

DUMP VALVE - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove/install the dump 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
28-11-03-000-801-A	DUMP VALVE - REMOVAL	ACFT WITH WET WINGSTUB
28-11-03-400-801-A	DUMP VALVE - INSTALLATION	ACFT WITH WET WINGSTUB
28-11-03-000-802-A	DUMP VALVE - REMOVAL	ACFT WITH DRY WINGSTUB
28-11-03-400-802-A	DUMP VALVE - INSTALLATION	ACFT WITH DRY WINGSTUB

TASK 28-11-03-000-801-A

EFFECTIVITY: ACFT WITH WET WINGSTUB

2. DUMP VALVE - REMOVAL

A. General

(1) This task is applicable to the LH fuel tank and to the RH fuel tank.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM MPP 06-44-00/100	- COMPONENT LOCATION
AMM MPP 28-00-00/200	- MAINTENANCE PRACTICES
AMM TASK 12-11-01-600-802-A/300	FUEL-TANK PRESSURE DEFUELING - SERVICING
AMM TASK 28-11-01-000-801-A/400	FUEL-TANK ACCESS PANELS - REMOVAL

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
155	155BZ	LH wing stub undersurface
156	156BZ	RH wing stub undersurface
192	192AL/192BR	Center lower fairing

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	LH/RH Underwing area/Wing stub under-surface

I. Preparation

SUBTASK 841-002-A

WARNING: BEFORE YOU DO THE TASK, OBEY THE SAFETY PRECAUTIONS GIVEN IN [AMM MPP 28-00-00/200](#) TO PREVENT INJURY TO PERSONS AND DAMAGE TO MATERIAL.

(1) Defuel the tanks ([AMM TASK 12-11-01-600-802-A/300](#)).

(2) Remove the access doors (1) ([AMM MPP 06-44-00/100](#)), (AMM MPP 06-41-01/100) and ([AMM TASK 28-11-01-000-801-A/400](#)) shown below to get access to the dump valves:

(a) LH fuel tank:

- 155BZ.

(b) RH fuel tank:

- 156BZ.

(c) Center lower fairing:

- 192AL/192BR.

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

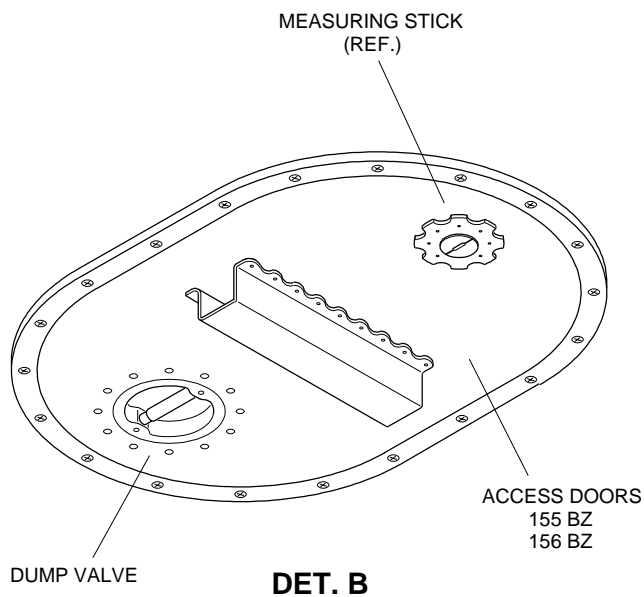
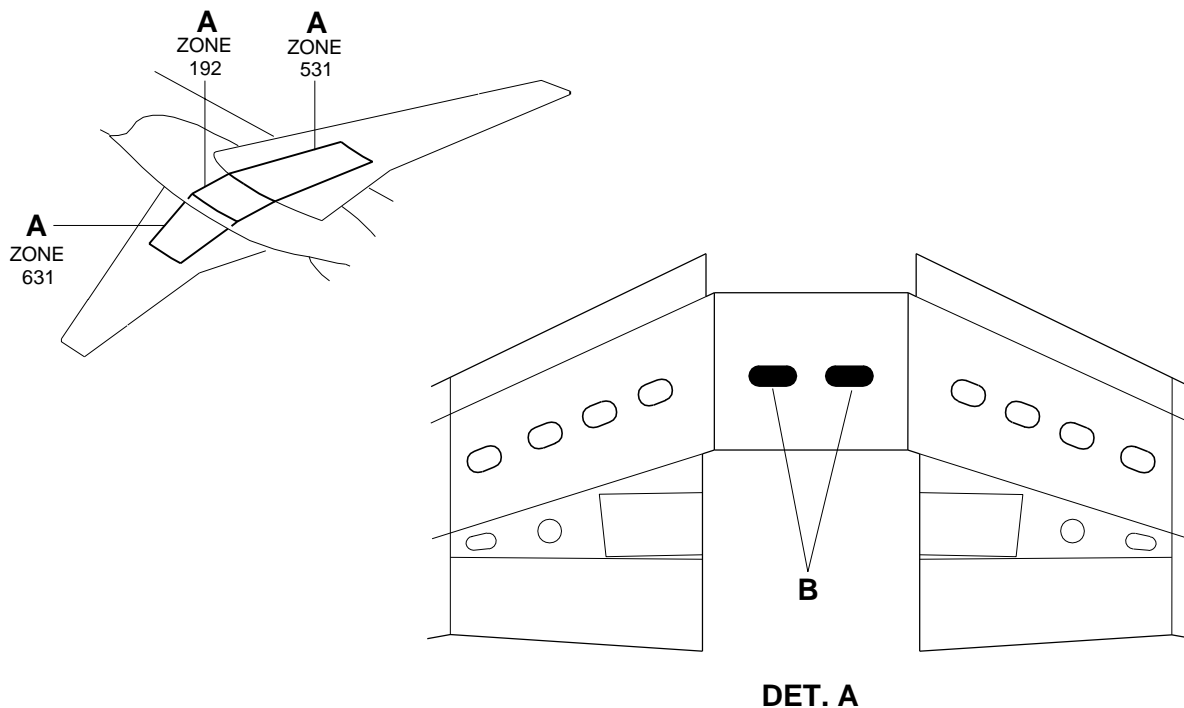
SUBTASK 020-002-A

