



AIRCRAFT  
MAINTENANCE MANUAL

MAIN DOOR DRAIN VALVES - INSPECTION/CHECK

EFFECTIVITY: ALL

1. General

- A. The procedures given in this section are applicable to the inspection of the main door drains.
- 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
52-14-01-200-801-A	MAIN DOOR DRAINS - INSPECTION/ CHECK	ALL



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TASK 52-14-01-200-801-A

EFFECTIVITY: ALL

2. MAIN DOOR DRAINS - INSPECTION/CHECK

A. General

- (1) There are three drain valves installed in the main door skin. Refer to [Figure 601](#).
- (2) The main door drain valves are made in rubber.

B. References

REFERENCE	DESIGNATION
AMM SDS 52-10-00/1	
AMM TASK 25-23-04-000-801-A/400	MAIN-DOOR LINING PANEL - REMOVAL
AMM TASK 25-81-01-000-801-A/400	-
AMM TASK 25-81-01-400-801-A/400	-
SRM 51-40-02/PR	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
811	-	Main Door

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Screwdriver	To remove/install the drain valve	
Commercially available	Wiper cloth	To dry the drain valves	

E. Auxiliary Items

Not Applicable

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
Commercially available	Neutral liquid detergent	AR

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Outside the aircraft

I. Preparation

SUBTASK 841-004-A

- (1) Open the main door ([AMM SDS 52-10-00/1](#)).
- (2) Remove the main-door lining panels ([AMM TASK 25-23-04-000-801-A/400](#)).
- (3) Remove the main door thermoacoustic insulation, only to get access to the drain holes and valves ([AMM TASK 25-81-01-000-801-A/400](#)).

J. Detailed Inspection on Main-Door Drain Valves for Obstruction or Damage ([Figure 601](#))

SUBTASK 220-008-A

- (1) Pour water into the drain valves from the internal side of the door. Refer to [Figure 601](#); Sheet 1.
- (2) From the external side, make sure that water flows through the drain valves.
- (3) If there is water flow, dry the wet region with a wiper cloth.
- (4) If there is no water flow in a drain, do as follows:
  - (a) For screwed drain valves:
    - 1 Remove the screws (5), nuts (1), and washers (2) of the three drain valves as shown in [Figure 601](#); Sheet 2.
    - 2 Remove the washers (3) and the drain valves (4) from the main door.
    - 3 Lightly rub the surfaces of the main door drain valves with a soft cloth soaked in neutral detergent and clean with water.
    - 4 Install the three drain valves with the washers, nuts, and screws on the main door.
  - (b) For riveted drain valves:
    - 1 Remove the rivets. Refer to SRM 51-40-02/PR. Then, remove the drain valves (4) from the main door.
    - 2 Lightly rub the surfaces of the main-door drain valves with a soft cloth soaked in neutral detergent and clean with water.
    - 3 Install the rivets. Refer to SRM 51-40-02/PR.

K. Inspection on Main-Door Drain Holes for Obstruction ([Figure 602](#))

SUBTASK 220-009-A

- (1) Do a visual check on the drain holes for clogging.
- (2) If the drain holes are clogged, remove the dirty material and clean the region with a wiper cloth.



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L. Inspection on Lock-Box Drain Holes for Obstruction ([Figure 602](#))

SUBTASK 220-010-A

- (1) Do a visual check on the lock-box drain holes for clogging.
- (2) If the drain holes are clogged, remove the dirt from the drain holes with a thin wire and from the lock box with compressed air.

