



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

SIDE-HINGED MAIN DOOR - INTERNAL - INSPECTION/CHECK

EFFECTIVITY: AIRCRAFT WITH SIDE-HINGED MAIN DOOR

1. General

- A. This section gives the procedures to do the visual inspection of the main door for general condition.
- B. Related Zone: 811.
- C. Zone Boundaries: STA X = 4514.0 thru STA X = 5292.0.
- D. 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
05-30-25-200-801-A ♦	SIDE-HINGED MAIN DOOR - INTERNAL GENERAL VISUAL INSPECTION	AIRCRAFT WITH SIDE-HINGED MAIN DOOR

TASK 05-30-25-200-801-A
EFFECTIVITY: AIRCRAFT WITH SIDE-HINGED MAIN DOOR
2. SIDE-HINGED MAIN DOOR - INTERNAL GENERAL VISUAL INSPECTION
A. General

- (1) This task gives instructions to do SMRD Zonal Task 52-Z811-214-002-A00.
- (2) You must do the internal general visual inspection (GVI) of side-hinged main door, at zone 811, within a touching distance of the items examined.
- (3) The function of the external visual inspection (GVI) is to find damage, failure, or irregular conditions that can be easily seen.

B. References

<i>REFERENCE</i>	<i>DESIGNATION</i>
AMM TASK 25-23-04-000-801-A/400	MAIN-DOOR LINING PANEL - REMOVAL
AMM TASK 25-23-04-400-801-A/400	MAIN-DOOR LINING PANEL - INSTALLATION
AMM TASK 25-81-01-000-801-A/400	-
AMM TASK 25-81-01-000-802-A/400	-
AMM TASK 25-81-01-400-801-A/400	-
AMM TASK 25-81-01-400-802-A/400	-

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

<i>ITEM</i>	<i>DESCRIPTION</i>	<i>PURPOSE</i>	<i>QTY</i>
Standard	Ladder	To get access to the inspection area	

E. Auxiliary Items

Not Applicable

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

<i>QTY</i>	<i>FUNCTION</i>	<i>PLACE</i>
1	Does the task	Main door

I. Preparation
SUBTASK 841-002-A

- (1) Put the ladder in position.

- (2) Open the main door.
- (3) Remove the main door lining ([AMM TASK 25-23-04-000-801-A/400](#)).
- (4) Remove the thermoacoustic insulation from the main door (AMM TASK 25-81-01-000-801-A/400) or (AMM TASK 25-81-01-000-802-A/400), as applicable.

J. Internal General Visual Inspection ([Figure 601](#))

SUBTASK 212-002-A

- (1) Examine the main door zone for loose rivets, screws, nicks, cracks, dents, erosion, corrosion, deformation, foreign objects, or deteriorated protective treatment.
- (2) Examine the door actuating and locking mechanism.
- (3) Examine the door pivoting mechanism.
- (4) Examine the points of attachment of the arm to the door pivoting mechanism.
- (5) Examine the points of attachment of the dampers to the door pivoting mechanism.

