



## AIRCRAFT MAINTENANCE MANUAL

### APU BLEED-AIR CHECK VALVE - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

#### 1. General

- A. This section gives the procedures to remove and install the APU bleed-air check valve.
- 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
36-12-02-000-801-A	APU BLEED-AIR CHECK VALVE - RE- MOVAL	ALL
36-12-02-400-801-A	APU BLEED-AIR CHECK VALVE - INSTAL- LATION	ALL



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TASK 36-12-02-000-801-A

EFFECTIVITY: ALL

2. APU BLEED-AIR CHECK VALVE - REMOVAL

A. General

(1) This task gives the instructions to remove the APU bleed-air check valve.

B. References

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

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 work area	1

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Aft electronic compartment

I. Preparation

SUBTASK 841-002-A

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

J. Removal (Figure 401)

SUBTASK 020-002-A

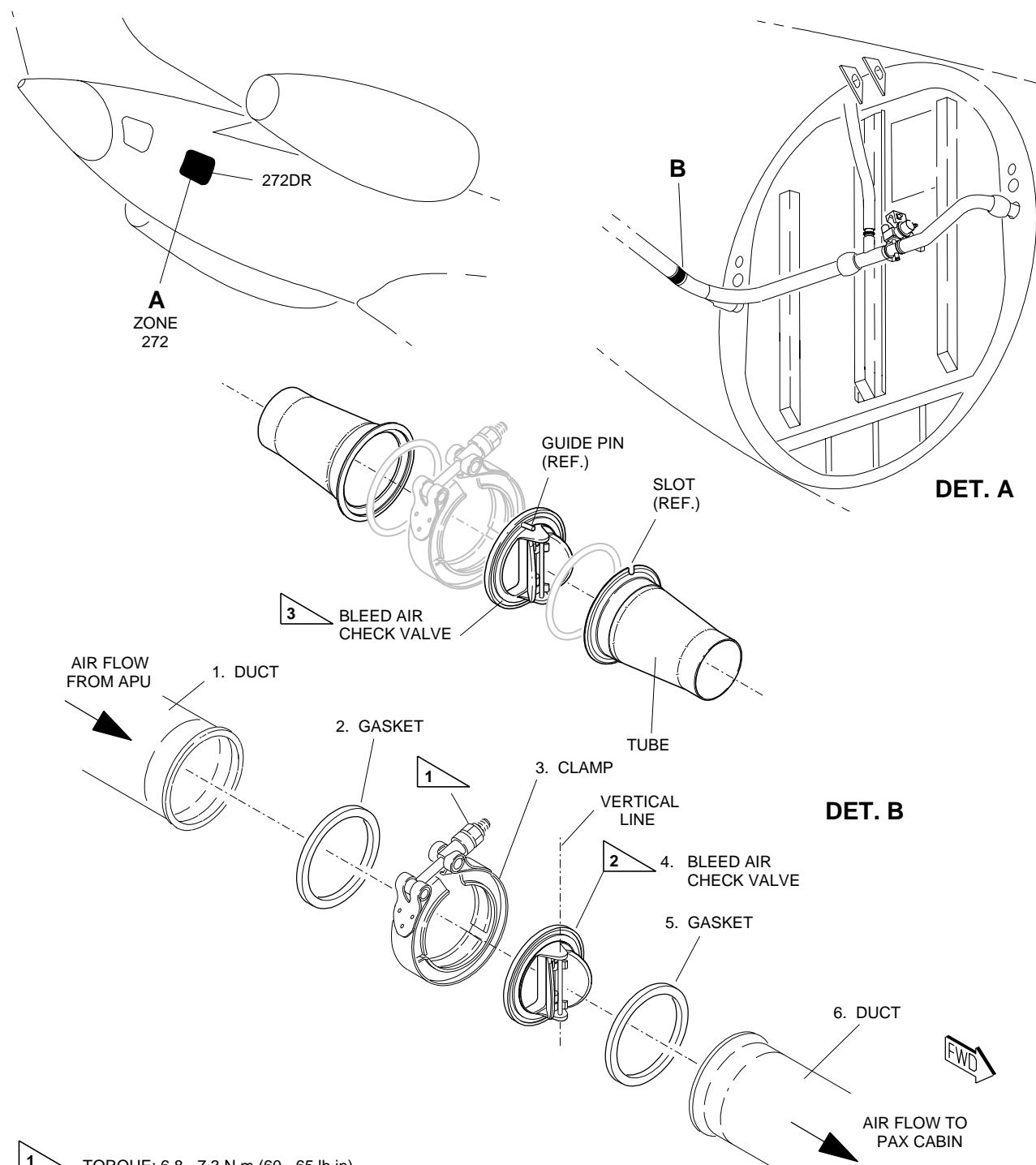
**WARNING: DO NOT TOUCH THE BLEED-AIR SYSTEM DUCTS OR COMPONENTS IMMEDIATELY AFTER THE ENGINE OR APU STOPS BECAUSE OF THE HIGH BLEED-AIR TEMPERATURE.**