M. Follow-on

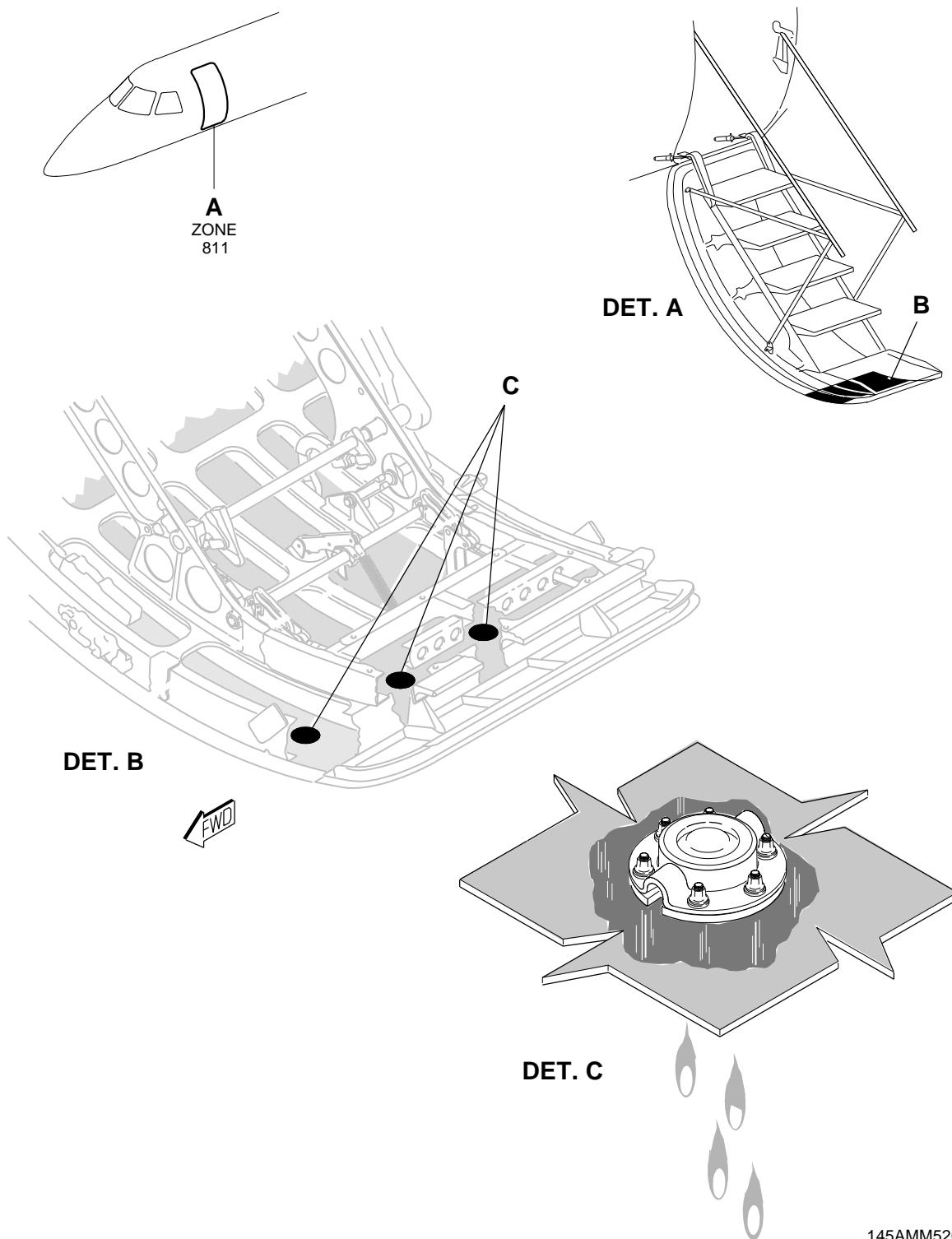
SUBTASK 842-004-A

- (1) Install the main-door lining panels ([AMM TASK 25-23-04-000-801-A/400](#)).
- (2) Close the main door ([AMM SDS 52-10-00/1](#)).
- (3) Install the main-door thermoacoustic insulation (AMM TASK 25-81-01-400-801-A/400).

