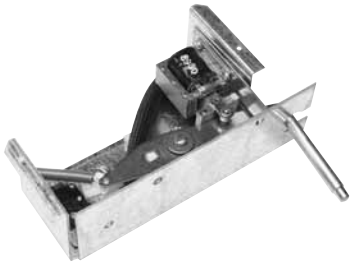
Part Number	Description
H1477104N	6 Count, Right
H1477024N	11 Count, Left
H1477027N	11 Count, Right

SPIRAL RETAINER ONLY



Part Number	Description
H1477107N	Spiral Retainer Only

STOP PIN ASSEMBLY



Part Number	Description
H4311108N	Stop Pin Assembly

SHELF ROLLER STUD



Part Number	Description
H1407019N	Shelf Roller Stud

NATIONAL PARTS

Part Number	Description
1452059	Glass
1471066	Receptacle Block and PC
1472036	Trim Coin Receptacle
1472105	Labels, Price Gum & Mint
1477014	Roll Price Cents
1477015	Roll Price Dollars
1477020	Gear
1477022	Bearing Coupler
1477023	Spiral 11 Count Left Hand
1477035	Spiral 15 Count Left Hand
1477073	National Retainer, Spiral, Black
1477152	Spiral 9 Count Left Hand Grey
1479099	Pin-Pusher
1571156	Kit, Bolting, Plate
1596014	PCB Board Assembly Shelf
1679010	Harness, 5 Motor
1679011	Harness, 10 Motor
1679056	Dex Cable
16800013	Harness Touch Memory
1689004	Harness, 4 Motor
1707004	Spiral 10 Count Left Hand
1707006	Spiral 10 Count Right Hand
1707062	Wall Tray
1709012	Harness, 5 Motor
1709013	Harness, 8 Motor
1709014	Harness, 10 Motor
27-1010-00	Hot Filter
27-1011-00	Everpure Cold Water Filter
27-1048-00	Momentary Switch
27-1066-00	Filter Head O-Ring
30-0118-00	Remote for National 222 Remote
30-0307-00	Replacement Lift Handle Set
3152045	Bezel Cup Delivery Door Frame
3167109	Switch Vacuum Sold Out 2095-532
4245082	Gate Coin Return
4252029	Vend Door Solenoid
4270048	Labels, Price 40¢ - $3.95
4271088	Drive Motor Assembly
4273023	Price Holder
4273090	Solenoid & Bracket Assembly
4273115	Door Stop & Price Holder
4277029	Tray Divider
4279015	Ballast Crane 427/429 Food King
4301364	Bushing Retainer
4301419	Sensor, PCB Board Asm
4302069	Safety Sleeve Assembly GPL Crane
4302414	Clip Door Trim
4314014	Blower Motor
4327042	Shelf Divider
4327043	Shelf Retainer Revolution
4711020	National Cap Plug Spout, Natural

Part Number	Description
6134155	Kit Manifold
6152188	Ballast Assembly - Cabinet
6224035	Liner Grinder Housing
6232065	Delivery Door
6237223	Rotor Grin Wheel
6237437	Motor & Plate Assembly
6238068	Bracket Mounting Switch
6238084	Switch Lever 10 Gram
6335002	Service Keypad
6338050	Bearing Lid Hot Water
6338053	Valve Hwt 120V K56778-53
6338057	Tank Lid Assembly
6404059	Tube-Pharmed - .38 x .25 White
6404070	Brew Screen 60 x 60 Mesh
6404090	Brewer Seal
6537024	Canister
6537030	Mixing Bowl
6738008	Sensor Temperature Water Tank
91-3004-00	Lamp
91-3011-00	Fluorescent Lamp
91-3017-10	Lamp
91-3037-00	F5 Compact Fluorescent
9984621	Membrane
9989586	Interface Board
9989677	Relay
H1/2LBKNS	Shelf Liners
H1/2LBNS	Shelf Liners
H1/2LRNS	Shelf Liners
H1/2LWNS	Shelf Liners
H1/2RBKNS	Shelf Liners
H1/2RRNS	Shelf Liners
H1/2RWNS	Shelf Liners
H1/3CBKNS	Shelf Liners
H1/3CBNS	Shelf Liners
H1/3CRNS	Shelf Liners
H1/3CWNS	Shelf Liners
H1/3LRNS	Shelf Liners
H1/3RBKNS	Shelf Liners
H1/3RBNS	Shelf Liners
H1/3RWNS	Shelf Liners
H1000N	Filter Paper
H1302290N	Replacement Lift Handle Set
H1302291N	Pin for Lift Handle
H1401110N	Switch 1DM3
H1407019N	Shelf Roller Stud
H1417001N	Label Holder Snack
H14494RM	Rinse Hose Assembly - Gravity Feed
H1450005N	Item Tabs (ITEM A1 - ITEM G5)
H145002810N	Price Inserts - 1.40/1.45
H145002813N	Price Inserts - 1.70/1.75
H145002815N	Price Inserts - 1.90/1.95

NATIONAL PARTS CONTINUED

Part Number	Description
H14500281N	Price Inserts - .50/.55
H14500282N	Price Inserts - .60/.65
H14500283N	Price Inserts - .70/.75
H14500284N	Price Inserts - .80/.85
H14500285N	Price Inserts - .90/.95
H14500287N	Price Inserts - 1.10/1.15
H14500288N	Price Inserts - 1.20/1.25
H14500289N	Price Inserts - 1.30/1.35
H1450028N	Price Labels .25 - $2.50
H1452030N	Coin Return Cup Assembly
H1471066N	Receptacle Block And PCB Assy
H1472223N	Coin Insert
H1475029N	Switch Assembly Selection
H1475055N	Switch Assembly Data
H1477023-1N	11 Count Spiral, Left, Black
H1477023N	Dual Spiral 11 Count, Left
H1477026N	Dual Spiral 11 Count, Right
H1477074N	Product Pusher
H1477103N	Spiral, 6 Count, Left Hand
H1477105N	Dual Spiral 6 Count, Right
H1477107N	Spiral Retainer Only
H1477112N	147/148 Product Motor
H1477113N	Coupling Spiral
H1477149N	Left Hand 9 Count with Retainer
H1479062N	Stud
H1479066N	PCB Assembly, Gum & Mint Interface
H1479080N	Spool Spring, Gum & Mint
H1479145N	Arm For Gum & Mint Motor Tray
H1576002N	PCB Assembly, Tray Contact
H1577009N	Product Label Sheet - A0-A9
H1577010N	Product Label Sheet - B0-B9
H1577011N	Product Label Sheet - C0-C9
H1577012N	Product Label Sheet - D0-D9
H1577013N	Product Label Sheet - E0-E9
H1577014N	Product Label Sheet - F0-F9
H1577038N	Motor & PC Board Assembly
H3152042N	Touch Pad Membrane - Hot Tron/Cold Tron
H3156040N	Triac
H3167066N	Valve Syrup Predyne
H4119013N	Temperature Probe
H4171137N	Cold Control
H4277050N	Motor Turrett 115V 427 429
H4301359N	Solenoid Laminated
H4301374N	Sensor Home Switch Kit
H4301396N	Drive Gear
H4301398N	Bushing & Drive Shaft Assembly
H4302556N	Blower Motor Assembly
H4307034N	Product Shelf
H4311082N	Cam Switch Delay
H4311108N	Stop Pin Assembly 431 Shoppertron
H4311144N	Solenoid Assy with Stop Pin

Part Number	Description
H4312127N	Vend Door for 430/431
H4750066N	Water Valve
H5271687N	Drive Belt
H5272273	Cam
H6107195N	Impeller Housing
H6107197N	Whipper Impeller
H6107198N	Thrust Spring
H6117010N	Dispenser Spout
H6208025N	Plunger and Diaphragm
H6220002N	Replacement Assembly Grinding
H6230106N	Valve Assy Replacement Kit
H6230108N	Water Valve Assembly
H6230108N-1	Vent Tube for Water Valve Assembly
H6231488N	Cup Deflector Mounting Assembly
H6234104N	Brew Basket Paperless
H6234279N	Switch Brewer
H6234328N	Barrel Assy-Single Brewer
H6234361N	Regulator Assembly
H6234375N	Brew Seal
H6237002N	Mixing Wheel
H6237087N	Insert for Bean Hopper Window
H6237111N	Whipper Motor
H6237165N	Motor Assembly, 200 RPM
H6237191N	Whipper Rebuilding Kit
H6237195N	Complete Whipper Motor Assembly
H6237201N	Grinder Motor Universal
H6237241N	Pre-Ground Coffee Chute Assembly
H6237315N	Mixing Bowl Retainer Tube
H6237340N	Filter for Exhaust Blower
H6237439N	Canister
H6238074N	O-Ring
H6238079N	Coil & Frame Assembly
H6330030N	Water Valve Rebuild Kit
H6334012N	Brewer Motor, 115V
H6335002N	Service Keypad Assembly
H6338041AN	Heater 1250 Watt
H6404043N	Filter Paper
H665N	Selection Card, Set of 7
H6730033N	Tank Weld Assembly
H7215019N	Customer Touchpad for 633
H9281725N	Vend Door Gasket
H9983778N	Triac, 35 AMP 600 Volt
H9984622N	Switch Spdt Toggle 20 AMP
H9988208N	Capacitor Motor Run 17UF
H9989428N	145/146 Membrane Selection Sheet
HP3158061N	Inlet Water Valve Assembly, 115 VAC
HP4311125N	Drive Motor Assy with Motion Detector
HPBKN	Shelf Liners
HPBN	Shelf Liners
HPRN	Shelf Liners

BREWER REBUILD KIT



- Ordering made easy with all the high traffic replacement parts needed to rebuild a Brewer Cylinder and Piston Assembly in one simple kit.
- Specific kits for specific machines
- Easy to handle with everything neatly packaged in 1 bag
- Easy to inventory
- Easy to quickly grab off the shelf and take to a location

Part Number	Description
27-1256-00	For RMI 850/8050/211/211E Machine

FUNNEL 12 OZ FIXED



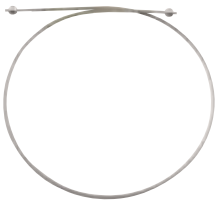
Part Number	Description
24400003	Funnel 12 oz Fixed

BREW FUNNEL COVER - 7/9 OZ



Part Number	Description
H27926RM	Brew Funnel Cover - 7/9 oz

BREW CABLE



Part Number	Description
H174041RM	Brew Cable

BREW CHAMBER



Part Number	For Model	Description
H14372RM	850	Old Style 7/9 oz
H28406RM	850/8050/211/211E/203/2000 Series	7/9 oz
H29372RM	850/8050/211/211E/203/2000 Series	7/9 oz w/Seal
H35087RM	203 DC	12 oz
H36772RM	213	12 oz
H37283RM	213	12 oz w/Seal

BREW CARRIAGE



Part Number	For Model	Description
H351473RM	850/8050/200 Series/211/211E/203	w/o Wiper
H35147RM	203 DC	w/o Wiper
H37667RM	203 DC	w/ Wiper
H351471RM	213	w/o Wiper

BREW CYLINDER - 7/9 OZ

- For 850/8050/2000 Series /211/211E/203



Part Number	Description
H32714RM	Brew Cyllinder - 7/9oz

BREW CYLINDER - 12 OZ

- For 213/203DC/203/223



Part Number	Description
H35077RM	Brew Cylinder - 12oz

DIAPHRAGMS



H32911RM



26-1151-00

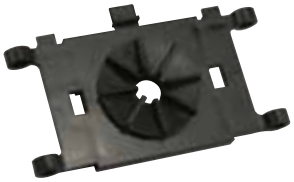
Part Number	Description
H32911RM	Commodity Valve Diaphragm New Style for RMI
26-1151-00	Diaphragm and Detroit Solenoid

BREW FILTER



Part Number	Description
H16721RM	Brew Filter - 7/9oz
H350751RM	Brew Filter - 12oz

BREW FILTER BRACKET



Part Number	Description
H28020RM	Brew Filter Bracket - 7/9oz
H35089RM	Brew Filter Bracket 12oz

FILTER SCREEN



Part Number	Description
H367571RM	Black, 12oz

FILTER KIT 12 OZ FIXED



Part Number	Description
H275000041RM	Filter Kit - 12oz Fixed

BREW FILTER FOR RMI



Part Number	Description
H24400018RM	Brew Filter for RMI

BREW FILTER SCREEN



Part Number	Description
H16723RM	Brew Filter Screen - 7/9oz
H35081RM	Brew Filter Screen - 12oz

BREW FILTER SEAL



Part Number	Description
H16724RM	Brew Filter Seal - 7/9oz
H35082RM	Brew Filter Seal - 12oz

FILTER SEAL ASSEMBLY



Part Number	Description
266000951	Filter Seal Assembly

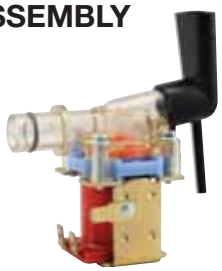
BREW CHAMBER SEAL



Part Number	Description
H12798RM	Brew Chamber Seal

BREW VALVE ASSEMBLY

- For 203/211/211E/8050



Part Number	Description
H30854RM	Brew Valve Assembly

BREWER VALVE, 223



Part Number	Description
H26700044RM	Brewer Valve, 223

BREW VALVE BODY, 223



Part Number	Description
2670004402	Brew Valve Body, 223

COMMODITY RED VALVE BODY



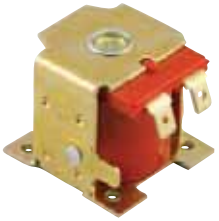
Part Number	Description
H27786RM	Commodity Red Valve Body

BREWER VALVE BODY



Part Number	Description
H33424RM	Brewer Valve Body, Clear

RED SOLENOID COIL



Part Number	Description
H30596RM	Red Solenoid Coil

COMMODITY VALVE ASSEMBLY



Part Number	Description
H30860RM	Commodity Valve Assembly, Red Coil

COMMODITY VALVE REBUILD KIT

- For 850/8050/2000 Series /211/211E/213/203DC



Part Number	Description
27-1258-00	Commodity Valve Rebuild Kit

ADJUSTMENT SCREW - COMMODITY VALVE WITH SEAL



Part Number	Description
H27788RM	Adjustment Screw - Commodity Valve with Seal

ARMATURE & SPRING - COMMODITY VALVE



Part Number	Description
H30598RM	Armature & Spring - Commodity Valve

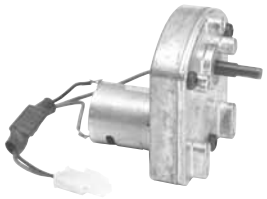
BREW MOTOR LG 24V

- For RMI 223



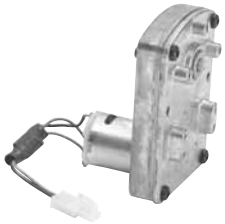
Part Number	Description
H26700005RM	Brew Motor LG 24V

MOTOR, 223



Part Number	Description
26700002	18 RPM 24V
26700001	51 RPM 24V

CUP DROP 24V



Part Number	Description
38258	Cup Drop 24V

AUGER MOTOR - 180 RPM

- For 203/213/850/8050



Part Number	Description
H22737RM	Auger Motor - 180 RPM

BREWER MOTOR

- Old Ref No. 17365



Part Number	Description
H37756RM	Brewer Motor

WHIPPER MOTOR

- Motor only, adapter harness not included



Part Number	Description
H33524RM	Whipper Motor

WHIPPER 24V



Part Number	Description
H2670000301RM	Whipper 24V

WHIPPER BASE FOR RMI

- Ref. No. 24400211



Part Number	Description
H24400211RM	Whipper Base for RMI

WHIPPER SEAL INNER HOUSING

- For 8050/211/211E/ 203/213/203DC

Part Number	Description
H27435RM	Whipper Seal Inner Housing

FUNNEL, WHIPPER

- Soup/Sugar #1 Mixing Bowl Position
- For 213/203DC



Part Number	Description
H23027RM	Funnel, Whipper

INLET VALVE



Part Number	Description
H360146AP	Inlet Valve

BREWER VALVE SPOUT



Part Number	Description
H28733RM	Brewer Valve Spout 7/9oz
H35178RM	Brewer Valve Spout 12oz

CATCH CUP



Part Number	Description
H26600004RM	Catch Cup

SHUT OFF VALVE

- For 850/8050/203/ 213/203 DC



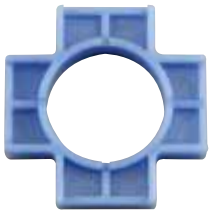
Part Number	Description
H14924RM	Shut Off Valve

TANK - 213/203



Part Number	Description
34950	Tank - 213/203

ADAPTOR - COMMODITY VALVE



Part Number	Description
H27787RM	Adaptor - Commodity Valve

COMMODITY TROUGH

- 1 & 3 position, freeze dried
- For 211E



Part Number	Description
H22900RM	Commodity Trough for 211E

COMMODITY TROUGH

- 4 position, 2 specialty gourmet coffee
- For RMI Series 213/203DC4 position FB, LG



