



AIRCRAFT MAINTENANCE MANUAL

AFT PRESSURE BULKHEAD - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove/install the aft pressure bulkhead.
- B. The component is located in the aft section of the cargo compartment at zones 271 and 272.
- 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
25-51-03-000-801-A	AFT PRESSURE BULKHEAD - REMOVAL	ALL
25-51-03-400-801-A	AFT PRESSURE BULKHEAD - INSTALLA- TION	ALL

TASK 25-51-03-000-801-A
EFFECTIVITY: ALL
2. AFT PRESSURE BULKHEAD - REMOVAL
A. General

- (1) This task gives the procedures to remove the aft pressure bulkhead.

B. References

<i>REFERENCE</i>	<i>DESIGNATION</i>
AMM MPP 06-41-01/100	-
AMM TASK 21-27-01-000-801-A/400	BAGGAGE COMPARTMENT FAN - REMOVAL

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

<i>QTY</i>	<i>FUNCTION</i>	<i>PLACE</i>
1	Does the task	Cargo compartment

I. Preparation
SUBTASK 841-002-A

- (1) On the circuit breaker panel, open the CROSS BLEED circuit breaker and attach a DO-NOT-CLOSE tag to it.
- (2) Remove the baggage compartment fan [AMM TASK 21-27-01-000-801-A/400](#).

J. Removal ([Figure 401](#))
SUBTASK 020-002-A

- (1) Open access door 272DR AMM MPP 06-41-01/100.

WARNING: DO NOT TOUCH THE BLEED-AIR SYSTEM DUCTS OR COMPONENTS IMMEDIATELY AFTER THE ENGINE OR APU STOPS BECAUSE OF THE HIGH BLEED-AIR TEMPERATURE.

- (2) Remove the bolt (1), washer (2) and nut (4) that attach anti-rotation support (5) to the cross bleed valve. Refer to VIEW B, Figure 401, sheet 2.



