## **UNIVERSAL OUTLET - REMOVAL/INSTALLATION**

## 1. General

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

## 2. Universal Outlet Removal/Installation

- A. Remove the Universal Outlet (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 OUTLET CTRLR and the 115 VAC PWR INVRT circuit breakers found on the left circuit breaker panel.
  - (5) Remove the screws that attach the applicable outlet trim plate to the receptacle mounting plate.
  - (6) Remove the screws that attach the electrical connector plate to the outlet.
    - (a) Remove the plate from the outlet.
  - (7) Disconnect the electrical connector from the outlet.
  - (8) Remove the outlet from the airplane.
- B. Install the Universal Outlet (Refer to Figure 401).
  - (1) Put the outlet near its correct position on receptacle mounting plate.
  - (2) Connect the electrical connector to the outlet.
  - (3) Put the electrical connector plate on the outlet.
  - (4) Put the outlet in its correct position on receptacle mounting plate.
  - (5) Install the screws that attach the outlet to the mounting plate.
  - (6) Do an electrical bond check (Type I) from the inverter to the support tray. Refer to Chapter 20, Electrical Bonding Maintenance Practices.
  - (7) Engage the 115 VAC OUTLET CTRLR and the 115 VAC PWR INVRT circuit breakers found on the left circuit breaker panel.
  - (8) Do an operational check of the universal outlets. Refer to AC Generation Adjustment/Test.

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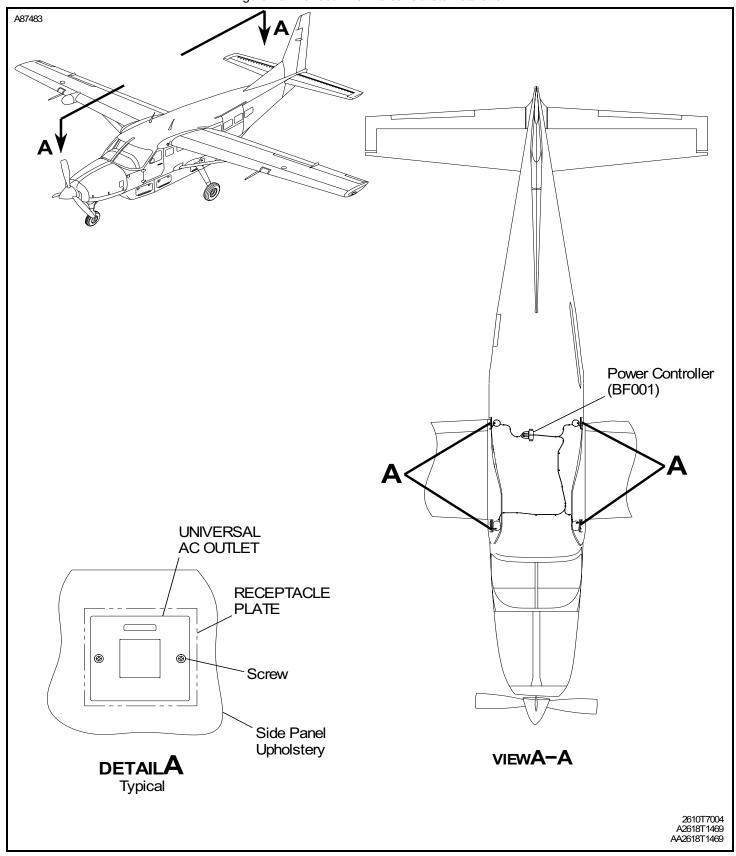


Figure 401 : Sheet 1 : Universal Outlets Installation