

## GASPER FAN CONTACTOR - REMOVAL/INSTALLATION

*EFFECTIVITY: ALL*

1. General

- A. This section gives the procedures to remove and install the gasper fan contactor.
- B. The gasper fan contactor is installed in the RH Electrical-power control/distribution box.
- C. 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 |
|--------------------|-------------------------------------|-------------|
| 21-23-06-000-801-A | GASPER FAN CONTACTOR - REMOVAL      | ALL         |
| 21-23-06-400-801-A | GASPER FAN CONTACTOR - INSTALLATION | ALL         |

TASK 21-23-06-000-801-A

EFFECTIVITY: ALL

## 2. GASPER FAN CONTACTOR - REMOVAL

### A. General

(1) This procedure gives the instructions to remove the gasper fan contactor.

### B. References

| REFERENCE                            | DESIGNATION          |
|--------------------------------------|----------------------|
| <a href="#">AMM MPP 06-41-03/100</a> | - COMPONENT LOCATION |

### C. Zones and Accesses

| ZONE | PANEL/DOOR | LOCATION                 |
|------|------------|--------------------------|
| 224  | 224NZ      | RH cockpit/pax partition |

### 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 | RH cockpit/pax partition |

### I. Preparation

#### SUBTASK 841-002-A

- (1) Make sure that the GPU pushbutton, on the overhead panel, is set to OFF.
- (2) Put a DO-NOT-SET-TO-ON tag, on GPU pushbutton.
- (3) Make sure that the BATT 1 and BATT 2 switches, on the overhead panel, are set to OFF.
- (4) Put a DO-NOT-SET-TO-AUTO tag, on BATT 1 and BATT 2 switches.
- (5) Set the BACKUP pushbutton, on the overhead panel, to OFF.
- (6) Put a DO-NOT-SET-AUTO tag, on BACKUP pushbutton.

- (7) To get access to the gasper fan contactor RH electrical-power control/distribution box, remove the 224NZ access panel ( [AMM MPP 06-41-03/100](#)).

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

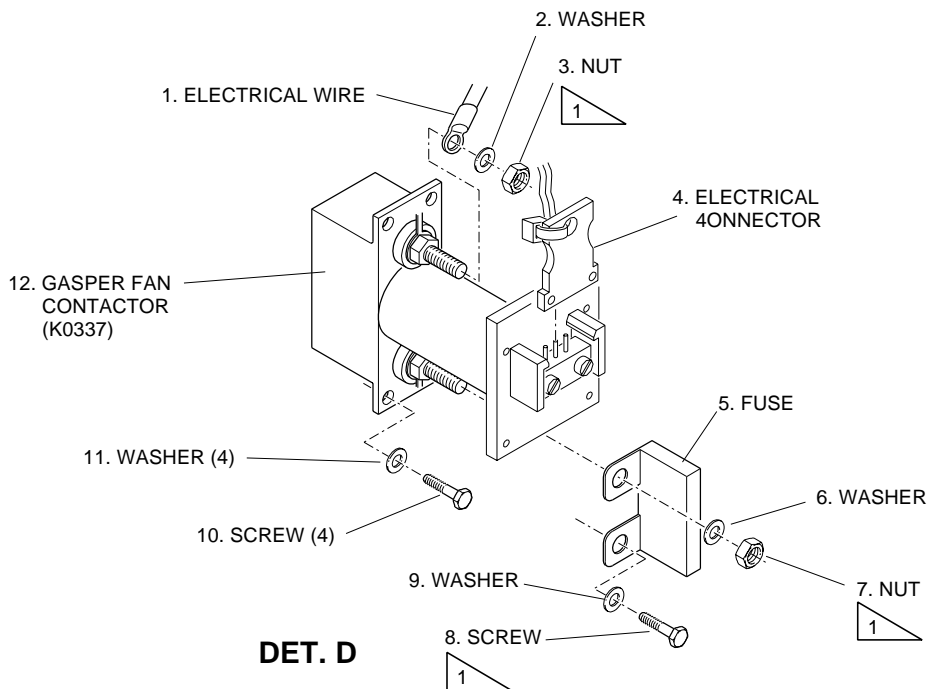
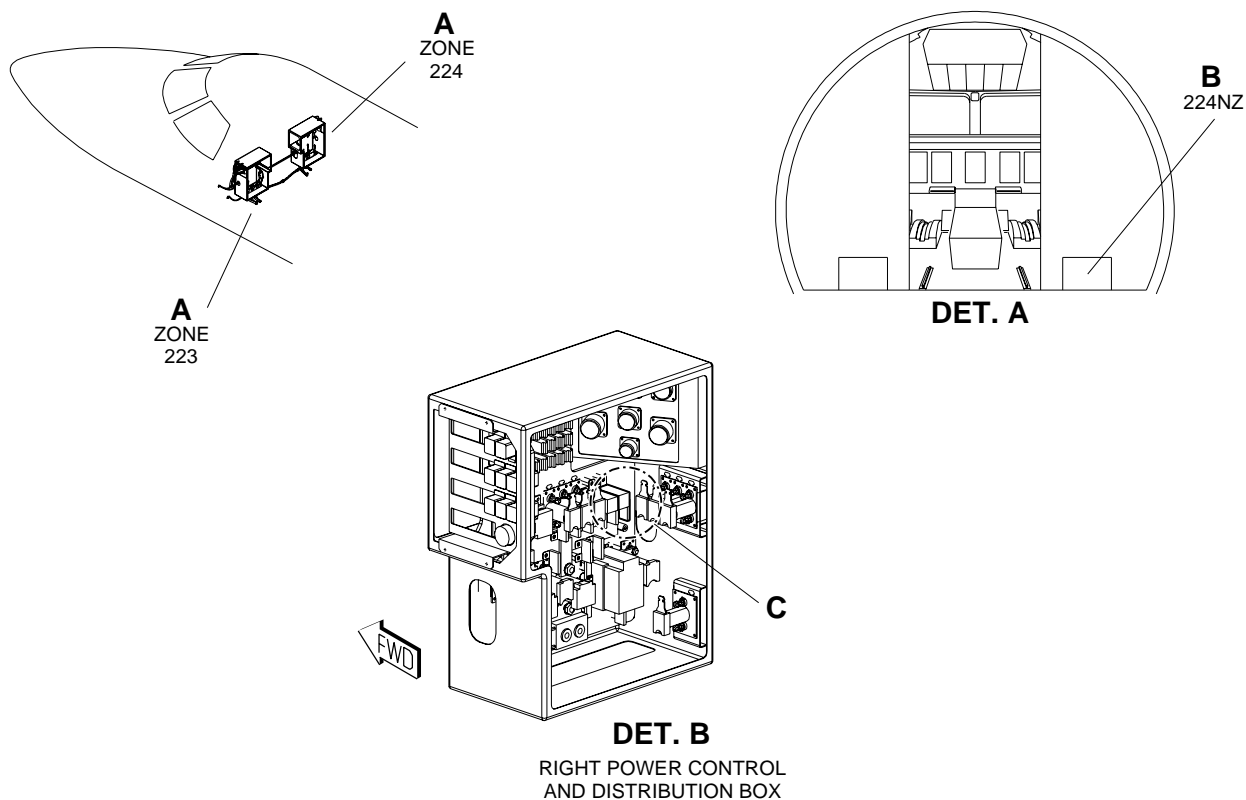
*SUBTASK 020-002-A*