- (1) Remove the cover assembly (2). To do this, slide the handle assembly (3) in the arrow direction and turn it left.
- (2) Remove the O-ring (4) from the dump valve body (5).
- (3) Discard the O-ring (4).
- (4) Remove the locking pin (6), washer (7), and spring (8) from the dump valve body (5).
- (5) Remove the internal body (9) and O-ring (10).
- (6) Discard the O-ring (10).

EFFECTIVITY: ACFT WITH WET WINGSTUB

Dump Valve - Removal/Installation

Figure 401 - Sheet 1

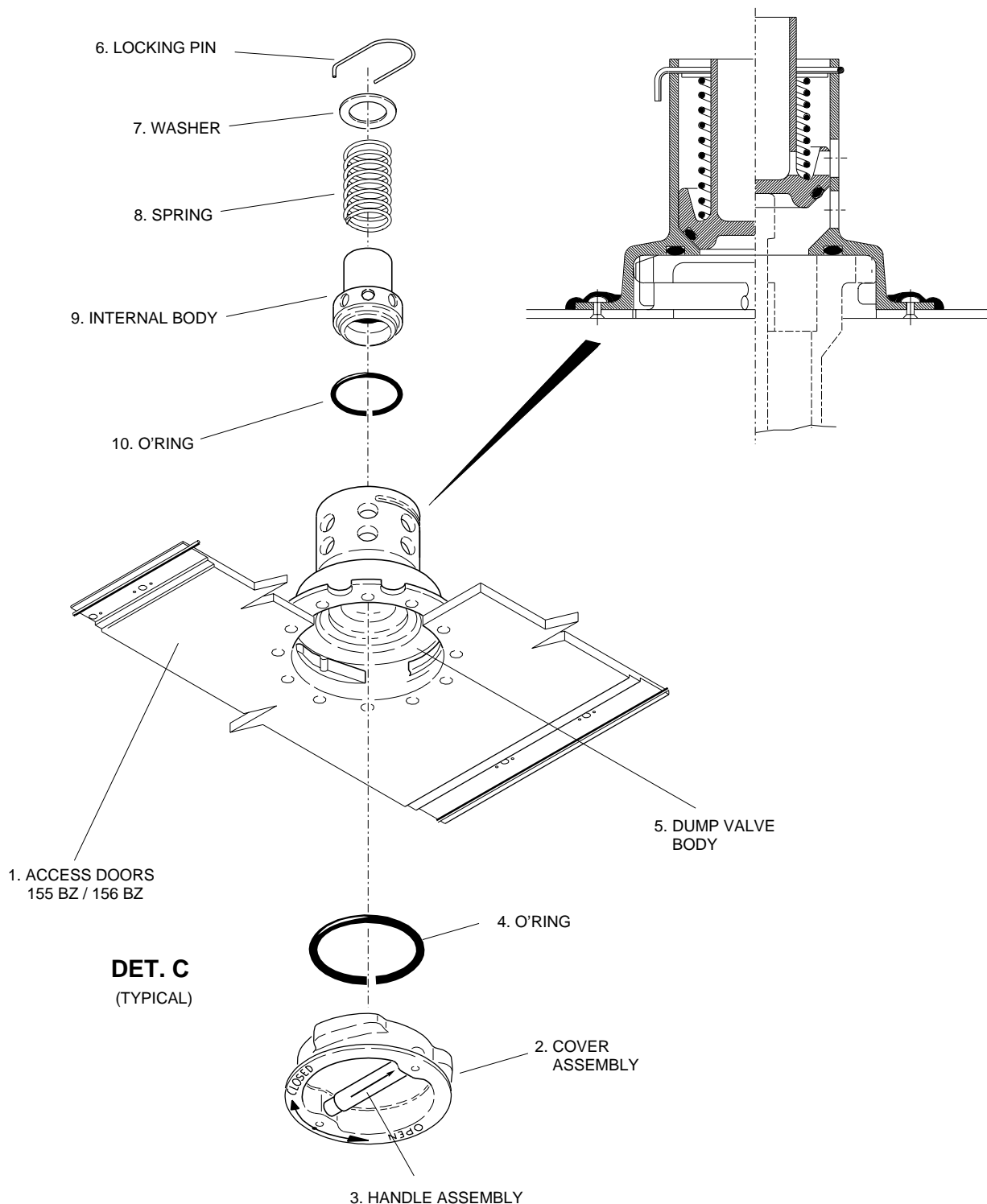


145AMM280123.MCE C

EFFECTIVITY: ACFT WITH WET WINGSTUB

Dump Valve - Removal/Installation

Figure 401 - Sheet 2



145AMM280102.MCE B

TASK 28-11-03-400-801-A

EFFECTIVITY: ACFT WITH WET WINGSTUB

3. DUMP VALVE - INSTALLATION

A. General

(1) This task is applicable to the LH fuel tank and to the RH fuel tank.

B. References

REFERENCE	DESIGNATION
28-23-00	-
AMM MPP 06-41-01/100	-
AMM MPP 06-44-00/100	- COMPONENT LOCATION
AMM MPP 28-00-00/200	- MAINTENANCE PRACTICES
AMM MPP 28-11-01/400	- REMOVAL/INSTALLATION
AMM TASK 12-11-01-600-801-A/300	FUEL-TANK PRESSURE REFUELING - SERVICING
AMM TASK 28-41-00-200-801-A/600	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
