

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.

Figure 401 : Sheet 1 : Universal Outlets Installation

