



AIRCRAFT MAINTENANCE MANUAL

PRESSURE GAGE - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove and install the pressure gage of the Emergency/Parking Brake system.
- 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
32-44-04-000-801-A	PRESSURE GAGE OF THE EMERGENCY/ ALL PARKING BRAKE SYSTEM - REMOVAL	
32-44-04-400-801-A	PRESSURE GAGE OF THE EMERGENCY/ ALL PARKING BRAKE SYSTEM - INSTALLATION	



EMB145 – EMB135

AIRCRAFT
MAINTENANCE MANUAL

TASK 32-44-04-000-801-A

EFFECTIVITY: ALL

2. PRESSURE GAGE OF THE EMERGENCY/PARKING BRAKE SYSTEM - REMOVAL

A. General

- (1) This procedure gives the instructions to remove the pressure gage of the Emergency/Parking Brake system.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM TASK 32-44-02-910-801-A/200	HYDRAULIC ACCUMULATOR EMERGENCY/PARKING BRAKE - RELEASE

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
193	193JR	Hydraulic compartment 2

D. Tools and Equipment

Not Applicable

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	Hydraulic compartment 2

I. Preparation

SUBTASK 841-002-A

- (1) On the Circuit Breaker Panel, open the ELEC PUMP 2 circuit breaker and attach a DO-NOT-CLOSE tag to it.
- (2) Fully release the pressure from the fluid chamber of the emergency/parking brake system hydraulic accumulator ([AMM TASK 32-44-02-910-801-A/200](#)).
- (3) Open the access panel 193JR of the hydraulic compartment 2 (AMM MPP 06-41-01/100).
- (4) Slowly open the charging valve of the hydraulic accumulator to let all the pressure in it go out.



AIRCRAFT
MAINTENANCE MANUAL

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

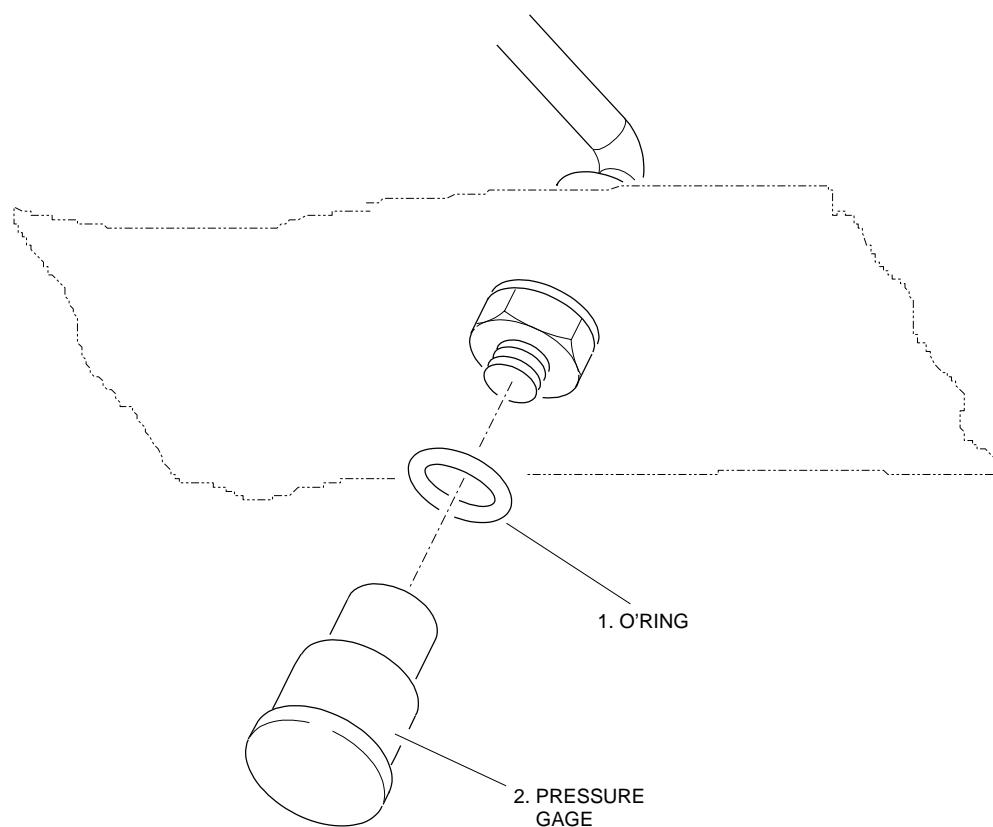
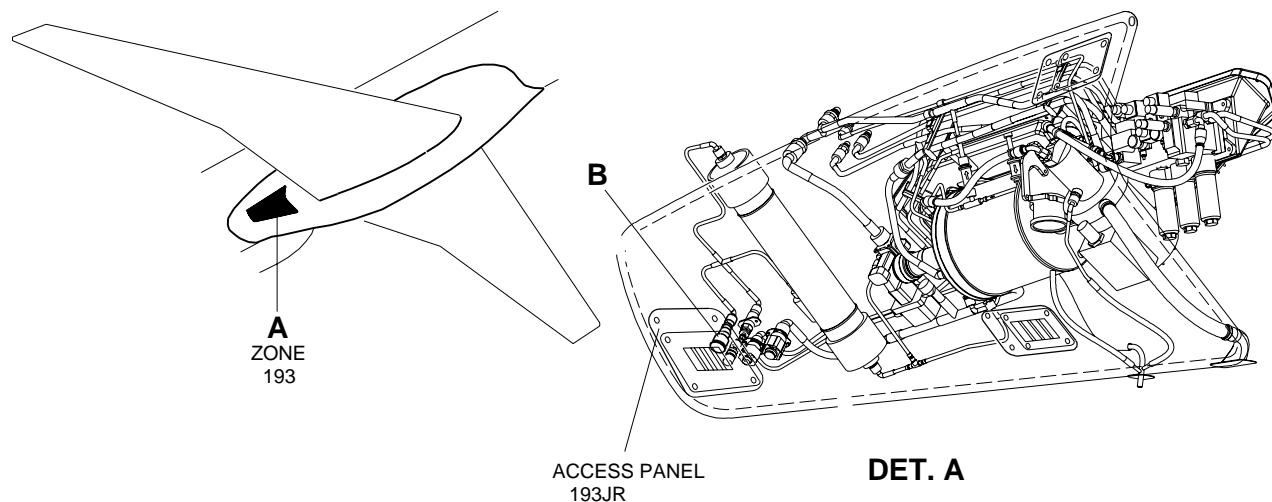
SUBTASK 020-002-A