**EFFECTIVITY: ALL**

Main-Door Drain Valves - Inspection/Check

Figure 601 - Sheet 1

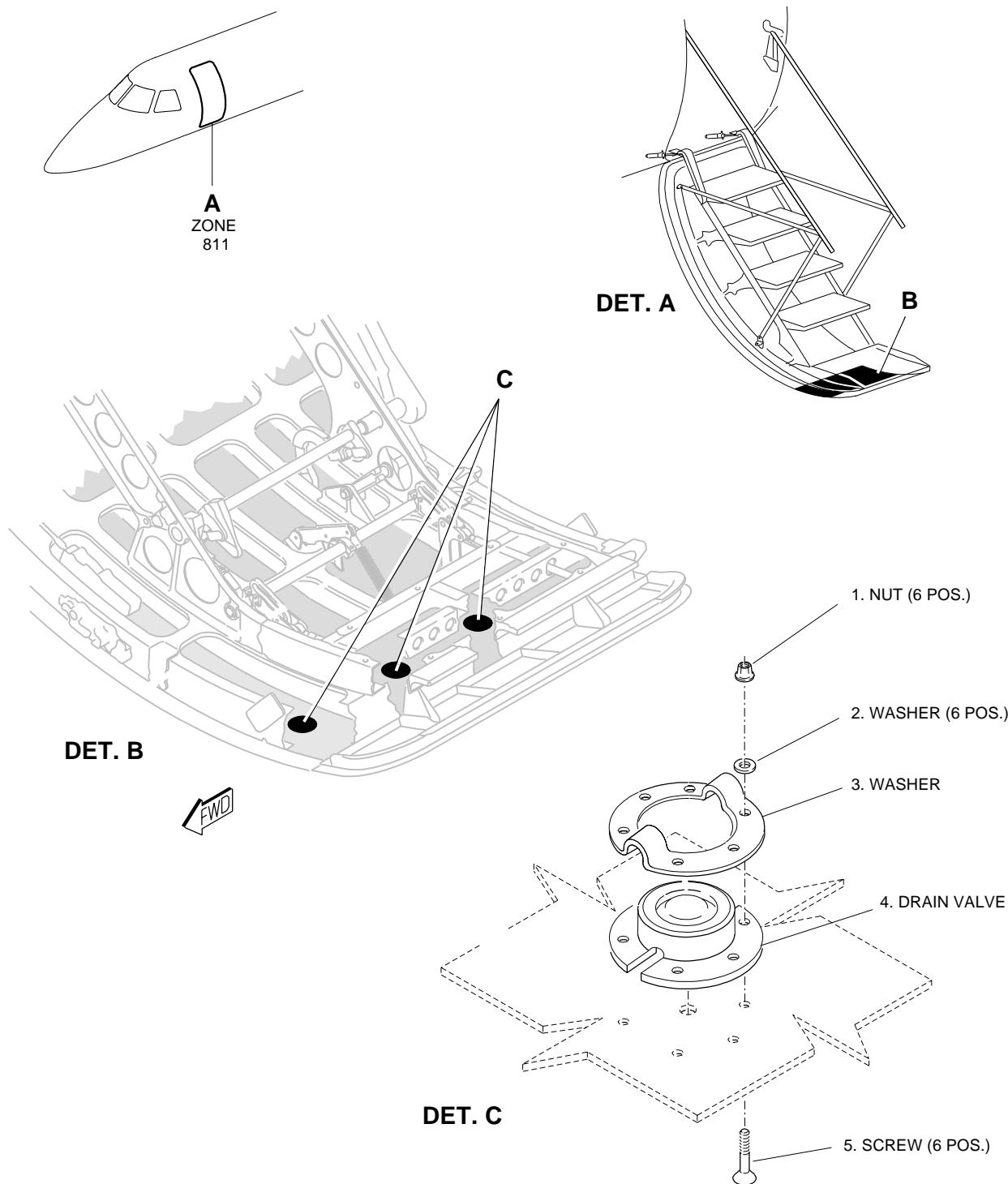


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**EFFECTIVITY: ALL**

Main-Door Drain Valves - Inspection/Check

