

## Procedure 7.7 - Replacing the Line Filter

### Removing the Line Filter Assembly

1. Turn off the climber with the circuit breaker, then unplug the power cord from the wall outlet.

#### **WARNING**

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

#### **Note:**

Take care not to damage the cables when you perform the next step.

2. Remove the screws that secure the power module to the climber frame. Pull the module out of the climber.
3. Disconnect the lower ribbon cable, remote sensor cable and magnet harness from the lower PCA.
4. Remove the nut that secures the wires on the power entry module ground stud. Remove the wires from the ground stud.

#### **Note:**

Set the power entry module on a work bench while you perform the following steps.

5. Remove the screws that secure the circuit breaker to the power entry module. Remove the breaker from its mounting position.

#### **Note:**

The line and load terminals are marked on the paper label on the circuit breaker.

6. Remove the brown wire from the circuit breaker load terminal. Do not remove the brown wire from the breaker line terminal.
7. Disconnect the line filter cable from the lower PCA (refer back to Diagram 7.4).
8. Disconnect the in-line connector that connects the blue wires on the line filter assembly to the power cord.
9. Remove the screws that secure the line filter assembly to the power entry module. Remove the input filter assembly from its mounting position.

## Replacing the Input Filter Assembly

When you perform the next step, orientate the line filter assembly so that the side of the filter assembly with the green/yellow wire is nearest the power entry module ground stud.

10. Position the line filter assembly at its mounting location on the power entry module. Install the screws that secure the input filter assembly to the power entry module.
11. Place the ground cable assembly and the ground wires attached to the line filter assembly and power cord on the power entry module ground stud. Install the nut that secures the wires on the ground stud.
12. Connect the line filter cable to the lower PCA.
13. Connect the brown wire removed in Step 8 to the load terminal of the circuit breaker.
14. Connect the in-line connectors on the ends of the loose blue wires on the line filter assembly and the power cord.
15. Position the circuit breaker at its mounting location on the power entry module. Install the screws that secure the circuit breaker to the power entry module.
16. Position the power entry module near enough to the climber to connect the lower ribbon cable to the lower PCA.
17. Connect the remote sensor cable and the magnet harness to the lower PCA.

### **Note:**

Take care not to pinch the cables when you perform the next step.

18. Push the power entry module into the climber. Install the screws that secure the power entry module to the climber frame.
19. Check the climber operation as described in Section Four, Checking Unit Operation.