

TANK DRAIN VALVE - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives procedures for the removal and installation of the tank drain 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
38-10-05-000-801-A	TANK DRAIN VALVE - REMOVAL	ALL
38-10-05-400-801-A	TANK DRAIN VALVE - INSTALLATION	ALL

TASK 38-10-05-000-801-A

EFFECTIVITY: ALL

2. TANK DRAIN VALVE - REMOVAL

A. General

(1) This task gives the procedures for the removal of the tank drain valve.

B. Zones and Accesses

Not Applicable

C. Tools and Equipment

Not Applicable

D. Auxiliary Items

Not Applicable

E. Consumable Materials

Not Applicable

F. Expandable Parts

Not Applicable

G. Persons Recommended

<i>QTY</i>	<i>FUNCTION</i>	<i>PLACE</i>
1	Performs the task	Passenger cabin

H. Preparation

SUBTASK 841-002-A

(1) Disconnect water supply before proceeding.

I. Removal of the Tank Drain Valve (Figure 401)

SUBTASK 020-002-A

(1) Remove the turnbuckle (15).

(2) Remove the rod end clevis (10) with the cotter pin (11) and the straight pin (12).

(3) Remove the drain valve handle (13) with the spring pin (14).

(4) Remove the cap (3) and the washer (4) from the fitting (5).

CAUTION: THE FITTING (5) IS UNDER SPRING TENSION. USE CARE TO PREVENT INJURY DURING REMOVAL.

(5) Remove the fitting (5) from the spring (6) from the valve body (9).

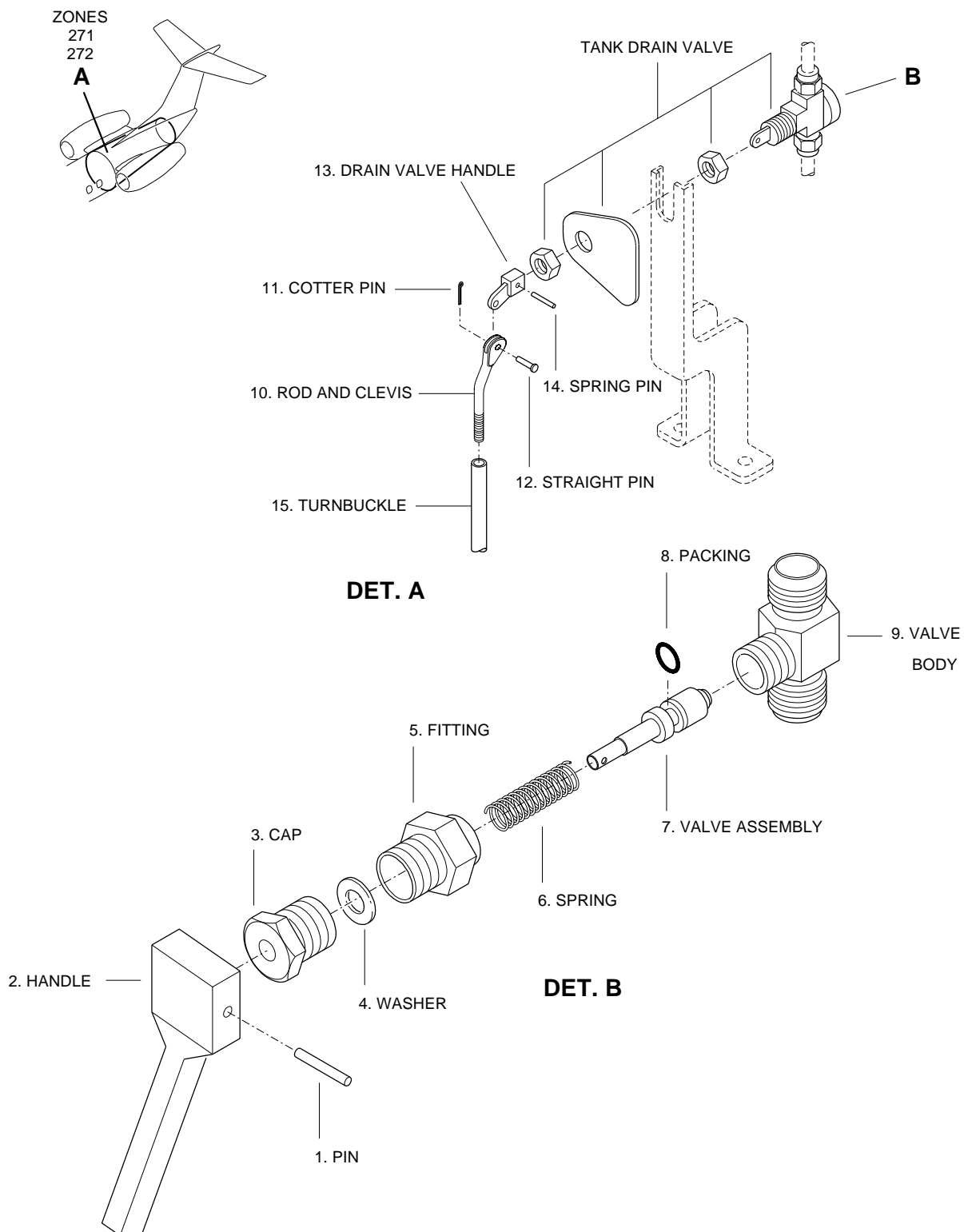
(6) Slide the valve assembly (7) out of the valve body (9).

(7) Remove and discard the packing (8) from the valve assembly (7).

EFFECTIVITY: ALL

Tank Drain Valve - Removal/Installation

Figure 401



EM145AMM380209B.DGN

TASK 38-10-05-400-801-A

EFFECTIVITY: ALL

3. TANK DRAIN VALVE - INSTALLATION

A. General

(1) This task gives the procedures for the installation of the tank drain valve.

B. References

REFERENCE	DESIGNATION
IPC 38-10-05	TANK DRAIN VALVE
TASK 38-10-05-790-801-A	-

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

Not Applicable

G. Expendable Parts

ITEM	IPC REFERENCE (VENDOR REFERENCE)	QTY
Seal Kit (includes lubricant and instructions)	IPC 38-10-05	1

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Performs the task	Passenger cabin

I. Installation of the Tank Drain Valve (Figure 401)

SUBTASK 420-002-A

- NOTE:**
- The piece parts of the tank drain valve are only sold as a kit. If the tank drain valve is damaged, order the kit prior to overhaul.
 - If a new tank drain valve is being installed, remove and discard the pin (1) and handle (2) from this kit.

- Lubricate and install the new packing (8) on the valve assembly (7) as instructed with the expendable seal kit reference (IPC 38-10-05).
- Slide the valve assembly (7) in the valve body (9).

CAUTION: THE FITTING (5) IS UNDER SPRING TENSION. USE CARE TO PREVENT INJURY DURING INSTALLATION.

- (3) Install the spring (6) in the valve body (9).
- (4) Compress the spring (6) and install the fitting (5) on the valve body (9).
- (5) Install the cap (3) and the washer (4) on the fitting (5).
- (6) Install the drain valve handle (13) with the spring pin (14).
- (7) Install the rod end clevis (10) with the cotter pin (11) and the straight pin (12).
- (8) Install the turnbuckle (15).

J. Follow-on

SUBTASK 842-002-A

- (1) Connect water supply lines.
- (2) Leak test the valve (TASK 38-10-05-790-801-A).

