

## FORWARD FUSELAGE ACCESS DOOR/PANELS - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

### 1. General

- A. This section gives the procedures to remove and install the Forward Fuselage access doors/panels.
- B. The procedures in this section are given in the sequence below.
- C. 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
52-40-01-000-801-A	FORWARD FUSELAGE ACCESS DOORS - REMOVAL	ALL
52-40-01-400-801-A	FORWARD FUSELAGE ACCESS DOORS - INSTALLATION	ALL
52-40-01-000-802-A	FORWARD FUSELAGE ACCESS PANELS - REMOVAL	ALL
52-40-01-400-802-A	FORWARD FUSELAGE ACCESS PANELS - INSTALLATION	ALL
52-40-01-000-803-A	OXYGEN EXTERNAL CHARGING DOOR - REMOVAL	ALL
52-40-01-400-803-A	OXYGEN EXTERNAL CHARGING DOOR - INSTALLATION	ALL

TASK 52-40-01-000-801-A

EFFECTIVITY: ALL

## 2. FORWARD FUSELAGE ACCESS DOORS - REMOVAL

### A. General

(1) This procedure gives the instructions to remove the forward fuselage access doors.

### B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
SRM 51-40-07	-

### C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
113	113EL	Forward fuselage
123	123AL	Forward fuselage

### D. Tools and Equipment

Not Applicable

### E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Workstand	To get access to the work area	1

### F. Consumable Materials

Not Applicable

### G. Expandable Parts

Not Applicable

### H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Forward fuselage

### I. Preparation

#### SUBTASK 841-002-A

- (1) Make sure that the aircraft is safe for maintenance.
- (2) Put the workstand in the work area.
- (3) Open the Forward Fuselage access doors 113EL and 123AL. Refer to AMM MPP 06-41-01/100.

