Remove and Replace MD80 APU Starter - Packing

REF MD80 AMM 49-40-03/201 Config 1

1- **Wear proper eye wear (A headlamp is a plus for seeing but not graded)**
2- **Show Judge each TORQUE setting and return to ZERO setting after final torque**

Starter Maintenance Practices

A) General

The starter is mounted on the left side of the APU accessory drive case. Access to the starter is through the APU right access door.

B) Remove Starter to replace packing

1. Tag and disconnect electrical leads from starter terminals (Figure 201)
2. Remove washers and nuts from starter mounting studs.
   NOTE: Support starter when removing last nut.
3. Carefully withdraw starter from mounting studs.
4. Remove O-ring from accessory drive case/starter.

C) Reinstall Starter

1. Inspect the starter and tell the Judge if it is serviceable.
2. Lightly lubricate new O-ring using supplied lube and install O-ring.
3. Position starter and tilt slightly while rotating shaft until starter pawls mesh with mating drive shaft.
4. Carefully slide starter on mounting studs.
5. Install starter mounting washers with nuts, MPN 525-540-9101.
6. Torque the nuts to 50.0 in-lb to 70.0 in-lb (5.7 to 7.9 N·m).
7. Connect electrical leads to starter terminals and remove tags.
8. Torque the terminal nuts to 30.0 in-lb to 40.0 in-lb (3.4 to 4.5 N·m).
9. Return torque wrench to zero, return tools to board, clean-up.
10. Inform Judge to "STOP" your time!

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