155	155BZ	LH wing stub undersurface
156	156BZ	RH wing stub undersurface
192	192AL/192BR	Center lower fairing

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
Molykote DC-33 Light	Lubricant	AR

G. Expendable Parts

ITEM	IPC REFERENCE (VENDOR REFERENCE)	QTY
O-ring	28-23-00	2

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	LH/RH Underwing area/Wing stub under-surface

I. Preparation

SUBTASK 841-003-A

- (1) Lightly apply Molykote lubricant to the O-ring (4) and O-ring (10).

J. Installation (Figure 401)

SUBTASK 420-002-A

WARNING: BEFORE YOU DO THE TASK, OBEY THE SAFETY PRECAUTIONS GIVEN IN [AMM MPP 28-00-00/200](#) TO PREVENT INJURY TO PERSONS AND DAMAGE TO MATERIAL.

- (1) Install the O-ring (10) and internal body (9) in the dump valve body (5).
- (2) Install the spring (8), washer (7), and locking pin (6).
- (3) Install the O-ring (4) in the dump valve body (5).
- (4) Install the cover assembly (2). To do this, slide the handle assembly (3) in the direction of the arrow and turn it right, into the dump valve body (5).

K. Follow-on

SUBTASK 842-002-A

- (1) Do an inspection on the fuel quantity indication harness (AMM TASK 28-41-00-200-801-A/600).

