

INSTALLATION INSTRUCTIONS FOR M3 UNIT CONTROLLER LCD ASSEMBLY
REPLACEMENT KIT (10X85)

⚠ WARNING

Improper installation, adjustment, alteration, service or maintenance can cause personal injury, loss of life, or damage to property.

Installation and service must be performed by a licensed professional installer (or equivalent) or a service agency.

Shipping and Packing List

- 1- M3 Unit Controller LCD Assembly
- 1- Installation Instructions (this document)

Removing the Cover

- 1. Power down the rooftop unit.
- 2. Insert a flat screwdriver into the loops located on the side edges of the display and gently pry tabs out to release the display from the M3 Unit Controller.

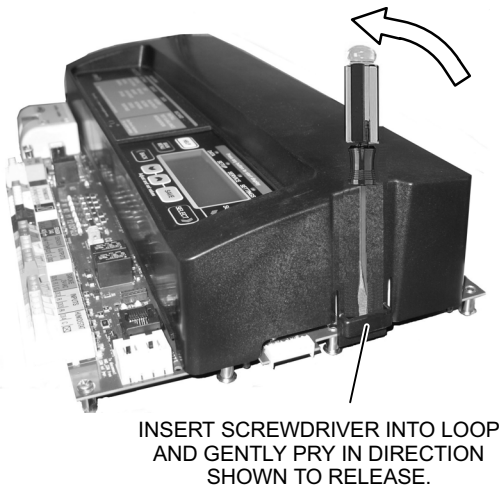


Figure 1. M3 Unit Control Cover Removal

Removing the LCD Assembly

⚠ CAUTION

ELECTROSTATIC
DISCHARGE (ESD)
Precautions and
Procedures

Electrostatic discharge can affect electronic components. Take precautions during unit installation and service to protect the unit's electronic controls. Precautions will help to avoid control exposure to electrostatic discharge by putting the unit, the control and the technician at the same electrostatic potential. Neutralize electrostatic charge by touching hand and all tools on an unpainted unit surface before performing any service procedure

- 1. Remove the four (4) screws that secures the LCD assembly to the M3 Unit Controller.

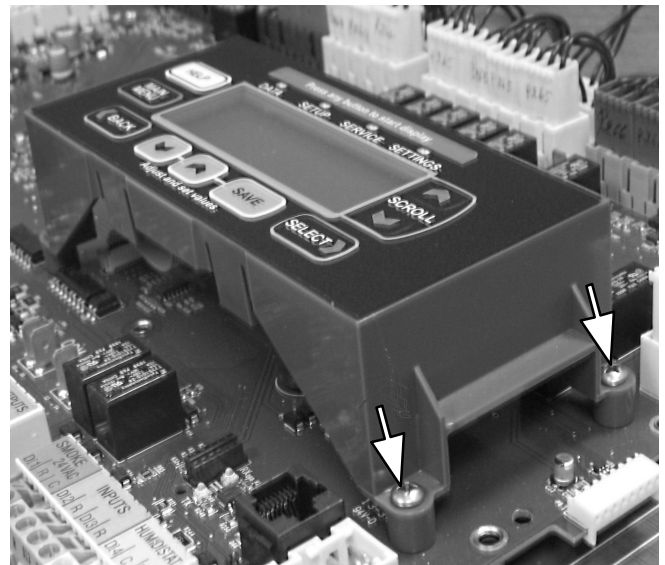


Figure 2. Remove Four (4) Screws Securing LCD Assembly

2. Lift the LCD assembly vertically up to disconnect the 18-pin header from the M3 Unit Controller connector.

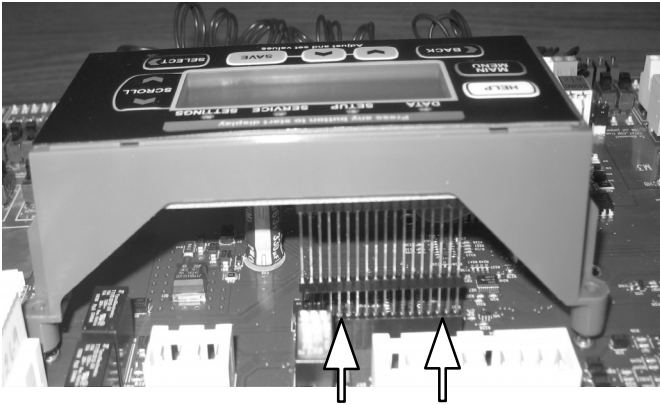


Figure 3. Removing LCD Assembly

3. To remove the flat ribbon cable from the M3 Unit Controller, gently grasp the connector end edges and pull up. This will release the flat ribbon cable latch to allow for easy removal of the flat ribbon cable.

