

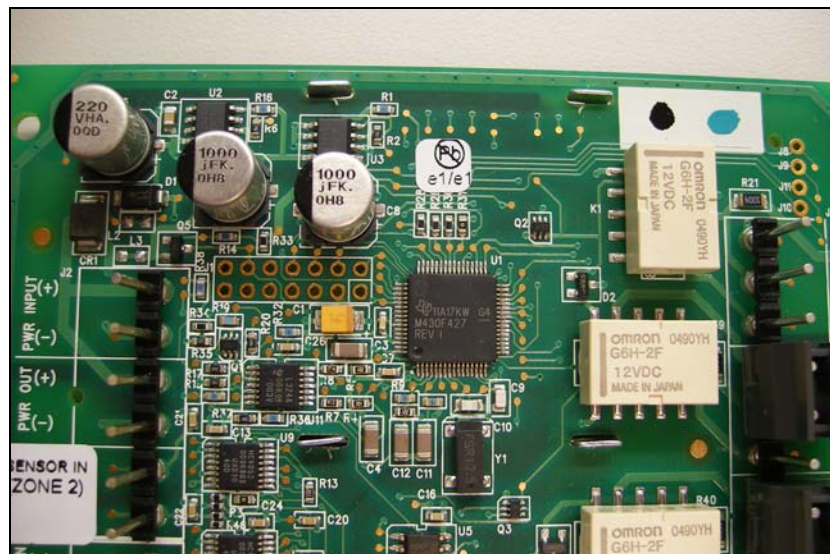
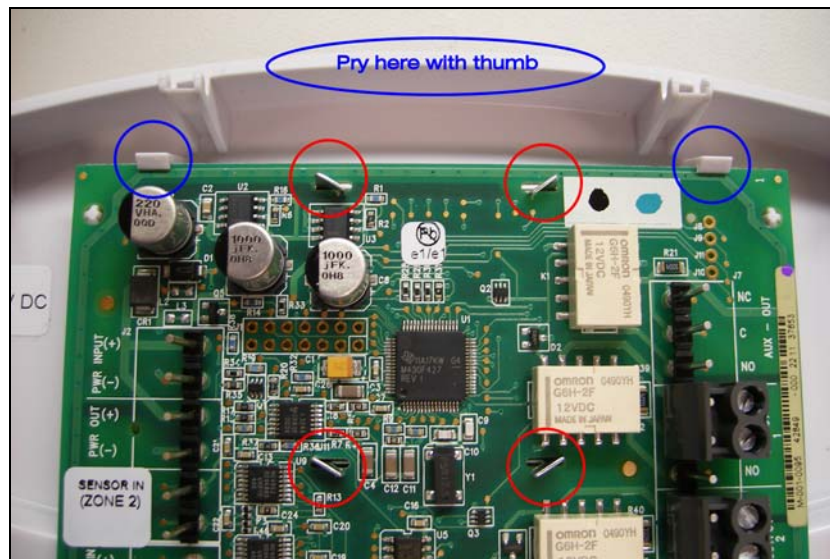
EA200/400 Display Reassembly

If an EA200 or EA400 display appears to be missing segments, it could be that the elastomeric (zebra) strips have become misaligned. When powering the device, all display segments should be lit briefly. This will help you determine whether your device has a display problem.

Luckily, the display assembly consists of five pieces and no soldering skills are required to fix this. A needle nose pliers should be the only tool required.

STEP 1: Remove the circuit board and display frame.

- Gently pry in the area indicated below to release the white clips, one at a time, holding the circuit board in place. Use this same technique later when reassembling. Take care so that the white plastic clips are not broken.
- Straighten the four metal tabs using a needle nose pliers to free the display.



STEP 2: Disassemble the display.

The display will consist of five pieces: metal display frame (1), plastic display bezel (1), display glass (1), and elastomeric strips (2). Ensure that the elastomeric strips are clean, since any foreign material will prevent them from making a good connection with the display glass.



STEP 3: Reassemble the display.

- The yellow display bezel has two pins that will fit into holes in the circuit board. There is only one way that the bezel will fit due to this. The notch should be on the left, as shown.
- The elastomeric strips fit into the two slots on the display bezel. Both strips should be identical and there is only one way they will fit in the slots – vertically.
- The display glass has a bump on the left side. This must align with the notch on the bezel.
- Reinstall the metal frame and bend the tabs to secure it to the circuit board.
- Carefully install in front plastic housing in the same manner as removed in Step 1.

