



AIRCRAFT MAINTENANCE MANUAL

REAR ELECTRONIC-COMPARTMENT DOOR - ADJUSTMENT/TEST

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to do the operational check and to adjust the rear electronic-compartment door.
- 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
52-44-01-720-801-A	REAR ELECTRONIC-COMPARTMENT DOOR - OPERATIONAL CHECK	ALL
52-44-01-820-801-A	REAR ELECTRONIC-COMPARTMENT DOOR - ADJUSTMENT	ALL



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AIRCRAFT
MAINTENANCE MANUAL

TASK 52-44-01-720-801-A

EFFECTIVITY: ALL

2. REAR ELECTRONIC-COMPARTMENT DOOR - OPERATIONAL CHECK

A. General

- (1) This task gives the procedures to do the operational check of the rear electronic-compartment door.

B. References

REFERENCE	DESIGNATION
AMM TASK 52-44-01-000-801-A/400	REAR ELECTRONIC-COMPARTMENT DOOR - REMOVAL
AMM TASK 52-44-01-400-801-A/400	REAR ELECTRONIC-COMPARTMENT DOOR - 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	Protective Gloves	For protection of technicians hands	1
Commercially available	Safety Goggles	For protection of technicians eyes	1

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	On the maintenance shop

I. Operationally Check the Rear Electronic-Compartment Door ([Figure 501](#))

SUBTASK 710-002-A

- (1) Remove the rear electronic-compartment door ([AMM TASK 52-44-01-000-801-A/400](#)).
- (2) Rotate the door handle and check the lock mechanism. Make sure that the lock mechanism lock pin and support are not damaged ([Figure 501](#); DET. B).



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MAINTENANCE MANUAL

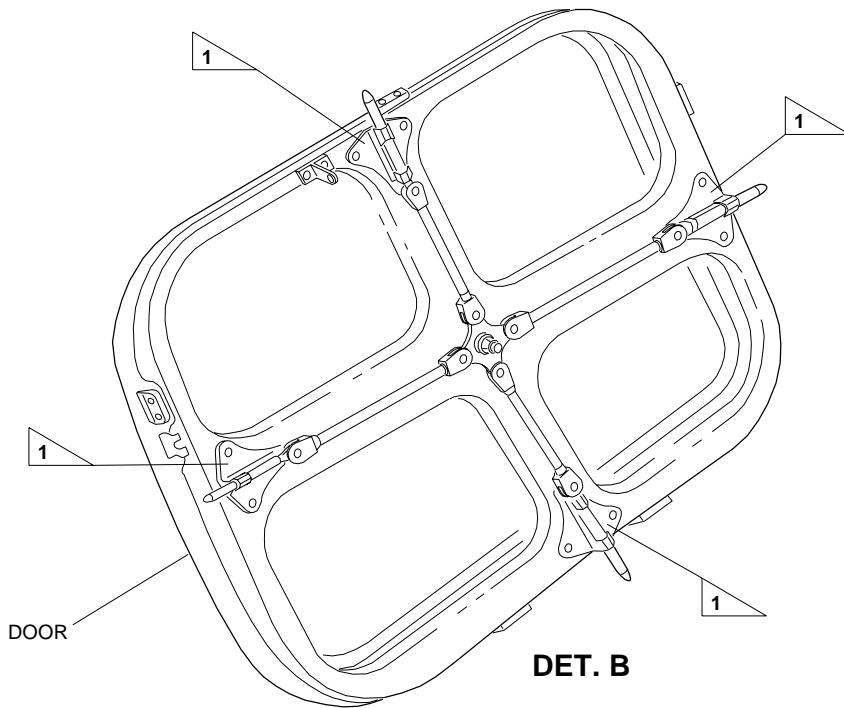
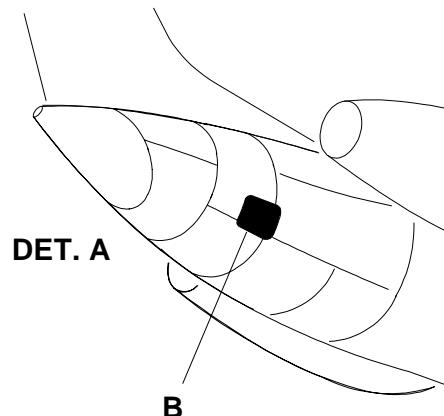
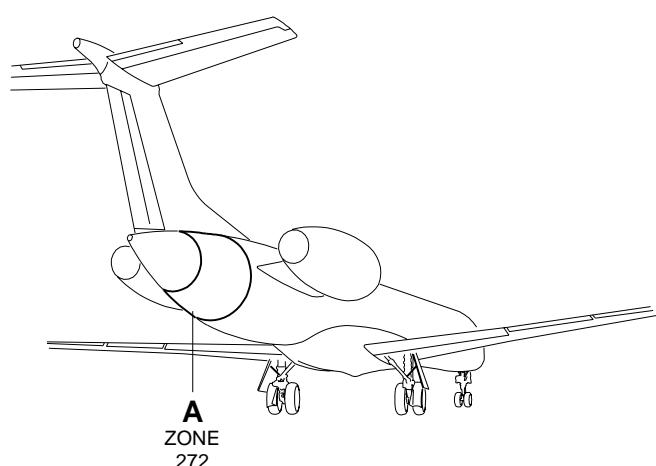
NOTE: If necessary, replace the damaged parts.

