

10.7 Motor Encoder Removal/Repair/Replacement

The following procedure outlines the encoder maintenance:

1. Power-Off the AAU by removing the power cord from the APC Battery Backup. Follow your site “Lock-Out” procedure to ensure the power cord is not plugged back in until this procedure is completed.
2. Open the door to the SSIU panel.
3. Locate the two cables from the motor to the SSIU. Separate the four-wire plug/jack (p/j 22) between the encoder and the SSIU.
4. Using a 1.5mm Allen wrench, remove the two set-screws holding the encoder to the motor shaft. (see figure 10.7.1)
5. Remove the two Phillips screws holding the encoder to the rear motor plate. (see figure 10.7.2)
6. Reverse this procedure to re-install the encoder.
7. Once the unit has passed a visual inspection, shut and secure the SSIU door.
8. Return power to the unit and follow the restart procedure.

