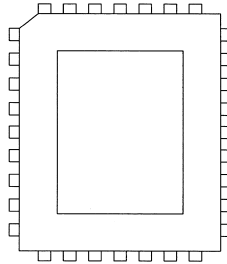




Series *1100*

E-PROM REPLACEMENT GUIDE

P/N 251055057



The E-Prom Replacement Guide includes the instructions necessary to replace the E-Prom for the ZT1100 Series. It is recommended that you use the E-Prom Replacement Kit (Part Number 210826001).

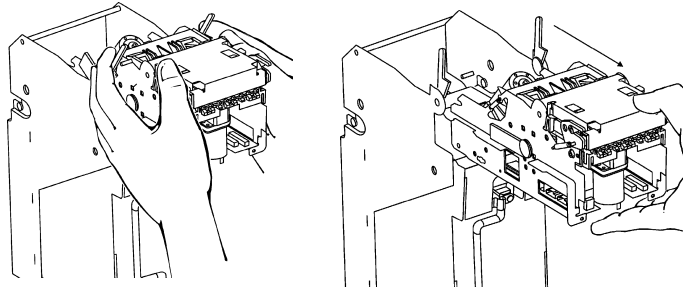
Accessory equipment needed

- Calibration Kit (Part Number - 251061008)
- E-Prom Replacement Kit (Part Number - 210826001)

REMOVING THE OLD CHIP

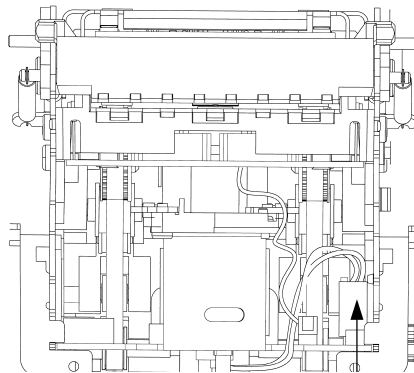
RTU Removal

- 1) Pull forward on the release lever on top of the RTU. At the same time, pull forward on the RTU to its first locked position (about half-way out).
- 2) Again, pull forward on the release lever. Pull forward on the RTU to remove it from the Chassis.

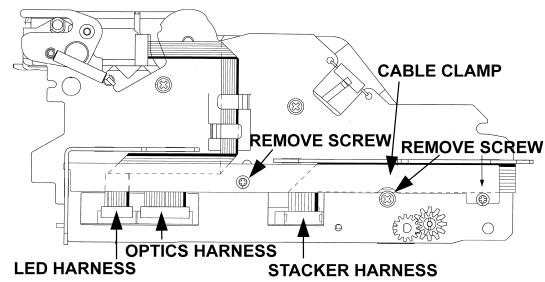


E-Prom Removal

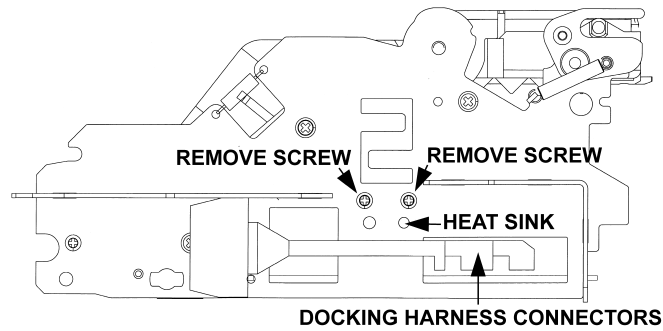
- 1) Disconnect the Drive Motor connector.



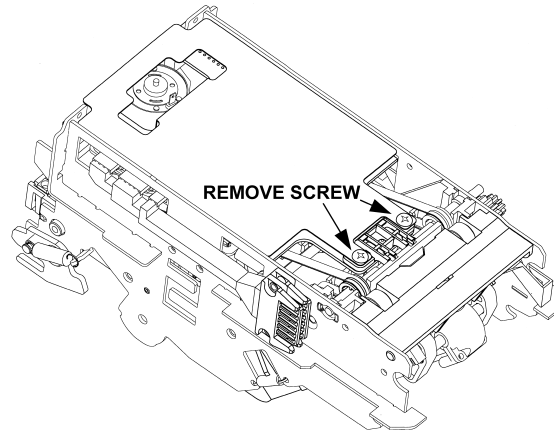
2) Remove the 2 screws holding the cable clamp in place. Then disconnect the Led harness, Optics housing, and the Stacker housing.



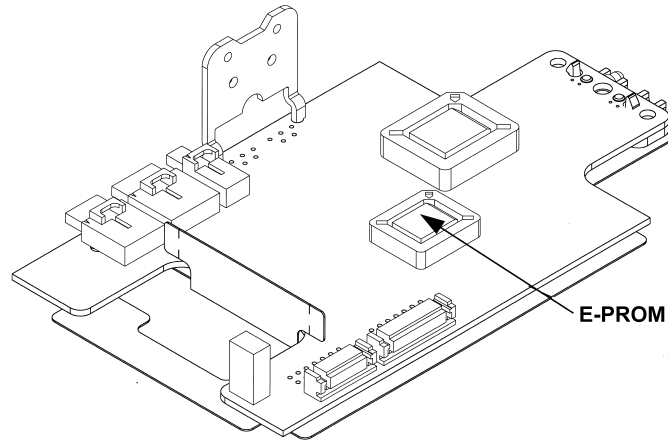
3) Remove the two screws connected to the heat sink, then push the heat sink slightly forward using a small flat head screwdriver. Disconnect the Docking Harness.



