

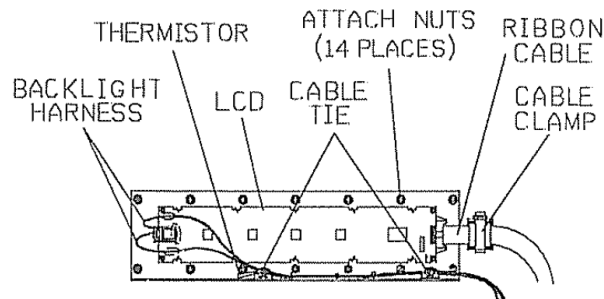
# LCD Replacement Procedure: FMU-2500

**CAUTION** This procedure should NOT be attempted in a rainy environment!

Existing LCDs may be large or small.

- The large LCD mounts directly to 4 standoffs on the inside of the cabinet door. A replacement for a large LCD may be a small LCD with an adapter plate.
- The small LCD mounts to a black plate attached to the inside of the cabinet door. The small LCD with an adapter plate will replace a large LCD. A large LCD, however, will not replace a small LCD.

**NOTE** FMU-2500 has no backlight harness connector, thermistor wire, or cable clamp for the backlight harness.



WITH SMALL LCD



## Remove the LCD

1. Shut off power to the FMU.
2. Unlock and open the cabinet door.
3. Disconnect the ribbon cable from the LCD.



**NOTE** Note the orientation of the ribbon cable connector in the LCD receptacle, so the cable can be replaced properly.

4. Remove the Phillips screws from the corners of the LCD.

**CAUTION** Vinyl screws strip very easily. Using a drill or electronic screwdriver is NOT recommended.



5. Remove LCD.

## Replace the LCD

**NOTE** The replacement LCD may be a smaller unit with an adapter plate that will mount to mounting studs (or screw holes) for the removed large LCD.

1. Position the new LCD Assembly over mounting studs (or screw holes), and loosely attach (do not tighten) the top 2 wing nuts or screws.



2. Install remaining wing nuts or screws, and finger-tighten.

**CAUTION** Vinyl screws strip very easily. Using a drill or electronic screwdriver is NOT recommended.



3. Clean the LCD screen's contractor pins where they connect to the ribbon cable, using the provided alcohol wipe.
4. Install the cable tie around all cables and gather them so wires swing clear when the door is closed. Refer to the image taken prior to removing the cables.
5. Check all connections are secure.

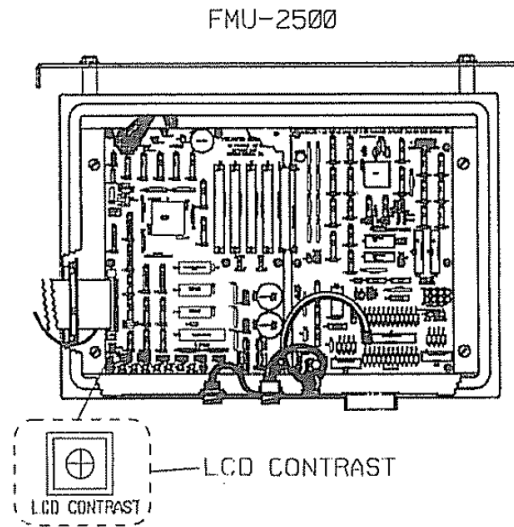
**CAUTION** Do NOT apply power to the FMU prior to verifying all connections are correct and secure. Otherwise, component damage may occur.

6. Apply AC power and verify LCD is functioning properly by observing LCD during initialization. LCD should initialize and display:

**FUELMASTER FUEL MANAGEMENT SYSTEM**

**INSERT KEY, HOLD 1 SECOND TO BEGIN**

7. If the display is not visible, or LCD is displaying two black lines, adjust the LCD Contrast until the display is clear.



**TIP** If any questions arise, contact Syntech Systems, Inc.'s Customer Satisfaction Center (CSC) at 1-800-888-9136, ext. 2, or email [support@myfuelmaster.com](mailto:support@myfuelmaster.com).