



AIRCRAFT MAINTENANCE MANUAL

ELECTRONIC-COMPARTMENT ACCESS-DOOR RUBBER SEAL - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove and install the electronic-compartment access-door rubber seal.
- 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
53-11-03-000-801-A	ELECTRONIC-COMPARTMENT ACCESS- ALL DOOR RUBBER SEAL - REMOVAL	
53-11-03-400-801-A	ELECTRONIC-COMPARTMENT ACCESS- ALL DOOR RUBBER SEAL - INSTALLATION	



EMB145 - EMB135

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TASK 53-11-03-000-801-A

EFFECTIVITY: ALL

2. ELECTRONIC-COMPARTMENT ACCESS-DOOR RUBBER SEAL - REMOVAL

A. General

- (1) This task gives the procedure to remove the electronic-compartment access-door rubber seal.

B. References

REFERENCE	DESIGNATION
AMM TASK 29-10-00-860-802-A/200	HYDRAULIC SYSTEM - PRESSURIZATION WITH EMDP
AMM TASK 32-00-01-910-801-A/200	LG SAFETY PIN - INSTALLATION AND REMOVAL
AMM TASK 32-00-02-910-801-A/200	SAFETY PIN OF THE NLG DOORS SOLENOID VALVE - INSTALLATION AND REMOVAL
SB145-32-0036	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
113	Electronic-compartment access door	Forward fuselage I - LH
114	Electronic-compartment access door	Forward fuselage I - RH

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Workstand	To get access to the work area	

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	Forward electronic compartment

I. Preparation

SUBTASK 841-002-A

WARNING: DO NOT PERMIT PERSONS TO GET ACCESS TO THE NOSE LANDING GEAR COMPARTMENT BEFORE YOU DO STEPS (1) THROUGH (3).



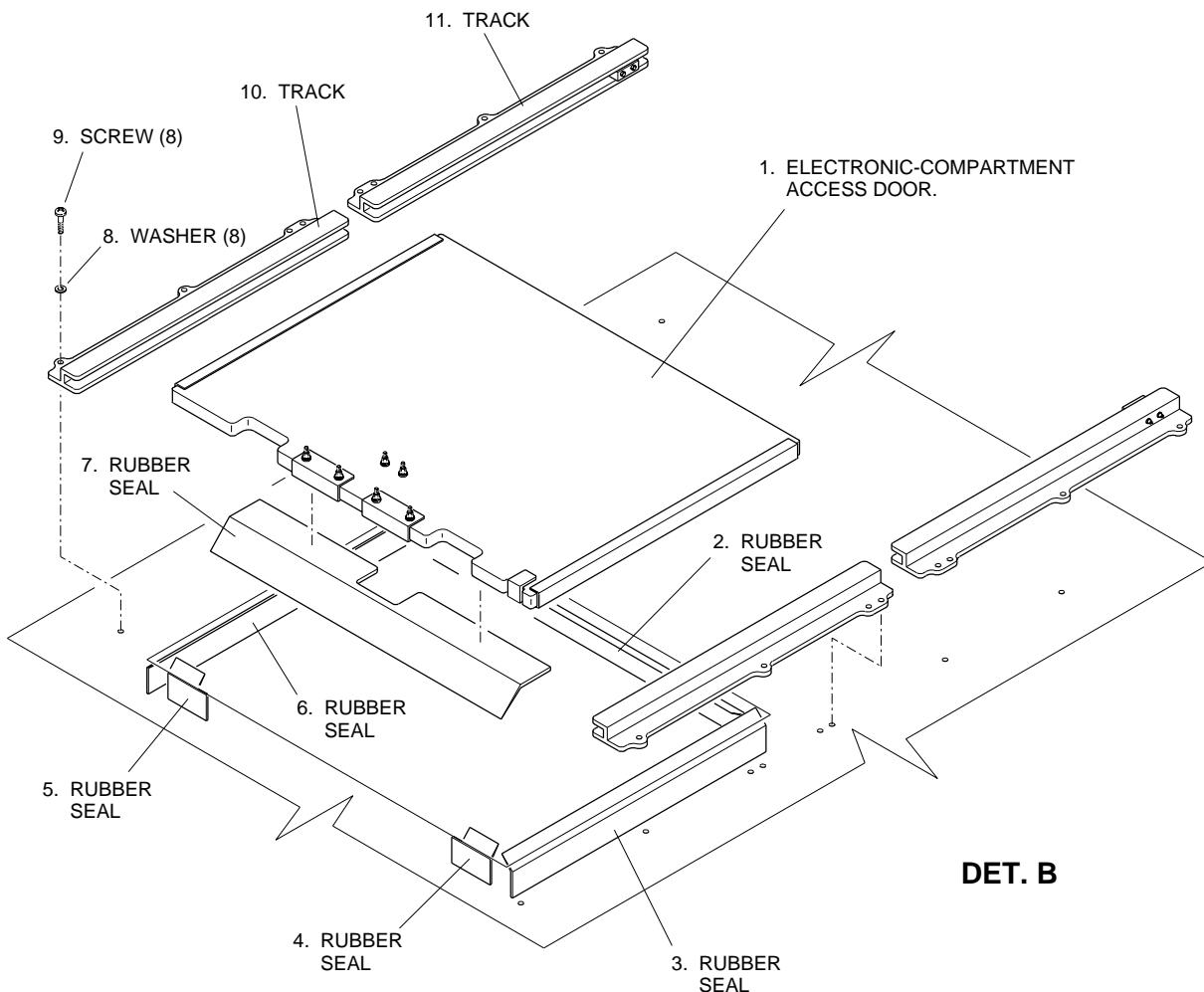
- (1) Totally relieve the pressure of hydraulic system 1 of the aircraft PRE-MOD [SB145-32-0036 \(AMM TASK 29-10-00-860-802-A/200\)](#).
- (2) Install the safety pin to the solenoid valve of the nose landing gear door ([AMM TASK 32-00-02-910-801-A/200](#)) of the aircraft POST-MOD [SB145-32-0036](#).
- (3) Install the safety pin to the nose landing gear ([AMM TASK 32-00-01-910-801-A/200](#)).
- (4) Open the electronic-compartment access door as follows:
 - (a) Pull the pin to unlock the door.
 - (b) Push the electronic-compartment access door to open it.

