The MPU416LD allows FA464DR, FA416D, and FA416DR users to view "alarm memory".

NOTE: The FA464DR is UL Listed. When shipped with the MPU416LD microprocessor, the unit is designated "FA464LD". The FA416D and FA416DR are <u>not</u> UL Listed.

Features:

- The MPU416LD microprocessor stores and recovers the identity of points that have restored from alarm condition.
- Alarms are viewed by pressing the Review Status button and are retained until the receiver is reset.
- Alarms are stored whether outputs are programmed momentary, latching or follower.
- Alarm activations are displayed sequentially by transmitter number.
- One message per point will appear if a transmitter has been activated since the last receiver reset. The receiver shows only that a point has been activated. **It does not indicate how many times a point may have transmitted alarms.**
- Only alarms are stored. The receiver does not retain tamper, low battery or inactive faults, unless they are programmed to latch their respective outputs.
- Replacing the microprocessor will NOT cause the receiver to lose programming. Previous programming is stored in the 8-pin EEPROM at the center of the board.

Installation:

1. Remove power from the receiver.
2. To access the microprocessor on the FA416D and FA416DR, remove the display module by carefully pulling it upward off its header pins.
3. Note the orientation notch on the installed microprocessor.
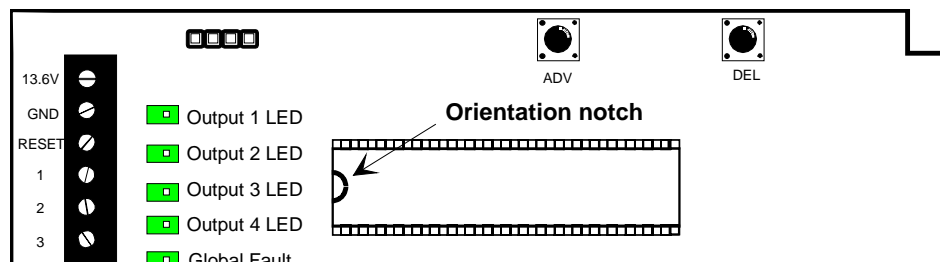
4. The microprocessor is mounted in an integrated circuit (IC) socket. Carefully remove the installed micro. If a custom tool is not available, use a miniature flat screwdriver, alternately prying *gently* from each end until the pins pull free from the IC socket.
5. Remove the new microprocessor from its packaging. Use packaging to store the old micro.
6. Orient the new chip. Carefully locate pins on one side of the micro into one edge of the socket, then start the pins on the other side.
7. Gently and evenly increase pressure on the entire microprocessor until the component is solidly seated in the socket.
8. Inspect both sides of the socket, looking for bent or misaligned pins.
9. On the FA416D and FA416DR, re-install the display module, making sure that the display socket aligns exactly with the pins on the board.
10. Apply power to the unit and test thoroughly.

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