Honeywell

UMC 800
Operator Interface Display Lamp
Replacement Instruction

Display Lamp Kit (Part Number 51404610-501)

Document Number   Form: 51-52-33-103
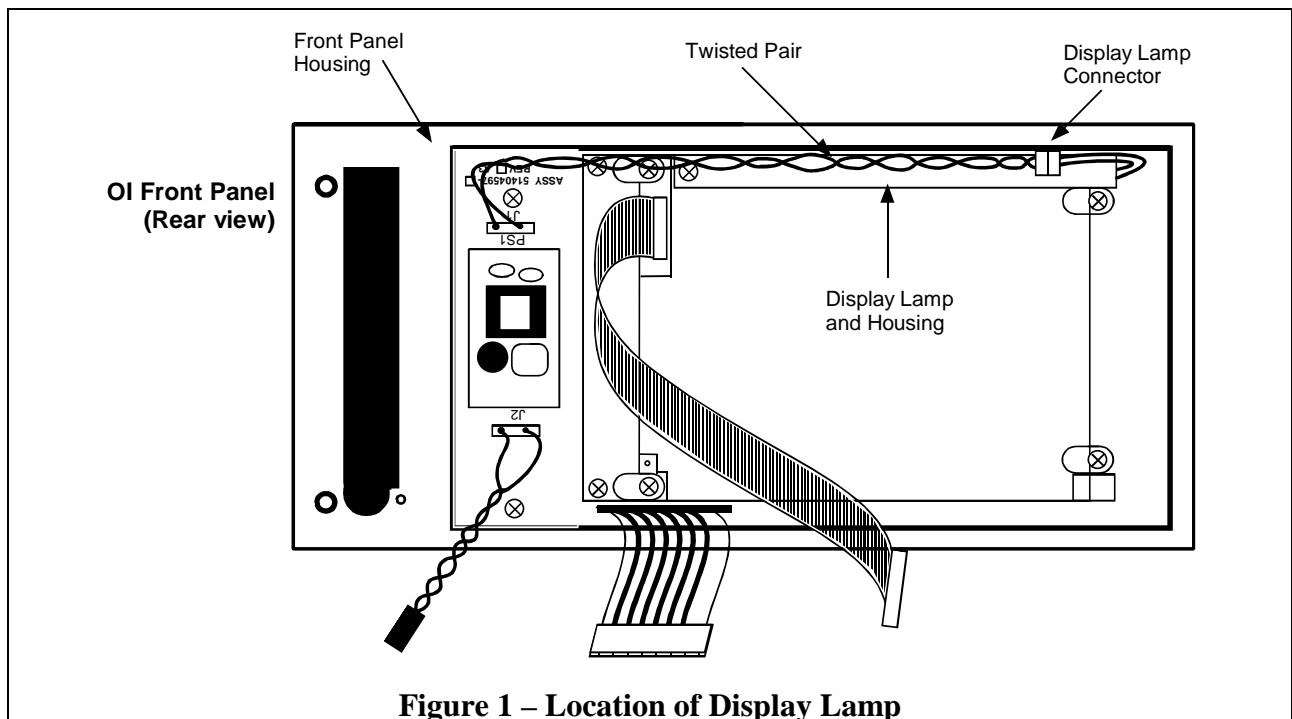Effective: 6/98
Supersedes: None

Summary   Enclosed is a new display lamp assembly for the Operator Interface (OI) of your UMC 800 Controller. Use the following procedure to replace it.

WARNING Never access components inside the operator interface with power applied.

CAUTION This equipment contains devices that can be damaged by electrostatic discharge. It is imperative that assemblies containing static-sensitive devices be carried in conductive plastic bags. When adjusting or performing any work on such assemblies, grounded work stations and wrist straps must be used.

Tools Needed   You will need a small Phillips-head screwdriver to perform this procedure.
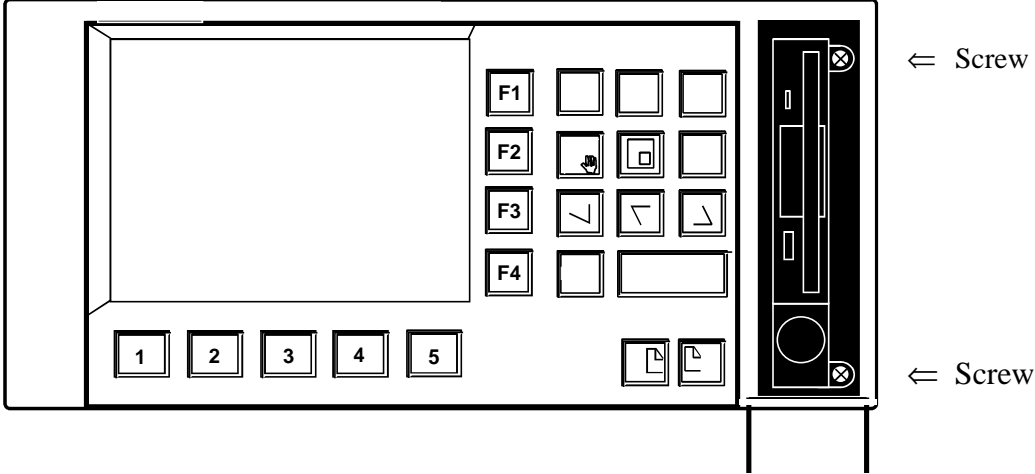
Component Location   Refer to Figure 1 for the location of the display lamp assembly and Table 1 for the replacement procedure.

Figure 1 – Location of Display Lamp

**Replacement
Procedure**

Follow the procedure in Table 1 to replace the OI display lamp in the operator interface.

Table 1 – OI Display Lamp Replacement (Refer to Figure 1.)

Step	Action
1	Open the door on the righthand side of the OI unit. If OI is equipped with a disk drive, press the button on the front to eject the diskette from the disk drive.
2	Remove power from the operator interface by removing the cable from the back of the unit.
3	Remove the front cover by removing two screws at the right, next to the disk drive. See figure.
4	Angle the right side of the front panel away from the unit and release it from the hinge at the left.

5	Unplug the following cables from connectors on the CPU board and remove the front panel.
	
	     a) OI display cable from J1.
	
	     b) Keypad cable from J2.
	
	     c) Twisted pair cable from J9.

6	Unplug the twisted pair cable from the display lamp connector.
7	Remove the screw attaching the white display lamp housing at the top of the display. Carefully remove the lamp housing from the display.
8	Install the replacement lamp and housing by hooking the tab at the right of the display and securing it at the left with a screw.
9	Plug the twisted pair cable from the inverter board to the lamp connector.

Table 1 – OI Display Lamp Replacement, (Refer to Figure 1.) continued

Step	Action

10	Plug in the cables from the front panel to the following connectors on the CPU board:
	
	    a) Twisted pair cable to J9.
	
	    b) Flat ribbon cable to J2.
	
	    c) Gray ribbon cable to J1.

11	Reattach the front panel to the OI housing by hooking the tabs on the left side of the front panel and securing it on the right side with two screws.
12	Plug in the DISPLAY cable from the controller into the OI connector at the rear of the housing.
13	Power up the controller. Look for start up screen. Access the SELF-TESTS* screen under the Unit Menu. Perform the KEYBOARD TEST and DISPLAY TEST to verify OI operation.

* See *UMC 800 Operator Interface User Guide*, Document Number 51-52-25-62 for
more information on OI self tests and OI operation.