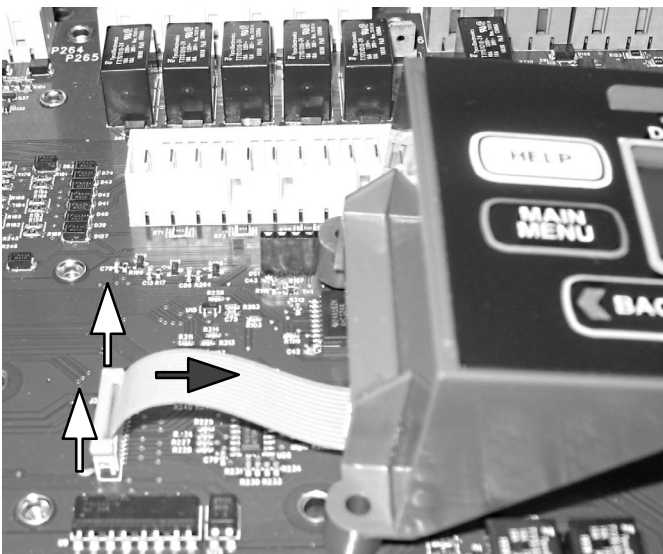


Figure 4. Disconnecting Flat Ribbon Cable

Installing the New LCD Assembly

1. To install the ribbon cable to the M3 Unit Controller, insert the ribbon cable into the connector. Then gently

grasp the connector end edges and push down to lock the latch. This will secure the ribbon cable to the M3 Unit Controller.

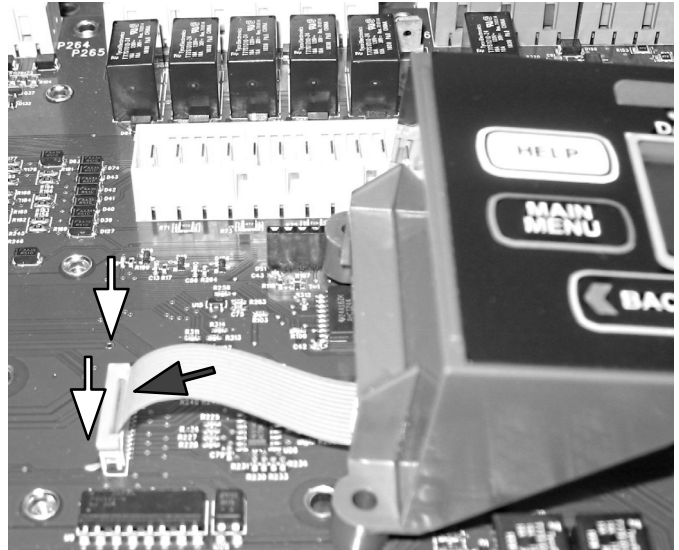


Figure 5. Connecting the Flat Ribbon Cable

2. Carefully lower the LCD assembly vertically down and align the 18-pin header to the M3 Unit Controller connector. Verify the connector and pins are aligned and press down to secure.

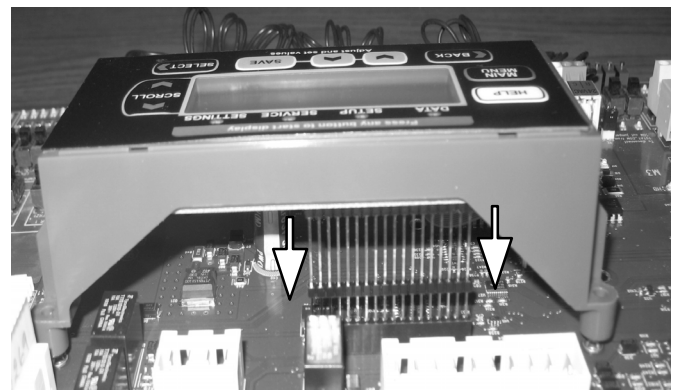
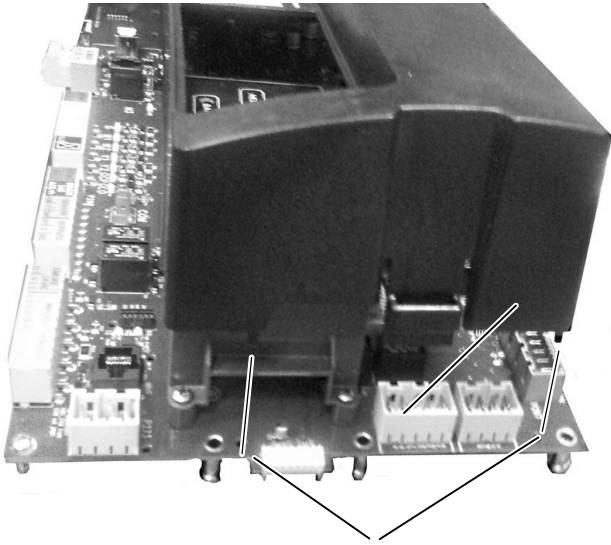


Figure 6. Installing LCD Assembly

3. Reinstall the four (4) screws to secure the LCD assembly to the M3 Unit Controller. Do not over tighten screws.

Installing Cover

1. Insert alignment pins into corresponding holes on the M3 Unit Controller; evenly press display onto the M3 until both tabs latch onto the M3 Unit Controller.



ALIGN PINS IN DISPLAY CASE
WITH HOLES IN CONTROLLER
(BOTH ENDS)

Figure 7. Installing M3 Unit Controller Cover

2. Power up the rooftop unit.