Part Number	Description
H36875RM	Commodity Trough

PAWL BREWER

- For 213 Machines



Part Number	Description
H371861RM	Pawl Brewer, Left
H37186RM	Pawl Brewer, Right

PAWL - BREWER BASE



Part Number	Description
H15019RM	Pawl - Brewer Base

SPOUT CANISTER, LOUVERED

- For 211/211E/203



Part Number	Description
H266431RM	Spout Canister, Louvered

SPOUT CANISTER

- For 850/8050/2000 Series 211/211E/203/213/203DC



Part Number	Description
H26643RM	Spout Canister

SPOUT CANISTER, NO LOUVERS

- Soup, Soluble Gourmet
- For 211E/213/203DC



Part Number	Description
H25961RM	Spout Canister, No Louvers

SELECTOR BUTTON



Part Number	Description
H20344RM	Selector Button - New Style

SELECTOR BUTTON



Part Number	Description
H28962RM	Selector Button

CUP STATION TRIM



Part Number	Description
H440329RM	Cup Station Trim

COIN RETURN TRIM



Part Number	Description
H23296RM	Coin Return Trim

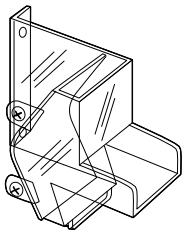
PLASTIC COIN DROP

- For 211/211E/203/213/203DC

Part Number	Description
H440311AP	Plastic Coin Drop

COIN CHUTE ASSEMBLY

- Water Resistant
- For 213/203DC Machines



Part Number	Description
H660488AP	Coin Chute Assembly

COIN RETURN BUTTON, GRAY

- For 203/211/211E/213/203DC



Part Number	Description
H440289AP	Coin Return Button, Gray

TOGGLE SWITCH



Part Number	Description
49-0005-00	Toggle Switch

INTERLOCK SWITCH



Part Number	Description
H33475RM	Interlock Switch

ON/OFF SWITCH



Part Number	Description
H17462RM	On/Off Switch

SELECTOR SWITCH



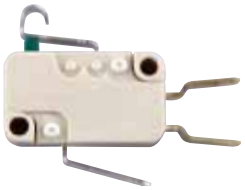
Part Number	Description
H15675RM	Selector Switch

MOMENTARY FLUSH SWITCH



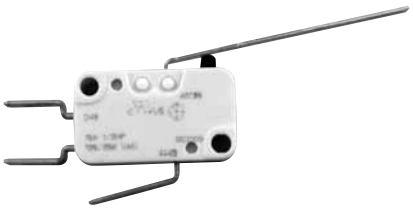
Part Number	Description
H14572RM	Momentary Flush Switch

SWITCH MICRO RMI



Part Number	Description
23800014	Switch Micro RMI

CUP DROP SWITCH



Part Number	Description
H36038RM	Cup Drop Switch

BREWER SWITCH



Part Number	Description
H17583RM	Brewer Switch

CUP SOLD OUT SWITCH



Part Number	Description
H36646RM	Cup Sold Out Switch

LOCKING NUT

- Ref. No. 17592



Part Number	Description
43-1102-00	Locking Nut

VALVE SLEEVE O-RING OLD STYLE VALVE



Part Number	Description
H00519RM	Valve Sleeve O-Ring Old Style Valve

PLUNGER SLEEVE O-RING



Part Number	Description
H005191RM	Plunger Sleeve O-Ring

COMMODITY VALVE O-RING - PURPLE



Part Number	Description
H14759RM	Commodity Valve O-Ring - Purple

COMMODITY VALVE O-RING - OLD STYLE VALVE



Part Number	Description
H00522RM	Commodity Valve O-Ring - Old Style Valve

O-RING



Part Number	Description
H32864RM	O-Ring

CHOCOLATE HOUSING O-RING



Part Number	Description
H13919RM	Chocolate Housing O-Ring

SPOUT GEAR



Part Number	Description
24400135	Spout Gear

SEAL PISTON



Part Number	Description
29482	Seal Piston

BREWER PISTON



Part Number	Description
H29481RM	Brewer Piston

PISTON SEAL



Part Number	Description
H29482RM	Piston Seal

GASKET PISTON SUPPORT



Part Number	Description
H13085RM	Gasket Piston Support

180 DEGREE OVERTEMP THERMOSTAT



Part Number	Description
H35394RM	180˚ Overtemp Thermostat

THERMOSTAT SAFETY CM 150 SPST



Part Number	Description
36573	Thermostat Safety CM 150 SPST

WATER TEMPERATURE PROBE

- Ref. No. 23500008



Part Number	Description
H23500008RM	Water Temperature Probe

CONTROL THERMOSTAT



Part Number	Description
H24655RM	Control Thermostat - 190˚

HEATER - BOLT ON



Part Number	Description
H21449RM	Heater - Bolt On

COFFEE MACHINE OVERLAY



- Rich graphics improves the appeal for drinking a cup of coffee
- For RMI machines

Part Number	Description
H37471RM	Pedestal Artwork, for RMI 213 - Size: 23-1/2" x 16-3/4"

LABEL RETAINER 223 RMI

- 15 per pack

Part Number	Description
24400097	Label Retainer 223 RMI

LABEL SET

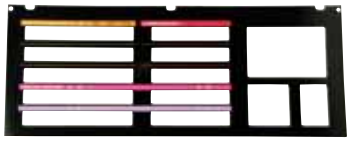
- For 213 machines



Part Number	Description
H37101RM	Label Set

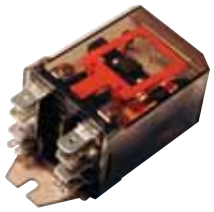
DECAL GRAPHICS

- For 213 coffee machines



Part Number	Description
H36870RM	Decal Graphics

HEATER RELAY



Part Number	Description
26700016	Heater Relay

POWER RELAY



Part Number	Description
H27034RM	Power Relay

SLAM LATCH



Part Number	Description
35122	Slam Latch

VEND DOOR



Part Number	Description
H19290RM	Vend Door

DOOR MAGNETIC SENSOR CUPWELL



Part Number	Description
38679	Door Magnetic Sensor Cupwell

CUP STATION GRILL



Part Number	Description
H19773RM	Cup Station Grill

FLOAT



Part Number	Description
H35267RM	Float, Teflon

CARRIAGE RETURN SPRING, 13"



Part Number	Description
H15528RM	Carriage Return Spring, 13"

WHEEL FOR COMMODITY CANISTER



Part Number	Description
H20311RM	Wheel for Commodity Canister

8050 BEAN GRINDER BULB



Part Number	Description
91-3038-00	8050 Bean Grinder Bulb

RMI PARTS

Part Number	Description
23000006	Rod Metric 12oz Brewer
23200007	Bridge Piston 12oz Brewer
2330001402	Gasket Preformed 223 Water Tnk
23500005	Heater Water New Style 223
23800014	Switch Micro
24000028	Sping Assist
24400003	Funnel 12oz Fixed
24400044	Grommet .75 Diameter
24400066	Grommet .87 Diameter 223, 223 Coffee
24400097	Label Retainer for 223 Machines, 15 per Pack
24400135	Spout Gear
24400136	Door Gear Product
24400180	Tube Chute Mini Grinder Lh Rh
24400199	Impeller
24400205	Bucket Grounds
24760	Tubing Tank Ovreflow Per Inch
247601	Tube Overtemp Therm 13" Ap 213 Coffee
26-1151-00	Diaphragm
26600078	Canister Insert Assembly Large
266001081	Base Assembly 12oz Fixed Fil Brn 223
266001523	Canister RMI
26600230	Carriage Assembly Brewer with Wiper
2660028601	Assembly Rinse Hose
26600394	Button Set 223 Cream & One Cup
26700001	Motor 51 RPM 24V
26700002	Motor 18 RPM 24V
2670001403	Brew Valve Diaphram 223
26700016	Heater Relay
26700039	Arm & Spring New Style
26700042	Motor Door Cupwell 24VDC
2670004402	Brew Valve Body for 223 Machines
26800080	Harness Spout/Cupwell 223 RMI
26900005	Lamp Incandescent .2 Watt 24 Volt Ap223
27000026	Tubing 3/4" I.D. 223
27-1256-00	Brewer Rebuild Kit for 850/8050/211/211E Machines
27-1258-00	Commodity Valve Rebuild Kit for 850/8050/2000 Series/ 211/211E/213/203DC
27178A	Nozzle Only for Rinse Hose
27400005	Product Label Set
27400007	Price Set Sticky 223 RMI
27500022	Assembly Whipper Bowl Kit
2752252730	Gasket Water Tank 30 Inch
294811	Piston Metric
29482	Seal Piston
29940	Trim Vertical Door Edge Black
300103	Leveler
30460	T-Handle for Model 203/213
30559	Heater Stripfor 203 Swap Plg
30560	Humidity Bar with Heater Strip
311880EM	Coupling Grinder 8050G
33126	Keyed Switch
3331	Coil 110V with Rectifier New Style
33859	Boot Float Rod

Part Number	Description
34950	Tank - 213/203
35075	Brew Filter 12oz
35079	Rod Cylinder Brewer 12oz
35122	Slam Latch
35280	Probe with Cap
35287	Lid Only Water Tank 223 RMI
35291	Assembly Lid Htw Tank 213Lg
365202	Assembly Seperator Red Cams Cup Ring
36573	Thermostat Safety CM 150 SPST
36775	Overlay-Standard for Model 203/213
36776	Label Set-Standard for Model 203/213
37188	Sleeve Brass Thermostat 213 Coffee
37189	Spring Compression Thermostat 213 Coffee
38230	Kit Voltage Grounding 213
38258	Motor Cup Drop 24V 223 RMI
382777	Connector 1/4 Fpt x 1/4 Tube RMI Coffee
38325	Ferrite Filter Kit
38455	Hopper Cof Bean Molded 223 RMI
38458	Insert Hopper Plug 223 RMI
3859602	Trough 3-Commodity 223
38658	Door Assembly Cupwell
38673	Spout Canister 90 Deg Ramp
38674	Spout Canister 90 Deg Louver
38679	Door Magnetic Sensor Cupwell
38694	Harness Cdb-Rack/Spout
38729	Assembly Inlet Water Valve 223 RMI
38730	Motor Exhaust Fan 223 RMI
38741	Switch Harness 223 RMI
38778	Assembly Power Control Board 223 RMI
38782	Cup Catch Right Hand
38783	Cup Catch Left Hand
38785	Cupwell Platform RMI 223
38788	Tray Cupwell Drip
38789	Cupwell Assembly 223 RMI
43-0252-00	Screw, 8-32 x 3/8 HH SCP
43-0875-00	Star Lock Washer
43-1102-00	Locking Nut
440442	Selector Bezel Black
4404442	Trim Ring, Black
460453	Bezel Decal
49-0005-00	Toggle Switch
6534001	Brewer Asssembly Single without Filter Paper
660581	Coin Cup Front Curved
91-2003-00	Starter
91-3012-10	Lamp
91-3038-00	8050 Bean Grinder Bulb
H005191RM	Plunger Sleeve O-Ring
H00519RM	Valve Sleeve O-Ring Old Style Valve
H00522RM	Commodity Valve O-Ring - Old Style Valve
H11947RM	Cam, Follower
H12716RM	Screw, 1/4-20 7-32
H12798RM	Brew Chamber Seal

RMI PARTS CONTINUED

Part Number	Description
H13085RM	Gasket Piston Support
H13839RM	Washer, Special Cylinder
H13910RM	Housing & Seal Assembly
H13918RM	Slinger, Whipper Motor
H13919RM	Chocolate Housing O-Ring
H14344RM	Carriage Rod
H14370RM	Idler Roller
H14372RM	Brew Chamber Old Style Model 850
H14435RM	Spring Brew Chamber
H14531RM	Indicator Lamp Assembly
H14572RM	Momentary Flush Switch
H14759ARM	Commodity Valve O-Ring, Orange
H14759RM	Commodity Valve O-Ring, Purple
H14924RM	Shut Off Valve
H15019RM	Pawl - Brewer Base
H15528RM	Carriage Return Spring
H15675RM	Selector Switch
H1605816RM	Nyliner, 8L12F
H1605817RM	Nyliner, 8L2FF
H160585RM	Nyliner, 12L12FGS
H16058RM	Nyliner
H16721RM	Brew Filter 7/9oz
H16723RM	Brew Filter Screen 7/9oz, 12 oz
H16724RM	Filter Screen 12oz
H174041RM	Brew Cable
H17415RM	Screw 1/4-20 x 1/2 HH Washer Faced
H17462RM	ON/OFF Switch
H17521-10RM	Retainer Ring, 7/16
H17521-3RM	Retainer Ring, 1/4
H17583RM	Brewer Switch
H17898RM	Bottom Brew Funnel
H18678RM	Cover & Guide Selection Panel
H19025RM	Cover Access
H19047RM	Drip Ring
H19114RM	Screw 8-32 x 3/8 Thumb KN BR NPL
H19290RM	Door - All Models
H19773RM	Cup Station Grill All Models
H20156RM	Circuit Breaker, 3 AMP
H202770RM	Shelf Divider Extension
H20290RM	Canister Extension - Commodity
H20311RM	Wheel for Commodity Cannister
H20344RM	Selector Button Rectangle Hollow - New Style
H20647RM	Canister Lid
H21449RM	Heater - Bolt On
H21684RM	Heater Gasket
H21801RM	Heater (Long)
H21899RM	Control Thermostat
H22262RM	Heat Gasket
H22308RM	Fill Tube
H22414RM	O-Ring
H22564RM	Chocolate Canister Assembly
H22568RM	Canister Assembly - Sugar Complete

Part Number	Description
H22631RM	Tube Assembly: Tea, Coffee, Water
H22737RM	Auger Motor - 180 RPM
H227RM	T-Handle Assembly
H22852RM	Heater Screw In
H22900RM	Commodity Trough 1 & 3 Position, Freeze Dried
H23027RM	Funnel, Whipper
H23296RM	Coin Return Bezel
H24400018RM	Brew Filter
H24496RM	Screw
H24655RM	Control Thermostat
H25961RM	Spout Canister, No Louvers
H26600004RM	Catch Cup
H266431RM	Spout Canister, Louvered
H26643RM	Spout Canister
H2670000301RM	Whipper 24V
H26700005RM	Brew Motor LG 24V
H26700044RM	Brewer Valve, 223
H27034RM	Power Relay
H27435RM	Whipper Seal Inner Housing
H275000041RM	Filter Kit 12oz Fixed
H27786RM	Commodity Red Valve Body
H27787RM	Adaptor - Commodity Valve
H27788RM	Adjustment Screw - Commodity Valve with Seal
H27791RM	Screw Valve Mounting, (Minimum Order 4)
H27926RM	Brew Funnel Cover - 7/9 oz
H28020RM	Brew Filter Bracket - 7/9 oz
H28375RM	Thumper Solenoid
H28406RM	Brew Chamber without Seal Model 850/8050/211/211E/ 203/2000 Series
H28667RM	Valve Retainer Bracket
H28733RM	Brewer Valve Spout
H28814RM	Dump Valve Bracket
H28962RM	Selector Button Square for 8050
H29178RM	Grommet Brake Pad
H29372RM	Brew Chamber with Seal Model 850/8050/211/211E/ 203/2000 Series
H29481RM	Piston Assembly
H29482RM	Piston Seal
H30596RM	Red Solenoid Coil
H30598RM	Armature and Spring - Commodity Valve
H30728RM	Thermosink Copper
H30854RM	Brewer Valve Assembly for 203/211/211E/8050
H30860RM	Commodity Valve Assembly
H31187RM	Cutter, Rotary and Stationary
H32661RM	Specialty Canister Assembly
H32714RM	Brew Cylinder - 7/9oz
H32836RM	Label Set for 203
H32849RM	Switch Membrane for Model 203/213
H32864RM	O-Ring
H32865-2RM	Lower Horizontal Trim
H32911RM	Diaphragm
H33424RM	Clear Brewer Valve Body
H33475RM	Interlock Switch
H33524RM	Whipper Motor without Harness

RMI PARTS CONTINUED

Part Number	Description
H34091RM	Impellar
H34219RM	Commodity Chute, 6 Stack
H34365RM	Bezel with Ind. LED for Model 203/213
H34915RM	Switch Membrane 203 Dual Cup
H350751RM	Brew Filter 12oz
H35077RM	Brew Cylinder 12oz
H35081RM	Door Magnetic Sensor Cupwell
H35082RM	Filter Screen 12oz
H35087RM	Brew Chamber 12oz without Seal Model 203 DC
H35089RM	Brew Filter Bracket - 12oz
H351471RM	Brew Carriage Model 213 without Wiper
H351473RM	Brew Carriage Model 850/8050/200 Series/211/211E/203 without Wiper
H35147RM	Brew Carriage Model 203 DC without Wiper
H35178RM	Brewer Valve Spout
H35216RM	Brewer Valve Assembly for 203/203DC/213
H35267RM	Float
H35279RM	Hot Water Tank Probe
H35377RM	Float Rod
H35394RM	180 Degree Overtemp Thermostat
H35883RM	Retainer Clip Spout
H360146AP	Inlet Valve
H36038RM	Cup Drop Switch
H36520RM	Cup Ring Assembly Adjustable Seperator Assy
H36646RM	Cup Sold Out Switch
H367571RM	Filter Screen 12oz