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

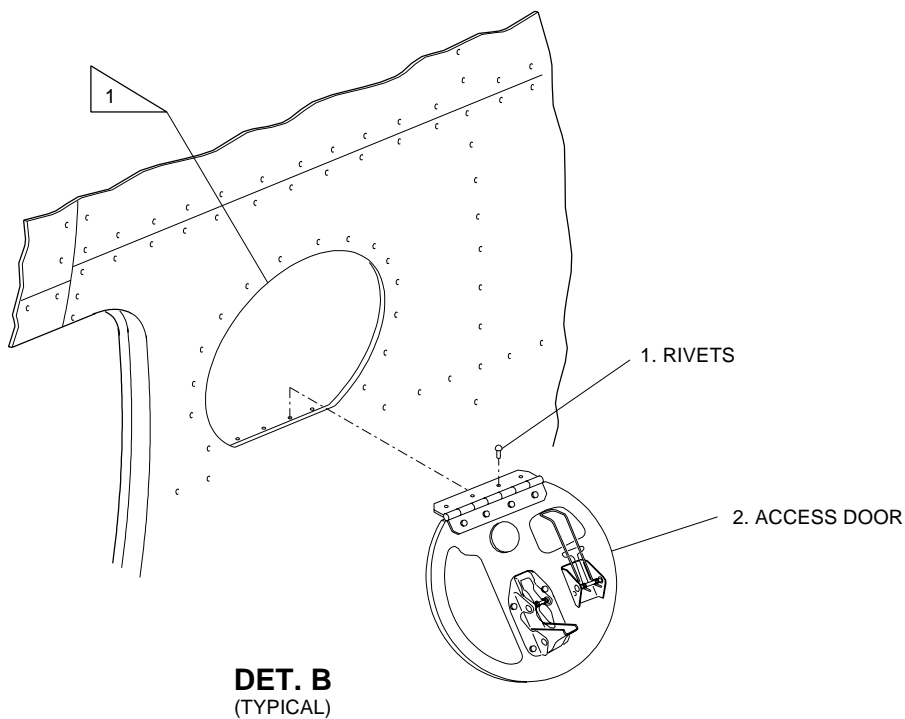
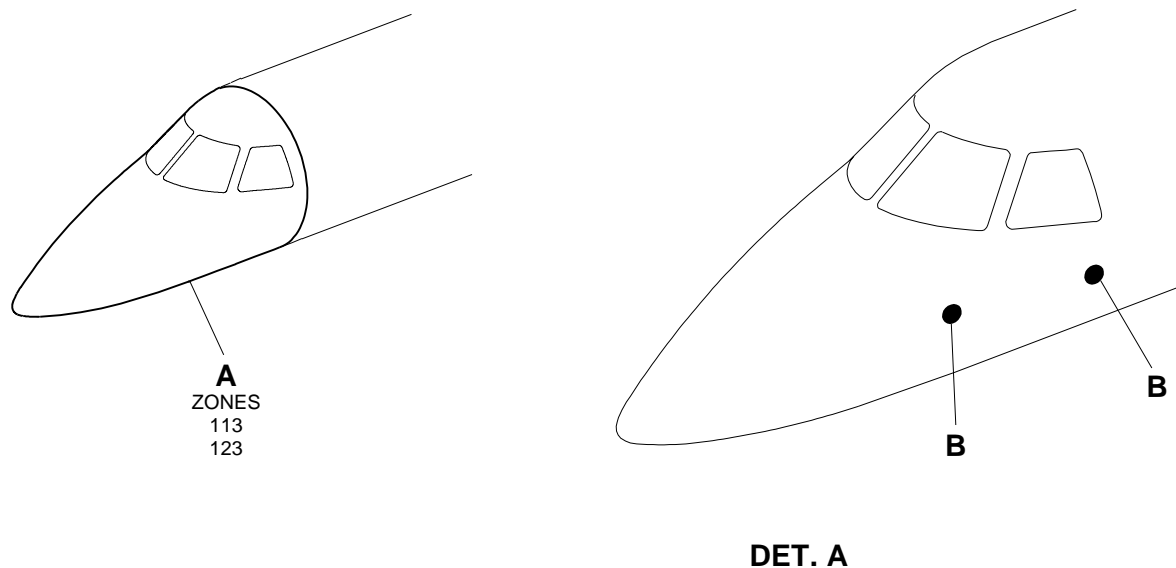
*SUBTASK 020-002-A*

- (1) Remove the rivets (1) that attach access door (2) on forward fuselage. Refer to SRM 51-40-07.
- (2) Remove the access door (2).

**EFFECTIVITY: ALL**

**Forward Fuselage Access Doors - Removal/Installation**

**Figure 401**




**AERODYNAMIC LIMITS**

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TASK 52-40-01-400-801-A  
EFFECTIVITY: ALL

### 3. FORWARD FUSELAGE ACCESS DOORS - INSTALLATION

#### A. General

(1) This procedure gives the instructions to install the forward fuselage access doors.

#### B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
SRM 51-10-01	-
SRM 51-40-07	-

#### C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
113	113EL	Forward fuselage
123	123AL	Forward fuselage

#### D. Tools and Equipment

Not Applicable

#### E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Workstand	To get access to the work area	1

#### F. Consumable Materials

Not Applicable

#### G. Expandable Parts

Not Applicable

#### H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Forward fuselage

#### I. Installation (Figure 401)

##### SUBTASK 420-002-A

(1) Install the access door (2) and attach it with the rivets (1). Refer to SRM 51-40-07.

J. Follow-on (Figure 401)

*SUBTASK 842-002-A*

- (1) Close the Forward Fuselage access doors 113EL and 123AL. Refer to AMM MPP 06-41-01/100.
- (2) Check the Aerodynamic Limits. Refer to SRM 51-10-01).
- (3) Remove the workstand from the work area.

TASK 52-40-01-000-802-A  
EFFECTIVITY: ALL

#### 4. FORWARD FUSELAGE ACCESS PANELS - REMOVAL

##### A. General

(1) This procedure gives the instructions to remove the forward fuselage access panels.

