

CRUIS'N EXOTICA

TM

SECTION FIVE

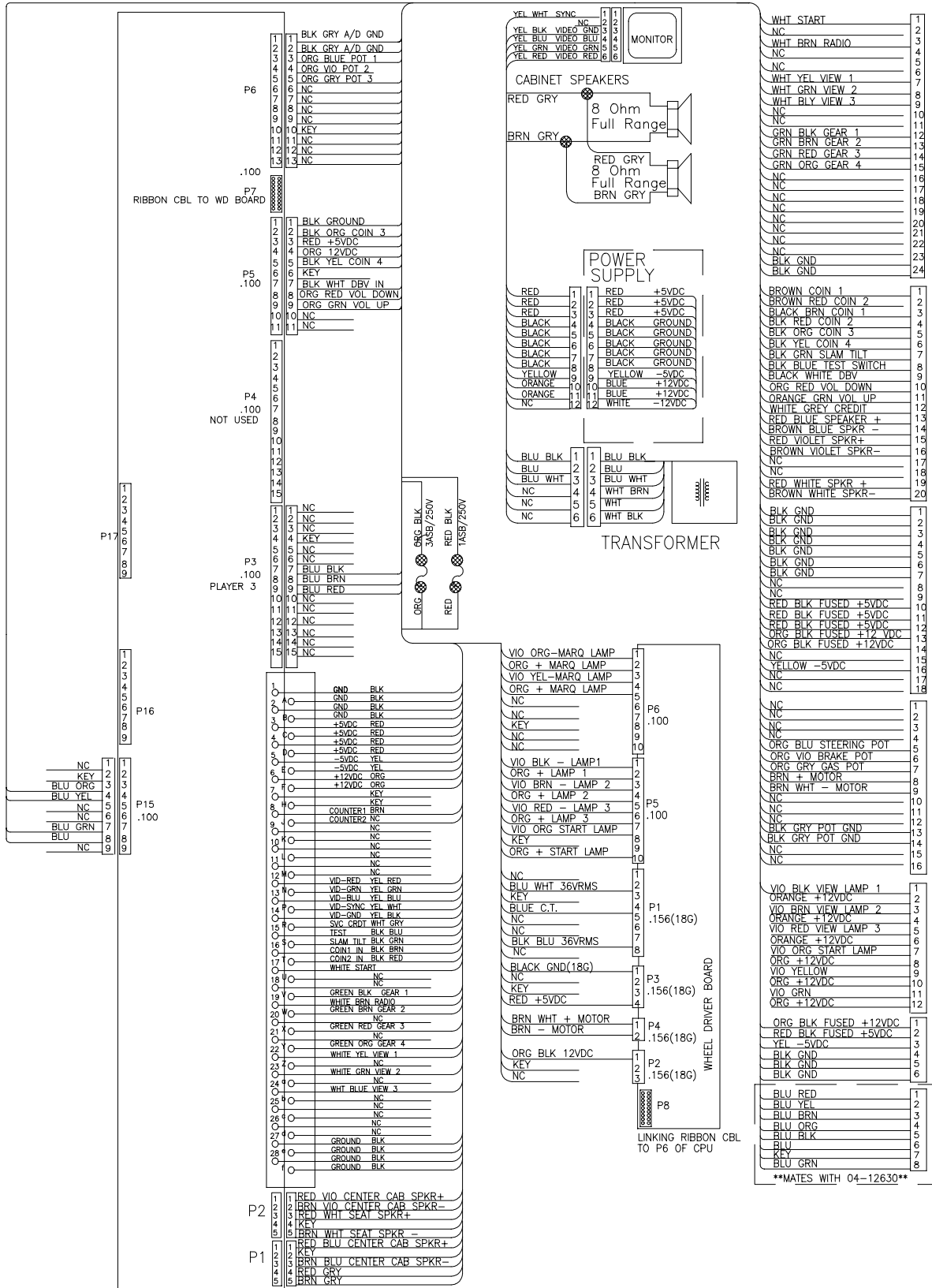
WIRING

JAMMA Chart					
FUNCTION	WIRE COLOR	PIN	PIN	WIRE COLOR	FUNCTION
Ground	Black	A	1	Black	Ground
Ground	Black	B	2	Black	Ground
+5VDC	Red	C	3	Red	+5VDC
+5VDC	Red	D	4	Red	+5VDC
-5VDC	Yellow	E	5	Yellow	-5VDC
+12VDC	Orange	F	6	Orange	+12VDC
	Key	H	7	Key	
Counter 2	N/C	J	8	Brown	Coin Counter 1
	N/C	K	9	N/C	
	N/C	L	10	N/C	
	N/C	M	11	N/C	
Video Green	Yellow/Green	N	12	Yellow/Red	Video Red
Video Sync	Yellow/White	P	13	Yellow/Blue	Video Blue
Service Credits	White/Gray	R	14	Yellow/Black	Video Ground
Slam Tilt	Black/Green	S	15	Black/Blue	Test Switch
Coin 2	Black/Red	T	16	Black/Brown	Coin 1
	N/C	U	17	White	Start
Gear 1	Green/Black	V	18	N/C	
Gear 2	Green/Brown	W	19	White/Brown	Radio Switch
Gear 3	Green/Red	X	20	N/C	
Gear 4	Green/Orange	Y	21	N/C	
	N/C	Z	22	White/Yellow	View 1 Switch
	N/C	a	23	White/Green	View 2 Switch
	N/C	b	24	White/Blue	View 3 Switch
	N/C	c	25	N/C	
	N/C	d	26	N/C	
Ground	Black	e	27	Black	Ground
Ground	Black	f	28	Black	Ground
SOLDER SIDE			COMPONENT SIDE		