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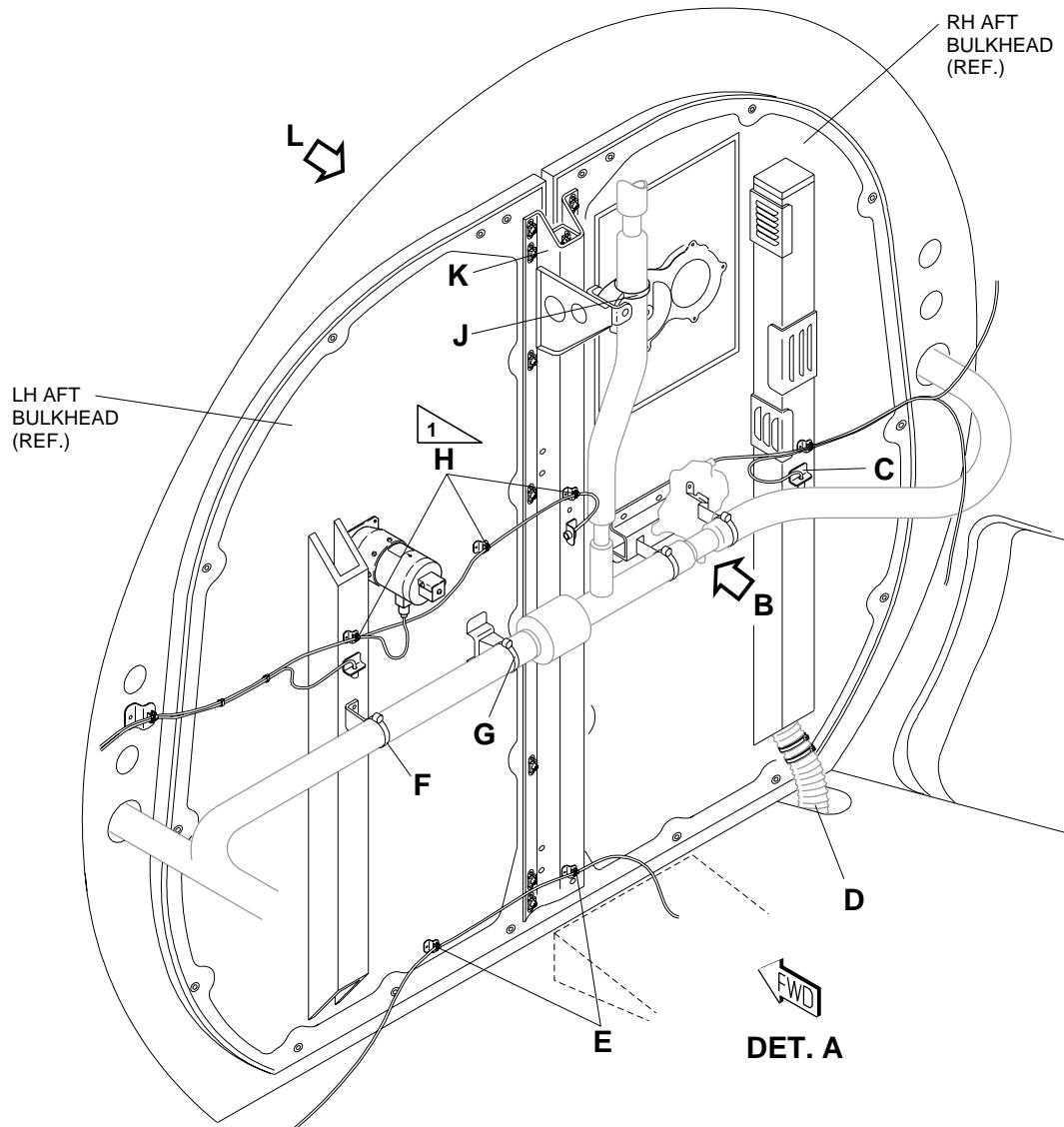
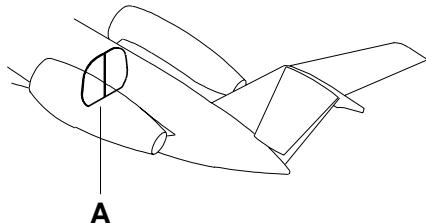
AIRCRAFT
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- (3) Release the clamps (6) that attach the ducts (3) to the RH aft pressure bulkhead. Refer to VIEW B, Figure 401, sheet 2.
- (4) Remove the screws (7) and washers (8) that attach the bracket (9) to the RH aft pressure bulkhead. Refer to DET. C, Figure 401, sheet 2.
- (5) Break the tiedown straps (10) that attach the harness to the RH aft pressure bulkhead. Refer to DET. C, Figure 401, sheet 2.
- (6) Break the tiedown straps (11) that attach the gasper duct (12). Refer to DET. D, Figure 401, sheet 2.
- (7) Break the tiedown straps (13) that attach the harness to the LH aft pressure bulkhead. Refer to DET. E, Figure 401, sheet 2.
- (8) Release the clamps (14) and (15) that attach duct to the LH aft pressure bulkhead. Refer to DET. F and DET. G, Figure 401, sheet 3.
- (9) **NOTE:** For aircraft with class-C baggage compartment, do the steps 9 and 10.
Remove the screws (18) and (22) and washers (17) and (21) that attach the bracket (19) and (23) to the LH aft pressure bulkhead. Refer to DET. H, Figure 401, sheet 3.
- (10) Break the tiedown straps (16), (20) and (24) that attach the harness to the LH aft pressure bulkhead. Refer to DET. H, Figure 401, sheet 3.
- (11) On the top, remove the clamp (25) that attach the duct to the bracket (26). Refer to DET. J, Figure 401, sheet 4.
- (12) Remove the screws (29) and washers (28) on the split joint assembly (27). Refer to DET. K, Figure 401, sheet 4.
- (13) Remove the screws (31) and washers (30) that attach the split joint assembly. Refer to VIEW L, Figure 401, sheet 5.
- (14) Remove the screws (34), washers (33) and isolators collars (35) that attach the LH aft pressure bulkhead (32). Refer to VIEW L, Figure 401, sheet 5.
- (15) Remove the screws (37), washers (36) and isolator collars (38) that attach the RH aft pressure bulkhead (39). Refer to VIEW L, Figure 401, sheet 5.

