

## COCKPIT UNDERFLOOR ACCESS HATCH RUBBER SEAL - REMOVAL/INSTALLATION

*EFFECTIVITY: ALL*

### 1. General

- A. This section gives the procedures to remove and install the cockpit underfloor access hatch 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
52-42-02-000-801-A	COCKPIT UNDERFLOOR ACCESS HATCH RUBBER SEAL - REMOVAL	ALL
52-42-02-400-801-A	COCKPIT UNDERFLOOR ACCESS HATCH RUBBER SEAL - INSTALLATION	ALL

TASK 52-42-02-000-801-A

EFFECTIVITY: ALL

## 2. COCKPIT UNDERFLOOR ACCESS HATCH RUBBER SEAL - REMOVAL

### A. General

- (1) This task gives the procedures to remove the rubber seal of the cockpit underfloor access hatch.

### B. References

REFERENCE	DESIGNATION
<a href="#">AMM TASK 52-42-01-000-801-A/400</a>	COCKPIT UNDERFLOOR ACCESS HATCH - REMOVAL

### C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
123	123BL	Area below cockpit floor - LH

### D. Tools and Equipment

Not Applicable

### E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Acrylic Spatula	To remove the sealant	1
Commercially available	Cutter	To remove the sealant	1

### F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
ASTM D740	Methyl Ethyl Ketone (MEK)	AR

### G. Expandable Parts

Not Applicable

### H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	On the cockpit underfloor access hatch

### I. Preparation

SUBTASK 841-002-A

- (1) Remove the cockpit underfloor access hatch ([AMM TASK 52-42-01-000-801-A/400](#)).

- (2) Put the cockpit underfloor access hatch on a safe surface to prevent damage.

J. Removal (Figure 401)

*SUBTASK 020-002-A*

**WARNING: BE CAREFUL WHEN YOU USE SOLVENTS BECAUSE THEY ARE A HEALTH AND FIRE HAZARD. USE SAFETY GOGGLES AND PROTECTIVE CLOTHING. DO NOT BREATHE THE SOLVENT GASES AND WORK IN A WELL VENTILATED AREA.**

- (1) Remove the rubber seal (1) as follows:

- (a) Remove the nuts (5), washers (4) and screws (3) (16 positions).
- (b) With a cutter, cut the sealant along the contour of the hatch, at the L-seal (2) region.

**NOTE:** Note the correct position of the sealant. This will help you during the installation procedure.

- (c) Remove the L-seal (2) (2 positions).
- (d) Remove the old rubber seal (1).

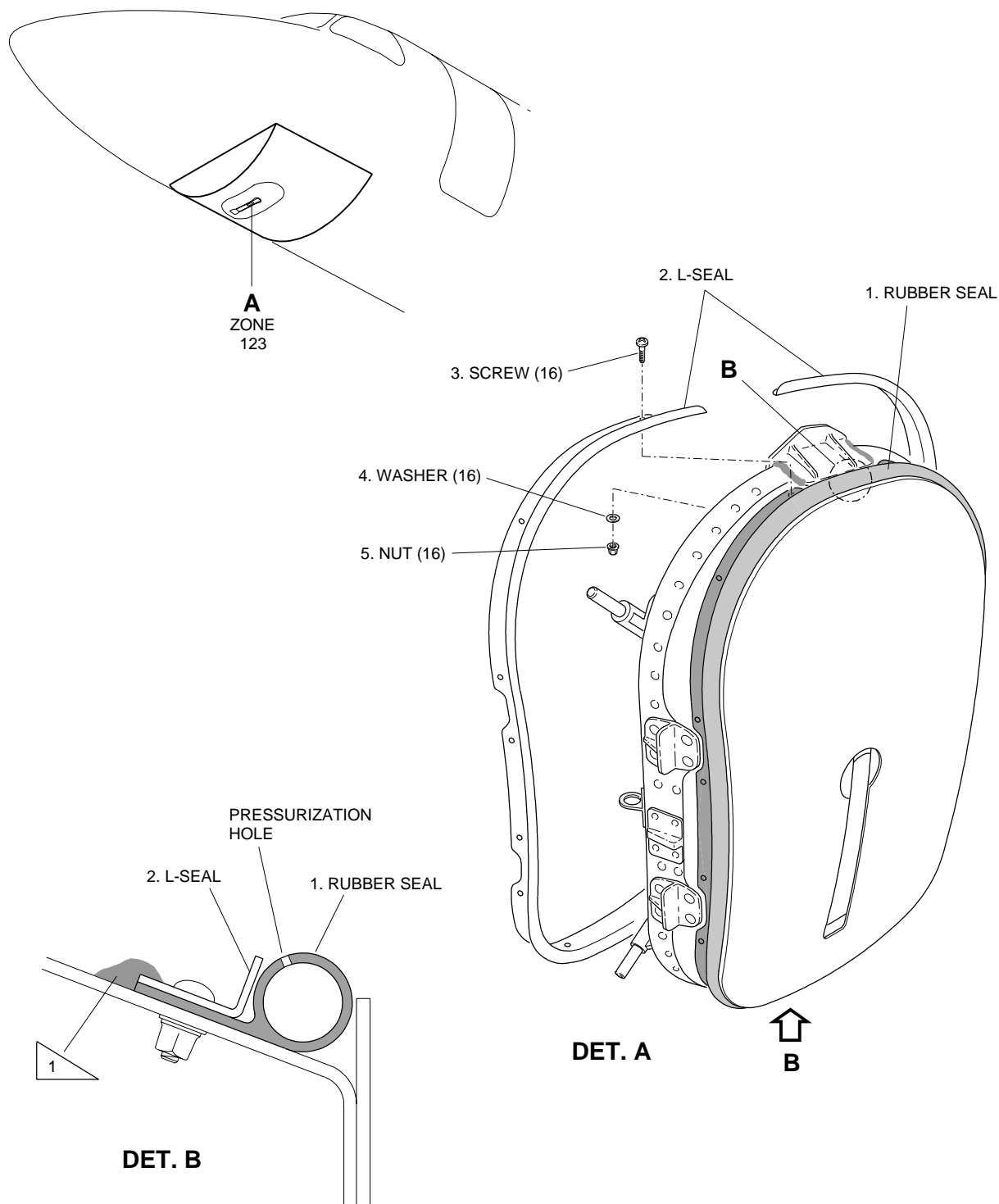
**NOTE:** Note the correct position of the rubber seal. This will help you during the installation procedure.

