

## Moyer Process & Control Company

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Before handling the EPROM or touching anything inside the gage, discharge your bodies static electric charge by touching a grounded surface.

### **WARNING!! DISCONNECT GAGE FROM POWER SOURCE BEFORE PROCEEDING.**

- Slide off the top cover by removing the two on the back.
- From the back looking in, the big board mounted on the front panel is the CPU Board.
- The EPROM is socketed in the middle towards the bottom of the board, and has a white label.
- With a small screwdriver, slide in between the socket and EPROM and gently lift the EPROM.

Installing the EPROM is a little more tricky.

- Remove the EPROM from the antistatic bag and foam. Do not slide EPROM across any flat surface. Avoid plastic, vinyl, furs, and Styrofoam in the work area.
- There is a little "dimple" on the top of the EPROM, this is pin1.
- When looking from the back into the gage, pin1 goes towards the left, or towards all the ribbon cables. This is very important. If EPROM is installed wrong, the chip will internally blow, and not work..
- Align the pins with the socket holes and gently but firmly press into place.
- It's a good idea to use a small mirror and check the pins of the eprom to make sure they're all in their holes and not bent over.

### Initializing (Rebirthing) New EPROM

- Plug in gage.
- Press and hold the "mode" and "4" key and turn power on. Continue holding for a few seconds, then release. This is Hardware Test Mode.
- Move cursor up and down to make sure it works. Turn the sort and adjust knobs back and forth while watching the screen. Make sure the numbers for the SORT, ADJUST and PROBE are changing. Turn off.
- Press and hold the "Mode" key and turn gage on. Release after you see the SETUP Screen come up. DON'T PANIC. The screen may look a little funny.
- Move the cursor through each option and toggle. At the options where data is entered, clear it all out and re-enter the information.
- Change the screen to the CONFIGURE by moving the cursor to "CONFIGURE" and press "ENT".
- Do the same in the CONFIGURE screen as in the SETUP screen. Move the cursor thru each option and toggle. At options where data is entered, clear it all out and re-enter the information.
- When done, turn the power off. The gage is now ready to be setup and used.

Please contact Moyer at 260/495-2405 if you have any questions or problems.