

Procedure 7.8 - Replacing the Power Entry Module (version 1,2 units manufactured before 10-16-2000)

Removing the Power Entry Module

1. Set the on/off switch in the off position, then unplug the power cord from the wall outlet and from the EFX.

WARNING

Before continuing with this procedure, review the Warning and Caution statements listed in Section One, Things You Should Know.

2. Release the fuse drawer from the power entry module. Remove the fuse drawer.
(See Diagram 7.9)

Diagram 7.9 - Fuse Drawer, Power Entry Module



3. Remove the fuses from the fuse drawer and test them with an ohmmeter. Both fuses should read approximately 1Ω or less. If both fuses test good, continue with step 4. If either fuse reads significantly high, replace the fuse and retest the EFX. It may not be necessary to replace the power entry module. If the fuse blows again as soon as power is applied, troubleshoot the EFX per Procedure 6.6.
4. Remove two screws from the bottom of the EFX frame that secure the power entry module mounting bracket to the frame. Swing the power entry module mounting bracket away from the frame to gain access to the on/off switch wiring.
5. Remove the wires from the power entry module, a brown and blue wire, a brown and blue jumper. Remove the ground wire from the ground stud.

6. Note the orientation of the power entry module. The new module must be positioned with the same orientation. Remove the screws that secure the power entry module to the rear assembly bracket.

Replacing the Power Entry Module

7. Position the new power entry module at its entry position. Make sure that the module is oriented correctly. Install the screws that secure the power entry module to the EFX frame.
8. Refer to appropriate wiring diagram in Section 8 and reconnect the wires removed in step 5. Replace the ground wire on the ground stud.
9. Fasten the power entry module mounting bracket to the EFX frame with the screws removed in step 4.
10. Remove the fuses from the fuse drawer of the defective input power module. Check the fuses as in step 3 and insert the fuses into the replacement fuse drawer. Insert the fuse drawer into the input power module.
11. Check the operation of the EFX as described in Section Four.