

5.3 Drive Belt Replacement

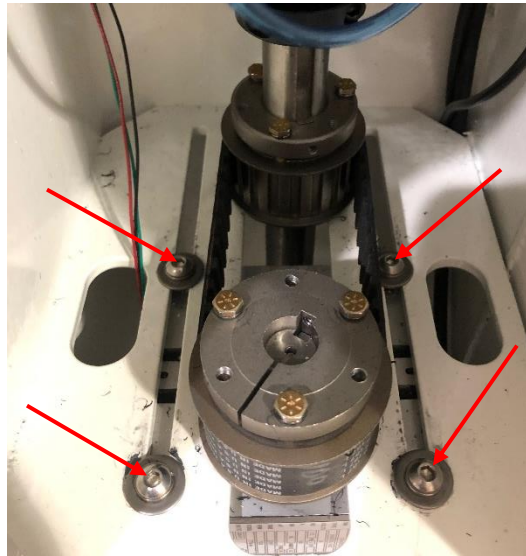
Note: This section goes into detail about replacing a faulting or broken Drive Belt.

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

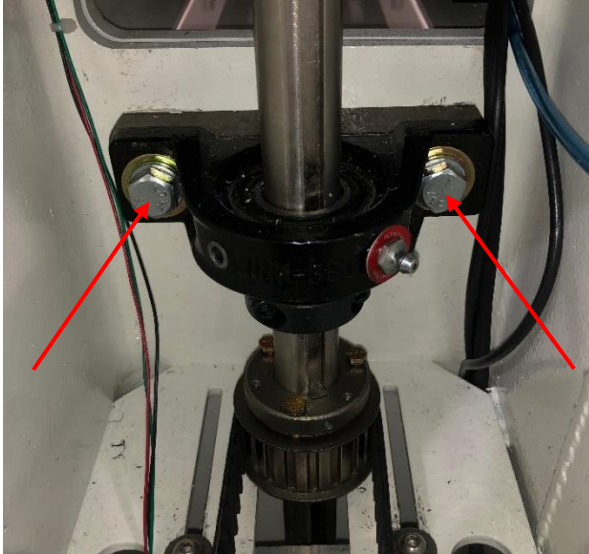
3. Use a 5/32” Allen wrench to loosen the four retaining bolts for the motor (see Figure 5.3.1).

Figure 5.3.1



4. Push forward on the drive pulley and remove the drive belt from the drive pulley.
5. Use a 5/8” socket to remove the bolts holding the drive shaft bearing (see Figure 5.3.2). This should allow for enough room to pull back on the drive shaft, and maneuver the drive belt up and over the drive shaft bearing.

Figure 5.3.2



6. Simply slide the new drive belt over the drive shaft bearing and re-insert the bolts back into the drive shaft bearings shown in Figure 5.3.2.
7. Slide the new drive belt back around the drive pulley, pull the drive pulley to apply appropriate belt tension (see Section 5.2), and tighten the four retaining bolts for the motor.
8. Once the unit has passed a visual inspection, reinstall and secure all panels on the Olympus O-Frame.
9. Return power to the unit and follow the system restart procedure found in Section 3.0.