- (3) Install the rear electronic-compartment door ([AMM TASK 52-44-01-400-801-A/400](#)).

EFFECTIVITY: ALL

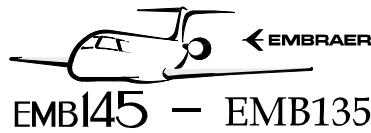
Rear Electronic-Compartment Door - Operational Check

Figure 501



 COMPONENTS THAT WILL BE CHECKED.

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MAINTENANCE MANUAL

TASK 52-44-01-820-801-A

EFFECTIVITY: ALL

3. REAR ELECTRONIC-COMPARTMENT DOOR - ADJUSTMENT

A. General

(1) This task gives the procedures to adjust the rear electronic-compartment door.

B. References

REFERENCE	DESIGNATION
AMM TASK 52-44-01-000-801-A/400	REAR ELECTRONIC-COMPARTMENT DOOR - RE- MOVAL
AMM TASK 52-44-01-400-801-A/400	REAR ELECTRONIC-COMPARTMENT DOOR - IN- STALLATION
SRM 51-20-01-PR	-

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	Protective Gloves	For protection of technicians hands	1
Commercially available	Safety Goggles	For protection of technicians eyes	1

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
ASTM D740	Methyl Ethyl Ketone - (MEK)	AR
MIL-S-8802, type II, class B2	Sealant PR1440 B2	AR

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	On the rear electronic-compartment door
1	Helps the other technician	Inside the rear electronic compartment



EMB145 – EMB135

AIRCRAFT
MAINTENANCE MANUAL

I. Preparation

SUBTASK 841-002-A

- (1) With the aircraft in the discharged condition, remove the rear electronic-compartment door ([AMM TASK 52-44-01-000-801-A/400](#)).

J. Adjustment of the Rear Electronic-Compartment Door ([Figure 502](#)) ([Figure 503](#))

SUBTASK 820-002-A

- (1) There are three different conditions in which the adjustment of the rear electronic-compartment door is necessary.
 - (a) Installation of a new rear electronic-compartment door. Do steps 2 thru 10.
 - (b) Removal of the rear electronic-compartment door from an aircraft and installation of it on other aircraft. Do steps 2 thru 10.
 - (c) Incorrect adjustment of a rear electronic-compartment door removed and installed on the same aircraft. Do steps 3 thru 10.
- (2) Do a check to see if there is a shim under the supports and under the guides ([Figure 502](#)). Remove the shims and keep them in a safe location because they will be used to adjust the door.
- (3) Remove the latch installed on the fuselage.
- (4) Install the door ([AMM TASK 52-44-01-400-801-A/400](#)).
- (5) Do a check of the gap and step values between the door and the fuselage frame for each point ([Figure 503](#)).

Table 501 - ALLOWABLE GAPS AND STEPS

Check Points	Allowable Gap (mm)		Allowable Step (mm)	
	Minimum	Maximum	Minimum	Maximum
1 and 2	1.0	5.0	-3.0	-1.0
9 to 12	1.0	5.0	-3.0	-1.0
3 to 8	1.0	5.0	Not Controlled	

NOTE: The door needs to be in a recess of 1.0 up to 3.0 mm.

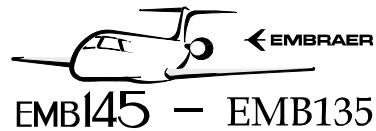
- (6) If a point is out of specification, remove the door ([AMM TASK 52-44-01-000-801-A/400](#)) and install shims under the guides to adjust the gaps and/or under the supports to adjust the steps.

- (7) Do steps (4) and (5) again until the gap and step values become permitted.

NOTE: Make sure that it is not necessary to use too much force during the door locking and unlocking procedures.

