

U10 IC/CHIP REPLACEMENT PROCEDURE (FMU 2500/3000)

CAUTION This procedure should not be attempted in a rainy environment!

This is a hardware update for your FMU. It includes an update to one of the components located on the Main board of the FMU. This update covers all models of the FMU2500 & FMU3000 series. This update is needed for GateMaster as well as FuelMaster. This procedure will walk you through the removal of the existing “U10” chip or IC (integrated circuit) and installation of the replacement IC.

Removal

1. From the Central Controller, download transactions (not QUERY).
2. Open the upper and lower cabinet doors and turn off POWER to the FMU!
3. Locate the Main Board of the FMU. This board is labeled “FuelMaster 68332 Main” and is in the upper cabinet of the FMU. It is the board on the left.
4. Locate the “U10” IC. “U10” is the component location of the IC. It can be found on the main board of the FMU. The IC is in socket “U10” near the upper left side of the board (circled in Figure 1).
5. Carefully remove the IC from the socket. This can be done with a chip puller or small flat head screwdriver. Be careful not to bend any pins.

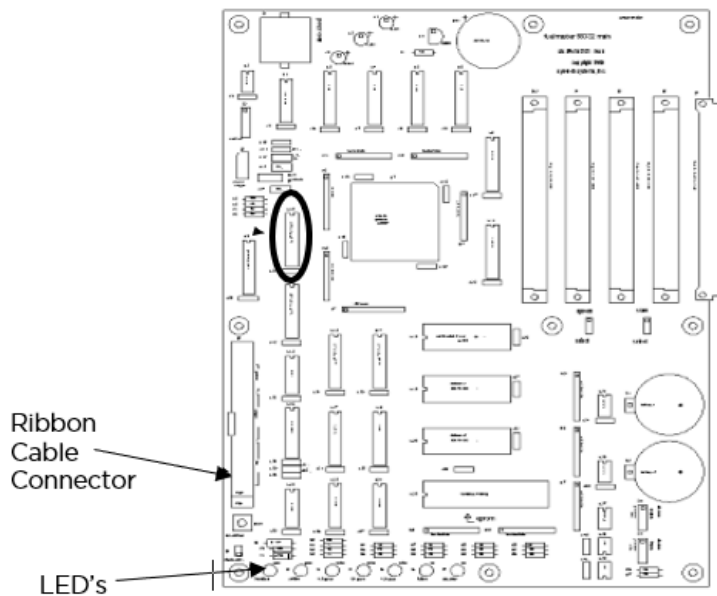


Figure 1

Installation of the replacement “U10” IC

1. The replacement IC is labeled “CPU2_RAb”.
2. Make note of the “Notch” and/or the “dot” located on the IC (Figure 2).

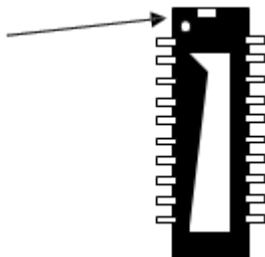


Figure 2

3. With the notch or dot UP, carefully insert the IC into the “U10” socket. Be careful not to bend any pins or legs on the IC.
4. Restore Power to the FMU and close the doors.
5. After the FMU has completed its boot up sequence, the display should show:

FUELMASTER FUEL MANAGEMENT SYSTEM

INSERT KEY, HOLD 1 SECOND TO BEGIN

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.