

## WINDSHIELD WIPER CONTROL BOX - REMOVAL/INSTALLATION

*EFFECTIVITY: AIRCRAFT WITH WINDSHIELD WIPER CONTROL BOX*

### 1. General

- A. This section gives the procedures to remove and install the control box of the wiper system.
- B. The procedures in this section are given in the sequence below. The tasks identified with (◆) are part of the Scheduled Maintenance Requirements Document (SMRD).

| TASK NUMBER        | DESCRIPTION                | EFFECTIVITY                                      |
|--------------------|----------------------------|--|
| 30-41-01-000-801-A | CONTROL BOX - REMOVAL      | AIRCRAFT WITH<br>WINDSHIELD WIPER<br>CONTROL BOX |
| 30-41-01-400-801-A | CONTROL BOX - INSTALLATION | AIRCRAFT WITH<br>WINDSHIELD WIPER<br>CONTROL BOX |

TASK 30-41-01-000-801-A

EFFECTIVITY: AIRCRAFT WITH WINDSHIELD WIPER CONTROL BOX

## 2. CONTROL BOX - REMOVAL

### A. General

(1) This procedure gives the instructions to remove the control box of the wiper system.

### B. References

| REFERENCE            | DESIGNATION |
|----------------------|-------------|
| AMM MPP 06-41-01/100 | -           |

### C. Zones and Accesses

| ZONE | PANEL/DOOR | LOCATION                      |
|------|------------|-------------------------------|
| 113  | 113AZ      | Nose landing gear compartment |

### D. Tools and Equipment

Not Applicable

### E. Auxiliary Items

Not Applicable

### F. Consumable Materials

Not Applicable

### G. Expandable Parts

Not Applicable

### H. Persons Recommended

| QTY | FUNCTION      | PLACE                         |
|-----|---------------|-------------------------------|
| 1   | Does the task | Nose landing gear compartment |

### I. Preparation

#### SUBTASK 841-002-A

(1) On the Overhead Circuit Breaker Panel, open the circuit breakers below and attach a DO-NOT-CLOSE tag to them.

- WIPER 1 (Location tip: DC BUS 1/ICE AND RAIN PROTECTION/WIPER 1).
- WIPER 2 (Location tip: DC BUS 2/ICE AND RAIN PROTECTION/WIPER 2).

(2) Open access panel 113AZ (AMM MPP 06-41-01/100).

### J. Removal [\(Figure 401\)](#)

#### SUBTASK 020-002-A

(1) Disconnect the four electrical connectors (2).

