

## 10.1 Drive Belt Adjustment/Replacement

The following procedure outlines the drive belt tension adjustment:

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. Using a 9/16" socket wrench, remove the four nuts securing the sub-panel within the SSIU. Once the four nuts have been removed, pull the sub-panel from the four threaded studs and swing the sub-panel away from the drive side of the SSIU.
4. Once the sub-panel is out of the way, use a 5/32" Allen wrench to loosen the four retaining bolts for the motor. (see figure 10.1.1)
5. Once the retaining bolts are loose, the belt can be adjusted or replaced.
6. To adjust the belt tension, with the belt in place over both pulleys, push down on the motor pulley and tighten the four retaining bolts. When complete, there should be no more than .25" deflection of the belt as shown. (see figure 10.1.2)
7. Once completed, return the sub-panel to the threaded studs and replace the four 9/16" nuts.
8. Once the unit has passed a visual inspection, shut and secure the SSIU door.
9. Return power to the unit and follow the restart procedure.