- (8) Install the latch on the fuselage.

- (9) It is necessary that one person goes into the rear electronic compartment while the other person locks the door from outside. The person inside the rear electronic compartment will make sure that:



AIRCRAFT MAINTENANCE MANUAL

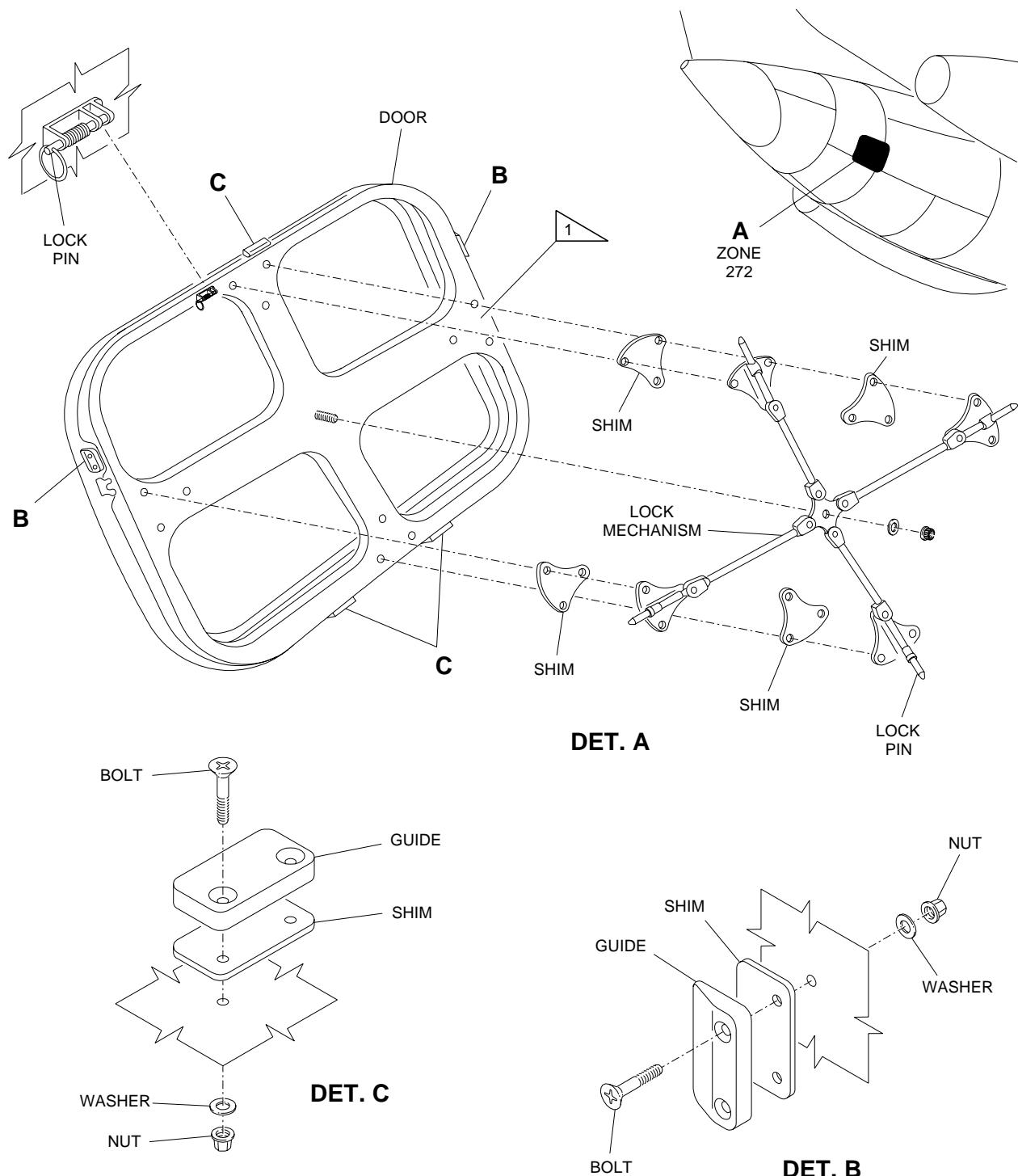
- (a) The four lock pins of the door butt against the outboard surface of their housing interior.
 - (b) The center of the lock pin of the latch is at the center of the door support hole. If it does not occur, adjust the latch height with the shim under the latch.
- (10) Apply sealant PR-1440 B2 all around the shim and on the four bolt heads. Refer to SRM 51-20-01-PR.

NOTE: The sealant is applied only to one shim. Refer to [Figure 502](#).

