

CROSS BLEED VALVE - CLEANING/PAINTING

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to get access to the cross-bleed valve.
- B. The procedure to clean the cross-bleed valve filter is in CMM 21-32-22 of Hamilton Standard.
- 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
36-10-01-100-801-A ♦	CROSS-BLEED VALVE FILTER - CLEAN- ING BY ULTRASONIC METHOD	ALL
36-10-01-100-802-A	CROSS-BLEED VALVE FILTER - CLEAN- ING BY AIR BLAST METHOD	ALL

TASK 36-10-01-100-801-A

EFFECTIVITY: ALL

2. CROSS-BLEED VALVE FILTER - CLEANING BY ULTRASONIC METHOD

A. General

(1) The cross-bleed valve is installed in the aft electronic compartment.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM TASK 36-10-01-000-802-A/400	FILTER - REMOVAL
AMM TASK 36-10-01-400-802-A/400	FILTER - INSTALLATION

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
272	272DR	Fuselage rear section I

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Ladder	To get access to the pylon	1

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	In the aft electronic compartment

I. Preparation

SUBTASK 841-002-A

- (1) Put the ladder in the work area.
- (2) Remove access panel 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.

- (3) Remove the cross-bleed valve air filter ([AMM TASK 36-10-01-000-802-A/400](#)).

J. Clean the Cross-Bleed Valve Filter by Ultrasonic Method ([Figure 701](#))

SUBTASK 130-002-A

- (1) To do the procedure, refer to the last revision of CMM 21-32-22 from Hamilton Standard.

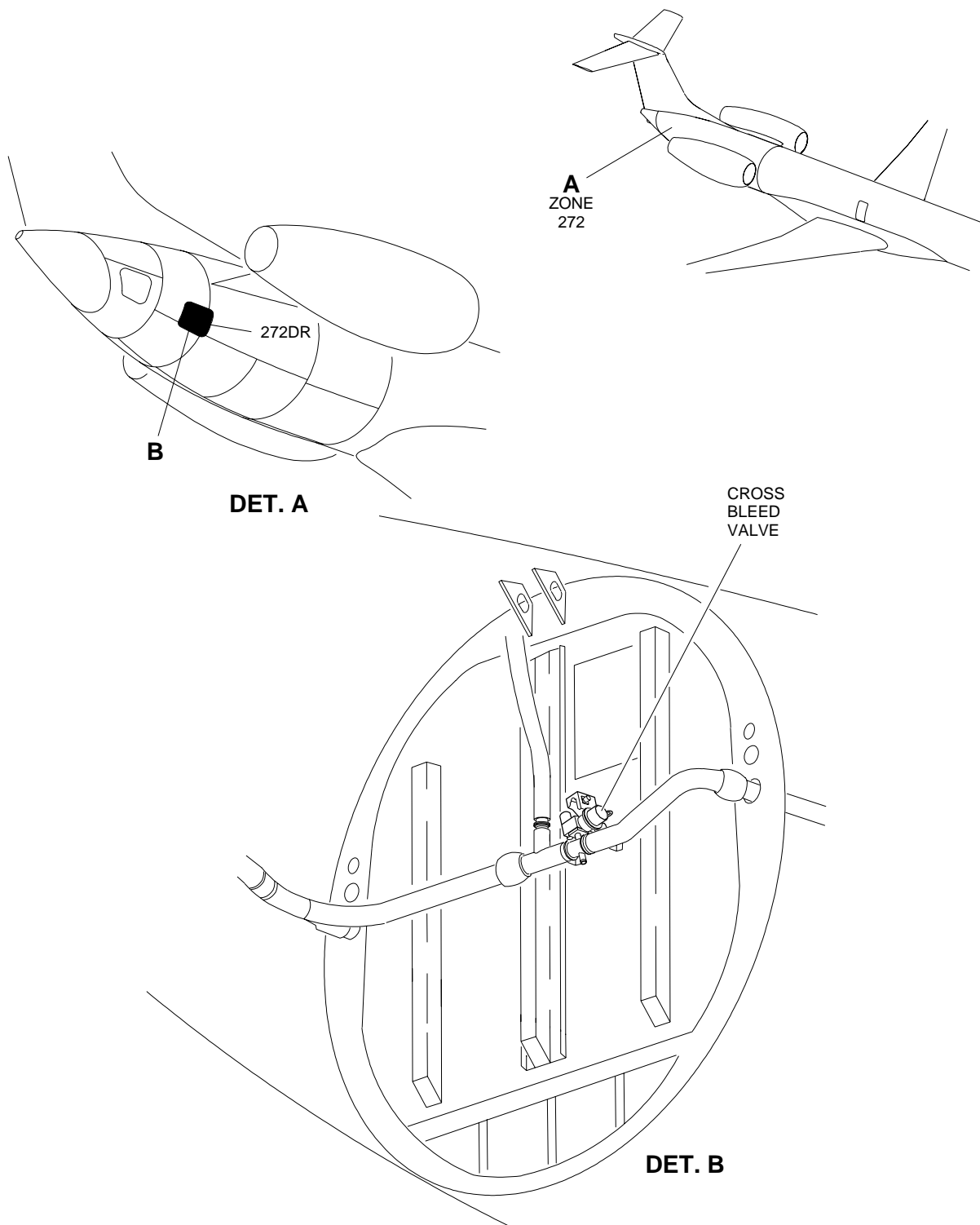
NOTE: After you remove the valve filter, inspect the filter housing for dirt and contaminants. If dirt or contaminants are found, clean the filter cavity with a pneumatic vacuum device, or other method, make sure that no residues are left in the cavity. Use visual inspection aids as necessary to make sure that dirt and contamination are correctly removed.

