



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

BRAKE CONTROL UNIT - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove and install the Brake Control Unit.
- 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
32-41-02-000-801-A	BRAKE CONTROL UNIT - REMOVAL	ALL
32-41-02-400-801-A	BRAKE CONTROL UNIT - INSTALLATION	ALL



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

TASK 32-41-02-000-801-A

EFFECTIVITY: ALL

2. BRAKE CONTROL UNIT - REMOVAL

A. General

- (1) This task gives the procedures to remove the brake control unit.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-02/100	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
124	221GF	Floor in the cockpit

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	In the cockpit

I. Preparation

SUBTASK 841-002-A

- (1) On the Circuit Breaker Panel, open the BRAKES OUTBD and BRAKES INBD circuit breakers, and attach a DO-NOT-CLOSE tag to them.
- (2) Open the floor access panel 221GF (AMM MPP 06-41-02/100).

J. Removal (Figure 401)

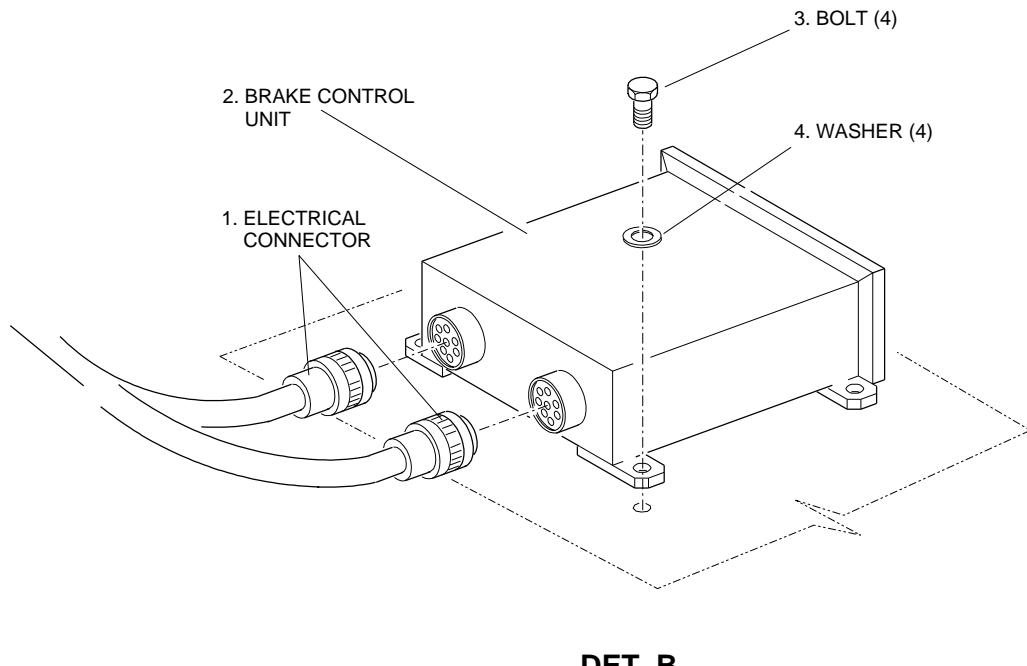
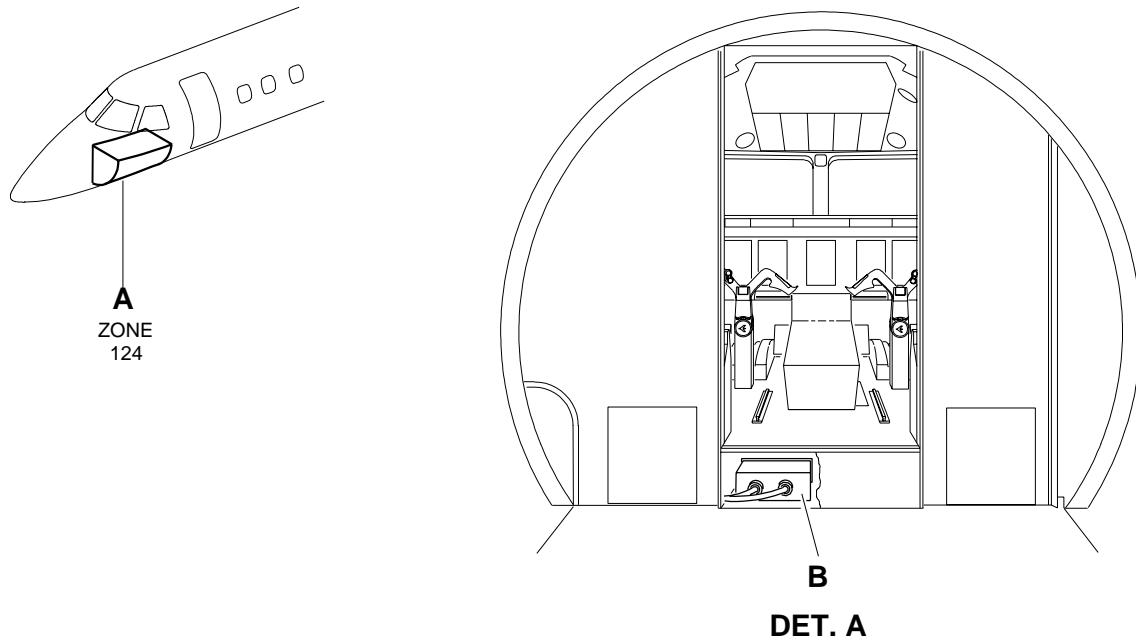
SUBTASK 020-002-A

- (1) Disconnect the electrical connectors (1).
- (2) Remove the bolts (3) and washers (4).
- (3) Remove the brake control unit (2).

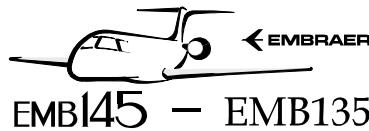
EFFECTIVITY: ALL

Brake Control Unit - Removal/Installation

Figure 401


DET. B

145AMM320120.MCE A



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

TASK 32-41-02-400-801-A

EFFECTIVITY: ALL

3. BRAKE CONTROL UNIT - INSTALLATION

A. General

- (1) This task gives the procedures to install the brake control unit.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-02/100	-
AMM TASK 28-41-00-200-801-A/600	-
AMM TASK 32-41-00-700-801-A/500	MAIN BRAKE SYSTEM - FUNCTIONAL CHECK

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
124	221GF	Floor in the cockpit

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	In the cockpit

I. Installation (Figure 401)

SUBTASK 420-002-A

- (1) Put the brake control unit (2) in position.
- (2) Install the washers (4) and bolts (3).
- (3) Connect the electrical connectors (1).

J. Follow-on

SUBTASK 842-002-A

- (1) On the Circuit Breaker Panel, close the BRAKES OUTBD and BRAKES INBD circuit breakers, and remove the DO-NOT-CLOSE tag from them.



AIRCRAFT MAINTENANCE MANUAL

(2) Do the functional check of the Main Brake System ([AMM TASK 32-41-00-700-801-A/500](#)).

(3) Do an inspection on the fuel quantity indication harness (AMM TASK 28-41-00-200-801-A/600).

NOTE: The inspection of fuel quantity indication harness is part of Critical Design Configuration Control Limitations (CDCCL) in the Airworthiness Limitations of the Aircraft Maintenance Program.

(4) Close the floor access panel 221GF (AMM MPP 06-41-02/100).