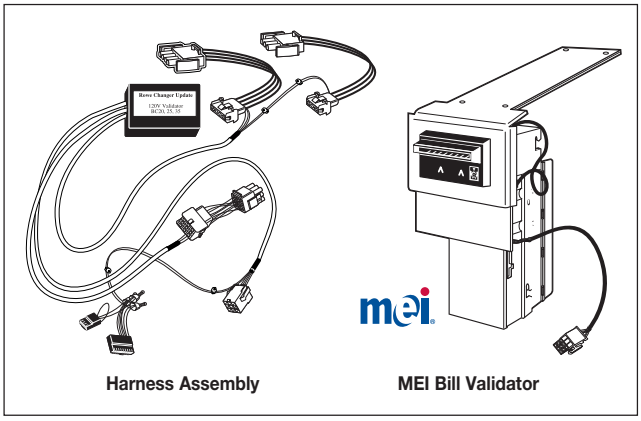
Part Number	Description
H36772RM	Brew Chamber 12oz without Seal Model 213
H367771RM	Funnel Assembly
H36870RM	Decal Graphics Overlay - Apollo for Model 203/213
H36875RM	Commodity Trough 3 Position, 2 Specialty Gourmet Coffee
H37046RM	Adjustable Cup Holder
H37101RM	Label Set
H371861RM	Pawl Brewer Left
H37186RM	Pawl Brewer Right
H37283RM	Brew Chamber 12oz with Seal Model 213
H37471RM	Pedestal Artwork for RMI 213
H37543RM	Exhaust Box Assembly Nest 3 Ho Le
H37667RM	Brew Carriage Model 203 DC with Wiper
H37756RM	Brewer Motor
H37780RM	Blower Motor Assembly with Brackets
H37854RM	Protective Overlay for Model 203/213
H38779RM	Cup in Well Sensor
H4402893AP	Coin Return Button for Model 203/213
H440289AP	Coin Return Button - Gray
H440296AP	Coin Return Bezel for Model 203/213
H440309AP	Coin Entrance for Model 203/213
H440310AP	Display Lens
H440311AP	Plastic Coin Drop
H440329RM	Cup Station Trim
H460361AP	Validator Overlay For 7000
H660488AP	Coin Cute Assembly



ROWE

BILL CHANGER UPGRADE KITS

- Upgrade your Ardac, Rowe, Hamilton and National Changetron to accept $1, $2, $5 or $1, $2, $5, $10, $20
- The MEI AE Series Validator used with these kits has a 700 bill upstacker
- MEI validators allow high acceptance of all bills
- Can be directly replaced with any MEI VN-2501, AE-2400 or AE-2600 Series validator
- Changer is still able to accept coins
- The complete kit replaces the transport and bill stacker with a 120VAC validator
- Wiring harness interfaces with the MEI AE and VN validators
- Takes about 30 minutes to install on location
- No cutting or drilling needed



Harness Assembly MEI Bill Validator

UPGRADE KITS WITH MEI AE SERIES VALIDATOR INCLUDED		
Part Number	**Description**	**Accepts**
42-7465-700	Rowe BC1	$1, $2, $5, $10, $20
42-7464-700	Rowe BC9	$1, $2, $5, $10, $20
42-7350-700	Rowe BC11	$1, $2, $5
42-8195-700	Rowe BC11	$1, $2, $5, $10, $20
42-7351-700	Rowe BC12	$1, $2, $5
42-8196-700	Rowe BC12	$1, $2, $5, $10, $20
42-7352-700	Rowe BC20/25/25MC	$1, $2, $5
42-8192-700	Rowe BC20/25/25MC	$1, $2, $5, $10, $20
42-8090-700	Rowe BC35	$1, $2, $5
42-8197-700	Rowe BC35	$1, $2, $5, $10, $20

UPGRADE KITS WITH MEI VN SERIES VALIDATOR INCLUDED		
Part Number	**Description**	**Accepts**
42-8090-500	Rowe BC35	$1, $2, $5

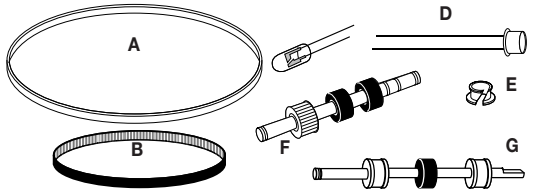


Rowe BC35 Bill Changer

UPGRADE KITS WITH MEI VALIDATOR SOLD SEPARATELY (NOTE: A VALIDATOR MUST BE USED WITH ALL KITS)				
Part Number	**Description**	**Accepts**	**Suggested MEI Validator**	**Suzo-Happ Part No. for Validator**
42-3464-00	Ardac A9000	$1, $2, $5	AE-2451-U7E	**42-2054-00**
42-3324-00	Hamilton	$1, $2, $5, $10, $20 with Hopper Dispenser	AE-2611-U7E	**42-7310-00**
42-3519-00	Hamilton	$1, $2, $5, $10, $20 with Tube Dispenser	AE-2611-U7E	**42-7310-00**
42-3348-00	National Changetron	$1, $2, $5, $10, $20 with 2 Payout Drums	AE-2611-U7E	**42-7310-00**
42-3520-00	National Changetron	$1, $2, $5, $10, $20 with 4 Payout Drums	AE-2611-U7E	**42-7310-00**
42-7465-00	Rowe BC1	$1, $2, $5, $10, $20	AE-2611-U7E	**42-7310-00**
42-7464-00	Rowe BC9	$1, $2, $5, $10, $20	AE-2611-U7E	**42-7310-00**
42-7350-00	Rowe BC11	$1, $2, $5	AE-2451-U7E	**42-2054-00**
42-8195-00	Rowe BC11	$1, $2, $5, $10, $20	AE-2611-U7E	**42-7310-00**
42-7351-00	Rowe BC12	$1, $2, $5	AE-2451-U7E	**42-2054-00**
42-8196-00	Rowe BC12	$1, $2, $5, $10, $20	AE-2611-U7E	**42-7310-00**
42-7352-00	Rowe BC20/25/25MC	$1, $2, $5	AE-2451-U7E	**42-2054-00**
42-8192-00	Rowe BC20/25/25MC	$1, $2, $5, $10, $20	AE-2611-U7E	**42-7310-00**
42-8090-00	Rowe BC35	$1, $2, $5	AE-2451-U7E	**42-2054-00**
42-8197-00	Rowe BC35	$1, $2, $5, $10, $20	AE-2611-U7E	**42-7310-00**
42-3346-00	Rowe BC100	$1, $2, $5, $10, $20	AE-2611-U7E	**42-7310-00**
42-3355-00	Rowe BC1200	$1, $2, $5	AE-2451-U7E	**42-2054-00**
42-3503-00	Rowe BC1200	$1, $2, $5, $10, $20	AE-2611-U7E	**42-7310-00**
42-8188-00	Rowe BC3500	$1, $2, $5, $10, $20	AE-2611-U7E	**42-7310-00**
42-3347-00	Rowe SBC2/4	$1, $2, $5, $10, $20	AE-2611-U7E	**42-7310-00**

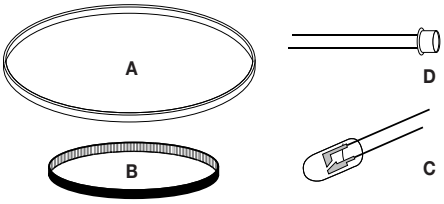
ROWE

MODEL BA-50 DELUXE REBUILDING KIT



KEY	Part Number	Description
-	**27-1204-00**	Model BA-50 Deluxe Rebuilding Kit
A	**H35114901R**	Upper Belt, Drive (2)
B	**H35082005R**	Timing Belt (2)
C	**H70035314R**	LED Lamp
D	**H25236302R**	Photoconductive Cell (2)
E	**H70146004R**	Bearing Nyliner (4)
F	**H35114501R**	Shaft & Pulley, (Front Roller)
G	**H35113601R**	Drive Shaft Assembly, (Lower Roller)

MODEL BA-50 STANDARD REBUILDING KIT



KEY	Part Number	Description
-	**27-1205-00**	Model BA-50 Standard Rebuilding Kit
A	**H35114901R**	Upper Belt, Drive (2)
B	**H35082005R**	Timing Belt (2)
C	**H70035314R**	LED Lamp, Green
D	**H25236302R**	Photoconductive Cell (2)

35 WATT CONDENSOR FAN MOTOR

- For 448/448E/448E2 Machines



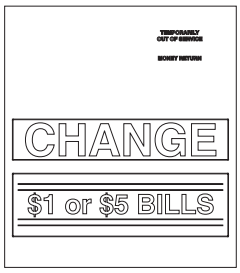
Part Number	Description
H4481228R	35 Watt Condensor Fan Motor

$1 OR $5 CHANGE DECAL



Part Number	Description
H35074329R	"$1 or $5 BILLS" Change Decal

OVERLAYS FOR ROWE BILL CHANGERS



A



B



C



D

KEY	Part Number	Description
A	**H170R**	BC11/12 "$1 or $5 BILLS" White on Clear Overlay
B	**H167R**	BC12 "CHANGE $1 or $5 BILLS" Instruction Decal
C	**27-1324-00**	BC1200 "TOKENS" Decal
D	**H35074329R**	"change $1 or $5 Bills" Decal
-	**49-0474-00**	Black Pica Vinyl, Sold Per Foot (For use with A&E Overlays)

9 WATT CONDENSOR MOTOR



Part Number	Description
27-1001-00	9 Watt Condensor Motor

HOPPER MOTOR



Part Number	Description
H35049102R	Hopper Motor

HOPPER BRUSH



Part Number	Description
H27023902R	Hopper Brush

DOOR BLOWER MOTOR

- For ROWE 448/548/648 Cold Food Machine



Part Number	Description
H4484544R	Door Blower Motor

COIN AGITATOR



Part Number	Description
H45034205R	Coin Agitator

EVAPORATOR MOTOR

- For 448/448E/448E2 Machines



Part Number	Description
H4481832R	Evaporator Motor

BEVELED AGITATOR



Part Number	Description
H45034204R	Beveled Agitator

548 TRANSPORT MOTOR



Part Number	Description
H5481815R	548 Transport Motor

MAGNETIC HEAD



Part Number	Description
H25076002R	Magnetic Head

HEAD HARNESS AND HOLDER ASSEMBLY

- For OBA Old Ref. No. 4-50598-01



Part Number	Description
H45059803R	Head Harness and Holder Assembly

DELUXE QUICK CHANGE LAMP ASSEMBLY



Part Number	Description
H25166801-1R	Deluxe Quick Change Lamp Assembly

ROWE 447 SHELF LINERS

A 

B 

KEY	Part Number	Description
A	H447CLRR	Can & Fruit Holder - Red
A	H447CLWR	Can & Fruit Holder - White
A	H447CLBR	Can & Fruit Holder - Blue
B	H447PLWR	Pocket Liner - White

ROWE 448 SHELF LINERS

A 

B 

C 

D 

E 

KEY	Part Number	Description
A	H448PLRR	Platter Liner - Red
A	H448PLWR	Platter Liner - White
A	H448PLBR	Platter Liner - Blue
A	H448PLBKR	Platter Liner - Black
B	H448TLWR	Top Liner - White
C	H448BLWR	Bottom Liner - White
D	H448LLRR	Left Liner - Red
D	H448LLWR	Left Liner - White
D	H448LLBR	Left Liner - Blue
D	H448LLBKR	Left Liner - Black
E	H448RLRR	Right Liner - Red
E	H448RLWR	Right Liner - White
E	H448RLBR	Right Liner - Blue
E	H448RLBKR	Right Liner - Black

SOCKET



Part Number	Description
5481840	Socket

DELIVERY DOOR

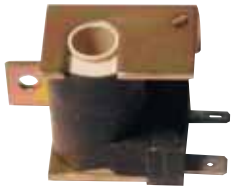


- For 448/448E/448E2/548/648 Machines

Part Number	Description
H4481427R	4" Delivery Door
H4481428R	5" Delivery Door

DOOR LATCH SOLENOID

- For 548/648 Food Machines



Part Number	Description
H5481857R	Door Latch Solenoid

DELIVERY DOOR SWITCH

- Rowe Ref. No. H4481819R
- For 448 Machine



Part Number	Description
95-0733-90	Delivery Door Switch

INTERLOCK SWITCH

- Ref. No. 448-12837
- For 448/448E Machines



Part Number	Description
95-0407-00	Interlock Switch

MOMENTARY SWITCH



Part Number	Description
27-1048-00	Momentary Switch

COLD CONTROL

- For 448/448E Machines



Part Number	Description
H4481829R	Cold Control

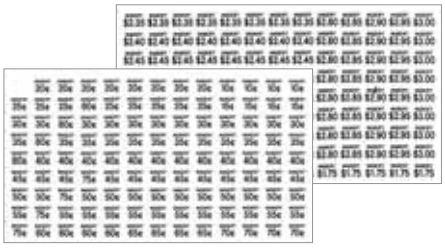
HARNESS P2 TO MESSAGE CENTER



Part Number	Description
H5481819R	Harness P2 to Message Center

PRICE INSERTS

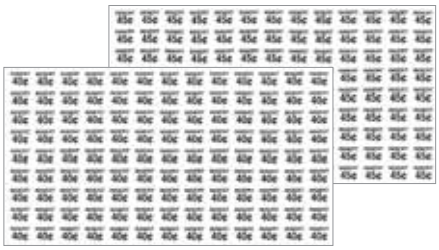
- For 4900 Snack



Part Number	Description
27-1576-00	Price Inserts for 4900 Snack

PRICE INSERTS

- For Rowe 490/4900 Snack Machines



Part Number	Description
27-1276-00	40¢ / 45¢
27-1277-00	50¢ / 55¢
27-1278-00	60¢ / 65¢
27-1279-00	70¢ / 75¢
27-1280-00	80¢ / 85¢

ROWE REPLACEMENT PARTS

Part Number	Description
25175702	Rowe Photo Detector W/Terminal
25193301	Roller Crowned
25193605	Roller Creasing (W/Cplg), Ba50 Rowe
25193902	Idler Roller Input
25235001	Shaft Roller Ba50
25236302	Photoconductive Cell
25238902	Roller Output
27-1001-00	9 Watt Condensor Motor
27-1048-00	Momentary Switch
27-1204-00	Model BA-50 Deluxe Rebuilding Kit
27-1205-00	Model BA-50 standard Rebuilding Kit
27-1278-00	Price Insert 60¢ / 65¢
27-1279-00	Price Insert 70¢ / 75¢
27-1280-00	Price Insert 80¢ / 85¢
27-1324-00	BC1200 "Tokens" Decal
27-1576-00	Price Inserts for 4900 Snack machine
27050001	Update 2008 $5 Bill Eprom
28202102	Credit Module
28216601	Delivery Door Assembly 4" for 748 Machines
35080101	Pulley Drum
35080305	Roller Take-Up (Ba50)
35082004	Timing Belt Cba 1
35082007	Timing Belt Ba 50 210 Teeth Rowe
35083004	Lower Track
35113601	Rowe Shaft Assembly Drive
35114501	Rowe Shaft & Pulley
35114901	Belt Upper Drive Ba50 Rowe
35118601	Belt Clear Rowe Bill Transport Oba2
35118801	Harness Bc 3500
35143902	Decal $1 or $5 For C2
4081316	Leg Asembly Cabinet Rowe 448 548 648 With Leveler
40915501	Bracket Adapter Bezel MEI
42-3324-00	Hamilton Upgrade Kit without Validator
42-3346-00	BC100 Upgrade Kit without Validator
42-3347-00	SBC2/4 Upgrade Kit without Validator
42-3348-00	National Changertron Upgrade Kit without Validator
42-3355-00	BC1200 Upgrade Kit without Validator
42-3464-00	Ardac A9000 Upgrade Kit without Validator
42-3503-00	BC1200 Upgrade Kit without Validator
42-3519-00	Hamilton Upgrade Kit without Validator
42-3520-00	National Changertron Upgrade Kit without Validator
42-3676-00	Conversion Kit-Rowe 4900 CBA2 To MEI VN2501
42-7350-00	BC11 Upgrade Kit without Validator
42-7350-700	BC11 Upgrade Kit with Validator
42-7351-00	BC12 Upgrade Kit without Validator
42-7351-700	BC12 Upgrade Kit with Validator
42-7352-00	BC20/25/25MC Upgrade Kit without Validator
42-7352-700	BC20/25/25MC Upgrade Kit with Validator
42-7464-00	BC9 Upgrade Kit without Validator
42-7464-700	BC9 Upgrade Kit with Validator
42-7465-00	BC1 Upgrade Kit without Validator
42-7465-700	BC1 Upgrade Kit with Validator
42-8090-00	BC35 Upgrade Kit without Validator
42-8090-500	BC35 Upgrade Kit with Validator

