

500 VA INVERTER - REMOVAL/INSTALLATION**1. General**

- A. This section gives the removal and installation procedures for the 500 VA inverter. For a general description of the 500 VA inverter, refer to AC Generation - Description and Operation.

2. 500 VA Inverter Removal/Installation

- A. Remove the 500 VA Inverter (UT002) (Refer to Figure 401).
- (1) Remove external electrical power from the airplane.
 - (2) Make sure that the BATTERY switch (SC005), found on the circuit breaker switch panel, is set to the OFF position.
 - (3) Make sure that the EXTERNAL POWER switch (SC006), found on the circuit breaker switch panel, is set to the OFF position.
 - (4) Disengage the 115 VAC PWR INVTR circuit breaker found on the left circuit breaker panel.
 - (5) Open the aft baggage compartment door.
 - (6) Disconnect the electrical connector (PT011) from the 500 VA inverter.
 - (7) Remove the screws that attach the 500 VA inverter to the support tray.
 - (8) Remove the 500 VA inverter from the airplane.
- B. Install the 500 VA Inverter (UT002) (Refer to Figure 401).
- (1) Put the 500 VA inverter in its correct position on the inverter plate assembly.
 - (a) Install the screws that attach the inverter to the plate assembly.
 - (2) Connect the electrical connector (PT011) to the 500 VA inverter.
 - (3) Do an electrical bond check (Type I) from the inverter to the support tray. Refer to Chapter 20, Electrical Bonding - Maintenance Practices.
 - (4) Close the aft baggage compartment door.
 - (5) Do an AC generation operational check. Refer to AC Generation - Adjustment/Test.

Figure 401 : Sheet 1 : 500 VA Inverter Installation