##### B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-

##### C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
213	213AL	Forward fuselage
213	213BL	Forward fuselage
213	213CL	Forward fuselage
214	214AR	Forward fuselage
214	214BR	Forward fuselage
214	214CR	Forward fuselage

##### D. Tools and Equipment

Not Applicable

##### E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Goggles		1
Commercially available	Rubber Gloves		1
Commercially available	Acrylic Spatula		1
Commercially available	Lint-Free Cloth		1
Commercially available	Workstand	To get access to the work area	1

##### F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
ASTM-D-740	Methyl-Ethyl-Ketone (MEK)	AR

##### G. Expandable Parts

Not Applicable

H. Persons Recommended

<i>QTY</i>	<i>FUNCTION</i>	<i>PLACE</i>
1	Does the task	Forward fuselage

I. Preparation

*SUBTASK 841-003-A*

- (1) Make sure that the aircraft is safe for maintenance.
- (2) Put the workstand in the work area.
- (3) Identify the Forward Fuselage access panels 213AL, 213BL, 213CL, 214AR, 214BR, and 214CR. Refer to AMM MPP 06-41-01/100.
- (4) With an Acrylic spatula, remove the old aerodynamic sealant in the forward fuselage access panels attachment area.
- (5) With a lint-free cloth soaked in MEK, clean de surface.

J. Removal [\(Figure 402\)](#)

*SUBTASK 020-003-A*

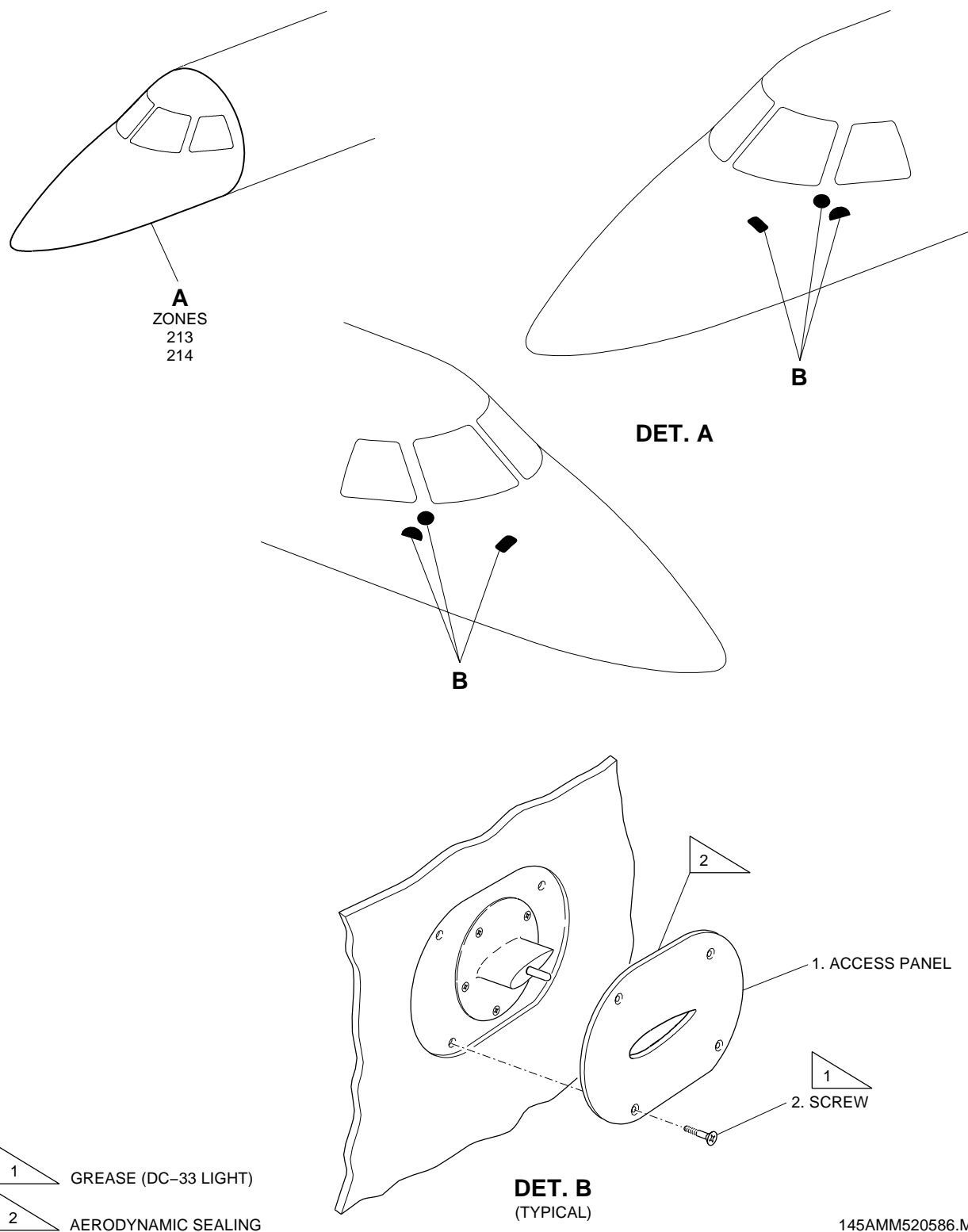
- (1) Remove the screws (2) that attach the access panel (1).
- (2) Remove the access panel (1).