ROWE REPLACEMENT PARTS

Part Number	Description
42-8090-700	BC35 Upgrade Kit with Validator
42-8188-00	BC3500 Upgrade Kit without Validator
42-8192-00	BC20/25/25MC Upgrade Kit without Validator
42-8192-700	BC20/25/25MC Upgrade Kit with Validator
42-8195-00	BC11 Upgrade Kit without Validator
42-8195-700	BC11 Upgrade Kit with Validator
42-8196-00	BC12 Upgrade Kit without Validator
440391	Can Dispenser (Door)
44800061	Cam Follower Rowe 448 Cold Food
44800087	Cam Motor Switch Actuator Rowe
44812806	Latch Link Rivet Assembly
4481309246	Top Pivot Plate Brown Rowe 448
4481856	Light Socket Assembly Rowe 448
4482241	Lever Lift Refrigeration Unit
4482249	Roller Bushing
4482819	Spring-Interlock Switch
4482917	Insulation Right Side Intake
4482918	Insulation Back Intake
4482925	Insulation Left Side
448693	Delivery Door Runner
45034205	Coin Agitator F/Rowe Bill Changers
45057621	Harness-Interconnect Oba 4
45058205	Harness & Board
45073101	Rowe Head & Holder Asm
45076101	Rowe Led Holder Assy For Bc3500
45076402	Interconnect Board
45106901	Cba-Low Coin Sensor
45107403	Decal C2 Changer Front Door
45108204	Harness Assembly Nsbc Ba Power
48500407	Plate with Interlock Switch Rowe Snack
4901725A	Motor Vend 499/4900
49042	Bushing Shelf Roller
49-0474-00	Black Pica Vinyl, Sold Per Foot
490F	Price Sheet $.85 Thru $1.00
490G	Price Sheet $1.05 Thru $1.50
493408	Glass 4900/5900
52621286	Interlock Switch
5481513	Harness Assembly
5481523A	Blower Door Assembly 448/548/648
5481816	Zero Position Switch
5481825	Harness Ucb To C/M Socket
5481840	Socket
5481847	Service Switch
5481855	Motor Blower Evaporator
548534	Bezel Coin Insert Plastic
583404	Bezel Digital Display & Keypad
5900E	Price Sheet $.75 / $.80
5900G	Price Sheet $1.05 Thru $1.50
5930616	Hub,Dual Helix-Drive Gear Rowe Snack
5931833	Harness MEI On Rowe 5900
5931847	Motor Vend
593730	Spring Gum And Mint Pusher 5900
65067101	Track Lower Rowe Ba50
65067601	Bill Inlet Lower Ba 50

Part Number	Description
660517	Bezel Selector Assembly Gray
70035314	Led Visible Green Diode Rowe Changer
70035315	Red Led Coin Detector
70146003	Bearing-Nyliner
70146004	Bearing Nyliner
79920331	Resistor 330 Ohm 2W Wirewound
95-0407-00	Interlock Switch
95MXL	Large Drive Belt for HSV 300
B0031946	Belt Timing For Cba2 Rowe
B0031956	Rowe Original Drive Belt For Cba2
H0031946R	Timing Belt
H0031956R	Timing Belt
H01040764301R	Select Pushbutton Assy Switch
H167R	BC12 $1 or $5 Instruction Decal
H170R	BC11/12 $1 or $5 White on Clear Overlay
H1715R	BC11/12 $1 or $5 Overlay, Black
H20251757R	Photo Detector and Terminal Assembly
H2490RM	Valve Drain Water Tank Rmi 203 /213
H25076002R	Magnetic Head
H25166801-1R	Deluxe Quick Change Lamp Assembly
H25175701R	Photodetector Board
H25192902R	Timing Pulley, 22 Tooth
H25236302R	Photoconductive Cell
H25244101R	Upper Shaft & Pulley
H27023902R	Hopper Brush
H35049102R	Hopper Motor
H35074329R	$1 or $5 Change Decal
H35074329R	$1 or $5 Change Decal
H35080604R	Pressure Roller Assembly Ba50
H35080801R	Drive Shaft Assembly
H35082005R	Timing Belt
H35099404R	Track & Pressure
H35113601R	Drive Shaft Assembly, (Lower Roller)
H35114501R	Shaft & Pulley, (Front Roller)
H35114901R	Upper Belt, Drive
H35114901R	Upper Belt, Drive
H35118901R	Legend
H4081904R	Flavor & Price Selection Label Kit
H4214503R	Transport Motor Switch, Half Cycle
H447CLBR	Shelf Liners
H447CLRR	Shelf Liners
H447CLWR	Shelf Liners
H447PLWR	Shelf Liners
H4481228R	35 Watt Condensor Fan Motor
H4481243R	Compressor Support Valve
H44812848R	Switch Line Interupt
H4481417R	Door Latch Assembly
H4481427R	Delivery Door - 4"
H4481428R	Delivery Door - 5"
H448142-KIT1	Delivery Door & Runner Kit
H448142-KIT2	Delivery Door & Runner Kit
H4481561R	Delivery Door Switch
H4481829R	Cold Control
H4481832R	Evaporator Motor

ROWE REPLACEMENT PARTS

Part Number	Description
H4481867R	Lock Bar Switch
H4481873R	Zero Position Switch
H4482246R	Tray Drip
H448492R	Door Stop
H448513R	Door Spring
H448625R	Red LED Lens
H448856R	Air Filter, Blower & Heater Assy, Foam
H448BLWR	Shelf Liner
H448LLBKR	Shelf Liner
H448LLBR	Shelf Liner
H448LLRR	Shelf Liner
H448LLWR	Shelf Liner
H448PLBKR	Shelf Liner
H448PLBR	Shelf Liner
H448PLRR	Shelf Liner
H448PLWR	Shelf Liner
H448RLBKR	Shelf Liner
H448RLBR	Shelf Liner
H448RLRR	Shelf Liner
H448RLWR	Shelf Liner
H448TLWR	Shelf Liner
H45034204R	Beveled Agitator

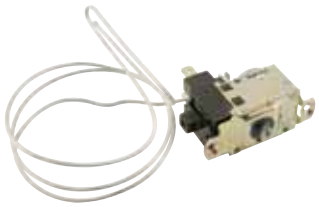
Part Number	Description
H45034205R	Coin Agitator - Gray
H45058408R	Rowe Motor Asm-Ba 50 12V Dc
H45059803R	Head Harness and Holder Assembly
H45073101R	Head & Holder Assembly
H45076101R	PCB Assembly, LED Holder
H5481806R	Pcb Assy, Price Display Assy Bottom
H5481815R	Blower Motor Assembly
H5481817R	Delivery Door Switch
H5481819R	Harness P2 To Message Center 548
H5481841R	548/648 Switch & Bracket Switch Assembly for Delivery Door
H5481854R	Lock Bar Solenoid & Diode Assy
H5481857R	Door Latch Solenoid
H70035314R	LED Lamp
H70146004R	Bearing Nyliner
H70146006R	Nyliner Bearing
H70146021R	Nyliner Bearing
H70703904R	Switch,Spst 6A Mini-Rockr
H907926R	Door Open Label
H91200049R	20 Amp Circuit Breaker
H9388001R	Relay Refrigeration Rowe 548/648
H983101S	Trim Verticle L & R Silver Snap On



ROYAL VENDORS

TEMPERATURE CONTROL

- For all Vendors



Part Number	Description
H822001001RY	Temperature Control

8" FAN BLADE

- For Merlin IV and Coke Machines



Part Number	Description
H810045RY	8" Fan Blade

PEPSI / COLD DRINK SELECT BUTTON

- For Merlin Machines except Display Machines



Part Number	Description
H815025RY	Pepsi / Cold Drink Selecpt Button

FAN BLADE FOR EVAPORATOR

- For 6 Watt Fan Motor



Part Number	Description
H810004RY	Fan Blade for Evaporator

CONDESATE PAN

- For all machines



Part Number	Description
H815368RY	Condesate Pan

DOOR SWITCH

- Run #1521 & After



Part Number	Description
H835019RV	Door Switch

SPONGE

- For all machines



Part Number	Description
H815037RY	Sponge

SELECTION BUTTON

- 1" x 2"
- Royal Vendors Ref. No. 890001



Part Number	Description
H890001DN	Selection Button

ANTI-FRICTION SHEET

Part Number	Description
H915197RY	Anti-Friction Sheet

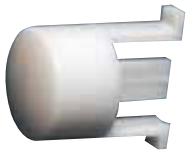
SOLD OUT LAMP



Part Number	Description
91-1160-00	Sold Out Lamp

COKE SELECT BUTTON

- For Coke Machines



Part Number	Description
H815165RV	Coke Select Button

LED ASSEMBLY

- For All Electronic Vendors



Part Number	Description
H010593RY	LED Assembly

SELECT SWITCH BUTTON

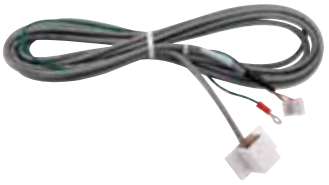
- For all cold drink machines except live display machines



Part Number	Description
H835012RY	Select Switch Button

TEMPERATURE SENSOR

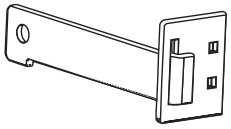
- For Merlin Machines with Electronic Refrigeration



Part Number	Description
H822030RY	Temperature Sensor

LOCK COVER

- Ref. No. 141110
- Used on Vandal Resistant Coke machines (post serial #1207) and Merlin IV machines
- Black powder coat finish



Part Number	Description
30-0190-00	Lock Cover

DROP SENSOR 11" LANDSCAPE

- For All Merlin Vendors (2000, III, IV)



Part Number	Description
H836004RY	Drop Sensor 11" Landscape

ROYAL VENDORS REPLACEMENT PARTS & ACCESSORIES

Part Number	Description
058715	Shim Double Column Side-3 Deep
142507	Coke Trim Royal 552
210400	Evaporator Fan Assembly
256420	Refrigeration System 650 Merlin Iv
257142	72In Anti Bridging Kit Royal Pop
508044	Coke Select Button H815165RV Packed 1000 Per Box
820002	Evaporator, Royal Soda
836101	Control Board Merlin 4 Coinco
915222	Bearing Rotor Rear Merlin 4
H010593RY	LED Assembly
H095180RY	Ballast Filter Kit
H210400RY	Evaporator Fan Motor Assembly
H810004RY	Fan Blade for Evaporator
H810045RY	8" Fan Blade
H815025RY	Pepsi/Cold Drink Select Button
H815037RY	Sponge

Part Number	Description
H815165RV	Coke Select Button
H815368RY	Condensate Pan
H822030RY	Temperature Sensor
H833003RY	Merlin 2000 Manual
H833020RY	Merlin IV Mini Manual
H833021RY	Merlin IV Manual
H833032RY	EZ Reference Card
H835003RV	Royal Door Switch-Old Style
H835012RY	Select Switch Button
H835019RV	Door Switch
H836004RY	Drop Sensor 11" Landscape
H836052RY	Control Board Version 5.11
H836065RY	Refrigeration Relay
H839031RY	Vend Motor
H915197RY	Anti-Friction Sheet
H916010RY	Nylyner, 1/2"

VENDO

COLD CONTROL



Part Number	Description
H34324V	Cold Control

COLD CONTROL



Part Number	Description
H368794V	Cold Control

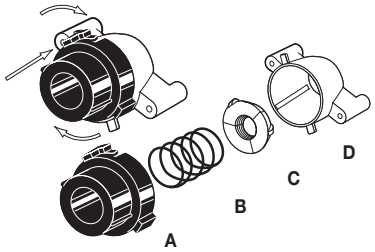
SELECTOR BUTTON

- 3-1/4" x 1-3/8"



Part Number	Description
H388246V	Selector Button

SLAM NUT ASSEMBLY





KEY	Part Number	Description
-	30-0120-00	Complete Assembly
A	H389689V	Heavy Duty Cap
B	H389690V	Heavy Duty Spring
C	H1033085V	Triple Nut Segment
D	H389022V	Retainer Nut

CLIPS


White


Black


Grey

Part Number	Description
H1066104V	White Clip
H1066112V	Black Clip
H1066112-1V	Grey Clip



BEV-AIR TEMPERATURE CONTROL

- Ref. No. 502290B
- Replaces Ref. No. 502125



Part Number	Description
27-1389-00	Temperature Control for Bev-Air

CAVALIER COLD CONTROL

- Includes knob
- Ref. No. C-4-3186



Part Number	Description
HC43186C	Cold Control for Cavalier machines

DIXIE NARCO TEMPERATURE CONTROL KIT

- New GE style control for DN501E/600E machines
- Includes:
  Temperature Control
  (Part No. H80280058011DN)
  Adapter Harness
  (Part No. H80491619001DN)
- Replaces Ref. No. 802,800,500
- Ref. No. 609,012,200.03



Part Number	Description
H60901220003DN	Dixie Narco Temperature Control Kit
H80280058011DN	Replacement Temperature Control Only
H80491619001DN	Replacement Adapter Harness Only

DIXIE NARCO TEMPERATURE CONTROL KIT

- New GE Style control
- Replaces
  Ref. No. 802, 800, 480.21
- Ref. No. 572, 012, 200.04
- Includes:
  TemperatureControl
  (Part No. H80280059021DN)
  Adapter Harness
  (Part No. H80491619001DN)



Part Number	Description
H57201220004DN	Dixie Narco Temperature Control Kit
H80280059021DN	Replacement Temperature Control Only
H80491619001DN	Dixie Narco Adapter Harness Only

DIXIE NARCO COLD CONTROL

- Includes knob
- Ref. No. 802,800,090.31



Part Number	Description
H80280009031DN	Cold Control for Dixie Narco Machines

ROWE 448 COLD CONTROL

- Includes knob
- For use on Rowe 448,
  448E, 448E2 machines
- Ref. No. 448-1829



Part Number	Description
H4481829R	Cold Control for Rowe 448 Machines

ROYAL VENDORS TEMPERATURE CONTROL

- Ref. No. 822001001



Part Number	Description
H822001001RY	Royal Vendors Temperature Control

TRUE COOLER COLD CONTROL

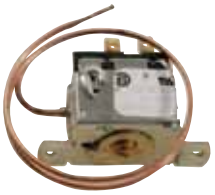
- Includes knob
- Ref. No. 250B/400456



Part Number	Description
H800306T	Cold Control for True Cooler Machines

VENDO TEMPERATURE CONTROL

- With straight probe
- Ref. No. 368794



Part Number	Description
H368794V	Vendo Temperature Control

VENDINGMISER



- Let VendingMiser put you on a cost-effective refresher course for energy savings and conservation
- No need to purchase new machines to reduce operating costs and greenhouse gas emissions
- When equipped with the VendingMiser, refrigerated vending machines use less energy and are comparable in daily energy performance to new ENERGY STAR QUALIFIED MACHINES

VendingMiser cuts energy down to size

- Incorporates innovative energy-saving technology into a small plug-and-play device
- Installs in minutes, either on the wall or on the vending machine

VendingMiser brings you

- A quick, inexpensive solution for immediate energy savings and conservation
- Longer machine lifespan
- Early return on investment
- Environmental benefits
- Compatibility with all types of cold drink vending machines

VendingMiser uses a Passive Infrared Sensor to

- Power down the machine when the surrounding area is vacant
- Monitor the room's temperature
- Automatically repower the cooling system at one-to three-hour intervals, independent of sales
- Ensure the product stays cold (not recommended for machines with perishable items)

Miserly savings

- Maintenance savings is generated through reduced running of time of vendor components, estimated at $40-$80 per year, per machine
- Energy consumption is reduced an average of 46%- typically $150 per machine annually
- Over 40 utilities nationwide offer rebates for EnergyMiser products

VendingMiser VM170 Indoor EZ Mount Z-Bracket Occupancy Sensor

- Uses PIR (Passive Infra-Red) Occupancy Sensor
- Includes EZ Mount Z-bracket for indoor use
- Attaches directly to a vending machine with industrial strength Velcro
- Installs quickly and allows VendingMiser to move with the machine
- Use in locations where machine placements are subject to change or if wall mounting is not desired
- Parts Included: VM170 assembled and ready for installation

VendingMiser VM150 Indoor Wall Mount with Occupancy Sensor

- Uses PIR (Passive Infra-Red) Occupancy Sensor
- Wall mounted for indoor use
- Use in locations where vending machine placements are not subject to change
- Separate sensor assembly provides flexibility in placement to achieve best occupancy detection
- Parts Included: 1 VendingMiser Controller, 1 Wall Mounting Plate, 1 Indoor Occupancy sensor with mounting bracket

Part Number	Description
49-6904-00	VendingMiser VM170
49-7141-00	VendingMiser VM150

SNACKMISER



- SnackMiser puts the power of savings into your environment
- With SnackMiser you can achieve maximum energy savings that result in reduced operating costs and decreased greenhouse gas emissions with your existing machines

SnackMiser offers

- A quick, inexpensive solution for energy savings
- Environment benefits
- Early return on investment
- Longer machine lifespan
- Compatibility with non-refrigerated snack vending machines
- Incorporates innovative, energy-saving technology into a small, plug and play device
- Installs in minutes

A practical approach to power

- Uses a Passive Infrared Sensor (PIR) to determine if there is anyone within 25 feet of the machine
- Waits for 15 minutes of vacancy, then powers down the machine
- If a customer approaches the machine while powered down, SnackMiser will sense their presence and immediately power up

Energize your savings and conservation

- On average, SnackMiser reduces energy consumption annually per machine by $50
- Reduces CO2 emissions by 470lbs. and 770 grams of NOx.*

*Based on occupancy and the Energy Information Administration's national average of greenhouse gas emissions and electricity generation.