K. Follow-on

SUBTASK 842-002-A

- (1) Install the cross-bleed valve air filter ([AMM TASK 36-10-01-400-802-A/400](#)).
- (2) Install access panel 272DR (AMM MPP 06-41-01/100).
- (3) Remove the ladder from the work area.

EFFECTIVITY: ALL
Cross-Bleed Valve - Location
Figure 701



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TASK 36-10-01-100-802-A
EFFECTIVITY: ALL

3. CROSS-BLEED VALVE FILTER - CLEANING BY AIR BLAST METHOD

A. General

(1) The cross-bleed valves is installed in the aft electronic compartment.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM TASK 20-40-02-910-801-A/200	STATIC GROUNDING - STANDARD PRACTICES
AMM TASK 36-10-01-000-802-A/400	FILTER - REMOVAL
AMM TASK 36-10-01-400-802-A/400	FILTER - INSTALLATION

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
272	272DR	Fuselage rear section I

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Ladder	To get access to the pylon	1
Commercially available	Goggles	For protection of your eyes	1
Commercially available	Gloves	For protection of your hands	1
Locally available	Source of dry and filtered compressed air	To blow and dry	1

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
Electro 140	Contact Cleaner, LPS	AR

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	At the aft electronic compartment

I. Preparation

SUBTASK 841-003-A

- (1) Keep the aircraft grounded ([AMM TASK 20-40-02-910-801-A/200](#)).
- (2) Put the ladder in the work area.
- (3) Remove access panels 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.

- (4) Remove the cross-bleed valve air filter ([AMM TASK 36-10-01-000-802-A/400](#)).

J. Clean Cross-bleed Valve Air Filter by Air Blast Method ([Figure 702](#))

SUBTASK 170-002-A

WARNING: USE EYE AND HAND PROTECTION WHEN YOU USE AN AIR SOURCE TO CLEAN. CONTAMINANTS CAN BECOME AIRBORNE AND CAUSE INJURY TO YOUR EYES AND HANDS.

- (1) Blowing air at 25 psi maximum pressure from the regulated source of air regulated source air to remove heavy contaminants.
- (2) Spray the cross-bleed valve filter with an electro-contact cleaning solution.
- (3) To remove the residual cleaning solution, let the filter air-dry or blow on it with a 25 psi maximum pressure from the air source.