EFFECTIVITY: ALL

Aft Pressure Bulkhead - Removal/Installation

Figure 401 - Sheet 1



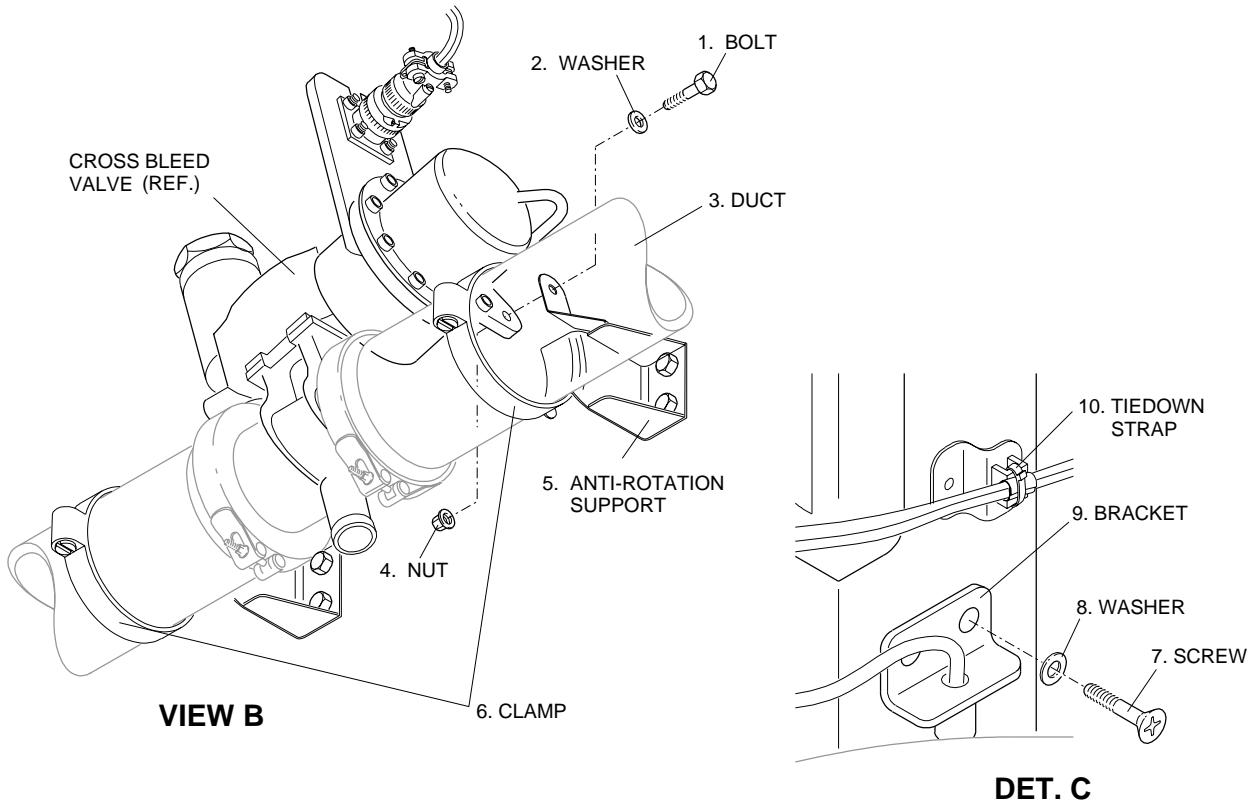
FOR AIRCRAFT WITH CLASS-C BAGGAGE COMPARTMENT