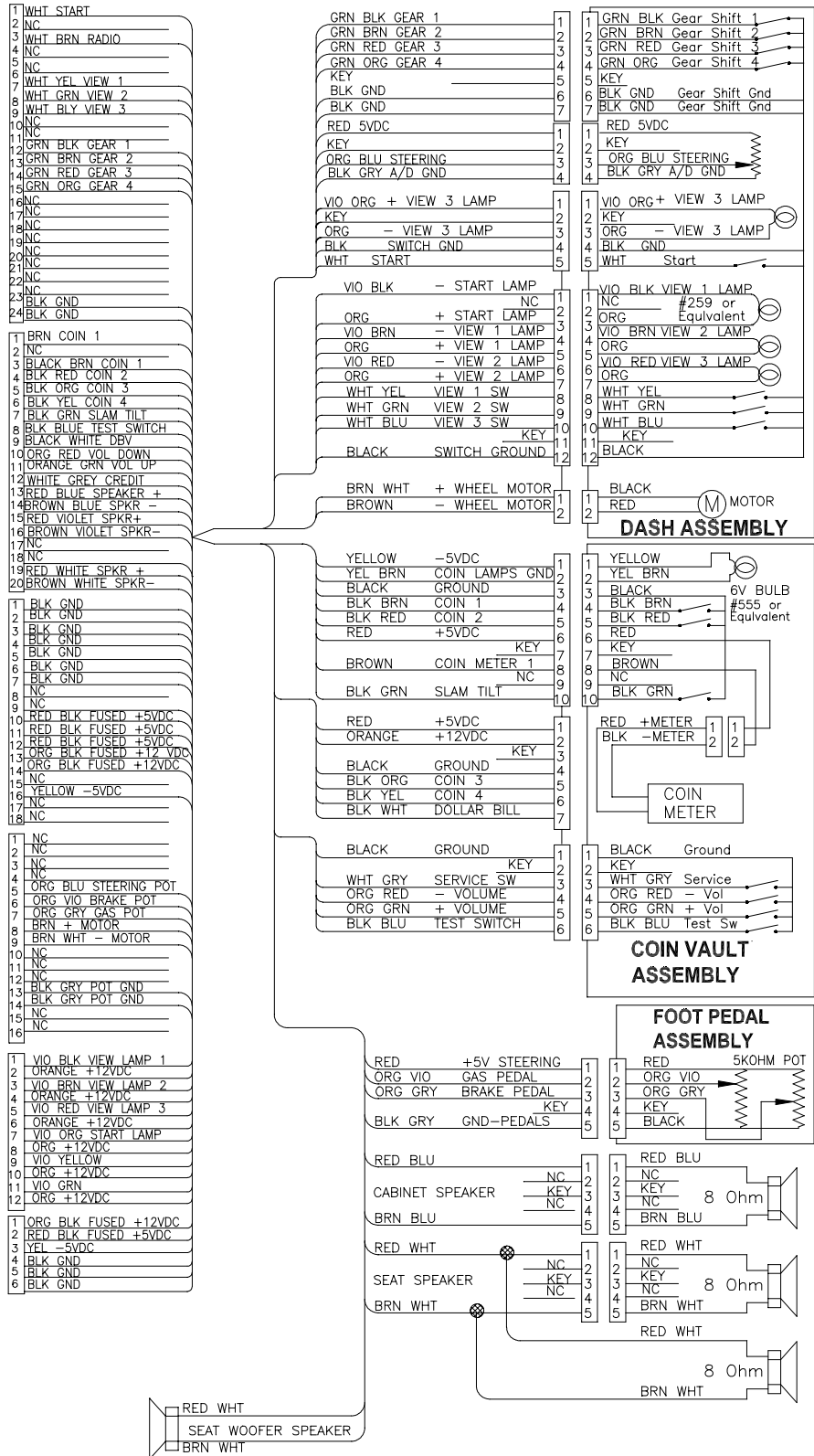
Dashboard Wires (Not part of the Main JAMMA Harness)			
Wheel Motor Black	Brown/White +	Green/Black	Gear Shift 1 (1 st)
Wheel Motor Red	Brown -	Green/Brown	Gear Shift 2 (2 nd)
Red	+5V Steering	Green/Red	Gear Shift 3 (3 rd)
Orange/Blue	Steering Position	Green/Orange	Gear Shift 4 (4 th)
Black	Ground Steering	Black	Gear Ground

DC Power Source Voltage Limits					
FUNCTION	RANGE LIMITS	ID	ID	RANGE LIMITS	FUNCTION
Digital Circuits	+4.90V to +5.10V	+5V	-5V	-4.75V to -5.25V	Audio; Lights
Audio; DBV	+11.5V to +12.5V	12V	NOTE: +5V is adjustable on the power supply.		