- (1) Remove the pressure gage (2).
- (2) Remove and discard the O-ring (1).

EFFECTIVITY: ALL

Pressure Gage of the Emergency/Parking Brake System - Removal/Installation

Figure 401



DET. B

145AMM320112.MCE A



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

TASK 32-44-04-400-801-A

EFFECTIVITY: ALL

3. PRESSURE GAGE OF THE EMERGENCY/PARKING BRAKE SYSTEM - INSTALLATION

A. General

- (1) This procedure gives the instructions to install the pressure gage of the emergency/parking brake system.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM TASK 29-10-00-860-801-A/200	HYDRAULIC SYSTEM - PRESSURIZATION WITH HTS
AMM TASK 32-44-02-600-801-A/300	EMERGENCY/PARKING BRAKE ACCUMULATOR - CHARGE
IPC 32-44-04	PRESSURE GAGE

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
193	193JR	Hydraulic compartment 2

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

Not Applicable

G. Expendable Parts

ITEM	IPC REFERENCE (VENDOR REFERENCE)	QTY
O-ring	IPC 32-44-04	1

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Hydraulic compartment 2

I. Installation (Figure 401)

SUBTASK 420-002-A

- (1) Install a new O-ring (1) and the pressure gage (2).



EMB145 – EMB135

AIRCRAFT
MAINTENANCE MANUAL

J. Follow-on

SUBTASK 842-002-A

- (1) Pressurize the nitrogen chamber of the hydraulic accumulator ([AMM TASK 32-44-02-600-801-A/300](#)).
- (2) On the Circuit Breaker Panel, close the ELEC PUMP 2 circuit breaker and remove the DO-NOT-CLOSE tag from it.
- (3) Pressurize the hydraulic system 2 ([AMM TASK 29-10-00-860-801-A/200](#)).
- (4) Do a check on the pressure gage of the emergency/parking brake system for leaks.
- (5) Close the access panel 193JR of the hydraulic compartment 2 (AMM MPP 06-41-01/100).