SnackMiser SM170 Indoor EZ Mount Z-Bracket with Occupancy Sensor

- Uses PIR (Passive Infra-Red) Occupancy Sensor
- Includes EZ Mount Z-bracket for indoor use
- Attaches directly to a vending machine with industrial strength Velcro
- Installs quickly and allows SnackMiser to move with the machine
- Use in locations where snack machine placements are subject to change or if wall mounting is not desired
- Parts Included: SM170 assembled and ready for installation

SnackMiser SM150 Indoor Wall Mount with Occupancy Sensor

- Uses with PIR (Passive Infra-Red) Occupancy Sensor
- Wall mounted for indoor use
- Use on non-refrigerated snack machines in locations where snack machine placements are not subject to change
- Separate sensor assembly provides flexibility in placement to achieve best occupancy detection
- Parts Included: 1 SnackMiser Controller, 1 Wall Mounting Plate, 1 Indoor Occupancy sensor with mounting bracket

Part Number	Description
49-7261-00	SnackMiser SM170
49-7382-00	SnackMiser SM150

PLUGMISER

- Keeps your electronic equipment powered off when not needed
- Can prolong its lifespan
- Can save as much as $120 in energy costs per office per year



PlugMiser turns off idle equipment

- Saves energy on all types of plug loads including arcade games, computer monitors, task lights, radios, copiers, personal printers, space heaters, and more
- Invisible to the user
- Installs in minutes with a universal mount

It's a quick, inexpensive solution to energy savings that results in

- Early return on investment
- Environmental benefits
- Longer machine lifespan

PlugMiser's practical approach to power

- Uses its own custom Passive Infrared Sensor (PIR) to power down electrical equipment when not in use
- Its 1,230 Watt capacity ensures that a large assortment of loads can be safely controlled
- When someone comes within a range of the equipment, PlugMiser powers up it back up

Energize your savings and conservation

- One PlugMiser reduces greenhouse gas emissions by 1,200 lbs. of Co2 and 2,050 grams pf NOx each year.*

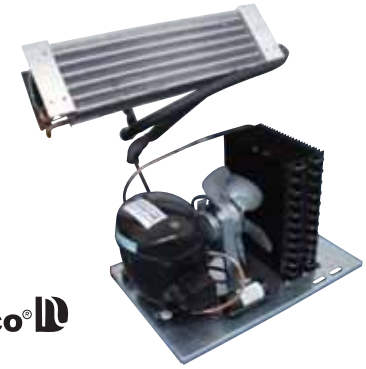
  *Based on occupancy and the Energy Information Administration's national average of greenhouse gas emissions and electricity generation.

PlugMiser PM150 Indoor Wall Mount with Occupancy Sensor

- Uses with PIR (Passive Infra-Red) Occupancy Sensor
- Wall mounted for indoor use
- Use on multiple plug loads, up to 1200 Watts
- Parts Included: 1 PlugMiser Controller, 1 Wall Mounting Plate, 1 Indoor Occupancy sensor with mounting bracket

Part Number	Description
49-7504-00	PlugMiser PM150

REFRIGERATION ASSEMBLIES FOR DIXIE NARCO MACHINES



Dixie-Narco®

Part Number	Description
H60904350004DN	276E/489 non-Coke/501E/501T non-Coke 522T non-Coke/600E/630L/DMV 72N/DMV 72W

35-WATT CONDENSER FAN MOTOR

- For 448/448E/448E2 Machines
- Ref. No. 448-1228



Part Number	Description
H4481228R	35-Watt Condenser Fan Motor

CONDENSER FAN MOTORS

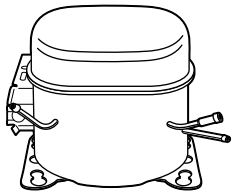
- Cast Iron or aluminum
- UL/CSA listed



Part Number	Description
27-1184-00	4 Watt Cast Iron
27-1009-00	6 Watt Cast Iron
27-1248-10	9 Watt Aluminum, Clockwise
27-1001-00	9 Watt Cast Iron, Clockwise
27-1249-110	16 Watt, Cast Iron, Clockwise, 110V

COMPRESSORS

- Suzo-Happ is now an authorized Aspera / Embraco distributor
- We inventory a full line of 1/3 and 1/2 horsepower compressors



Embraco

Part Number	Description
27-1377-00	Embraco 1/3 HP, Normal Torque, R12, without Capacitor
27-1371-00	Embraco 1/3 HP, High Torque, R134, with Capacitor

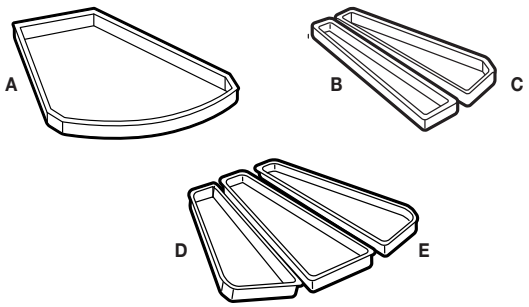
MOMENTARY CONTACT SWITCH

- Includes washer and nut
- SPST



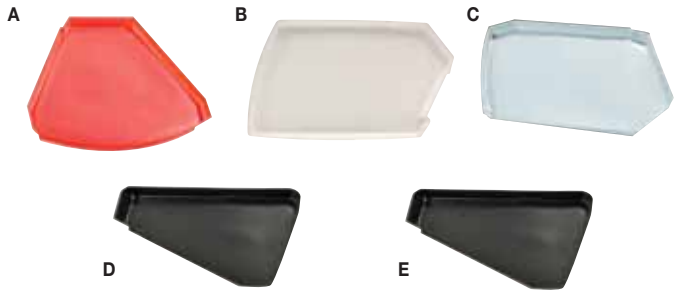
Part Number	Description
95-0011-00	Momentary Contact Switch

NATIONAL SHOPPERTRON SHELF LINERS



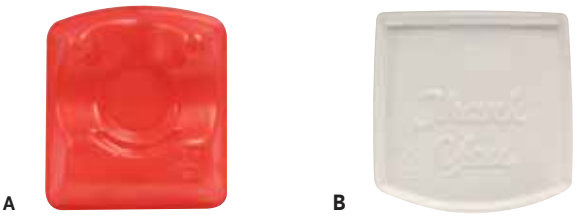
KEY	Part Number	Description
A	**HPRN**	Platter - Red
A	**HPBN**	Platter - Blue
B	**H1/2LRNS**	Left 1/2 - Red
B	**H1/2LWNS**	Left 1/2 - White
B	**H1/2LBNS**	Left 1/2 - Blue
B	**H1/2LBKNS**	Left 1/2 - Black
C	**H1/2RRNS**	Right 1/2 - Red
C	**H1/2RWNS**	Right 1/2 - White
C	**H1/2RBKNS**	Right 1/2 - Black
D	**H1/3LRNS**	Left 1/3 - Red
D	**H1/3LBKNS**	Left 1/3 - Black
E	**H1/3RRNS**	Right 1/3 - Red
E	**H1/3RWNS**	Right 1/3 - White
E	**H1/3RBNS**	Right 1/3 - Blue

ROWE 448 SHELF LINERS



KEY	Part Number	Description
A	**H448PLRR**	Platter Liner - Red
A	**H448PLWR**	Platter Liner - White
A	**H448PLBR**	Platter Liner - Blue
A	**H448PLBKR**	Platter Liner - Black
B	**H448TLWR**	Top Liner - White
C	**H448BLWR**	Bottom Liner - White
D	**H448LLRR**	Left Liner - Red
D	**H448LLWR**	Left Liner - White
D	**H448LLBR**	Left Liner - Blue
D	**H448LLBKR**	Left Liner - Black
E	**H448RLRR**	Right Liner - Red
E	**H448RLWR**	Right Liner - White
E	**H448RLBR**	Right Liner - Blue
E	**H448RLBKR**	Right Liner - Black

ROWE 447 SHELF LINERS



KEY	Part Number	Description
A	**H447CLRR**	Can & Fruit Holder - Red
A	**H447CLWR**	Can & Fruit Holder - White
A	**H447CLBR**	Can & Fruit Holder - Blue
B	**H447PLWR**	Pocket Liner - White

URN CLEANER

- Eliminates stale odors and bad taste from coffee
- Great for metal and glass fixtures (Not recommended for aluminum)
- Easy to use 1 oz. package
- Minimum order 10



Part Number	Description
29-1160-00	Coffee Urn Cleaner

SCALE CLEAN BY EVERPURE®

- Used in coffee urns on all types of vending machines
- All natural, biodegradable, non-toxic/corrosive & environmentally safe
- Delimes
- Safe, organic formula eliminates scale without foul fumes
- Safe on contact with skin



EVERPURE®

Part Number	Description
29-1049-00	1.75 oz. Package, 12 per case
29-1061-00	2.2 lb. Bag, 4 per case

HYDRO LIFE WATER FILTER



- Hydro Life C1344 replacement water filter works on either hot or cold applications
- Removes or reduces chlorine, hydrogen sulfide, rotten egg smell, bad taste and odor
- In hot water applications, he unique media in Hydro Life water filter reduces lime and scale build up by altering the crystalline structure, taking away it's ability to cling, causing it to pass harmlessly on through the system, reducing maintenance costs
- In cold water applications, Hydro Life water filter controls bacteria growth, slime, yeast and mold
- The Hydro Life water filter media is U.S. EPA recognized as a bacteriostatic product, controlling bacteria build up in water lines. Bacteria is the cause of waterline contamination, turning black on the inside and altering the taste of the drink
- Independent lab tests have shown up to 90% lower bacteria levels using the Hydro Life water filter vs. most carbon only filters. Carbon is an organic medium, providing the environment and nutrients necessary for rapid bacteria growth
- Hydro Life water filter reduces chlorine in water by as much as 99%, based on Hydro Life's recommended schedule of changing the filter every 6 months or 2000 gallons
- The Hydro Life Adapter Kit easily fits directly into an Everpure head for equipment already in use. The Adapter Kit consists of 1 adapter head, 1 cartridge and 1 cartridge housing
- 6 cartridges per case

Part Number	Description
27-1327-00	C1344 Replacement Water Filter

CUNO CS-14 WATER FILTER



- For OCS/Vending hot cup applications
- Retrofit cartridge for competitive systems
- Does not require activation
- 1-micron sediment reduction
- Chlorine taste and odor
- Scale inhibition
- Capacity: 2,500 gallons or 333 cups per day
- Packed 12 per case

Part Number	Description
27-0150-00	Cuno CS-14 Water Filter

CUNO CS-24 WATER FILTER



- For OCS/Vending hot cup applications
- Retrofit cartridge for competitive systems
- Does not require activation
- 0.5-micron sediment reduction
- Chlorine taste and odor; Scale inhibition
- Cyst reduction
- Capacity: 2,000 gallons or 266 cups per day
- Packed 12 per case

Part Number	Description
27-0149-00	Cuno CS-24 Water Filter

EVERPURE® 4H FILTER



- For hot water applications
- Features metering scale inhibitor feed
- Phosphate scale inhibition
- 1/2-micron precoat filter rated for chlorine taste and odor, particulate, asbestos and cyst reduction
- NSF submicron turbidity reduction
- Capacity: 1,500 gallons
- Packed 6 per case

Part Number	Description
27-1010-00	Everpure® 4H Filter

EVERPURE® 4C FILTER



- For cold water applications
- 1/2-micron precoat filter rated for chlorine taste and odor, particulate, asbestos and cyst reduction
- NSF submicron turbidity reduction
- Capacity: 3,000 gallons
- Packed 6 per case

Part Number	Description
27-1011-00	Everpure® 4C Filter

EVERPURE® OCS FILTER



- 1/2-micron precoat filter rated for chlorine taste and odor, particulate, asbestos and cyst reduction
- NSF submicron turbidity reduction
- Phosphate scale inhibition
- Features metering scale inhibitor feed
- With scale inhibitor
- Capacity: 1,500 gallons
- Packed 6 per case

Part Number	Description
27-1042-00	Everpure® OCS Filter

EVERPURE® 4K-PLUS FILTER



- For hot water applications
- 5-micron precoat filter containing KDF® media
- Provide all the benefits of precoat filters while reducing slime and excessive scale problems
- Capacity: 3,000 gallons
- Packed 6 per case

Part Number	Description
27-1289-00	Everpure® 4K-Plus Filter

VINYL



Bison Black
49-0572-00



Black Pica
49-0474-00 & 49-0474-10

- Refurbish your old machines to look like new
- Heavy duty vinyl with easy to peel, pressure sensitive backing
- Resists fading, scratching & chemicals
- Exact match to original equipment vinyl
- Ideal for refurbishing, rebuilding of old machines or matching old vending banks with newer updated equipment
- Sold per foot

Part Number	Color	Width	Roll Length
49-0572-00	Bison Black	40"	150'
49-0535-00	Black Hide (Not Shown)	40"	150'
49-0474-00	Black Pica	40"	150'
49-0474-10	Black Pica	49"	100'

POCKET THERMOMETERS

- Handy clip-on pocket thermometers used in the food industry
- 1" dial is easy to read
- Fits into a hard plastic pen-type case
- Case comes with a circular clip to hold the thermometer while testing hot food or liquids
- External hex nut allows temperature adjustments to the thermometer



Part Number	Description
27-1186-00	-40º to 160ºF
27-1187-00	0º to 220ºF

STICK 'M UPS THERMOMETER

- Comes complete with a magnetic, and adhesive back
- Handy thermometer is easily placed anywhere, inside or outside of machine
- 2" Dial Face
- -20° C to +120° F
- Also reads in Celsius



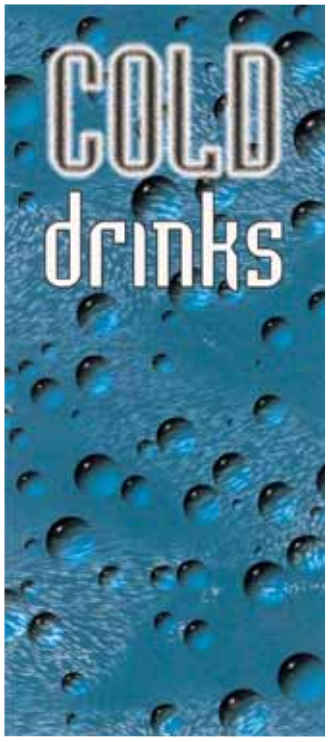
Part Number	Description
27-1025-00	Stick 'M Ups Thermometer

PEDESTAL ARTWORK WITHOUT ADHESIVE BACKING



Part Number	Description
H37471RM	Pedestal Artwork without Adhesive Backing

LEXAN REPLACEMENT SIGNS FOR COLD DRINK MACHINES



Bubble Design



Waterfall Design

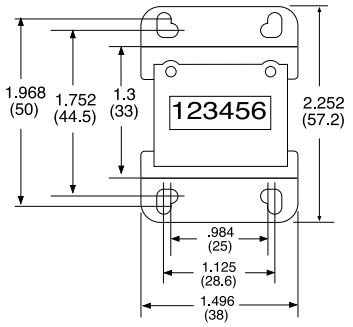
Part Number	Description
99151026	Bubble Design Dimensions: 68-1/2" H x 30-3/4" W
99151028	Bubble Design Dimensions: 76-5/8" H x 40-1/8" W
99150950	Waterfall Design Dimensions: 68-1/2" H x 30-3/4" W
99150952	Waterfall Design Dimensions: 76-5/8" H x 36-1/8" W
Side Decals also available, call for details	

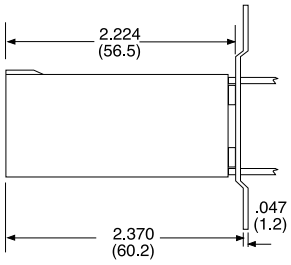
KESSLER ELLIS 6-DIGIT METER

- Electric, non-resettable counter
- 6 digit, counts to 999,999 then repeats
- 600 counts per minute
- With mounting bracket
- With or without diode
- 10" wire leads