EFFECTIVITY: ALL

Forward Fuselage Access Panels - Removal/Installation

Figure 402



TASK 52-40-01-400-802-A

EFFECTIVITY: ALL

## 5. FORWARD FUSELAGE ACCESS PANELS - INSTALLATION

### A. General

(1) This procedure gives the instructions to install the forward fuselage access panels.

### B. References

REFERENCE	DESIGNATION
<a href="#">AMM MPP 20-10-01/200</a>	- MAINTENANCE PRACTICES
SRM 51-10-01	-
SRM 51-20-01	-

### C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
213	213AL	Forward fuselage
213	213BL	Forward fuselage
213	213CL	Forward fuselage
214	214AR	Forward fuselage
214	214BR	Forward fuselage
214	214CR	Forward fuselage

### D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Torque wrench	To tighten the attachment screws	

### E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Goggles		1
Commercially available	Rubber Gloves		1
Commercially available	Workstand	To get access to the work area	1

### F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
MIL-G-46886	Grease, Molykote DC-33, Light	AR
MIL-PRF-81733 TYPE II-2	Sealant, P/S 870 - B 2	AR

(Continued)

<i>SPECIFICATION (BRAND)</i>	<i>DESCRIPTION</i>	<i>QTY</i>
MIL-PRF-81733 TYPE II-1/2	Sealant, P/S 870 - B 1/2	AR
Commercially available	Adhesive Tape	AR
Commercially available	Aluminum Tape (AL Tape 425)	AR
Commercially available	Polyethylene Film	AR

G. Expandable Parts

Not Applicable

H. Persons Recommended

<i>QTY</i>	<i>FUNCTION</i>	<i>PLACE</i>
1	Does the task	Forward fuselage

I. Installation (Figure 402)

*SUBTASK 420-003-A*

- (1) Apply Molykote DC-33 light grease to the screws (2).
- (2) Install the access panel (1).
- (3) Install the screws (2) that attach the access panel (1) applying the correct torque. Refer to [AMM MPP 20-10-01/200](#).

J. Follow-on (Figure 402)

*SUBTASK 842-003-A*

**CAUTION:** PRODUCTS USED FOR CLEANING AND SEALING ARE TOXIC AND INFLAMMABLE. WEAR RUBBER GLOVES AND GOGGLES. IF THE AREA OF SEALING COMPOUND APPLICATION IS NOT WELL VENTILATED, USE RESPIRATORS.

