



AIRCRAFT
MAINTENANCE MANUAL

LANDING GEAR ELECTRONIC UNIT (LGEU) - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove/install the Landing Gear Electronic Unit (LGEU).
- B. The LGEU is installed behind the control pedestal.
- C. Move the copilot seat rearward and to the right side to make the LGEU removal/installation easier.
- D. 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
32-32-01-000-801-A	LGEU - REMOVAL	ALL
32-32-01-400-801-A	LGEU - INSTALLATION	ALL



EMB145 - EMB135

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TASK 32-32-01-000-801-A

EFFECTIVITY: ALL

2. LGEU - REMOVAL

A. General

- (1) This task gives the procedures to remove the LGEU.

B. Zones and Accesses

Not Applicable

C. Tools and Equipment

Not Applicable

D. Auxiliary Items

Not Applicable

E. Consumable Materials

Not Applicable

F. Expandable Parts

Not Applicable

G. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Cockpit

H. Preparation

SUBTASK 841-002-A

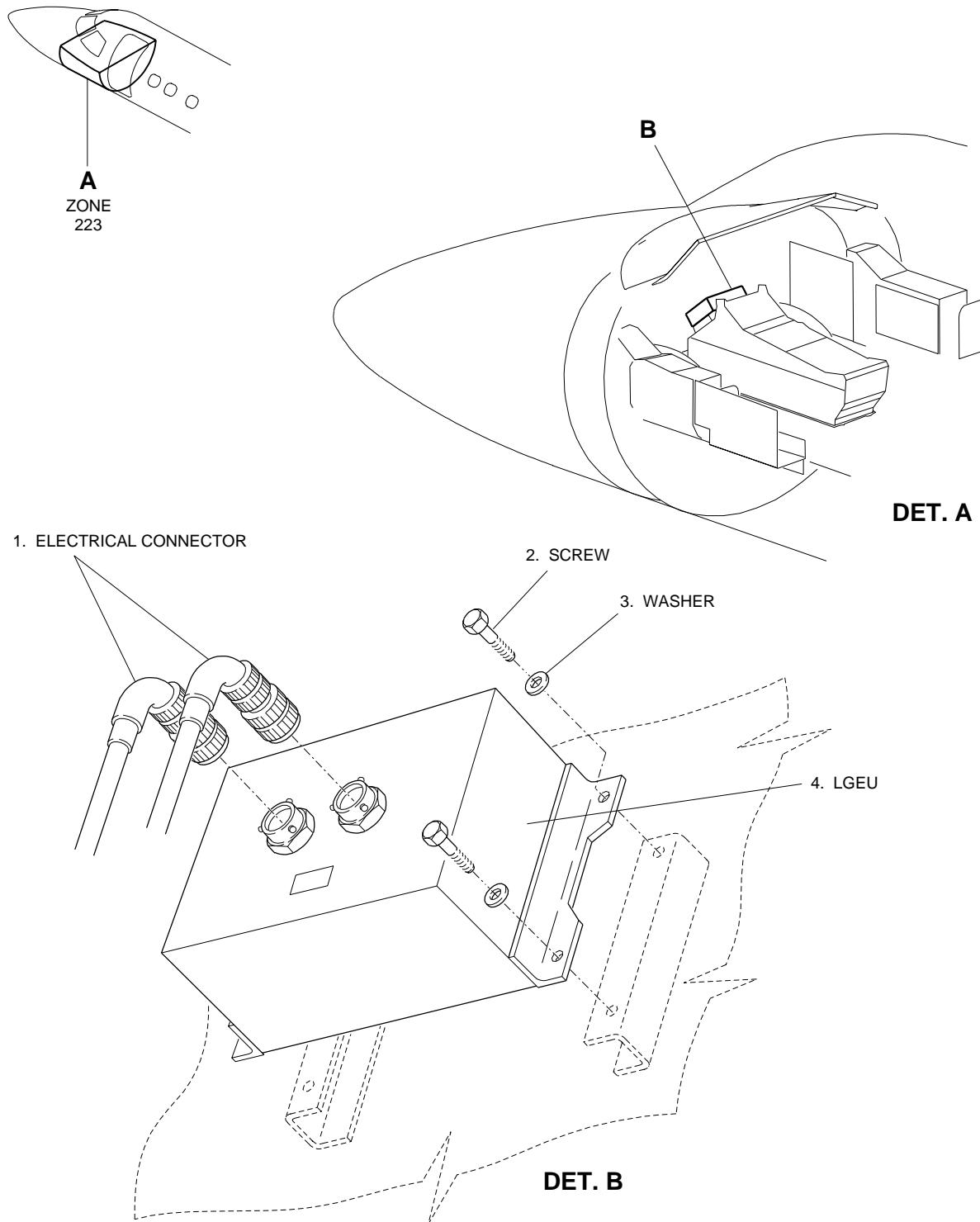
- (1) On the circuit breaker panel, open the CMD, IND 1, IND 2, AIR/GND A, AIR/GND B, AIR/GND C and AIR/GND D circuit breakers and attach a DO-NOT-CLOSE tag to them.

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

SUBTASK 020-002-A

- (1) Disconnect the electrical connector (1).
- (2) Remove the screws (2), and washers (3) from the LGEU (4).
- (3) Remove the LGEU (4).

EFFECTIVITY: ALL
LGEU - Removal/Installation
Figure 401



145AMM320034.MCE A



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TASK 32-32-01-400-801-A

EFFECTIVITY: ALL

3. LGEU - INSTALLATION

A. General

- (1) This task gives the procedures for installation of the LGEU.

B. Zones and Accesses

Not Applicable

C. Tools and Equipment

Not Applicable

D. Auxiliary Items

Not Applicable

E. Consumable Materials

Not Applicable

F. Expandable Parts

Not Applicable

G. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Cockpit

H. Installation (Figure 401)

SUBTASK 420-002-A

- (1) Put the LGEU (4) on its support.
- (2) Install the washers (3) and screws (2).
- (3) Connect the electrical connector (1).

I. Follow-on

SUBTASK 842-002-A

- (1) On the circuit breaker panel, close the CMD, IND 1, IND 2, AIR/GND A, AIR/GND B, AIR/GND C, and AIR/GND D circuit breakers and remove the DO-NOT-CLOSE tag from them.
- (2) On the EICAS display make sure that the Landing Gear Position indications show DN position.
- (3) Make sure that the AIR/GND FAIL message on the EICAS is not shown.