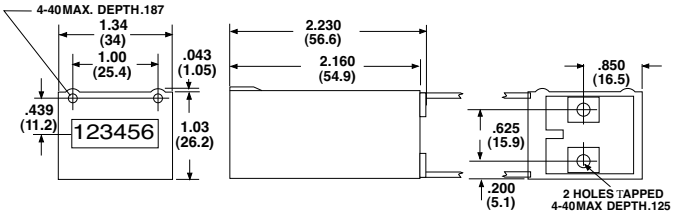


6-DIGIT METER WITH BRACKET DIMENSIONS





6-DIGIT METER WITHOUT BRACKET DIMENSIONS



Part Number	Voltage	Bracket	Diode
42-0092-00	12 DC	Yes	No
42-1167-00	120 AC	Yes	No
42-1169-00 (72" Leads)	120 AC	Yes	No



See Page 142 for Suzo-Happ's Entire Selection of Meters

LEG LEVELERS

- 1-1/2", 2", 3" or 4" thread length
- Other sizes available upon request



49-1002-03X



49-1002-04X

Part Number	Description	Thread	Thread Length	Load	Base Dia.
49-1002-03	Leg Leveler without nut	3/8–16	1-1/2"	200lb.	1.75"
49-1002-02	Leg Leveler with nut	3/8–16	2"	200lb.	1.75"
49-1002-035	Leg Leveler without nut	3/8–16	2"	250lb.	2.03"
49-1002-038	Leg Leveler without nut	1/2–13	2"	500lb.	2.40"
49-0449-00	Leg Leveler without nut	3/8–16	3"		1.75"
49-3042-00	Leg Leveler, Swivel with nut	3/8–16	4"	3750lb.	.25"
49-3043-00	Leg Leveler, Swivel with nut	1/2–13	4"	3750lb.	.25"
49-1002-04	T-Nut	3/8	-	-	-

BLACK RUBBER LEG LEVELER CUP

- Ideal for amusement and vending equipment
- Prevents equipment from slipping or sliding
- Fits leg levelers with 1-3/4" base diameter or less
- Will not scratch floors



Part Number	Description
26-1528-00	Black Rubber Leg Leveler Cup

LEG LEVELER MOUNTING KIT

- 3/8" thread
- Steel plated



Part Number	Description
49-1500-00	Leg Leveler Mounting Plate

LEG LEVELER MOUNTING PLATE WITH 1/2" PEM NUT

- With 1/2-13" Pem Nut for leg leveler
- 2.75" square
- 2" center mounting holes
- Mounting holes .31" diameter



Part Number	Description
49-1501-00	Leg Leveler Mounting Plate with Pem Nut

K-SUN LABELLAB® 1640Ki HAND-HELD LABELING SYSTEM



- Lightweight and portable, industrial orange unit with rubber impact guards
- Ideal for outdoor plant, manufacturing, electrical or any harsh working environment
- High quality printing up to 60 point size on 1" tape
- 15 characters x 2 lines LCD display
- Intelligent thumb actuated manual cutter
- Prints standard, rotated and mirrored text and numbers
- Auto sizes, or choose from 8 sizes and 4 character widths
- Library of over 90 industrial symbols
- Includes: 6 AA alkaline batteries, adjustable neck/wrist strap, 1" black/white flexible ID tape, 1/2" black/white industrial tape, and deluxe carrying case
- Dimensions: 4.6" W x 9.4" L x 3.2" H
- Weight: 1.3 lbs.
- One-year manufacturer limited warranty and replacement service

K-SUN LABELlab® Industrial Laminated Tapes

- Super strength with twice the adhesive of standard tapes
- Additional sizes and colors available upon request

Part Number	Description
27-0246-00	K-Sun LABELlab® 1640Ki Labeling System
27-0247-00	Replacement 1" (24mm) Tape - Black on White
27-0247-10	Replacement 1/2" (12mm) Tape - Black on White



K-SUN LABELLAB® 1440Ki HAND-HELD LABELING SYSTEM



- Create high quality labels quickly and easily
- Lightweight and portable for everyday use in the field, in the office and on the go
- High quality printing up to 60 point size on 1" tape
- 15 characters x 2 lines LCD display
- Intelligent thumb actuated manual cutter
- Prints standard, rotated and mirrored text and numbers
- Auto sizes, or choose from 8 sizes and 4 character widths
- Repeat printing up to 99 copies
- Includes: 6 AA alkaline batteries, adjustable neck/wrist strap, 3/8" black/white standard tape, and 1/2" black/white industrial tape
- Dimensions: 4.6" W x 9.3" L x 3.1" H
- Weight: 1.19 lbs.
- One-year manufacturer limited warranty and replacement service

Part Number	Description
27-0245-00	K-Sun LABELlab® 1440Ki Labeling System

KROY® K5100 & K4100 INDUSTRIAL LABEL AND WIRE MARKING PRINTERS

- Choose either handheld portable (K5100) or desktop (K4100) industrial versions
- On-demand identification at its best
- Print customized labels, bar codes and graphics on-site at your desk
- Alpha/numeric sequencing, 10 resistant bar codes, rotate feature, up to 6 print lines, 6-72 point sizes at 300 dpi resolution
- Variety of print styles including bold, italic, underline and mirror
- Optional PC connectivity for customized label applications, use your PC fonts and graphics
- Includes printer, manual CD-ROM with KLDS software and drivers, serial cable, and AC adapter with power cord
- Internal battery charger (K5100 only)
- Physical dimensions:
  11" L x 6" D x 4" H (K5100)
  9.5" L x 8" D x 2.75" H (K4100)



27-1421-K5100



27-1421-K4100

Part Number	Description
27-1421-K5100	Kroy® K5100 Label Printer
27-1421-K4100	Kroy® K4100 Label Printer
ACCESSORIES FOR KROY K5100 & K4100 PRINTERS	
27-1425-08	Polyester Label Cartridge, 1" x 40' Black Image on White
27-1425-12	Polyester Label Cartridge, .50" x 40' Black Image on White

AMANA® LD10D2 1000 WATT COMMERCIAL MICROWAVE OVEN

Superior Durability, Great Versatility!

- Ideal for light volume sites, this dependable unit features an easy-to-use 6-minute dial timer for fast, convenient service
- The perfect replacement for home or domestic ovens in food service locations
- 1000 Watts of power for fast heating
- Sealed-in ceramic shelf for easy cleaning
- 6-minute dial timer is extremely easy to use
- Full power only for the simplest operation
- User-friendly dial is ideal for self-serve sites
- Durable construction for years of commercial food service use
- Nationwide service keeps any downtime to an absolute minimum
- Limited 3-year warranty
- See-through door and lighted interior for easy monitoring of food without opening the door
- 1.0 cubic foot capacity easily accommodates prepackaged foods, single servings or large plates of food



MODEL LD10D2 SPECIFICATIONS	
UPC CODE	042159062966
CONFIGURATION	Countertop
CONTROL SYSTEM	DIAL
COOKING TIMER	6:00, Countdown
POWER LEVELS	1
DEFROST	No
TIME ENTRY OPTION	Yes
MICROWAVE DISTRIBUTION SYSTEM	Rotating Antenna

Part Number	Description
27-0173-00	Amana® LD10D2 Commercial 1000 Watt Microwave Oven

AMANA® LD10D2 1000 WATT COMMERCIAL MICROWAVE OVEN

- The perfect replacement for home or domestic ovens in food service locations
- 10 programmable menu items simplifies cooking
- 5 power levels for consistent, delicious results for fresh and frozen foods
- Stainless steel interior with dishwasher-safe turntable for easy cleaning
- Durable construction for years of commercial food service use
- Nationwide service keeps any downtime to an absolute minimum
- Sealed-in ceramic shelf for easy cleaning
- X2 multiple quantity pad calculates the proper cook times for multiple portions
- 3 stage cooking for one-touch cooking
- Braille touch pads
- Limited 3-year warranty
- 1.0 cubic foot capacity easily accommodates prepackaged foods, single servings or large plates of food
- See-through door and lighted interior for easy monitoring of food without opening the door



MODEL LD10MP SPECIFICATIONS	
UPC CODE	719881111889
CONFIGURATION	Countertop
CONTROL SYSTEM	Touch
PROGRAMMABLE CONTROL PADS	10
TOTAL PROGRAMMABLE SETTINGS	10
COOKING TIMER	60:00, Countdown
POWER LEVELS	5
DEFROST	Yes
TIME ENTRY OPTION	Yes
MICROWAVE DISTRIBUTION SYSTEM	Rotating Antenna
MAGNETRON	1
DISPLAY	VFD
STAGE COOKING	3 Stages
INTERIOR LIGHT	Yes
DOOR OPENING SYSTEM	Pushbutton
SIGNAL	End of Cycle
MULTIPLE QUANTITY SETTING	Yes, x2
WARRANTY	Limited 3 Year

ELECTRICAL CHARACTERISTICS		
POWER CONSUMPTION	1500 W, 13.3 A	
POWER OUTPUT	1000 W	
POWER SOURCE	120 V, 60 Hz, 15 A Single Phase	
PLUG CONFIGURATION	NEMA 5-15	
FREQUENCY	2450 MHz	
POWER CORD LENGTH	5' (1.5m)	
EXTERIOR CABINET	USABLE DIMENSIONS	INTERIOR DIMENSIONS
HEIGHT	12-3/8" (359 mm)	8-3/4" (222 mm)
WIDTH	20-7/8" (530 mm)	13-3/4" (348 mm)
DEPTH (OVERALL WITH HANDLE)	15-1/2" (394 mm)	14-5/8" (373 mm)
DEPTH (DOOR OPEN 90°)	31-1/4" (794 mm)	
USABLE CAVITY SPACE	1.0 cubic ft. (28 L)	
WEIGHT / SHIPPING INFORMATION		
NET WEIGHT	36 lbs. (16 kg)	
APPROXIMATE SHIPPING	39 lbs. (18 kg)	
UPS SHIPPABLE	Yes	
SHIPPING BOX SIZE	17-7/8" L x 24-3/8" W x 15" H (454 mm x 619 mm x 381 mm)	

Part Number	Description
27-0174-00	Amana® LD10MP Commercial 1000 Watt Microwave Oven

AMANA® RCS10D COMMERCIAL MICROWAVE OVEN

Performance You Can Count On!

- Ideal for medium volume sites
- 1000 Watts of power for fast heating
- 1.2 cubic foot capacity easily accommodates prepackaged foods, single servings or large platters
- 6-minute dial timer and handy menu guide is extremely easy to use
- See-through door and lighted interior for easy monitoring of food without opening the door
- Full power only for the simplest operation
- User-friendly dial is ideal for self-serve sites
- Durable construction for years of commercial food service use
- Nationwide service network provides ongoing product support
- Limited 3-year warranty



MODEL RCS10D SPECIFICATIONS	
UPC CODE	042159050673
CONFIGURATION	Countertop
CONTROL SYSTEM	Dial
COOKING TIMER	6:00, Countdown
POWER LEVELS	1
MICROWAVE DISTRIBUTION SYSTEM	Rotating Antenna
MAGNETRON	1
STAGE COOKING	1 Stage
INTERIOR LIGHT	Yes
DOOR OPENING SYSTEM	Lift & Pull Handle
SIGNAL	End of Cycle
WARRANTY	Limited 3 Year

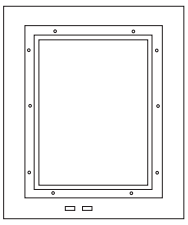
ELECTRICAL CHARACTERISTICS		
POWER CONSUMPTION	1700 W, 13.8 A	
POWER OUTPUT	1000 W	
POWER SOURCE	120 V, 60 Hz, 15 A Single Phase	
PLUG CONFIGURATION	NEMA 5-15	
FREQUENCY	2450 MHz	
POWER CORD LENGTH	5' (1.5m)	
EXTERIOR CABINET	USABLE DIMENSIONS	INTERIOR DIMENSIONS
HEIGHT	14-1/4" (362mm)	9-1/2" (241mm)
WIDTH	21-3/4" (552mm)	13-1/2" (343mm)
DEPTH (OVERALL WITH HANDLE)	19-3/4" (501mm)	15-3/4" (400mm)
DEPTH (DOOR OPEN 90°)	34" (864mm)	
USABLE CAVITY SPACE	1.2 cubic ft. (34 L)	
WEIGHT / SHIPPING INFORMATION		
NET WEIGHT	50 lbs. (23 kg)	
APPROXIMATE SHIPPING	56 lbs. (25 kg)	
UPS SHIPPABLE	Yes	
SHIPPING BOX SIZE	22" L x 25-3/8" W x 17-5/8" H (559 mm x 645 mm x 449 mm)	

Part Number	Description
27-0135-00	Amana® RCS10D Commercial 1000 Watt Microwave Oven

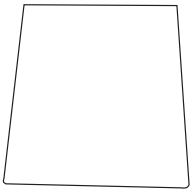
REPLACEMENT PARTS FOR AMANA® MICROWAVE OVENS



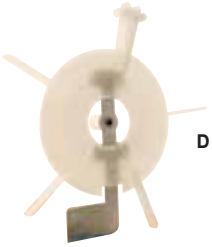
A



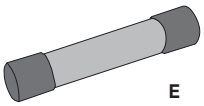
B



C



D



E

KEY	Part Number	Amana Ref. No.	Description
A	H12002103	P1300201M	Inner Door Liner for RFS9LW
B	HD7683508	D7683505	D7683505 Inner Door Liner
C	HC8936902	C8936902	Glass Tray for LD10
D	HC8943002Q	C8943002Q	Antenna Assembly
E	HM0805101	M0805101	20 Amp Fuse
-	HD7685505	-	Cradle Antenna for Amana®
-	R0150122	-	Latch Assembly for Amana®

Cavalier - Dixie Narco - Royal - Vendo - National

PRICE LABELS

- 1-1/4" x 1-5/8" - White on Grey



Part Number	Description
27-1092-00	.50
27-1093-00	.55
27-1094-00	.60
27-1095-00	.65
27-1096-00	.70
27-1097-00	.75
27-1098-00	.80
27-1100-00	.90
27-1101-00	.95
27-1102-00	1.00
27-1103-00	1.25
27-1104-00	1.50
27-1105-00	1.75
27-1106-00	2.00

ITEM TABS (ITEM A1 - ITEM G5)

- For Glassfront machines



Part Number	Description
H1450005N	Item Tabs (Item A1 - G5)

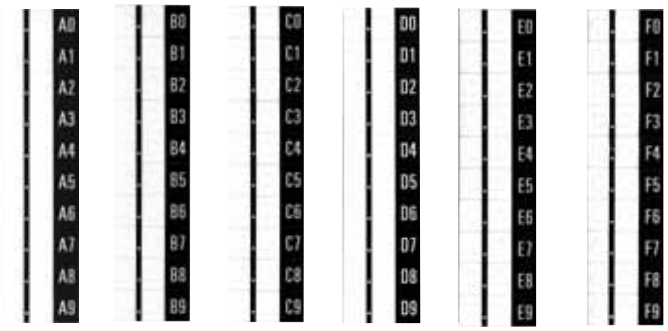
PRICE INSERTS

- For Glassfront machines



Part Number	Description
H14500281N	50¢/55¢
H14500282N	60¢/65¢
H14500283N	70¢/75¢
H14500284N	80¢/85¢
H14500286N	$1.00/$1.05
H14500288N	$1.20/$1.25
H14500289N	$1.30/$1.35
H145002810N	$1.40/$1.45

PRODUCT LABEL SHEETS



- For 474 Refreshment Center / 147 Snack Center

Part Number	Old Ref. No.	Description
H1577009N	147-7076	Product Label Sheet (A0-A9)
H1577010N	147-7077	Product Label Sheet (B0-B9)
H1577011N	147-7078	Product Label Sheet (C0-C9)
H1577012N	-	Product Label Sheet (D0-D9)
H1577013N	-	Product Label Sheet (E0-E9)
H1577014N	-	Product Label Sheet (F0-F9)

PRESSURE SENSITIVE PRICE LABELS

- 9/16" x 7/8"
- Black on White
- 500 per roll, sold each



Part Number	Description
27-1283-00	50¢
27-1284-00	55¢
27-1286-00	65¢
27-1288-00	75¢

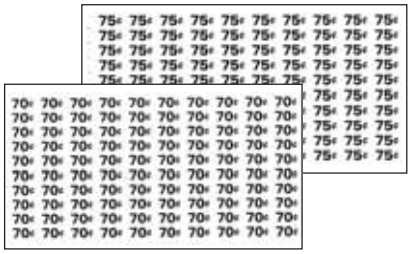
DIXIE NARCO INSTRUCTION DECAL



Part Number	Description
H80381314011DN	Instruction Decal

Automatic Products

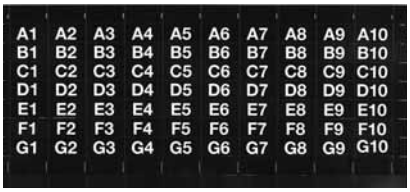
PRICE TABS (25¢ - $2.50)



- For 111/112/113, LCM1–4, 6000, 7000, "C" series Snackshop machines

Part Number	Description
H460347AP	Price Tabs (25¢ - $2.50)

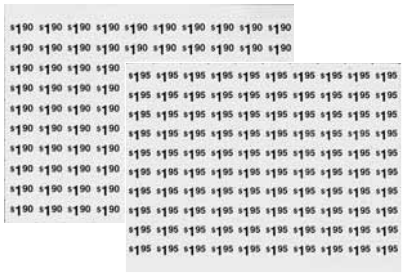
ITEM TABS



- For A.P. 111/112/112/4000/5000/6000/7000

Part Number	Description
H460346AP	Item Tabs (A1 - G10)

PRICE TABS



- For Snackshop 4000 - 7000 series machines

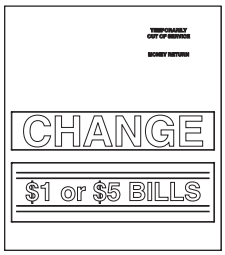
Part Number	Description
H4603472AP	40¢/45¢
H4603473AP	50¢/55¢
H4603474AP	60¢/65¢
H4603475AP	70¢/75¢
H4603476AP	80¢/85¢
H4603477AP	90¢/95¢
H4603478AP	$1.00/$1.05
H4603479AP	$1.10/$1.15
H46034710AP	$1.20/$1.25
H46034711AP	$1.30/$1.35
H46034713AP	$1.50/$1.55

Rowe

OVERLAYS FOR ROWE BILL CHANGERS



27-1324-00



H170R

Part Number	Description
27-1324-00	BC1200 "Tokens" Decal
H170R	BC11/12 "CHANGE $1 or $5 BILLS" White on Clear Overlay

PRESSURE SENSITIVE PRICE LABELS

- 1" x 1-1/2"
- Black on Silver



Part Number	Description
27-1115-00	25¢
27-1114-00	50¢
27-1113-00	75¢
27-1117-00	$1.00

SUZO HAPP

Authorized

COOP BVA INC.