- (1) There are different methods to do the aerodynamic sealing in the forward fuselage access panels attachment area. Use the applicable procedure as necessary.

(a) Full sealant-curing time:

- 1 Apply sealant P/S 870 - B 1/2 or P/S 870 - B 2.

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

(b) Acceleration of the sealant curing time with heating:

- 1 Apply sealant P/S 870 - B 1/2 or P/S 870 - B 2.
- 2 Wait for one hour after the sealant is applied.

**CAUTION:** THE TEMPERATURE MUST NOT BE HIGHER THAN 55°C (131°F).

- 3 Heat the area which received the sealant.

NOTE: The sealant curing time versus temperature rate changes as shown in the Sealant Specification Table (SRM 51-20-01).

- (c) Application of aluminum tape after the tack-free time.

NOTE: This procedure must only be done when a faster aircraft clearance is necessary.

- 1 Apply sealant P/S 870 - B 1/2 or P/S 870 - B 2.
- 2 You can accelerate the sealant curing time as written in paragraph (b).
- 3 After the sealant is tack-free, apply aluminum tape.

NOTE: You can operate the aircraft immediately after the aluminum tape application.

- 4 Remove the aluminum tape after 150 hours.

- (d) Application of polyethylene film and aluminum tape.

- 1 Apply sealant P/S 870 - B 1/2 or P/S 870 - B 2.
- 2 Apply a polyethylene film over the sealant.
- 3 Apply the aluminum tape.
- 4 Remove the aluminum tape after 10 days.

- (2) Check the Aerodynamic Limits. Refer to SRM 51-10-01.

- (3) Remove the workstand from the work area.

TASK 52-40-01-000-803-A  
EFFECTIVITY: ALL

6. OXYGEN EXTERNAL CHARGING DOOR - REMOVAL

A. General

(1) This procedure gives the instructions to remove the oxygen external charging door.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
124	124AR	Forward fuselage

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Workstand	To get access to the work area	1

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Forward fuselage

I. Preparation

**SUBTASK 841-004-A**

- (1) Make sure that the aircraft is safe for maintenance.
- (2) Put the workstand in the work area.
- (3) Open the oxygen external charging door 124AR. Refer to AMM MPP 06-41-01/100.

J. Removal [\(Figure 403\)](#)

**SUBTASK 020-004-A**

- (1) Remove the bolts (3) and washers (2) that attach the spring (4).

