

**COMMUNICATION - MAINTENANCE PRACTICES****1. General**

- A. This section gives procedures for the removal and installation of the control wheel pushbutton switches. This section also gives procedures to clean the control wheel pushbutton switches.

**2. Control Wheel Pushbutton Switch Removal/Installation**

- A. Remove the Control Wheel Pushbutton Switch (Refer to Figure 201).
- (1) Remove the nut that attaches the control wheel pushbutton switch (SA03, SA04, SU03) to the escutcheon.
  - (2) Remove the screw that attaches the escutcheon to the control wheel.
  - (3) Lift up the escutcheon to get access to the control wheel pushbutton switch and disconnect the switch from the control wheel connection.
- B. Install the Control Wheel Pushbutton Switch (Refer to Figure 201).
- (1) Connect the control wheel pushbutton switch (SA03, SA04, SU03) to the connection in the control wheel.
  - (2) Attach the control wheel pushbutton switch to the escutcheon with the nut.
  - (3) Set the escutcheon in position and install the screw in the escutcheon.

**3. Control Wheel Pushbutton Switch Button Cleaning**

- A. Clean the Control Wheel Pushbutton Switch (Refer to Figure 201).

**NOTE:** Continued use of the button can cause oil and dirt to collect on the internal electrical contacts of the switch. This can cause a malfunction with the control wheel pushbutton switch.

- (1) Apply electrical contact cleaning spray around the full edge of the button so that it will soak down into the control wheel pushbutton switch.

**NOTE:** The electrical cleaner will help to remove oil and dirt from the internal electrical contacts of the control wheel pushbutton switch. The recommended contact cleaner is Electro Contact Cleaner 03116 or equivalent, which can be supplied by LPS Laboratories, Inc. The LPS Laboratories, Inc. telephone number is 1-800-241-8334.

- (2) Push the button many times to make sure that the cleaner gets into the internal electrical contacts of the control wheel pushbutton switch.
- (3) Complete an operational check of the control wheel pushbutton switch.
- (4) If the button does not operate after the first application of the electric cleaner, apply more cleaner.
- (5) If the button continues to have a malfunction, replace the control wheel pushbutton switch. Refer to Control Wheel Pushbutton Switch - Removal/Installation.

Figure 201 : Sheet 1 : Control Wheel Pushbutton Switch Installation