Supplier

"OUT OF ORDER" LABEL

- 1-1/2" x 2"



Part Number	Description
42-7017-00	"OUT OF ORDER" Label

"OUT OF ORDER" LABEL

- Size: 1-1/2" x 4"
- Sold in rolls of 500



Part Number	Description
27-1225-00	Black "OUT OF ORDER" Label
27-1218-00	Red "OUT OF ORDER" Label

"VALIDATOR OUT OF ORDER" LABEL

- Size: 1-1/4" x 4"
- Sold in rolls of 500



Part Number	Description
27-1222-00	"VALIDATOR OUT OF ORDER" Label

"REPAIR IN PROGRESS" LABEL

- Red Lettering on White Background
- Size: 1.25" x 4"
- Adhesive backed
- Sold in rolls of 500



Part Number	Description
27-1218-001	"REPAIR IN PROGRESS" Label

WARNING LABEL

- 2-1/2" x 4-5/8"
- Black on Silver



Part Number	Description
42-7016-00	WARNING Label

"PRICE INCLUDES" LABEL

- 1-1/4" x 2"



Part Number	Description
49-0644-00	"Price Includes" Label

We have over 50 Sales People
to help you get the right parts
& supplies you need!



Call (888) 289-4277 to Contact a Suzo-Happ
Sales Representative Near You

TERMS & CONDITIONS

Order Acceptance:

All orders are subject to approval at our headquarters in Mount Prospect, Illinois. Order by phone, fax, and mail or via our web site at www.suzohapp.com

Payment Terms:

Our terms are C.O.D., Visa, MasterCard, American Express or Net 30 days with approved credit.

When sending money in advance of shipping, please include payment for shipping charges and your state sales tax, applicable in AL, AZ, CA, CO, FL, GA, IA, IL, IN, KS, KY, LA, MD, MI, MN, MS, NC, ND, NE, NJ, NM, NV, NY, OH, OK, PA, SC, SD, TN, TX, VA, WA, WI.

All Prices are F.O.B. our dock unless otherwise specified.

Wire Transfer Information:

Contact our Accounts Receivable department at 888-289-4277.

Return Policy:

All returns must be authorized by the Suzo-Happ Customer Service Department - call, e-mail, write, or fax for an authorization to return product (RMA).

All claims for shortage, damage, etc. must be made within ten business days from receipt.

Returns without a visible RMA number on the label will not be accepted, or subject to a $10.00 handling / processing fee.

All returns are subject to a 25% restocking fee.

Return authorizations expire **30 days** from the date issued.

Any product can be returned for inspection, however, credits are typically issued for goods purchased within **30 Days and returned in "like new" condition** or manufacturer warranty repairs within 90 Days from date of sale.

Product received that does not meet the proper criteria for credit will be returned back to the customer. A Customer Service Representative will call the customer to discuss product return options. All shipping costs are the responsibility of the customer.

IMPORTANT: Certain product purchased from Suzo-Happ is identifiable with a Serial Number. This number is used for product warranty and specific identification purposes. If the product being returned has a serial number it must be provided to the Customer Service Representative when requesting the RMA.

Damaged Shipments And Shortages:

All claims for shortage, damage, etc. must be made within ten business days.

Prices:

Prices are not listed in our catalog. Current prices can be found on our web site at www.suzohapp.com or consult your Suzo-Happ sales representative.

Typographical Errors:

Suzo-Happ Group reserves the right to correct typographical errors, including errors on our website, and in our catalogs or other materials. If a product is listed with an incorrect information due to typographical error, Suzo-Happ Group has the right to refuse or cancel any orders placed based upon the incorrect information.

Suzo-Happ Products:

Suzo-Happ reserves the right to improve our products without prior notice.

Copyright Notice:

All logos and trade names within our catalogs and on our web site are respective trademarks of their corporations.

Patents, Trademarks And Copyrights

Suzo-Happ products are protected by United States and Foreign Patents (granted and pending). Suzo-Happ maintains an aggressive policy against infringement of patents, copyrights or trademarks.

Unavoidable Delays and Acts of God:

We make every effort to ensure your order is shipped complete and on-time. Delivery time can be affected by circumstances beyond our control, such as a raw material shortage or a dock strike. Some of our suppliers close down for 2 or 4 weeks in the summer. We make every effort to maintain adequate inventories in our distribution centers to allow for the unexpected. However, shortages of raw materials or surges in demand may deplete our stock. In such cases, we will continue to give you the best possible service. We cannot be liable for delays resulting from Acts of God or any other circumstances beyond our control.

Privacy Policy:

Your privacy as a Suzo-Happ customer is important to us. You can view our on-line privacy policy by going on our web site at www.suzohapp.com

Minimum Order Policy:

Orders placed via Phone, Fax, Email or in person with a Sales Representative	
Order Minimum	$100.00
Orders placed via the Suzo-Happ Website	
Order Minimum	$25.00

Custom Pushbutton Legends:

Minimum Order Policy:

There is a minimum order of 100 pieces per legend.

Artwork Charges:

$45.00 Artwork Fee for 1st Legend – Single Color
$30.00 Artwork Fee for 2nd Legend – Single Color
$65.00 Artwork Fee for Each Multi-color Legend

Limited Warranty

Suzo-Happ warrants that the product will be free from defects in material and workmanship for a period of ninety (90) days from the date of delivery of the product subject to the following conditions: (i) the limited warranty does not cover any defect in the product arising from any drawing, design or specification supplied by the customer, (ii) the limited warranty does not cover any defect arising from normal wear and tear, willful damage, negligence, abnormal working conditions, failure to follow Suzo-Happ's instructions (whether oral or in writing), misuse, alteration or maintenance, service or repair of the product without Suzo-Happ's approval, (iii) the limited warranty does not cover parts, materials or equipment not manufactured by Suzo-Happ, in which case, the customer shall only be entitled to the benefit of any warranty or guarantee given by the manufacturer of such part, material or equipment to Suzo-Happ, (iv) the limited warranty is only available to the first purchaser of the product and (v) the customer must have paid the price for the product by the due date set forth in the order. Suzo-Happ shall determine, in its sole and absolute discretion, whether any defect, damage or other problem is subject to the limited warranty set forth in the first sentence of this paragraph.

In the event any defect, damage or other problem is subject to the limited warranty set forth in the first sentence of this paragraph, Suzo-Happ shall (a) determine, in its sole and absolute discretion, whether Suzo-Happ shall repair or replace the product or refund the customer for the price of the product and (b) fully reimburse the customer for all reasonable and documented shipping charges and expenses incurred by the customer to ship the product for warranty services.

EXCEPT AS SET FORTH HEREIN, SUZO-HAPP HAS NOT MADE AND DOES NOT MAKE ANY REPRESENTATION OR WARRANTY OF ANY NATURE WHATSOEVER, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND ANY STATEMENTS OR REPRESENTATIONS MADE BY ANY OTHER PERSON TO THE CONTRARY ARE NULL AND VOID.

UNLESS OTHERWISE PROVIDED BY APPLICABLE LAW, SUZO-HAPP'S LIABILITY AND OBLIGATION, IF ANY, FOR ANY DEFECTIVE PRODUCT SHALL BE LIMITED TO REPAIR AND REPLACEMENT OF THE PRODUCT OR A REFUND FOR THE PRICE OF THE PRODUCT, AT SUZO-HAPP'S OPTION, AND
SUZO-HAPP SHALL NOT BE LIABLE FOR ANY DAMAGES, WHETHER DIRECT, INDIRECT, INCIDENTAL, CONSEQUENTIAL, SPECIAL OR OTHERWISE (INCLUDING, WITHOUT LIMITATION, DAMAGES FOR INCONVENIENCE OR LOSS OF USE, REVENUE, PROFITS OR SALES) BECAUSE OF PRODUCT DEFECTS, OR ANY DUTY TO DEFEND, BY REASON OF ANY DEFECTS IN THE PRODUCTS.

Handling Fee:

All orders will be charged a $6.50 handling fee plus appropriate shipping charges and necessary taxes.

Terms & Conditions are subject to change.

SUZO HAPP ORDER FORM

1743 Linneman Rd
Mount Prospect, IL 60056
Toll Free Phone: **888-289-4277**
Phone: **847-593-6130**
Toll Free Fax: **800-593-4277**
Fax: **847-593-6137**
www.suzohapp.com

OFFICE USE ONLY: SOURCE CODE _____ REP NO. _____ ☐P.P. ☐COL. MISC._____
ORDER NUMBER _____ S.D. _____ I.H.D._____

BILL TO _____ DATE _____

_____ _____
YOUR P.O. NO.

SHIP TO _____ TERMS _____

F.O.B. Shipping Point

SALES TAX NUMBER
Include copy of Tax Certificate

☐☐☐☐☐☐
SUZO-HAPP CUSTOMER NUMBER

Phone No.( ) _____ FAX No. ( ) _____

SHIP VIA: FedEx ☐ Priority 1 ☐ 2-DAY ☐ GROUND ☐ 3-DAY OTHER: _____ TRUCK: _____

HO ☐ Hold and Ship Complete*
OK ☐ OK to Backorder**
BC ☐ OK to Backorder, but ship complete***

LINE	QUANTITY	PART NUMBER	DESCRIPTION	UNIT PRICE	AMOUNT
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					

MEMO:

Sub-Total		
State Sales Tax where applicable†		
Shipping Charges		
TOTAL		

NOTE: All orders are subject to Corporate Office approval. **Return of goods must be authorized.**
Prices are subject to change without prior notice.
†Tax applicable in AK, AL, AZ, CA, CO, FL, GA, IA, IL, IN, KS, KY, LA, MD, MI, MN, MS, NC, ND, NE, NJ, NM, NV, NY, OH, OK, PA, SC, SD, TN, TX, VA, WA, WI. Credit cards only.

☐ VISA ☐ MasterCard ☐ American Express Cards Exp. Date ☐☐ ☐☐ Security Code ☐☐☐

☐☐☐☐ ☐☐☐☐ ☐☐☐☐ ☐☐☐☐

NAME ON CREDIT CARD _____

BILLING ADDRESS ON CREDIT CARD _____

THANK YOU FOR YOUR ORDER

X _____

CARD HOLDER SIGNATURE / ORDER AUTHORIZED BY

If you do not have an account with SUZO-HAPP, please request a Credit Application. Credit card orders must have cardholders signature. Thank you for your cooperation!

***HOLD AND SHIP COMPLETE** - Hold the order until it can be shipped complete.
****NO INSTRUCTIONS, or OK TO BACKORDER** - Ship what we have, backorder the remainder.
*****OK TO BACKORDER, BUT SHIP COMPLETE** - Ship what we have, ship backordered items together.

514 CREDIT APPLICATION

SUZO HAPP 1743 Linneman Rd Mount Prospect, IL 60056
Phone: **847-593-6130**
Suzo-Happ Credit Dept. Fax: **847-952-5931**

If you do not have an account with SUZO-HAPP and a NET 30 OPEN ACCOUNT is desired, complete this credit application in full and submit for our processing along with your order. Or fax directly to our Credit Department at 847-952-5931.

REQUEST FOR NET 30 OPEN ACCOUNT

DATE _____

☐ NEW CUSTOMER ☐ PRESENT CUSTOMER CUSTOMER NO. _____

TAX EXEMPT? ☐ YES ☐ NO SALES EXEMPTION CERTIFICATE _____

(Please fax or send a copy of your Tax Certificate for our files)

BILL TO (Attention)
NAME _____
ADDRESS _____
_____
PHONE ( )
FAX ( )
E-MAIL _____
WEBSITE _____
F.E.I.N. or SOCIAL SECURITY NO. _____

SHIP TO (Attention)
NAME _____
ADDRESS _____
_____
_____
A/P Contact Name _____
E-MAIL _____
PHONE ( ) Ext. _____
FAX ( )

BANK INFORMATION

If you would like a Monthly Statement please indicate method:
☐ Email ☐ Fax ☐ Mail

BANK NAME _____
ADDRESS _____ CITY _____ STATE _____ ZIP _____
(Exact address or closest intersecting street)
NAME OF BANK OFFICER TO CONTACT _____ PHONE ( )
CUSTOMER PERMISSION FOR BANK TO GIVE REFERENCES TO SUZO-HAPP:
SIGNED _____ BUSINESS CHECKING ACCT NO. _____
TITLE _____ HOW LONG IN BUSINESS? _____
BANK FAX NO. _____ NUMBER OF EMPLOYEES _____

☐ CORPORATION ☐ PARTNERSHIP ☐ PROPRIETORSHIP ☐ OTHER, EXPLAIN _____

NAME OF OFFICER, PARTNER, OR OWNER: _____ D & B _____

TRADE REFERENCES (U.S. ONLY)

COMPANY NAME _____ ADDRESS _____
(Include City & State)
ACCT NO. _____ FAX _____ PHONE ( )

COMPANY NAME _____ ADDRESS _____
(Include City & State)
ACCT NO. _____ FAX _____ PHONE ( )

COMPANY NAME _____ ADDRESS _____
(Include City & State)
ACCT NO. _____ FAX _____ PHONE ( )

COMPANY NAME _____ ADDRESS _____
(Include City & State)
ACCT NO. _____ FAX _____ PHONE ( )

YOUR NAME (Please Print) _____

YOUR SIGNATURE _____ TITLE: _____ DATE _____

Please allow 2 weeks for processing of Credit Application. ***Fax to Suzo-Happ Credit Dept. (847) 952-5931***

APPROVED NET 30 ☐ YES ☐ NO OFFICE USE ONLY

DATE: _____ CREDIT MANAGER: _____

Top Reasons to Order from SUZO HAPP

Easy Ordering: Phone 888-289-4277 **Fax:** 800-593-4277

E-Mail: info@suzohapp.com ***www.suzohapp.com***



Shipping within 24 hours: Orders for "in-stock: itmes will be shipped within 24 hours. Orders placed on weekends will be shipped the next business day.

Technical Support: Our technical specialists are ready to answer your questions about SUZO-HAPP manufactured products.

Online Ordering with Shopping Cart: With our secure on-line ordering system you can build an order, check order status, display order history, reprint invoices, view up-to-date statements and pay invoices.

Extensive product line: We carry the broadest product lines in our industry

Multiple shipping locations: Prompt shipment with distribution centers across the U.S.

Quality: We test and retest the products we design to insure quality.