- (1) Disconnect the electrical connector (4).
- (2) Remove the nut (3), washers (2) and electrical wire (1).
- (3) Remove the nut (7) and washers (6).
- (4) Remove the screw (8) and washer (9) that attach the fuse on the connection bar.
- (5) Remove the fuse (5).
- (6) Remove the four screws (10) and washers (11) that attach the contactor on the electrical-power control/distribution box.
- (7) Remove the gasper fan contactor (12).

EFFECTIVITY: ALL

Gasper Fan Contactor - Removal/Installation

Figure 401



1 TORQUE: 4.0 – 4.4 N.m (35.3 – 39.0 lb.in)

EM145AMM211042A.DGN

TASK 21-23-06-400-801-A  
EFFECTIVITY: ALL

### 3. GASPER FAN CONTACTOR - INSTALLATION

#### A. General

(1) This procedure gives the instructions to install the gasper fan contactor.

#### B. References

| REFERENCE                       | DESIGNATION   |
|---------------------------------|---|
| AMM MPP 06-41-03/100            | - COMPONENT LOCATION                                    |
| AMM SDS 24-60-00/1              |   |
| AMM TASK 21-20-00-700-801-A/500 | CONDITIONED AIR DISTRIBUTION SYSTEM - OPERATIONAL CHECK |

#### C. Zones and Accesses

| ZONE | PANEL/DOOR | LOCATION                 |
|------|------------|--------------------------|
| 224  | 224NZ      | RH cockpit/pax partition |

#### D. Tools and Equipment

| ITEM                   | DESCRIPTION   | PURPOSE             | QTY |
|------------------------|---------------|---------------------|-----|
| Commercially available | Torque wrench | To apply the torque |     |

#### 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 | RH cockpit/pax partition |

#### I. Installation (Figure 401)

##### SUBTASK 420-002-A

- (1) Put the gasper fan contactor (12) in the electrical-power control/distribution box (AMM SDS 24-60-00/1).
- (2) Install the screws (10) and washers (11) that attach the gasper fan contactor (12) in the electrical-power control/distribution box.
- (3) Connect the electrical wire (1) with the washer (2) and nut (3).

- (4) Use the torque wrench to torque nut (3) to 4 - 4.4 N.m ( 35.3 - 39.0 lbf.in).
- (5) Apply a drop of torque seal F-925 to the nut (3) as a check mark.
- (6) Put the fuse (5) on the gasper fan contactor (12).
- (7) Install the washer (6) and the nut (7) .
- (8) Use the torque wrench to torque nut (7) to 4 - 4.4 N.m ( 35.3 - 39.0 lbf.in).
- (9) Apply a drop of torque seal F-925 to the nut (7) as a check mark.
- (10) Install the washer (9) and screw (8) that attach the fuse on the connection bar.
- (11) Use the torque wrench to torque screw (8) to 4 - 4.4 N.m ( 35.3 - 39.0 lbf.in).
- (12) Apply a drop of torque seal F-925 to the screw (8) as a check mark.
- (13) Connect the electrical connector (1).

J. Follow-on

*SUBTASK 842-002-A*

- (1) Close the 224NZ access panel ( [AMM MPP 06-41-03/100](#)).
- (2) Remove the DO-NOT-SET-AUTO tag from the BACKUP pushbutton.
- (3) Set the BACKUP pushbutton to AUTO.
- (4) Remove the DO-NOT-SET-TO-ON tag from the GPU pushbutton.
- (5) Remove the DO-NOT-SET-TO-AUTO tag from BATT 1 and BATT 2 switches.
- (6) Do the Operational Check of the Conditioned Air Distribution System ( [AMM TASK 21-20-00-700-801-A/500](#)).