K. Follow-on

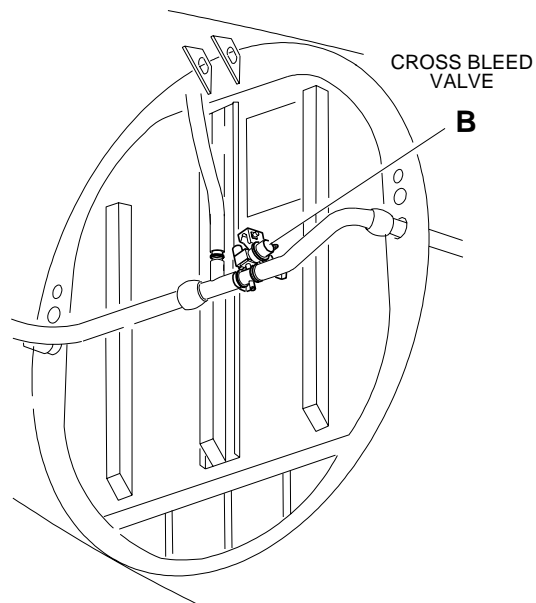
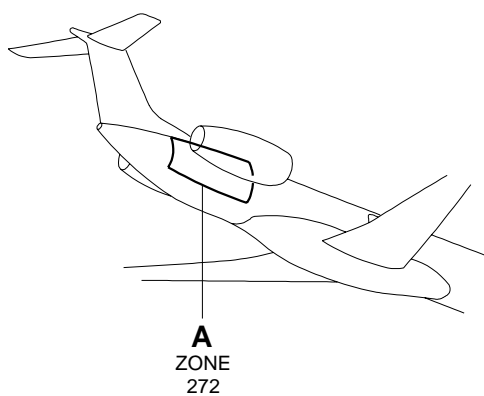
SUBTASK 842-003-A

- (1) Install the cross-bleed valve air filter ([AMM TASK 36-10-01-400-802-A/400](#)).
- (2) Install access panels 272DR (AMM MPP 06-41-01/100).
- (3) Remove the ladder from the work area.

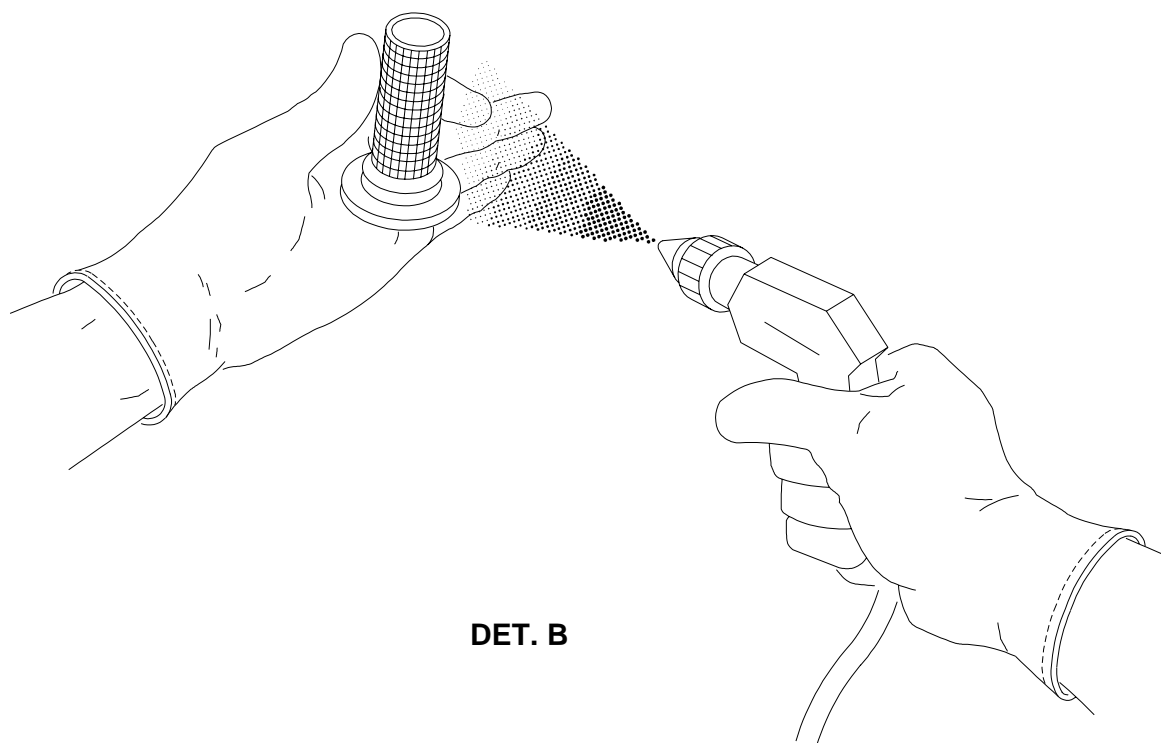
EFFECTIVITY: ALL

Cross-bleed Valve Air Filter - Cleaning

Figure 702



DET. A



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