NOTE: The inspection of fuel quantity indication harness is a part of Critical Design Configuration Control Limitations (CDCCL) in the Airworthiness Limitations of the Maintenance Review Board Report (MRB).

- (2) Install the access doors below ([AMM MPP 06-44-00/100](#)), (AMM MPP 06-41-01/100) and ([AMM MPP 28-11-01/400](#)):
 - (a) LH fuel tank:
 - 155BZ.
 - (b) RH fuel tank:
 - 156BZ.
 - (c) Center lower fairing:
 - 192AL/192BR.
- (3) Refuel the tanks ([AMM TASK 12-11-01-600-801-A/300](#)) as applicable.
- (4) Examine the access panels which were removed for fuel leakage. Correct as necessary.

TASK 28-11-03-000-802-A

EFFECTIVITY: ACFT WITH DRY WINGSTUB

4. DUMP VALVE - REMOVAL

A. General

(1) This task is applicable to the LH fuel tank and to the RH fuel tank.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-44-00/100	- COMPONENT LOCATION
AMM MPP 28-00-00/200	- MAINTENANCE PRACTICES
AMM TASK 12-11-01-600-802-A/300	FUEL-TANK PRESSURE DEFUELING - SERVICING
AMM TASK 28-11-01-000-802-A/400	FUEL-TANK ACCESS PANELS - REMOVAL

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
531	531AB	LH Underwing area
631	631AB	RH Underwing area

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	LH/RH Underwing area

I. Preparation

SUBTASK 841-004-A

WARNING: BEFORE YOU DO THE TASK, OBEY THE SAFETY PRECAUTIONS GIVEN IN [AMM MPP 28-00-00/200](#) TO PREVENT INJURY TO PERSONS AND DAMAGE TO MATERIAL.

- (1) Defuel the tanks ([AMM TASK 12-11-01-600-802-A/300](#)).
- (2) Remove the access doors (1) ([AMM MPP 06-44-00/100](#)) and ([AMM TASK 28-11-01-000-802-A/400](#)) shown below to get access to the dump valves:

(a) LH fuel tank:

- 531AB.

(b) RH fuel tank:

- 631AB.