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

SUBTASK 020-002-A

NOTE: Do steps (1) through (3) only, to remove the rubber seal (2).

- (1) Remove the screws (9) and washers (8).
- (2) Remove the tracks (10) and (11).
- (3) Remove the electronic-compartment access door (1).
- (4) Remove the rubber seals (2) through (7) with a spatula and discard them.

EFFECTIVITY: ALL
Electronic-Compartment Access-Door Rubber Seal - Removal/Installation
Figure 401


145AMM530028.MCE A

TASK 53-11-03-400-801-A
EFFECTIVITY: ALL
3. ELECTRONIC-COMPARTMENT ACCESS-DOOR RUBBER SEAL - INSTALLATION
A. General

(1) This task gives the procedure to install the electronic-compartment access-door rubber seal.

B. References

<i>REFERENCE</i>	<i>DESIGNATION</i>
AMM TASK 32-00-02-910-801-A/200	SAFETY PIN OF THE NLG DOORS SOLENOID VALVE - INSTALLATION AND REMOVAL
AMM TASK 52-71-00-700-801-A/500	FORWARD ELECTRONIC-COMPARTMENT-DOOR WARNING - OPERATIONAL CHECK
IPC 53-11-00	FORWARD I
SB145-32-0036	-

C. Zones and Accesses

<i>ZONE</i>	<i>PANEL/DOOR</i>	<i>LOCATION</i>
113	Electronic-compartment access door	Forward fuselage I - LH
114	Electronic-compartment access door	Forward fuselage I - RH

D. Tools and Equipment

<i>ITEM</i>	<i>DESCRIPTION</i>	<i>PURPOSE</i>	<i>QTY</i>
Commercially available	Workstand	To get access to the work area	

E. Auxiliary Items

<i>ITEM</i>	<i>DESCRIPTION</i>	<i>PURPOSE</i>	<i>QTY</i>
Commercially available	Rubber gloves	Hand protection	AR
Commercially available	Safety goggles	Eye protection	AR

F. Consumable Materials

<i>SPECIFICATION (BRAND)</i>	<i>DESCRIPTION</i>	<i>QTY</i>
MSM 34-025	RTV 157 Silicone sealant	AR
ASTM-D-740	Methyl-ethyl-ketone	AR



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G. Expendable Parts

ITEM	IPC REFERENCE (VENDOR REFERENCE)	QTY
Rubber seal	IPC 53-11-00	1
Rubber seal	IPC 53-11-00	1
Rubber seal	IPC 53-11-00	2
Rubber seal	IPC 53-11-00	2

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Forward electronic compartment

I. Preparation

SUBTASK 841-003-A

NOTE: Wear the rubber gloves and safety goggles to protect yourself against chemical products.

- (1) Remove the old sealant from the fuselage surface with the spatula.
- (2) Clean the fuselage surface with methyl-ethyl-ketone.

J. Installation (Figure 401)

SUBTASK 420-002-A

NOTE: Do steps (3) through (5) below if the electronic-compartment access door was removed.

- (1) Apply sealant to the rubber seal surface. A minimum of 24 hours is necessary for the sealant to cure.
- (2) Install the new rubber seals (2) through (7).
- (3) Install the electronic-compartment access door (1).
- (4) Install the tracks (10) and (11).
- (5) Install the screws (9) and washers (8).

K. Follow-on

SUBTASK 842-002-A

- (1) Pull the electronic-compartment access door to the closed position.
- (2) Pull the pin to lock the door.
- (3) Do an operational check of the electronic-compartment door warning system ([AMM TASK 52-71-00-700-801-A/500](#)), if the electronic-compartment access door was removed.



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- (4) Remove the safety pin from the solenoid valve of the nose landing gear door ([AMM TASK 32-00-02-910-801-A/200](#)) of the aircraft POST-MOD [SB145-32-0036](#).