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EFFECTIVITY: ALL

Aft Pressure Bulkhead - Removal/Installation

Figure 401 - Sheet 2

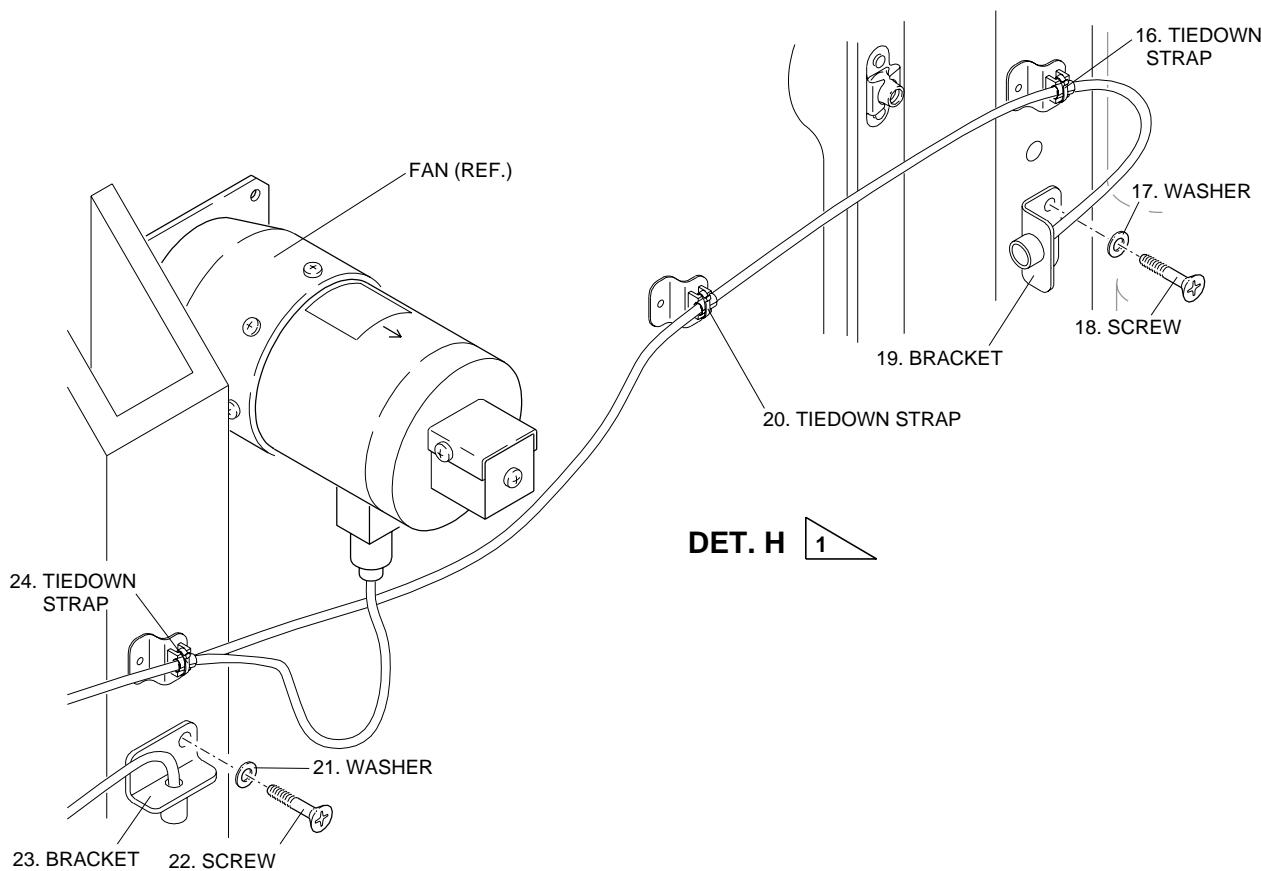
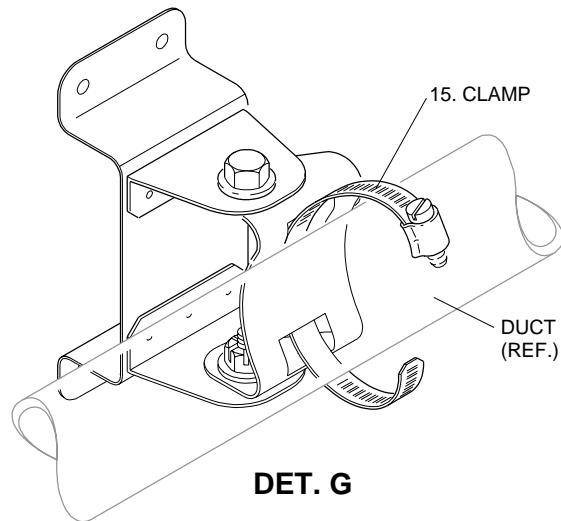
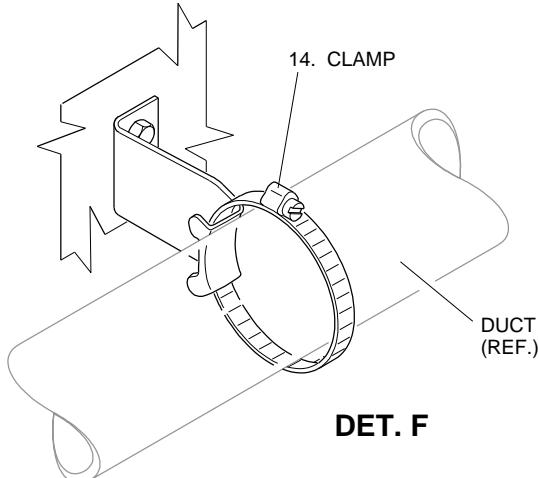


