

## **5.8 Motor Drive PCB Replacement**

Note: This section goes into detail about how to replace a faulty Motor Drive PCB.

1. Power-Off the Olympus O-Frame by disconnecting the AC supply power to the SSIU. Follow your site “Lock-Out” procedure to ensure the power is not restored until this procedure is completed.
2. Using a standard Philips head screwdriver, open the panels covering the housing station for the drive motor on the Olympus O-Frame (see Figure 5.1.1).

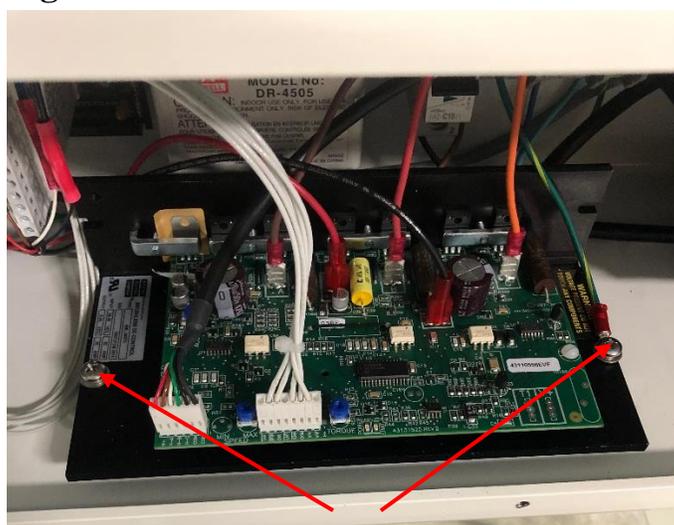
**Figure 5.1.1 is on page 13**

3. Locate the motor drive PCB, inside the housing station, just under the drive motor (see Figure 5.8.1).

**Figure 5.8.1**



**Figure 5.8.2**



4. Note the location of all of the cables/plugs connected to the motor drive PCB, and remove them.
5. Using a 5/16” wrench, hold the nut located in Figure 5.8.2 while you remove the screws with a 3/16” Allen wrench from the outside of the Olympus O-Frame.
6. Place the replacement motor drive PCB inside the frame, and reverse the procedure in order to reinstall the drive shaft bearing.
7. Once the unit has passed a visual inspection, reinstall and secure all panels on the Olympus O-Frame.
8. Return power to the unit and follow the system restart procedure found in Section 3.0.