J. Removal ([Figure 402](#))

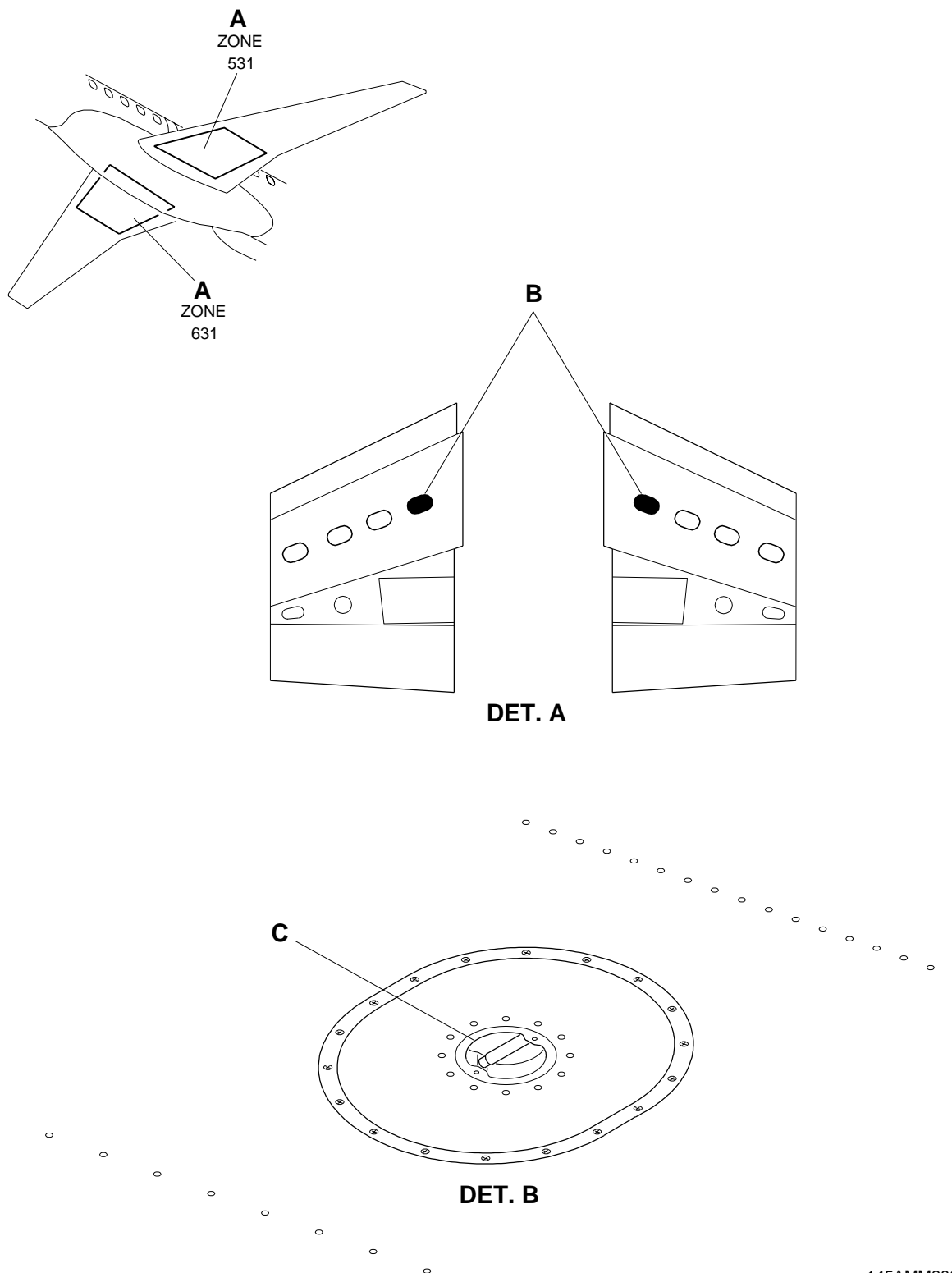
SUBTASK 020-003-A

- (1) Remove the cover assembly (2). To do this, slide the handle assembly (3) in the arrow direction and turn it left.
- (2) Remove the O-ring (4) from the dump valve body (5).
- (3) Discard the O-ring (4).
- (4) Remove the locking pin (6), washer (7), and spring (8) from the dump valve body (5).
- (5) Remove the internal body (9) and O-ring (10).
- (6) Discard the O-ring (10).

