70613A/C-01

S E R V I C E N O T E

SUPERSEDES: None

HP 70613A/C MMS Interface Module

Serial Numbers: All Controller board fuse replacement

Parts required:

HP Part No.	Description	Qty.
2110-0043	Fuse, 1.5 A, 250 V, Fast blow	1

Situation:

When connecting the HP 70613A,C MMS Interface Modules it is possible to misconnect switches or otherwise short the driver board outputs such that the internal fuse on the controller board will be blown. While this protects the interface module from further damage, the unit is temporarily rendered useless, the front panel indicators will not light, and the bus may hang up.

Solution:

The fuse may be replaced by following this simple procedure.

CAUTION

Be sure to perform this replacement at a static-safe workstation.

1. Remove the unit from the MMS mainframe.

2. Remove the cover by first removing the 10 screws securing the cover to the frame. Use a #10 Torx screwdriver. Make sure that the RFI gasket remains in the groove in the bottom of the frame.

DATE:

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:

INFORMATION ONLY

AUTHOR:	ENTITY:	ADDITIONAL INFORMATION:
LL	4500	

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3. There are two printed circuit boards installed in the instrument. The controller board, HP part number 70611-60001, is the second from the left side when facing the front panel. The fuse is located on the component side, on the lower left of the controller board. The fuse is a 1.5 A, 250 V, fast-blow type, HP part number 2110-0043.

4. Remove the 3 screws securing the board spacers to the top of the controller board. Remove the 2 screws at the bottom of the board that hold the controller board to the frame. Carefully lift the board up so the notch in the board clears the guide. Fold the board out to expose the component side of the board. The fuse is near the lower edge of the board, toward the rear.

5. After replacing the fuse, the board should be secured by reversing the steps above. Be sure to insert the tabs on the bottom of the board into the slots in the frame.

6. The switch driver may be tested in the MMS mainframe without its cover to verify that the problem has been cleared.

7. Replace the cover before returning the switch driver to service. Make sure that the RFI gasket is installed in the bottom of the frame, in the channel that secures the bottom edge of the cover.