4) Remove the two screws connected to the Bob Sensor on the control board. Then slide the control board out of the RTU.

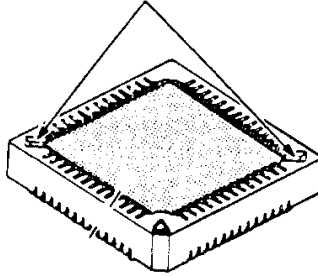


5) Locate the E-Prom on the on the control board. The E-Prom is a 32 pin chip.

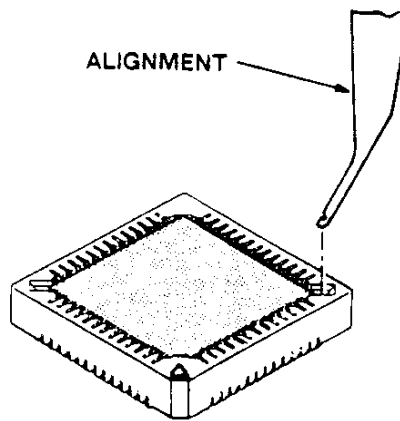


6) Remove the chip from it's socket. Use an Amp extraction tool for plastic leded chip carriers (E-Prom Replacement Kit Part Number 210826001) or equivalent tool. Locate the extraction slots.

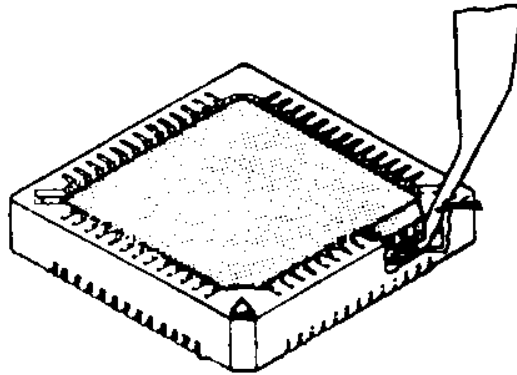
Extraction Slots



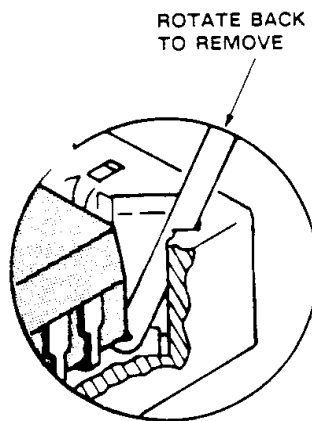
7) Insert the extraction tool into the socket so that the front angle of the tool is perpendicular to the socket.



8) Lower the extraction tool into the extraction slot until it bottoms out.



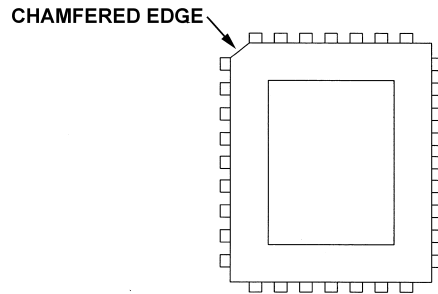
9) Pull the tool back away from the socket using slight downward pressure until the corner of the chip lifts away from the socket.



10) Repeat on the opposite extraction slot and lift chip out of the socket.

INSTALLING THE NEW CHIP

- 1) Identify the corner of the new chip having the chamfered edge (corner).



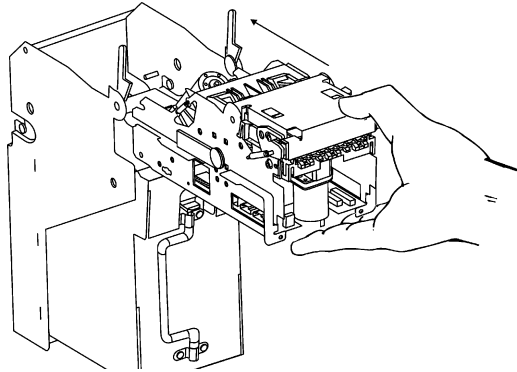
- 2) Align the chamfered edge of the new chip with the chamfered corner of the chip socket.
- 3) Press the chip into the chip carrier.

The chip carrier should receive the chip without much effort. **DO NOT FORCE THE CHIP INTO THE CHIP SOCKET!** If the chip does not install easily re-check the alignment of the chip to the socket.

NOTE: Make sure the chip is firmly in place - press on all four corners of the chip. **DO NOT USE A SCREWDRIVER OR ANY OTHER SHARP METAL INSTRUMENT TO PERFORM THIS TASK.**

RTU Installation

- 1) Reinstall the Control Board to its original position.
- 2) Make sure all bill path access areas are latched closed.
- 3) Slide RTU into the Chassis and push firmly to seat the unit.



4. Calibrate the unit! Once the above steps have been followed, the unit must be calibrated according to the procedure contained in the Calibration Kit (part number 251061008).

If you have any questions please contact MEI via the following:

- Customer Service 1-800-345-8215
- Technical Support 1-800-345-8172
- Repair Service 1-800-634-1365