

## REPLACING THE MAIN PCB ASSEMBLY

To ensure that Human Touch<sup>®</sup> products are repaired in a manner that is fully consistent with the practices used during the manufacturing process, Human Touch requires that all product repairs are performed using only factory-new parts and in accordance with these product repair instructions.

SERVICE LEVEL: 2

Tools Required: Phillips-head screwdriver

SAVE ALL REMOVED PARTS FOR USE DURING REASSEMBLY

### REMOVING THE PCB ASSEMBLY

1. Standing behind the chair, grasp the shroud on both sides and pull upward just enough to detach it from the chair base (Fig.1).
2. Slide the shroud off to the left to expose the connector junction box (Fig.2).
3. Snap the junction box open, then disconnect the three sets of connectors that are attached to the rear shroud (Fig.3).

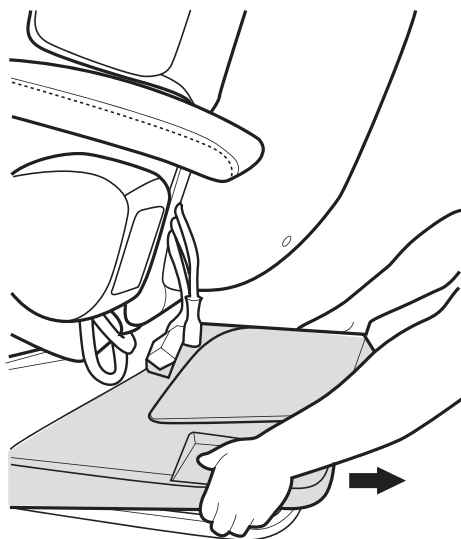


Fig.1

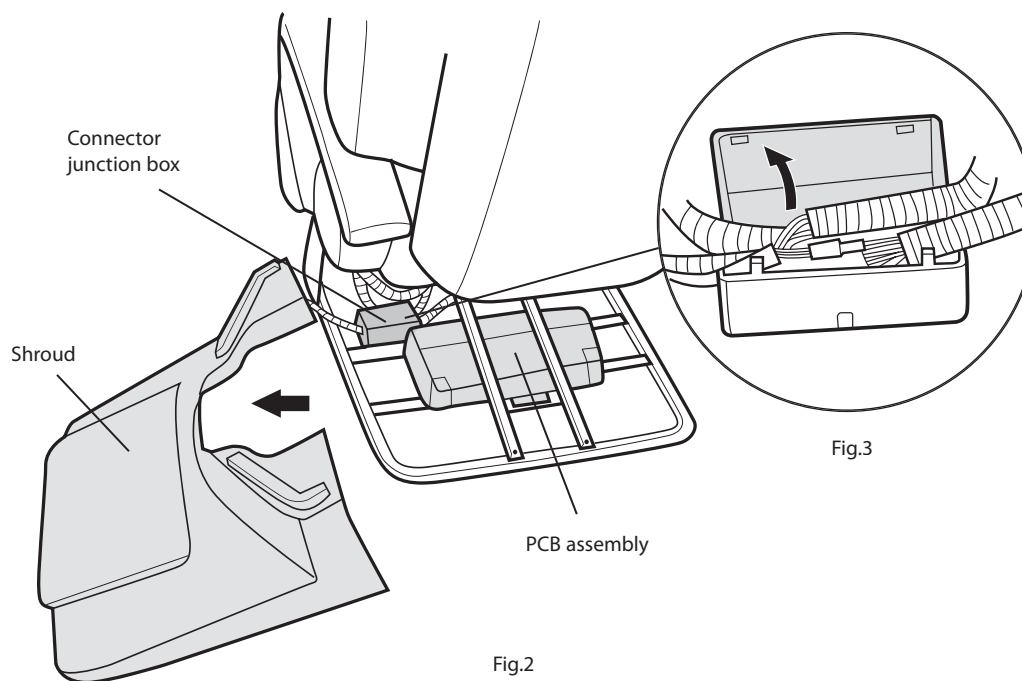
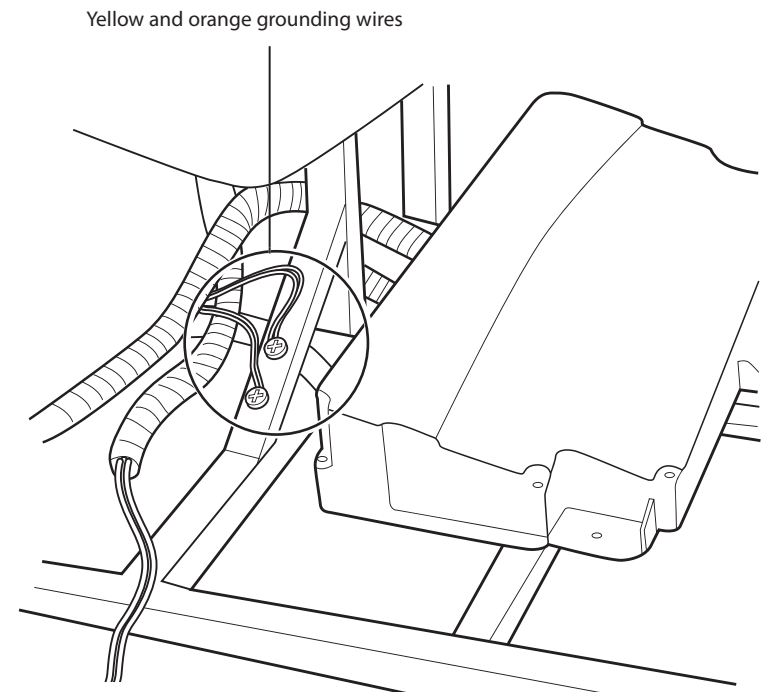
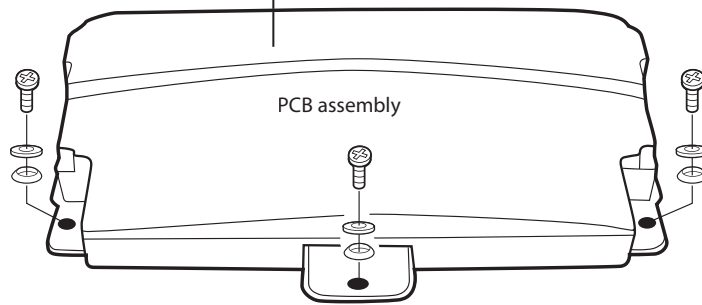
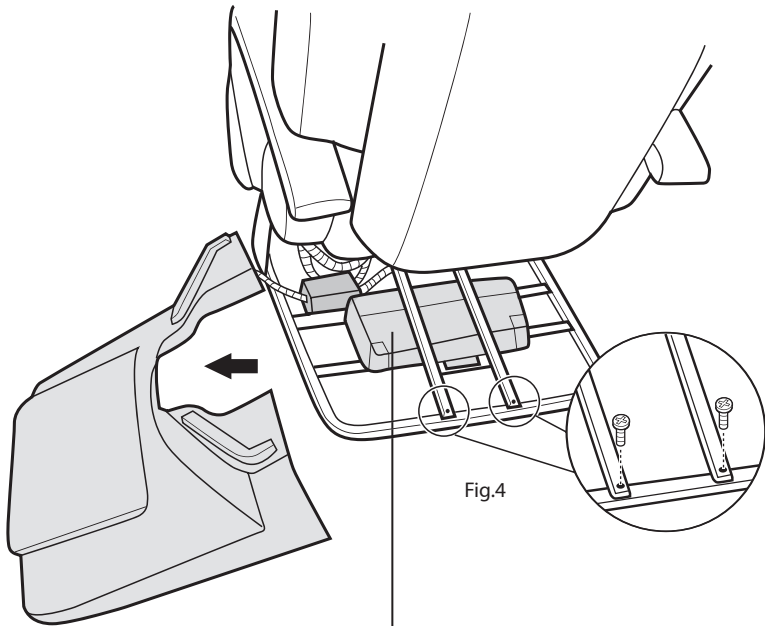