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CAUTION: WHEN YOU REMOVE THE VALVE, BE CAREFUL NOT TO LET ITS GASKETS FALL DOWN INTO THE AIRCRAFT.

- (1) Release the Marman V-clamp (3).
- (2) Remove the APU bleed-air check valve (4).
- (3) Remove and discard the gaskets (2) and (5).
- (4) Install the plastic plugs to the ducts (1) and (6).

**EFFECTIVITY: ALL**
**APU Bleed-Air Check Valve - Removal/Installation**
**Figure 401**


- 1** TORQUE: 6.8 - 7.3 N.m (60 - 65 lb.in).  
REFER TO TASK 20-10-10-910-801-A FOR CORRECT INSTALLATION OF V-CIAMPS.
- 2** THE BLEED AIR CHECK VALVE MUST BE INSTALLED WITH ITS FLAP SHAFT CENTER LINE POSITIONED ON THE VERTICAL LINE PRE-MOD S.B. 145-36-0011.
- 3** THE BLEED AIR CHECK VALVE MUST BE INSTALLED WITH ITS GUIDE PIN POSITIONED ON THE SLOT OF THE TUBE POS-MOD S. B. 145-36-0011.

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TASK 36-12-02-400-801-A

EFFECTIVITY: ALL

3. APU BLEED-AIR CHECK VALVE - INSTALLATION

A. General

(1) This task gives the instructions to install the APU bleed-air check valve.

B. References

REFERENCE	DESIGNATION
36-12-02	-
AMM MPP 06-41-01/100	-
<a href="#">AMM TASK 20-10-10-910-801-A/200</a>	V-BAND CLAMPS - 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 work area	1

F. Consumable Materials

Not Applicable

G. Expendable Parts

ITEM	IPC REFERENCE (VENDOR REFERENCE)	QTY
Gasket	36-12-02	2

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Aft electronic compartment

I. Installation (Figure 401)

SUBTASK 420-002-A

CAUTION: MAKE SURE THAT THE TUBES ARE CLEAN, WITHOUT DUST, SOLIDS, GREASE, ETC.

(1) Remove the plastic plugs from the ducts (1) and (6).

- (2) Install the new gaskets (2) and (5).
- (3) Install the APU bleed-air check valve (4) with the arrow in the bleed-air-flow direction and in the vertical position.
- (4) Connect the APU bleed-air check valve to the ducts (1) and (6).

**CAUTION: REFER TO AMM TASK 20-10-10-910-801-A/200 FOR CORRECT INSTALLATION OF V-CLAMP.**

- (5) Install the clamp (3).
- (6) Tighten the clamp (3) to the torque shown in (Figure 401).

J. Follow-on

**SUBTASK 842-002-A**

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