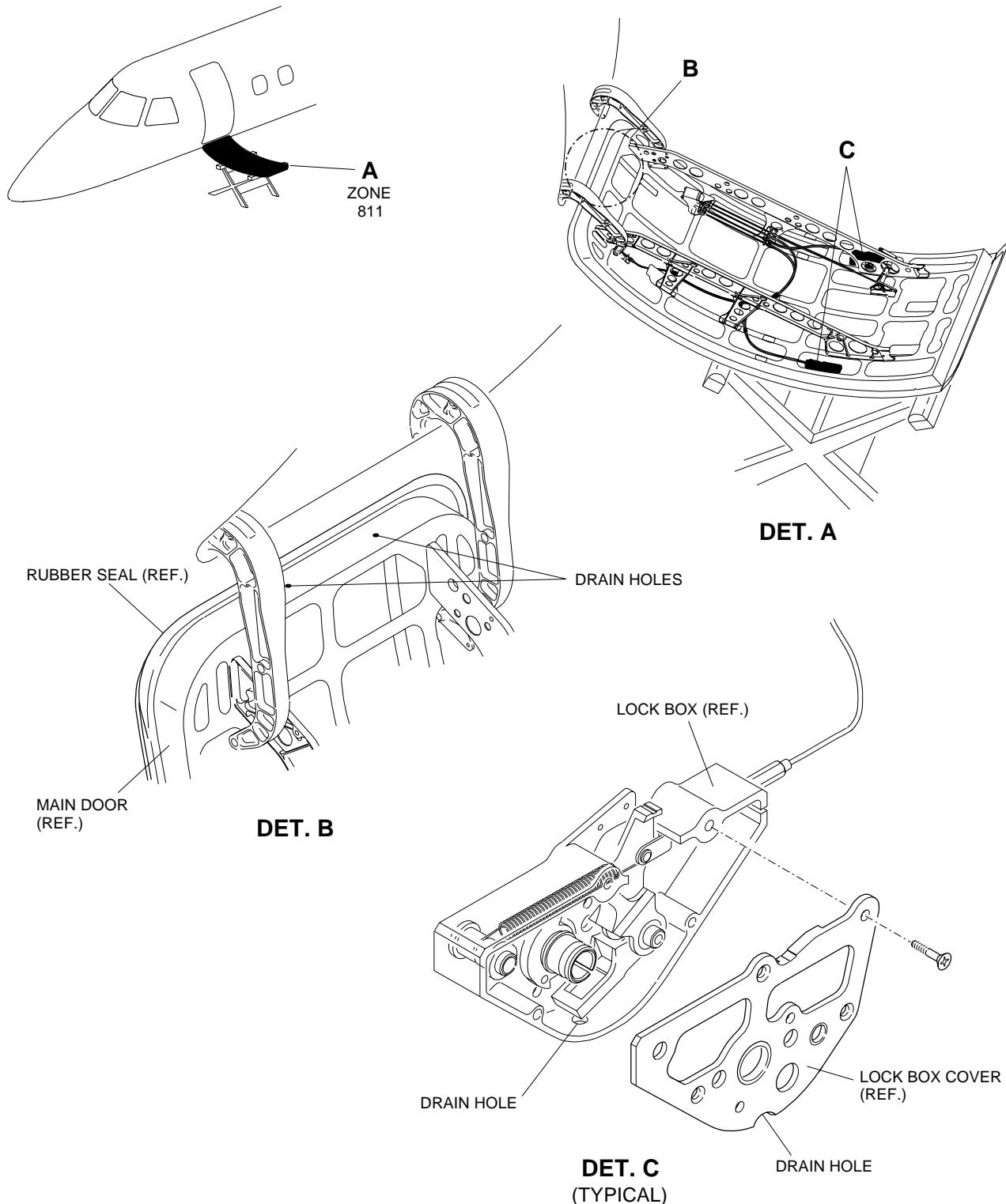
Figure 601 - Sheet 2



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**EFFECTIVITY: ALL**

Main-Door Drain Holes - Inspection/Check  
Figure 602



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