Crane Systems

# IMPORTANT SERVICE INFORMATION SYSTEM EPROM REMOVAL/INSTALLATION

## **REQUIRED TOOLS**

- Large Phillips or slotted Screwdriver for cover screws.
- Chip Puller (OK-Model EX-2 or equivalent).

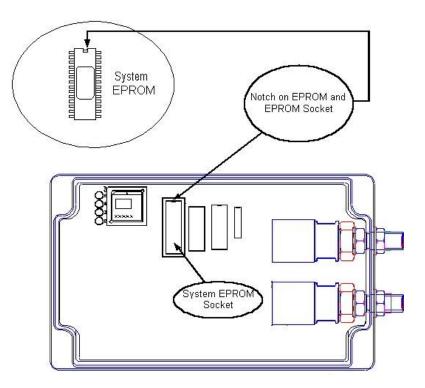
Use of screwdrivers, pocket knives, etc. are prohibited and will void the unit warranty.

OK Industries Chip puller

## **REMOVING THE SYSTEM EPROM**

- 1. Assure that power to the unit is disconnected.
- 2. Before handling the chips, touch the enclosure to discharge any static electricity that may be in your body.
- 3. Locate the System chip, as shown in the illustration below. Using the removal tool identified above (or the equivalent), grasp and remove the existing EPROM chip.

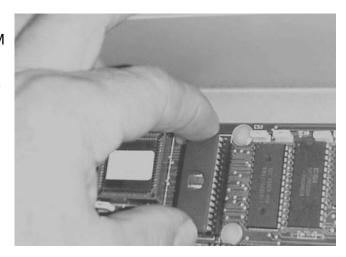
NOTE: The EPROM has a notch at one end to indicate proper polarity. Almost without exception, either the board or the IC socket on the board will have a marking or notch to indicate proper alignment for EPROM insertion. The installer must be sure that the notch on the EPROM is aligned properly; if not, the EPROM could be damaged.



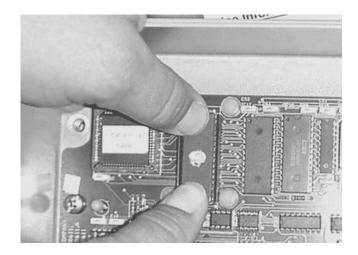
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## **INSTALLING THE SYSTEM EPROM**

- Be sure that the polarity is correct and that all of the legs on the EPROM are aligned properly with the socket.
- With fingers, apply gentle pressure to assure that all of the legs on the EPROM are started into the correct holes in the IC socket.



- Using equal pressure with both fingers, seat the EPROM fully into the IC Socket.
- Reinstall the enclosure cover and retighten all of the cover screws evenly and tightly to prevent entry of moisture.
- 5. Reestablish any electrical connections that were disconnected during the procedure.
- 6. Start the unit and test functions; ensure that all work properly.



Refer questions regarding this procedure to the Greer Company Customer Service Department at the number below.