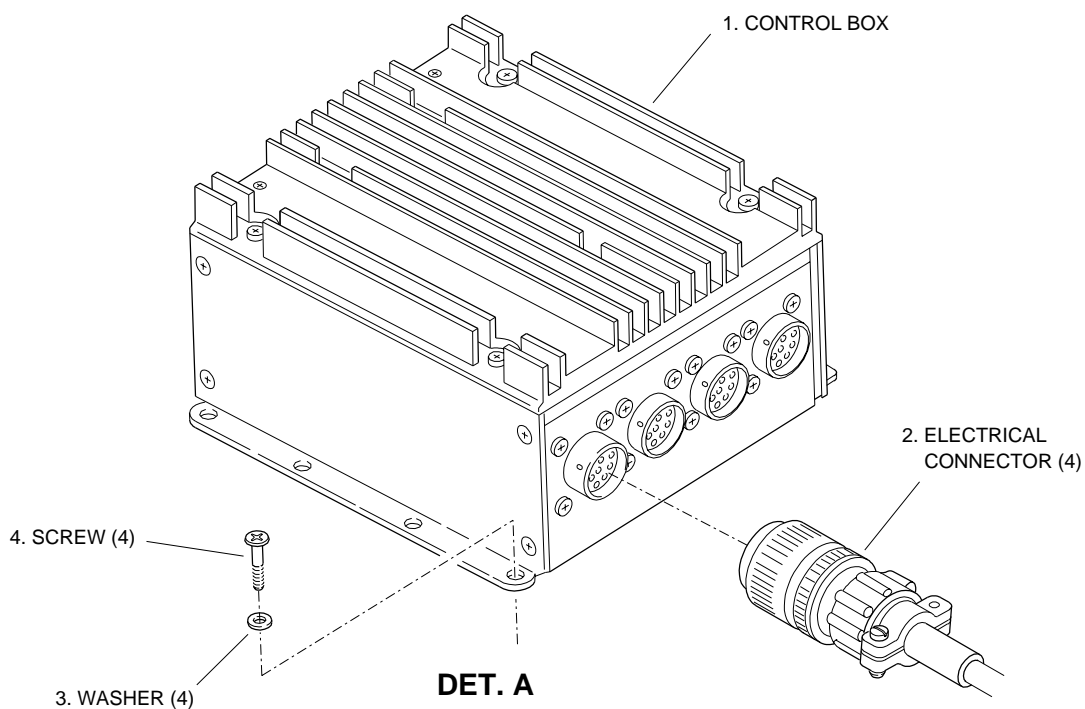
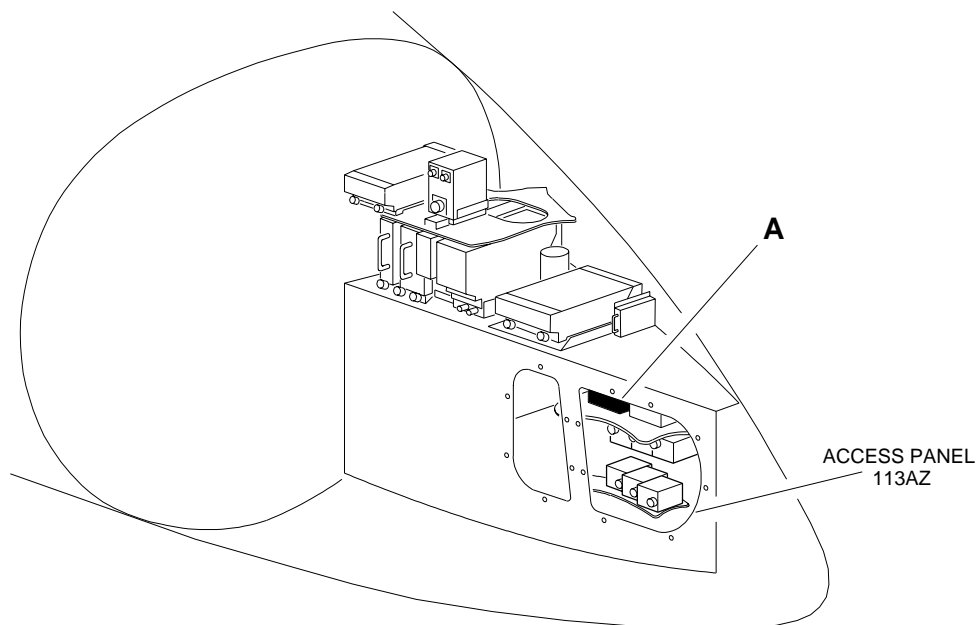
(2) Remove the four screws (4) and washers (3).

- (3) Remove the control box (1).

**EFFECTIVITY: AIRCRAFT WITH WINDSHIELD WIPER CONTROL BOX**

Control Box of the Wiper System - Removal/Installation

Figure 401



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TASK 30-41-01-400-801-A

EFFECTIVITY: AIRCRAFT WITH WINDSHIELD WIPER CONTROL BOX

3. CONTROL BOX - INSTALLATION

A. General

(1) This procedure gives the instructions to install the control box of the wiper system.

B. References

| REFERENCE                                       | DESIGNATION                                |
|---|--|
| AMM MPP 06-41-01/100                            | -  |
| <a href="#">AMM TASK 30-41-00-700-801-A/500</a> | WINDSHIELD WIPER SYSTEM - OPERATIONAL TEST |

C. Zones and Accesses

| ZONE | PANEL/DOOR | LOCATION                      |
|------|------------|-------------------------------|
| 113  | 113AZ      | Nose landing gear compartment |

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

| QTY | FUNCTION      | PLACE                         |
|-----|---------------|-------------------------------|
| 1   | Does the task | Nose landing gear compartment |

I. Installation (Figure 401)

*SUBTASK 420-002-A*

- (1) Put the control box (1) in its installation position.
- (2) Install the four screws (4) and washers (3).
- (3) Connect the four electrical connectors (2).

J. Follow-on

*SUBTASK 842-002-A*

- (1) On the circuit breaker panel, close the circuit breakers below and remove the tags DO-NOT-CLOSE from them.

- WIPER 1 (Location tip: DC BUS 1/ICE AND RAIN PROTECTION/WIPER 1).
  - WIPER 2 (Location tip: DC BUS 2/ICE AND RAIN PROTECTION/WIPER 2).
- (2) Do an operational test of the windshield wiper system ( [AMM TASK 30-41-00-700-801-A/500](#)).
- (3) Close access panel 113AZ (AMM MPP 06-41-01/100).