EFFECTIVITY: ACFT WITH DRY WINGSTUB

Dump Valve - Removal/Installation

Figure 402 - Sheet 1

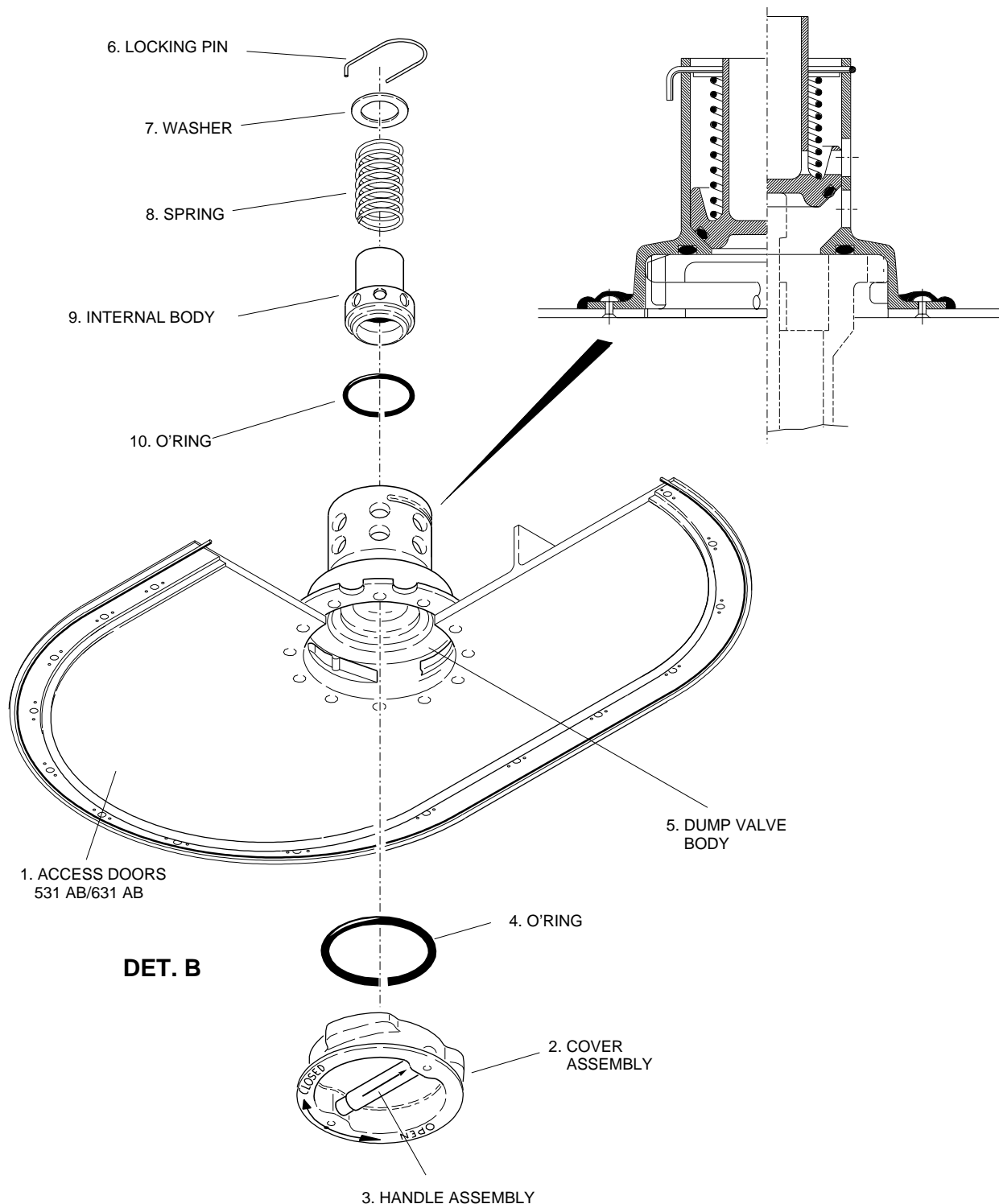


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EFFECTIVITY: ACFT WITH DRY WINGSTUB

Dump Valve - Removal/Installation

Figure 402 - Sheet 2



145AMM280128.MCE

TASK 28-11-03-400-802-A

EFFECTIVITY: ACFT WITH DRY WINGSTUB

5. DUMP VALVE - INSTALLATION

A. General

(1) This task is applicable to the LH fuel tank and to the RH fuel tank.

B. References

REFERENCE	DESIGNATION
28-23-00	-
AMM MPP 06-44-00/100	- COMPONENT LOCATION
AMM MPP 28-00-00/200	- MAINTENANCE PRACTICES
AMM TASK 12-11-01-600-801-A/300	FUEL-TANK PRESSURE REFUELING - SERVICING
AMM TASK 28-11-01-400-802-A/400	FUEL-TANK ACCESS PANELS - INSTALLATION

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
531	531AB	LH Underwing area
631	631AB	RH Underwing area

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
Molykote DC-33 Light	Lubricant	AR

G. Expendable Parts

ITEM	IPC REFERENCE (VENDOR REFERENCE)	QTY
O-ring	28-23-00	2

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	LH/RH Underwing area

I. Preparation

SUBTASK 841-005-A

- (1) Lightly apply Molykote lubricant to the O-ring (4) and O-ring (10).

J. Installation (Figure 402)

SUBTASK 420-003-A

WARNING: BEFORE YOU DO THE TASK, OBEY THE SAFETY PRECAUTIONS GIVEN IN [AMM MPP 28-00-00/200](#) TO PREVENT INJURY TO PERSONS AND DAMAGE TO MATERIAL.

- (1) Install the O-ring (10) and internal body (9) in the dump valve body (5).
- (2) Install the spring (8), washer (7), and locking pin (6).
- (3) Install the O-ring (4) in the dump valve body (5).
- (4) Install the cover assembly (2). To do this, slide the handle assembly (3) in the direction of the arrow and turn it right, into the dump valve body (5).

K. Follow-on

SUBTASK 842-003-A

- (1) Install the access doors below ([AMM MPP 06-44-00/100](#)) and ([AMM TASK 28-11-01-400-802-A/400](#)).
 - (a) LH fuel tank:
 - 531AB.
 - (b) RH fuel tank:
 - 631AB.
- (2) Refuel the tanks ([AMM TASK 12-11-01-600-801-A/300](#)) as applicable.
- (3) Examine the access panels which were removed for fuel leakage. Correct as necessary.