- (e) Remove the old sealant from along the contour of the L-seal. For this, use the acrylic spatula.
- (f) Clean the surface with a cloth wet with Methyl Ethyl Ketone (MEK) solvent.

**EFFECTIVITY: ALL**

**Rubber Seal - Removal/Installation**

**Figure 401**




**SEALANT ALONG THE CONTOUR OF THE HATCH.**

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TASK 52-42-02-400-801-A  
EFFECTIVITY: ALL

### 3. COCKPIT UNDERFLOOR ACCESS HATCH RUBBER SEAL - INSTALLATION

#### A. General

- (1) This task gives the procedures to install the rubber seal of the cockpit underfloor access hatch.

#### B. References

REFERENCE	DESIGNATION
AMM TASK 21-31-00-700-805-A/500	-
AMM TASK 21-31-00-700-808-A/500	-
<a href="#">AMM TASK 52-42-01-400-801-A/400</a>	COCKPIT UNDERFLOOR ACCESS HATCH - INSTALLATION
IPC 52-42-00	COCKPIT UNDERFLOOR ACCESS HATCH
SRM 51-20-01	-

#### C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
123	123BL	Area below the cockpit floor - LH

#### D. Tools and Equipment

Not Applicable

#### E. Auxiliary Items

Not Applicable

#### F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
MIL-S-8802 TYPE II-Class 2	PR-1440B2 Sealant	AR

#### G. Expendable Parts

ITEM	IPC REFERENCE (VENDOR REFERENCE)	QTY
Rubber Seal	IPC 52-42-00	1

#### H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	On the cockpit underfloor access hatch

I. Installation (Figure 401)

*SUBTASK 420-002-A*

(1) Install the rubber seal (1) as follows:

(a) Put the rubber seal (1) in position on the hatch structure.

NOTE: Note the correct position of the rubber seal pressurization hole (See DET. B).

(b) Drill the screw holes in the rubber seal.

(c) Put the L-seal (2) (2positions) in position.

(d) Install the screws (3), washers (4) and nuts (5) (16 positions).

CAUTION: Be careful not to apply sealant over the rubber seal pressurization hole.

(e) Apply sealant PR-1440B2 along the contour of the L-seal (2). Refer SRM 51-20-01 for the curing time.

NOTE: Sealant curing time changes according to the environmental conditions. Refer SRM 51-20-01.

J. Follow-on

*SUBTASK 842-002-A*

(1) Install the cockpit underfloor access hatch ([AMM TASK 52-42-01-400-801-A/400](#)).

(2) Do a functional test for cabin leakage (AMM TASK 21-31-00-700-805-A/500 or AMM TASK 21-31-00-700-808-A/500). If the values are permitted, you can operate the aircraft.