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EFFECTIVITY: ALL

Aft Pressure Bulkhead - Removal/Installation

Figure 401 - Sheet 3



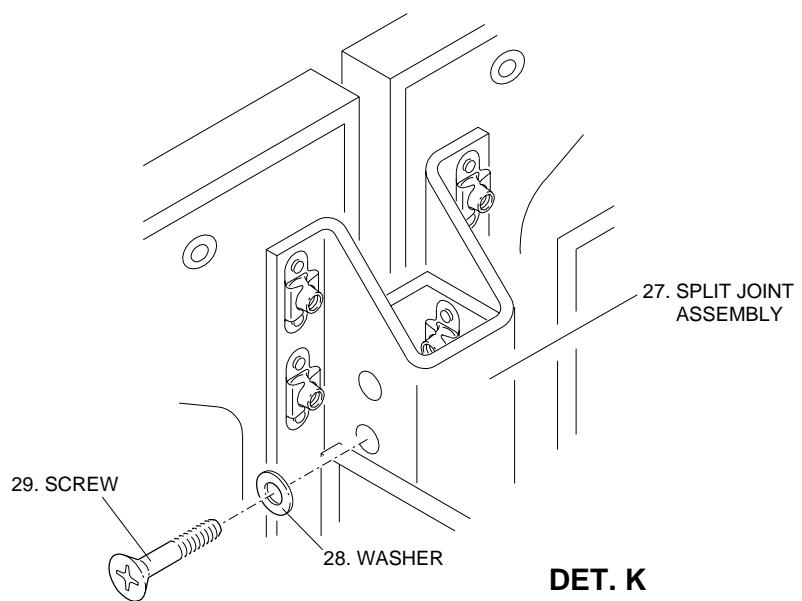
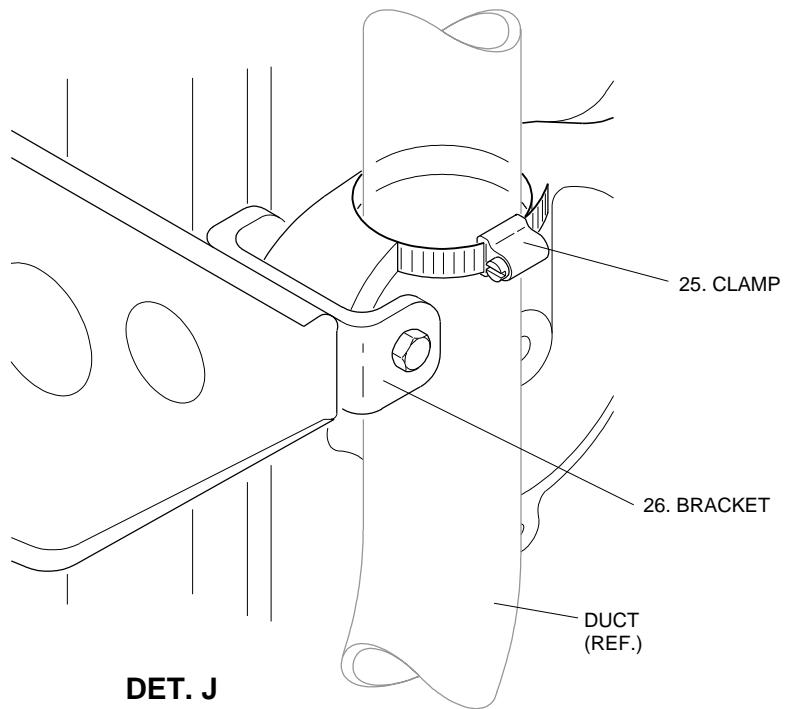
FOR AIRCRAFT WITH CLASS-C BAGGAGE COMPARTMENT