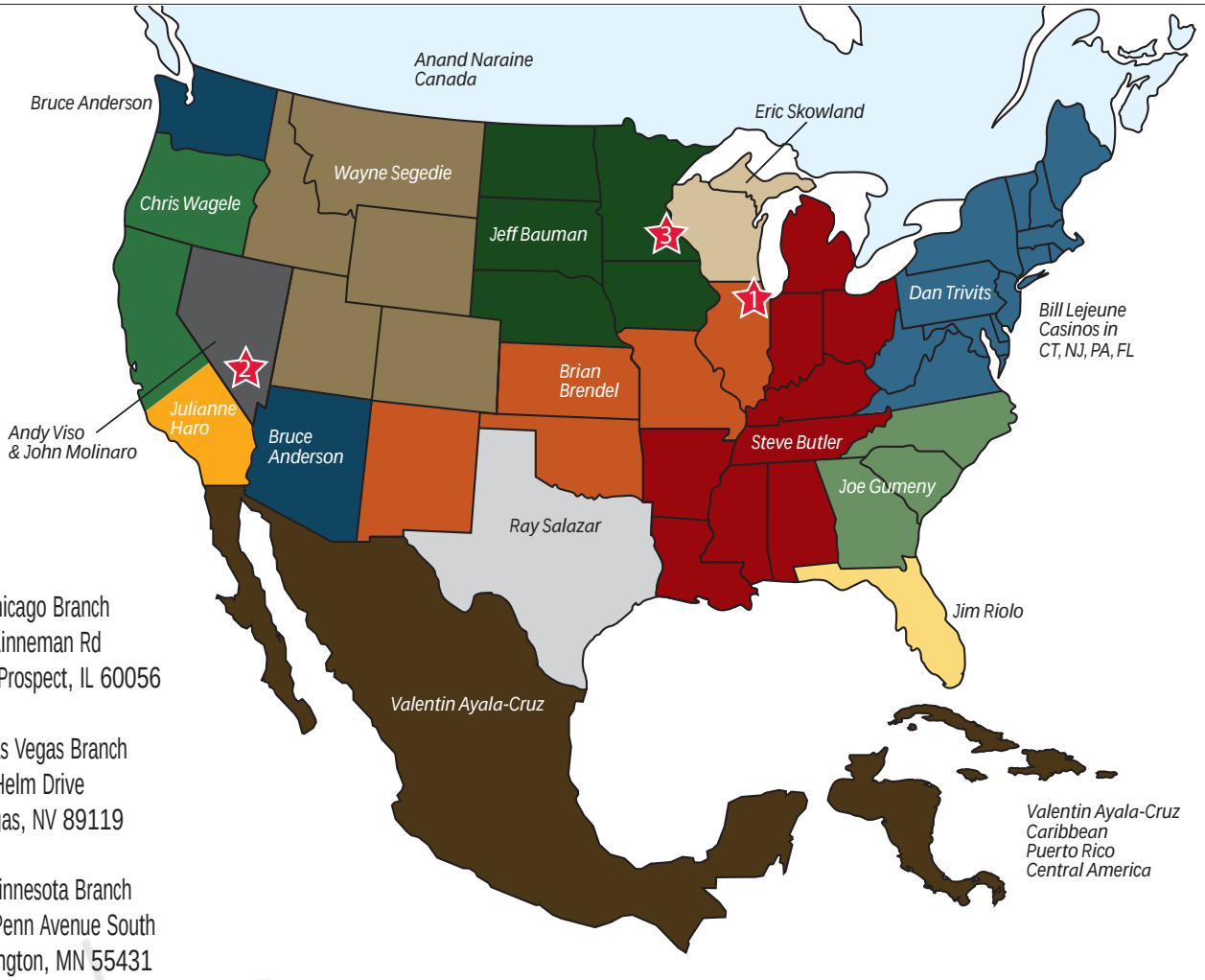
Value: We have competitive prices and special prices for volume buyers. Ask for a quote.

Innovative Products: Our engineering team constantly develops new industry products. Cost reduction and product improvement are our goals.

"Just in time shipping": Regulate inventory by establishing a blanket order. We will ship per your schedule so you will always have the right amount of inventory.

Pay with plastic or open an account: We accept Visa, MasterCard and American Express. Net 30 days open account is available with approved credit.

SUZO-HAPP GROUP NORTH AMERICAN SALES



1 Chicago Branch
1743 Linneman Rd
Mount Prospect, IL 60056

2 Las Vegas Branch
2015 Helm Drive
Las Vegas, NV 89119

3 Minnesota Branch
9549 Penn Avenue South
Bloomington, MN 55431

Sales Department

Experience the Difference

Suzo-Happ Group talented sales staff brings you over 450 years of combined experience

The outside sales force, combined with the inside sales force, establishes Suzo-Happ Group as the most experienced sales staff within the Coin-Operated parts industry.

These industry veterans are proudly representing Suzo-Happ product lines for the Gaming, Amusement, Retail Billiard, Vending, and Industrial industries.

At Suzo-Happ Group, we have assembled special sales teams to take care of your parts needs. Each team contains both an outside sales representative plus an inside sales representative(s). Together this team offers you many years of industry experience and will assist you in providing the best products to aid in the effective operation of your company.

The map above is a general guide of what representative covers each territory. However, it is best to call (888) 289-4277 to find your specific sales rep. as some representatives' territories are not geographical. Use the following pages to reference the many convenient ways for you to contact them; via phone, fax, e-mail or voice mail.

SUZO-HAPP GROUP NORTH AMERICAN SALES



Bruce Anderson
Phone : (800) 511-1796 x7261
Cell : (847) 770-2823
Fax : (520) 494-2569
bruce.anderson@suzohapp.com



Chris Wagele
Phone : (800) 511-1796 x7664
Cell : (707) 548-4731
Fax : (702) 597-4837
chris.wagele@suzohapp.com



Julianne Haro
Phone : (800) 511-1796 x7233
Cell : (951) 453-9374
Fax : (909) 899-8977
julianne.haro@suzohapp.com



Andy Viso
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Cell : (702) 353-1955
Fax : (702) 597-4837
andy.viso@suzohapp.com



John Molinaro
Office : (800) 511-1796 x7621
Cell : (702) 236-5818
Fax : (702) 597-4837
john.molinaro@suzohapp.com



Brian Brendel
Office : (800) 511-1796 x7663
Cell : (303) 886-0052
Fax : (877) 870-2259
brian.brendel@suzohapp.com



Wayne Segedie
Phone : (800) 511-1796 x7240
Office : (303) 663-8210
Cell : (847) 867-0621
Fax : (303) 663-0815
wayne.segedie@suzohapp.com



Jeff Bauman
Phone : (800) 511-1796 x7420
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Cell : (847) 340-5839
Fax : (763) 205-5476
jeff.bauman@suzohapp.com

Ray Salazar
Phone : (800) 511-1796 x7390
Office : (936) 931-5530
Cell : (713) 553-0242
ray.salazar@suzohapp.com



Eric Skowlund
Phone : (800) 511-1796 x7470
Office : (262) 677-9125
Cell : (847) 867-0628
Fax : (262) 677-4372
eric.skowlund@suzohapp.com



Steve Butler
Phone : (800) 511-1796 x7300
Cell : (847) 867-0611
Fax : (877) 553-6515
steve.butler@suzohapp.com



Joe Gumeny
Phone : (800) 511-1796 x7262
Office : (770) 975-3469
Cell : (770) 855-8409
Fax : (770) 974-7057
joe.gumeny@suzohapp.com

Jim Riolo
Phone : (800) 511-1796 x7330
Office : (561) 734-9437
Cell : (800) 616-0604
Fax : (561) 734-9495
jim.riolo@suzohapp.com



Dan Trivits
Phone : (800) 511-1796 x7290
Cell : (847) 867-0613
Fax : (800) 593-4277
dan.trivits@suzohapp.com

Casinos In:
CT, NJ, PA & FL

Bill Lejeune
Phone : (800) 511-1796 x7662
Cell : (443) 994-9698
Fax : (877) 870-2259
bill.lejeune@suzohapp.com

Welcome
to the Exciting World of
Online Ordering





The **SUZO-HAPP** shopping cart system allows you to easily build a secure online order with current pricing and availability 24 hours a day, 7 days a week. Other online benefits of Online Ordering include viewing the status or history of orders, easy duplication of previous orders, and email notification with tracking information upon shipment of online orders.



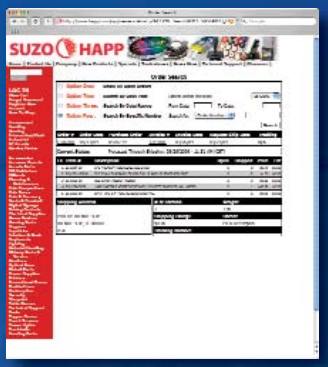
Your SUZO-HAPP Account

- Open 24 hours a day / 7 days a week
- Secure on-line ordering
- Convenient and easy to use
- Customer Statement - Provides you with an up-to-date statement of your account
- Reprint Invoices - Allows you to view and reprint invoices within the past 15, 30, 60, 90, 120, 150, and 180 days
- Pay Invoices by Credit Card - Allows you to take existing unpaid invoices and pay full or partial payment by credit card
- Update customer account information
- Real-Time pricing



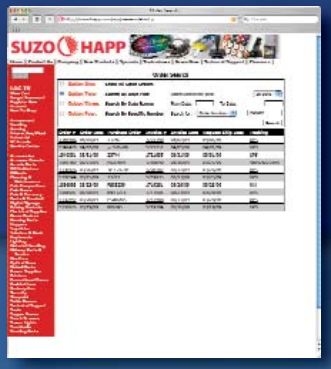
Build an Order

- Easy navigation
- Up to the minute pricing
- View stock availability
- email notification upon shipment of order
- Tracking information emailed to you



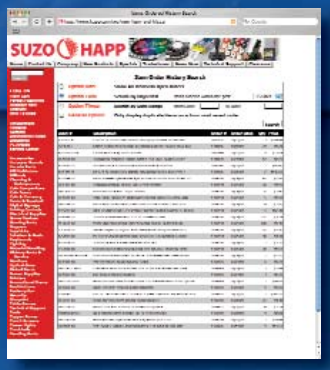
Check Status of Orders

- Look-up **SUZO-HAPP** order number
- Find out if the order has been shipped



Display Order History

- View complete orders
- Search by purchase order number or order date
- Obtain shipping information with tracking number
- Easily duplicate orders



View Item History

- View items previously purchased by item number or date
- Easily build a new order by clicking on previously purchased items and adding them to the shopping cart

Visit Our Website @ suzohapp.com

Stay Connected with suzohapp.com

At SUZO-HAPP we believe in the importance of providing information to our customers. Our web site keeps you informed of new things at SUZO-HAPP.



Corporate Website

Within this section you will find general updated information on SUZO-HAPP, product support, upcoming trade shows, press releases, access to our online catalogs, new products, online ordering, and monthly specials.

Online Catalogs

Allows you to view our Amusement, Gaming, Vending and Industrial products with just a click of the mouse. You will find our online catalogs easy to navigate, with illustrations, current prices, availability, and technical information.





New Products

New and innovative products are developed and introduced on a continual basis. Some are so new they do not appear within the printed catalog. We suggest you check out the New Products section frequently to be aware of the latest product offerings from SUZO-HAPP.

Online Ordering

Our shopping cart system allows you to easily build a secure online order with current pricing and availability 24 hours a day, 7 days a week. Along with numerous other features, online benefits of Online Ordering include viewing the status or history of orders, easy duplication of previous orders, and email notification with tracking information upon shipment of online orders.





Monthly Specials

In order to keep our customers informed of the latest specials, we place copies of our sale flyers on our web site. To view, simply click and enjoy the savings.

WEB.SPECIALS

suzohapp.com also includes access to New Products and Monthly Specials -

Begin your Online Experience Today!

MOUNT PROSPECT, IL



LAS VEGAS, NV



BLOOMINGTON, MN



SUZO HAPP

GAMING, AMUSEMENT AND INDUSTRIAL COMPONENTS

MOUNT PROSPECT, IL
1743 Linneman Road
Mount Prospect, IL 60056
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FAX 847-593-6137
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FAX 702-597-4837
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Toll Free FAX 877-870-2259

BLOOMINGTON, MN
PHONE 952-887-5299
FAX 952-887-5656
Toll Free PHONE 800-879-0321

MOUNT PROSPECT SERVICE CENTER

- Ceronix Monitor Repair
- Kortek Monitor Repair
- Makvision Monitor Repair
- MEI Validator Repair
- Neotec Monitor Repair
- Starpoint Reel Repair
- TouchTunes Device Repair
- VisionPro Monitor Repair
- Wells Gardner Monitor Repair

LAS VEGAS SERVICE CENTER

- Aristocrat Power Supply Repair
- Ceronix Monitor Repair
- Futurelogic Printer Repair
- IGT Power Supply Repair
- Kortek CRT & LCD Repair
- MEI Validator Repair
- Starpoint Reel Repair
- Suzo-Happ Coin Counter Repair
- Tatung Monitor Repair
- Tovis Monitor Repair
- VisionPro Monitor Repair
- Wells Gardner Monitor Repair

NEW JERSEY SERVICE CENTER

- Ceronix LCD Repair
- Futurelogic Printer Repair
- Kortek LCD Repair
- MEI Validator Repair
- Vision Pro LCD Repair

MIDWAY PARTS & SERVICE

- Authorized Midway Parts Board Repair

REPLACEMENT GAMING PARTS

- Keno Games
- Player Tracking Systems
- Slot Machines
- Video Poker Machines

REPLACEMENT VENDING PARTS

- Bill Changers
- Can & Bottle Machines
- Coffee Machines
- Cold Drink Machines
- Condiment Stands
- Cup Soda Machines
- Food Machines
- Glass Front Machines
- Ice Cream Machines
- Milk Machines
- Snack Machines

REPLACEMENT AMUSEMENT PARTS

- Crane Games
- Dart Games
- Foosball Games
- Hockey Games
- Jukeboxes
- Pinball Games
- Pool Tables
- Redemption Games
- Shuffleboard Games
- Soccer Games
- Video Games

INDUSTRIAL PARTS

- Controls
- Hoppers
- Snow Plow Controls

BILL VALIDATORS

- CashCode
- ICT
- MEI
- Pyramid

BILLIARD SUPPLIES

- 3M
- Barge Cement
- Belgian Aramith Balls
- Blue Knight
- Championship
- Charles W House & Sons
- Dynamo
- E.S.D.
- Elk Master
- Greenwald
- Le Pro
- Mali
- Master
- National
- Nortech
- Silver Cup
- TableMaster
- Tweeten Fibre Co
- Valley

CARD READERS

- Neuron
- Panasonic

CLEANING & MAINTENANCE SUPPLIES

- 3M
- Aero Lubriplate
- Camie
- Devcon
- Edward Vacuum
- Everpure
- GC/Waldom
- Goo Gone
- SUZO-HAPP
- Kester Solder
- Krazy Glue
- Krylon
- Loctite
- Mills
- Mr. ZIP
- Novus
- Oil Eater
- Sani-Tuff
- Scott
- Simple Green
- Sun-Glo
- Tech Spray
- Velcro
- WD-40
- Wildcat

COIN & CURRENCY EQUIPMENT

- American Changer
- Coin Mechanisms Inc.
- SUZO-HAPP
- Industrias Lorenzo
- Klopp International
- Lynde-Ordway
- Magner
- NRI
- Pap-R Products
- Standard Change-Makers

COIN DOORS

- Entropy U.S.A.
- SUZO-HAPP
- Wells-Gardner
- Coin Controls
- Industrias Lorenzo

DRIVING CONTROLS

- SUZO-HAPP Pedals
- SUZO-HAPP Shifters
- SUZO-HAPP Steering Wheels

ELECTRICAL SUPPLIES

- 3M
- AMP
- Cherry
- Cooper Bussman
- Duracell
- Eagle
- Eveready
- Hubbell
- Lightwave
- Maglite
- Molex
- Procell
- Rayovac
- Santronics
- Streamlight
- Tripp Lite
- Zippy

ELECTRONICS

- NTE

HOPPERS

- Azkoyen
- SUZO-HAPP

JOYSTICKS & TRACKBALLS

- SUZO-HAPP

LIGHTING

- CEC
- CI Innovations
- GE
- Philips
- Sylvania

MATERIAL HANDLING EQUIPMENT

- Akro-Mils
- B&P Manufacturing
- Dunn Tonner
- Dutro
- Escort
- Lectro Truck
- Lista
- Magliner
- Nortech
- Quantum
- Stevens
- U-Lift
- Wesco

METERS

- Emit
- ENM
- SUZO-HAPP
- Kessler-Ellis

MONITORS

- CERONIX
- SUZO-HAPP Vision Pro
- Kortek
- Makvision
- Neotec
- Tatung
- Wells-Gardner

GUNS

- SUZO-HAPP

POWER SUPPLIES

- SUZO-HAPP Power Pro

PRINTERS

- ICT
- FutureLogic

PUSHBUTTONS

- SUZO-HAPP
- Starpoint

SECURITY PRODUCTS

- Abus
- American Lock
- Duo
- Federal Lock
- Flex-Ace
- Fort Lock
- Gematic Locks
- Guardian
- SUZO-HAPP
- Key-Bak Key
- Master Lock
- Thrifty
- Van
- Venia

SPEAKERS

- Billabs
- DPI
- MTX
- Musica
- Peavey

TICKET DISPENSERS

- Deltronic Labs
- Entropy U.S.A.

TOOLS & TEST EQUIPMENT

- BladeSmith
- Crescent
- Diamond/Xcelite
- Eclipse
- Fluke
- GC/Waldom
- Hakko
- Lufkin
- Molex
- Pace
- Platt
- Plumb
- Portasol
- Sencore
- TPI
- Velleman
- Weller
- Wiss
- Xcelite

TOPPER BOXES

- SUZO-HAPP

TOUCH SCREENS

- 3M MicroTouch
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