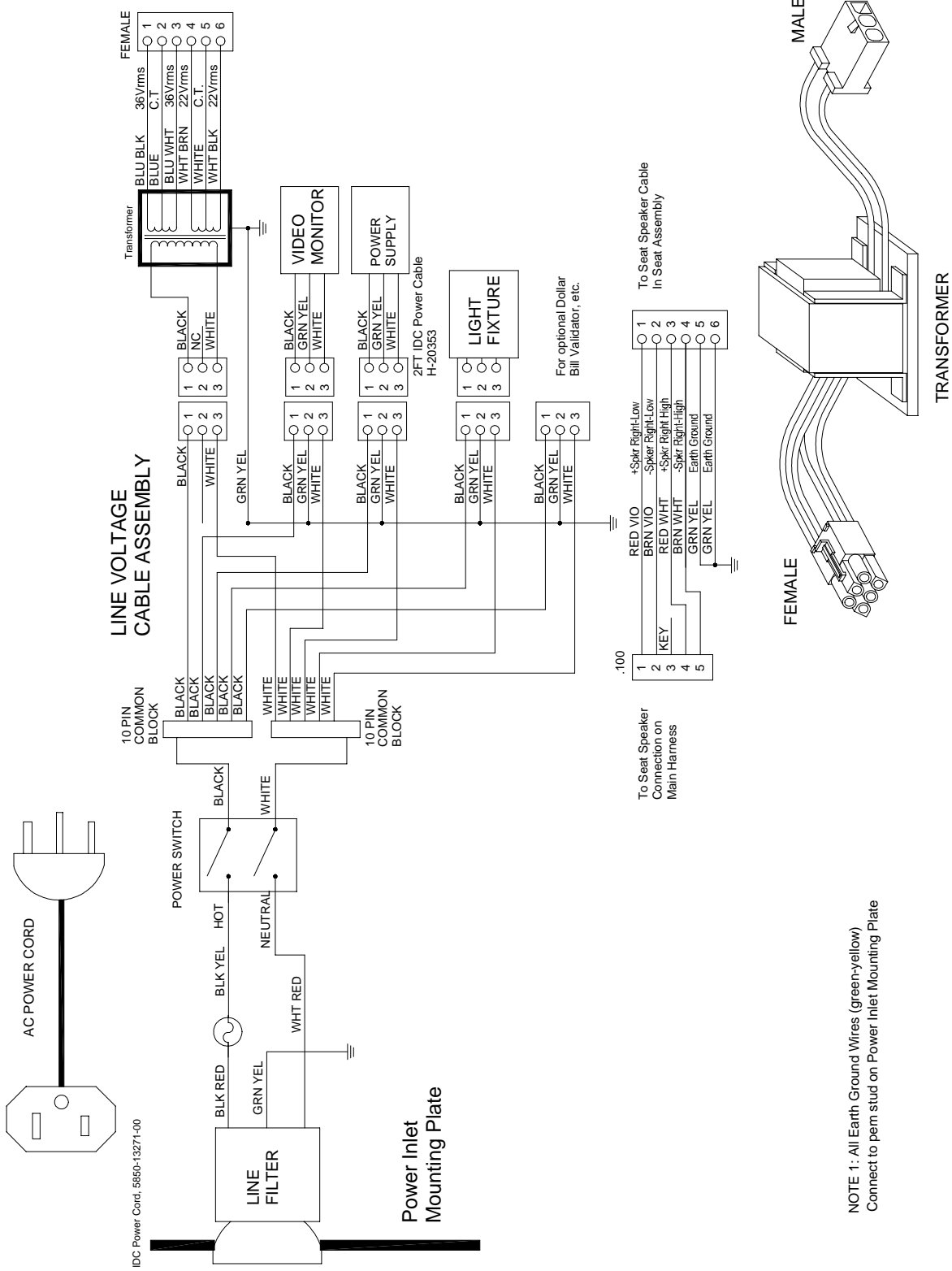
Main Cabinet Wiring



Control Cabinet Wiring



Power Wiring Diagram



CPU Board LED Indicator Status Chart					
DESIGNATION	LOCATION	FUNCTION	COLOR	STATE	MEANING
LED 6	Bottom Center	Diagnostic	Green	Off	Abnormal Game Play
				On	Abnormal Game Play
				Blinking	Signals Normal Game Play
LED 5	Bottom Center	I/O	Green	Off	PIC Recognized
				On	PIC Not Recognized
LED 4	Bottom Center	Sound	Orange	Off	Abnormal Operation
				On	Abnormal Operation
				Blinking	Signals Normal Operation
LED 3	Bottom Center	Power	Red	Off	Power Not Received
				On	Signals Normal Operation
				Blinking	Abnormal Power Reception

H-Bridge Board LED Indicator Status Chart	
<i>If Status LED Flashes...</i>	<i>Check to Make Sure...</i>
1 or 10 times	The motor's power connector is connected.
	The left encoder is connected.
2 times	The motor's power connector is connected.
	The right encoder is connected.
3 times	The left micro switch is connected.
	The left micro switch is not stuck.
4 times	The right micro switch is connected.
	The right micro switch is not stuck.
5 times	The left encoder is connected.
6 times	The right encoder is connected.
7 times	The left motor's power connections are not reversed.
8 times	The right motor's power connections are not reversed.
9 times	The fuse isn't blown.
	The 48V power supply connection is attached to the board.