Fig.2

Fig.3

- Using a Phillips-head screwdriver, remove the two screws that secure each of the braces that cover the PCB assembly (Fig.4).
- Using a Phillips-head screwdriver, remove the three screws (and all washers) that secure the PCB assembly to the chair frame (Fig.5).  
NOTE: Each screw has a locking washer and a flat washer holding it in place.
- Locate the cable harness on the back of the PCB assembly, follow the harness to the connector junction box, then disconnect the connector.
- Locate the two screws that secure the yellow and orange grounding wires, then, using a Phillips-head screwdriver, remove the screws (Fig.6).
- Remove the PCB assembly from the chair frame.



## INSTALLING THE NEW PCB ASSEMBLY

1. Place the new PCB assembly into position on the chair frame, sliding the three tabs on the back side of the module underneath the chair frame (Fig.7).
2. Using a Phillips-head screwdriver, secure the PCB assembly to the chair frame using three screws (and the washers). NOTE: Be sure to install the locking washer on each screw between the screw head and the flat washer.
3. Replace the two metal braces, using two screws to secure each brace.
4. Connect the new PCB assembly connector to the corresponding connector in the cable junction box.
5. Secure each yellow and green grounding wire to a separate grounding post, using a Phillips-head screwdriver and screw.
6. Position the rear shroud next to the chair, off to the left.
7. Connect the three connectors on the shroud to the corresponding connectors on the chair base (Fig.8).
8. Position the three sets of connectors inside the junction box, then, aligning the large holes on the cover with the large holes on the base, snap the junction box cover into place.
9. Secure the junction box cover using a large zip tie (Fig.9).
10. Place the shroud into position, insert the two tabs on the front of the shroud into the two corresponding slots on the chair base, then push down firmly to secure it.
11. Plug in the chair, power it on, and test all functions to ensure that the new PCB assembly is working properly.