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EFFECTIVITY: ALL

Aft Pressure Bulkhead - Removal/Installation

Figure 401 - Sheet 4

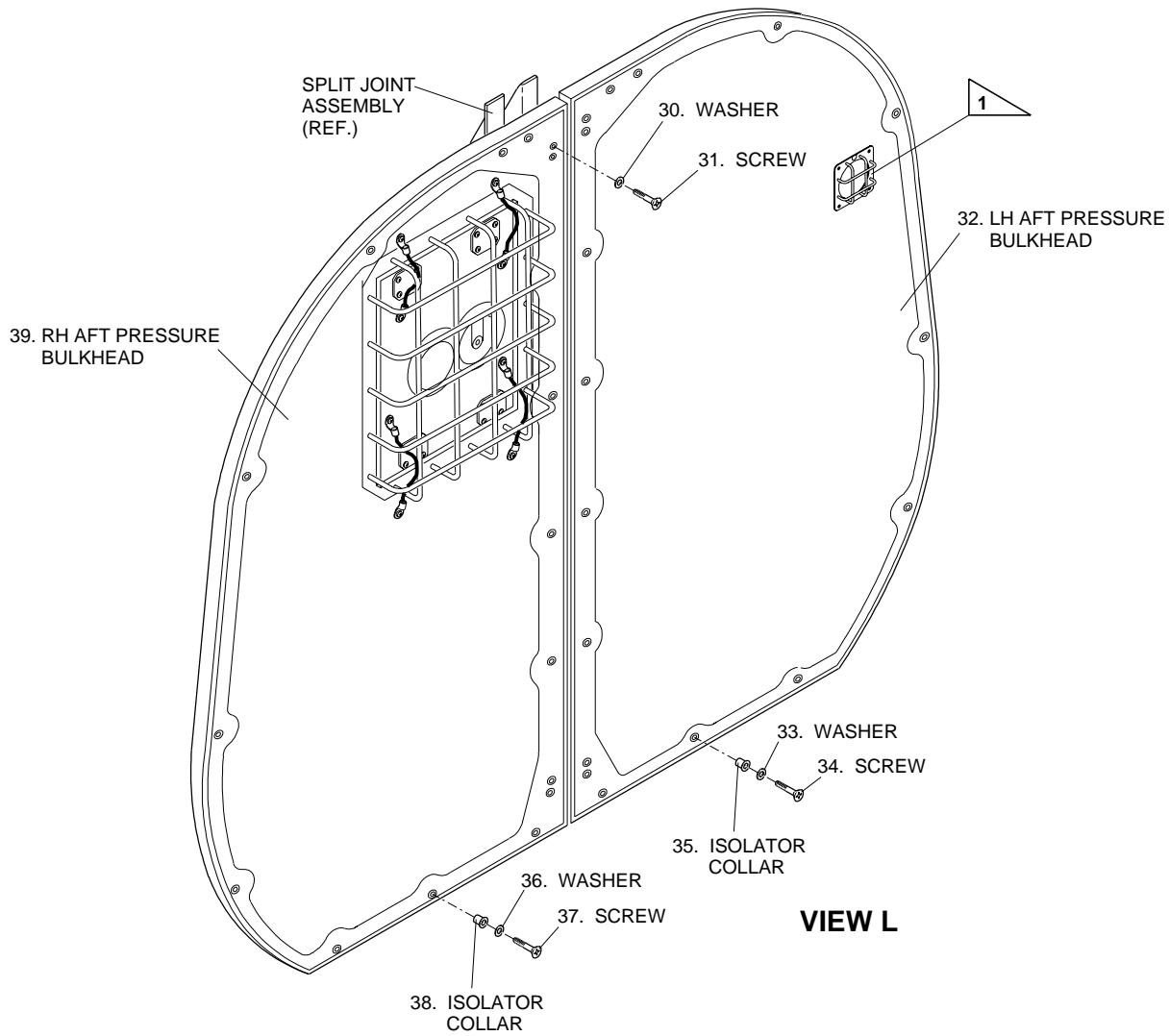


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EFFECTIVITY: ALL

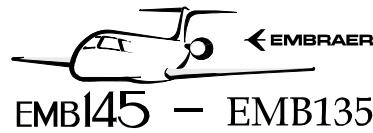
Aft Pressure Bulkhead - Removal/Installation