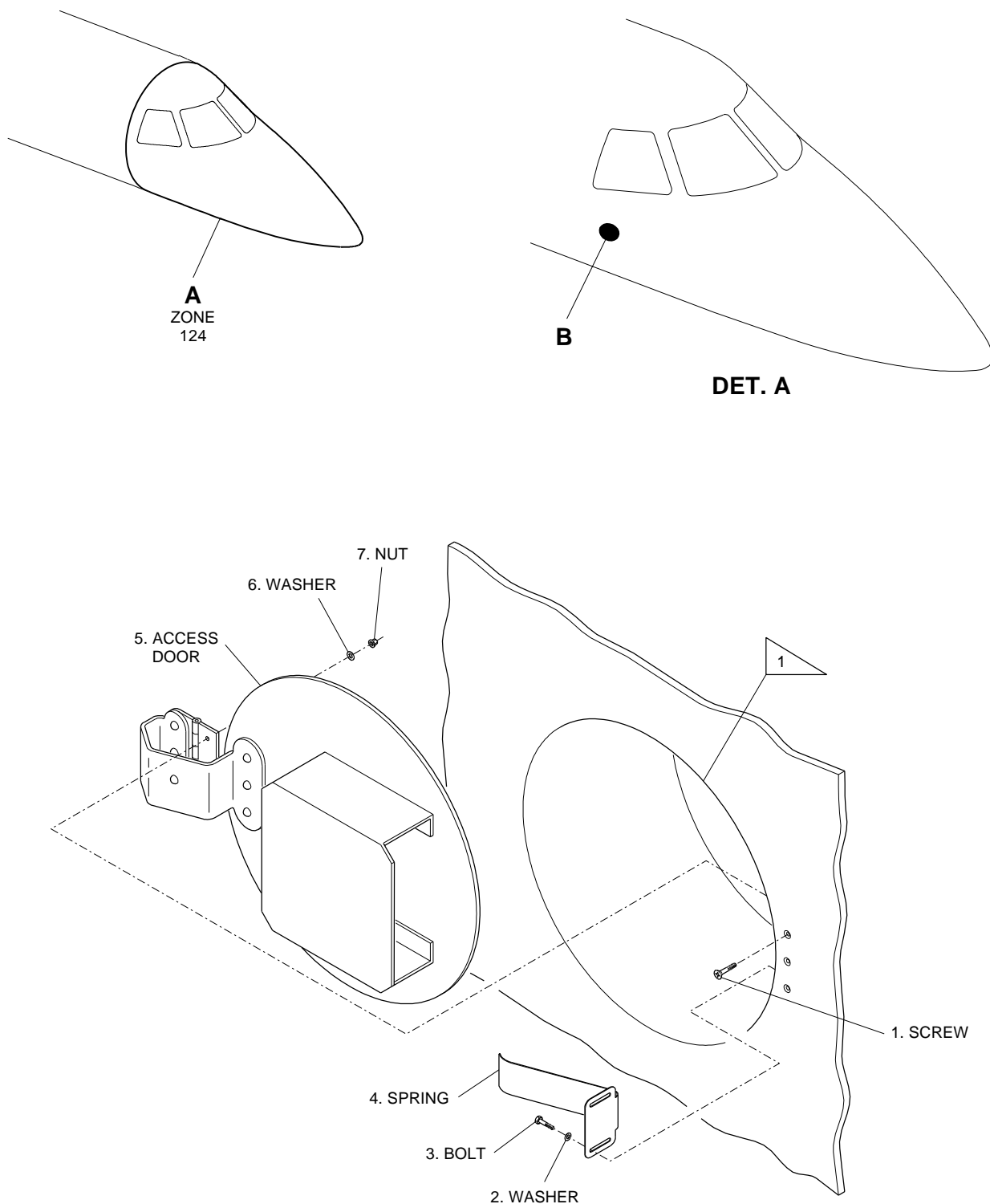


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- (2) Remove the spring (4).
  - (3) Remove the nuts (7), washers (6), and screws (1) that attach access door (5) on forward fuselage.
  - (4) Remove the access door (5).

EFFECTIVITY: ALL

Oxygen External Charging Door - Removal/Installation

Figure 403



1 AERODYNAMIC LIMITS

DET. B

145AMM520615.MCE

TASK 52-40-01-400-803-A

EFFECTIVITY: ALL

## 7. OXYGEN EXTERNAL CHARGING DOOR - INSTALLATION

### A. General

(1) This procedure gives the instructions to install the oxygen external charging door.

### B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
<a href="#">AMM MPP 20-10-01/200</a>	- MAINTENANCE PRACTICES
SRM 51-10-01	-

### C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
124	124AR	Forward fuselage

### D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Torque wrench	To tighten the attachment screws	

### E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Workstand	To get access to the work area	1

### F. Consumable Materials

Not Applicable

### G. Expandable Parts

Not Applicable

### H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Forward fuselage

### I. Installation (Figure 403)

#### SUBTASK 420-004-A

(1) Install the access door (5).

(2) Install the screws (1), washers (6), and nuts (7) applying the correct torque. Refer to [AMM MPP 20-10-01/200](#).



- (3) Install the spring (4) with the washers (2) and bolts (3).

J. Follow-on (Figure 403)

*SUBTASK 842-004-A*

- (1) Close the Oxygen External Charging Door 124AR. Refer to AMM MPP 06-41-01/100.
- (2) Check the Aerodynamic Limits. Refer to SRM 51-10-01.
- (3) Remove the workstand from the work area.