EFFECTIVITY: ALL

Rear Electronic-Compartment Door - Adjustment

Figure 502



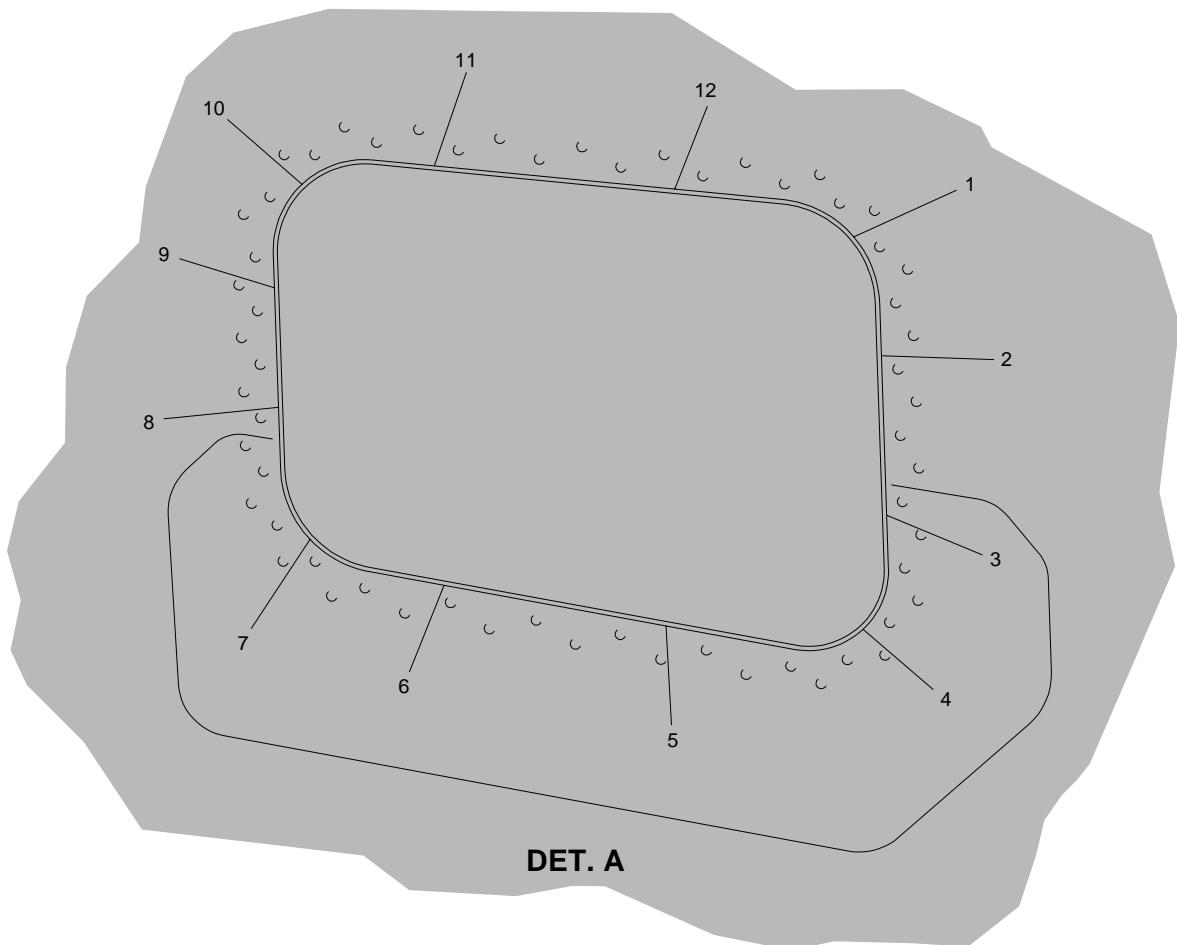
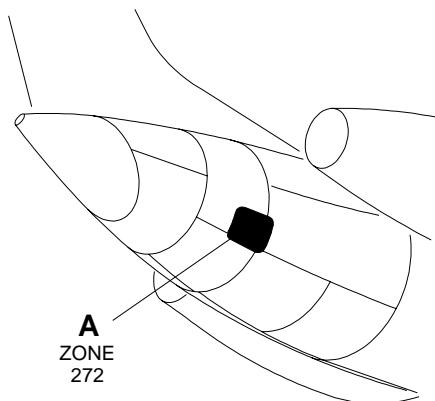
 **1** APPLY SEALANT ONLY ON THIS SHIM

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EFFECTIVITY: ALL

Rear Electronic-Compartment Door - Check Points

Figure 503



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