CPU DIP Switch 1 Settings

Function	SW1	SW2	SW3	SW4	SW5	SW6	SW7	SW8
Dedicated Kit	OFF ON							
Motion Disabled Motion Enabled		OFF ON						
Stand Up Style Cabinet Sit Down Style Cabinet			OFF ON					
Wheel Invert Disabled Wheel Invert Enabled				OFF ON				
Unused					OFF ON			
Link Disabled Link Enabled						OFF ON		
Linking I.D. Number								
Master (Game Number 1)							OFF	OFF
Slave (Game Number 2)							ON	OFF
Slave (Game Number 3)							OFF	ON
Slave (Game Number 4)							ON	ON

CPU DIP Switch 2 Settings

DIP Switch 2 Settings	SW1	SW2	SW3	SW4	SW5	SW6	SW7	SW8
COUNTRY CODE								
USA	OFF*	OFF*	OFF*	OFF*	OFF*			
GERMANY	ON	OFF	OFF	OFF	OFF			
FRANCE	OFF	ON	OFF	OFF	OFF			
CANADA	ON	ON	OFF	OFF	OFF			
SWITZERLAND	OFF	OFF	ON	OFF	OFF			
ITALY	ON	OFF	ON	OFF	OFF			
UK	OFF	ON	ON	OFF	OFF			
SPAIN	ON	ON	ON	OFF	OFF			
AUSTRALIA	OFF	OFF	OFF	ON	OFF			
JAPAN	ON	OFF	OFF	ON	OFF			
TAIWAN	OFF	ON	OFF	ON	OFF			
AUSTRIA	ON	ON	OFF	ON	OFF			
BELGIUM	OFF	OFF	ON	ON	OFF			
SWEDEN	OFF	OFF	OFF	OFF	ON			
FINLAND	ON	OFF	OFF	OFF	ON			
NETHERLANDS	OFF	ON	OFF	OFF	ON			
NORWAY	ON	ON	OFF	OFF	ON			
DENMARK	OFF	OFF	ON	OFF	ON			
HUNGARY	ON	OFF	ON	OFF	ON			
GENERAL	ON	ON	ON	OFF	ON			
USA1/GER1/FR1/SPN1/AUSTRIA1/GEN1						OFF	OFF	
USA3/GER1/FR1/SPN1/AUSTRIA1/GEN3						ON	OFF	
USA7/GER1/FR1/SPN1/AUSTRIA1/GEN5						OFF	ON	
USA8/GER1/FR1/SPN1/AUSTRIA1/GEN7						ON	ON	
CAN1/SWI1/ITL1/UK1/JPN1/TWN1/BLGN1						OFF	OFF	
CAN2/SWI2/ITL2/UK2/JPN2/TWN2/BLGN2						ON	OFF	
CAN3/SWI3/ITL3/UK3/JPN3/TWN3/BLGN3						OFF	ON	
NTHRLDS1/FNLD1/NRWY1/DNMK1/HUN1						OFF	OFF	
NTHRLDS2						ON	OFF	

* Denotes default setting. Switches 1 through 5 select country. Switches 6 and 7 are used to select one of four modes for each country.

NOTES ON COINAGE:

There are many ways to select the type and quantity of currency recognized by the game machine.

1. The most common coin combinations for several countries are pre-programmed and can be selected from the table when Standard Pricing is activated (see Game Adjustments).
2. DIP Switch settings may be changed with the power switched on. Set any switch and then observe the screen to verify that the desired selection is enabled. **NOTE:** If CMOS Coin Settings are active, switch settings for an individual Country will have no effect.
3. Some European countries may accept currency used in other countries. The most popular coinage settings are listed beneath 'Other' in the Standard Pricing Table.
4. Alternate settings are listed beneath 'General' in the Standard Pricing Table.

NOTES