K. Follow-on

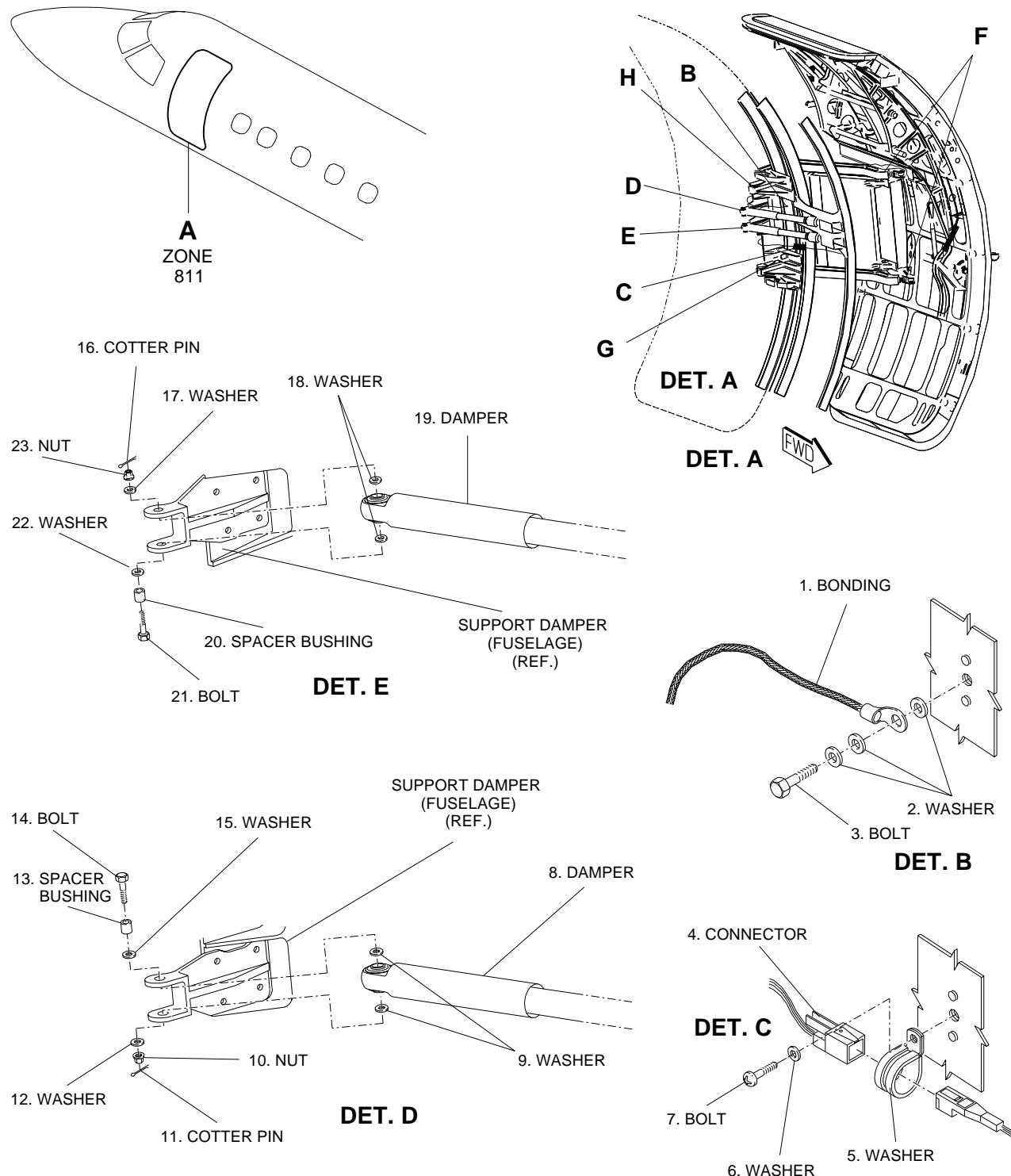
SUBTASK 842-002-A

- (1) Install the thermoacoustic insulation on the main door (AMM TASK 25-81-01-400-801-A/400) or (AMM TASK 25-81-01-400-802-A/400), as applicable.
- (2) Install the main door lining ([AMM TASK 25-23-04-400-801-A/400](#)).
- (3) Close the main door.
- (4) Remove the ladder.

