

5.5 Motor Encoder Replacement

Note: This section goes into details about how to replace a motor encoder.

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

3. Locate cable going from the encoder to the Frame Interface Board attached to the inside of the frame. Separate the plug/jack between the encoder and the FIB.
4. Using a 1.5mm Allen wrench, remove the two set-screws holding the encoder to the motor shaft (see Figure 5.5.1).

Figure 5.5.1



5. Remove the two Phillips screws holding the encoder to the rear motor plate.
(see Figure 5.5.2 and Figure 5.5.3)

Figure 5.5.2

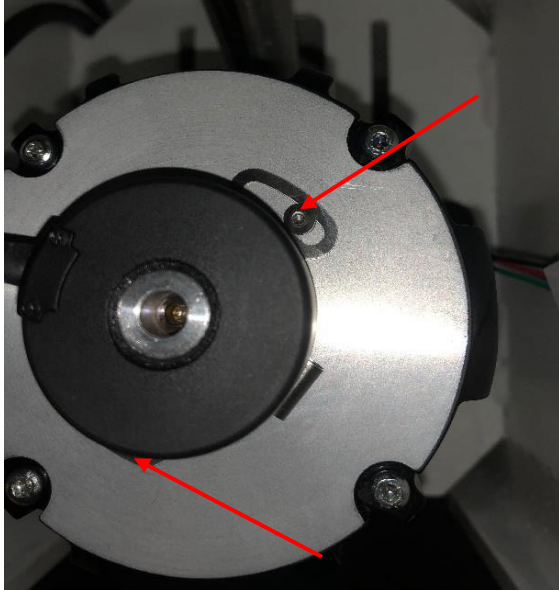
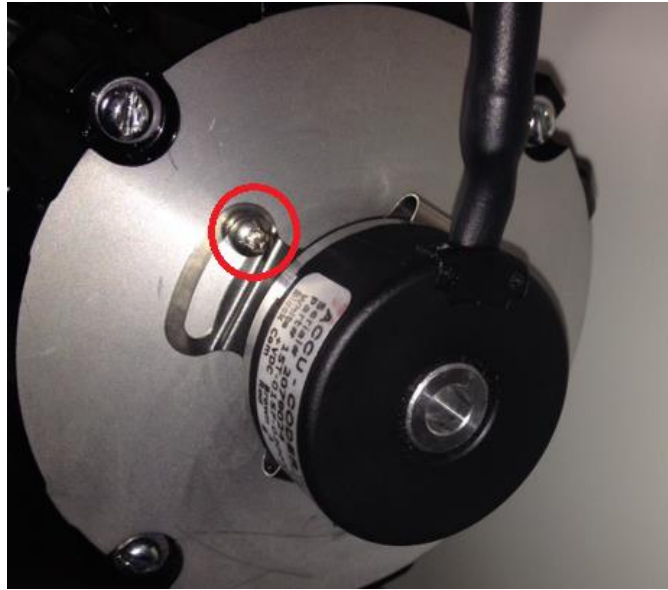


Figure 5.5.3



6. Reverse this procedure to re-install the encoder.
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.