Figure 401 - Sheet 5



FOR AIRCRAFT WITH CLASS-C BAGGAGE COMPARTMENT

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TASK 25-51-03-400-801-A

EFFECTIVITY: ALL

3. AFT PRESSURE BULKHEAD - INSTALLATION

A. General

- (1) This task gives the procedures to install the aft pressure bulkhead.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM TASK 21-27-00-700-801-A/500	BAGGAGE COMPARTMENT VENTILATION SYSTEM - OPERATIONAL CHECK
AMM TASK 21-27-01-400-801-A/400	BAGGAGE COMPARTMENT FAN - INSTALLATION

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
MIL-S-23190	Cable tiedown strap	AR

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Cargo compartment

I. Installation (Figure 401)

SUBTASK 420-002-A

- (1) Install the RH aft pressure bulkhead (39) with the screws (37), the washers (36), and the isolator collars (38). Refer to VIEW L, Figure 401, sheet 5.
- (2) Install the LH aft pressure bulkhead (32) with the screws (34), washers (33) and isolator collars (35). Refer to VIEW L, Figure 401, sheet 5.
- (3) Install the split joint assembly with the screws (31) and washers (30). Refer to VIEW L, Figure 401, sheet 5.

- (4) Tighten the screws (29) and washers (28) on the split joint assembly (27). Refer to DET. K, Figure 401, sheet 4.
- (5) On the top, fit the duct on the bracket (26) with the clamp (25). Refer to DET. J, Figure 401, sheet 4.

WARNING: DO NOT TOUCH THE BLEED-AIR SYSTEM DUCTS OR COMPONENTS IMMEDIATELY AFTER THE ENGINE OR APU STOPS BECAUSE OF THE HIGH BLEED-AIR TEMPERATURE.

- (6) **NOTE:** For aircraft with class-C baggage compartment do the steps 6 and 7.
Install the harness in its correction position with new tiedown straps (16), (20) and (24). Refer to DET. H, Figure 401, sheet 3.
- (7) Install the brackets (19) and (23) on the LH aft pressure bulkhead with screws (18) and (22) and washers (17) and (21). Refer to DET. H, Figure 401, sheet 3.
- (8) Fit the ducts with the clamps (14) and (15) at the LH aft pressure bulkhead. Refer to DET. F and DET. G, Figure 401, sheet 3.
- (9) Install the harness in its correct position with new tiedown straps (13) at the LH aft pressure bulkhead. Refer to DET. E, Figure 401, sheet 2.
- (10) Fit the gasper duct (12) with new tiedown straps (11). Refer to DET. D, Figure 401, sheet 2.
- (11) Install the harness in its correct position with new tiedown straps (10) at the RH aft pressure bulkhead. Refer to DET. C, Figure 401, sheet 2.
- (12) Install the bracket (9) with the screws (7) and washers (8) on the RH aft pressure bulkhead. Refer to DET. C, Figure 401, sheet 2.
- (13) Fit the ducts (3) with the clamps (6) on the RH aft pressure bulkhead. Refer to VIEW B, Figure 401, sheet 2.
- (14) Install the anti-rotation support (5) at the cross bleed valve with bolt (1), washer (2) and nut (4). Refer to VIEW B, Figure 401, sheet 2.
- (15) Close access door 272DR AMM MPP 06-41-01/100.

J. Follow-on

SUBTASK 842-002-A

- (1) Install the baggage compartment fan **AMM TASK 21-27-01-400-801-A/400**.
- (2) Do an operational test on the baggage compartment ventilation system **AMM TASK 21-27-00-700-801-A/500**.
- (3) On the circuit breaker panel, close the CROSS BLEED circuit breaker and remove the DO-NOT-CLOSE tag to it.