EFFECTIVITY: AIRCRAFT WITH SIDE-HINGED MAIN DOOR

Side-Hinged Main Door - Internal General Visual Inspection

Figure 601 - Sheet 1

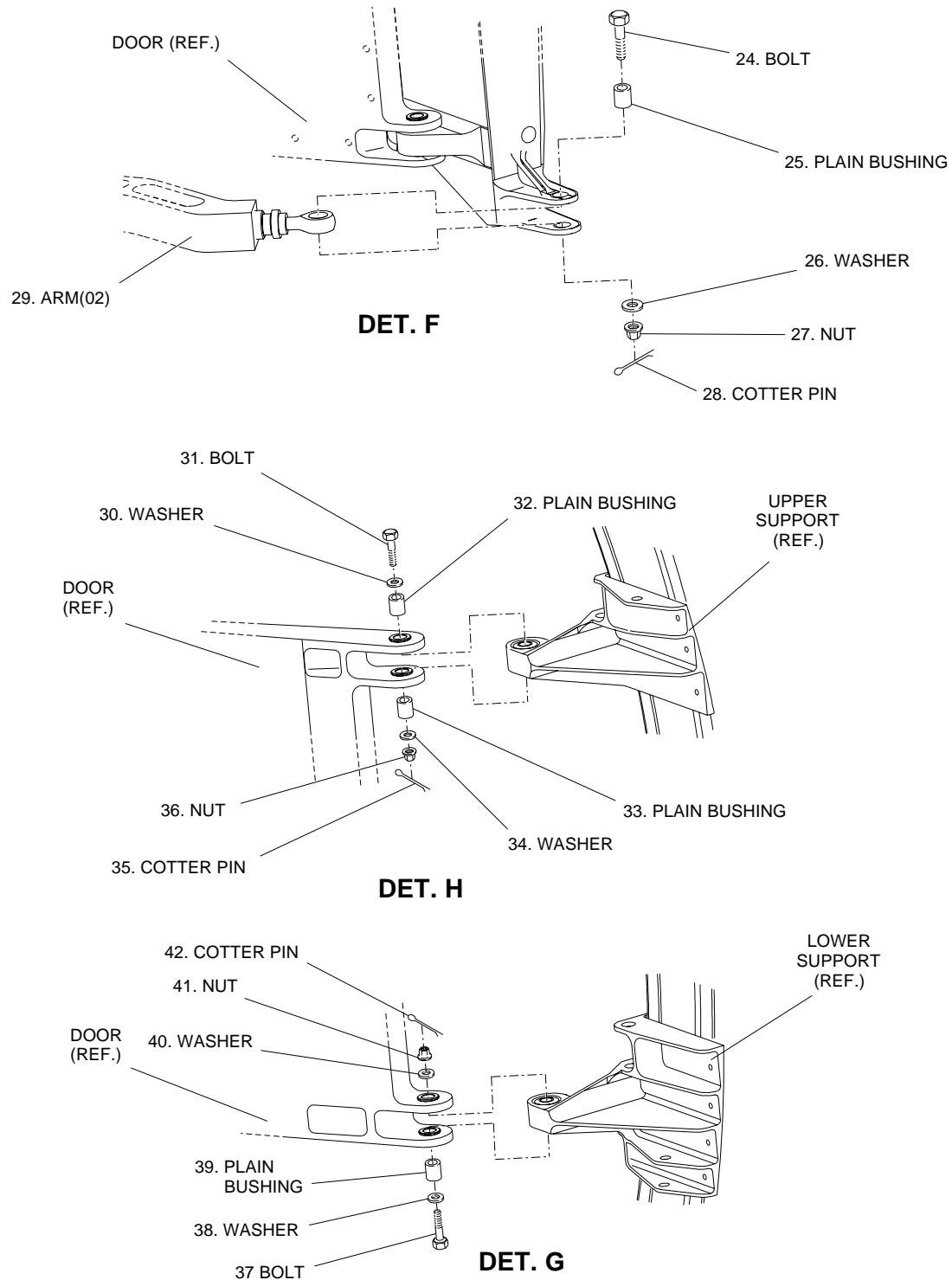


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EFFECTIVITY: AIRCRAFT WITH SIDE-HINGED MAIN DOOR

Side-Hinged Main Door - Internal General Visual Inspection

Figure 601 - Sheet 2



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