



EMB145 – EMB135

AIRCRAFT
MAINTENANCE MANUAL

BAGGAGE-DOOR EXTERNAL LIGHT - REMOVAL/INSTALLATION

EFFECTIVITY: AIRCRAFT WITH BAGGAGE-DOOR EXTERNAL LIGHT

1. General

- A. This section gives the procedures to remove and install the Baggage-Door External Light.
- B. The baggage-door external light is installed on the left pylon bottom.
- 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
33-31-02-000-801-A	BAGGAGE-DOOR EXTERNAL LIGHT - REMOVAL	AIRCRAFT WITH BAGGAGE-DOOR EXTERNAL LIGHT
33-31-02-400-801-A	BAGGAGE-DOOR EXTERNAL LIGHT - INSTALLATION	AIRCRAFT WITH BAGGAGE-DOOR EXTERNAL LIGHT



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TASK 33-31-02-000-801-A

EFFECTIVITY: AIRCRAFT WITH BAGGAGE-DOOR EXTERNAL LIGHT

2. BAGGAGE-DOOR EXTERNAL LIGHT - REMOVAL

A. General

- (1) This task gives the procedure to remove the baggage-door external light.

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	At the left pylon bottom

H. Preparation

SUBTASK 841-002-A

- (1) On the Circuit Breaker Panel, open the EXT CARGO circuit breaker, and attach a DO-NOT-CLOSE tag to it.
- (2) On the Right Power-Control/Distribution-Box Circuit-Breaker Panel, open the EXT CARGO circuit breaker, and attach a DO-NOT-CLOSE tag to it.
- (3) Put the hydraulic platform at the necessary height.

I. Removal (Figure 401)

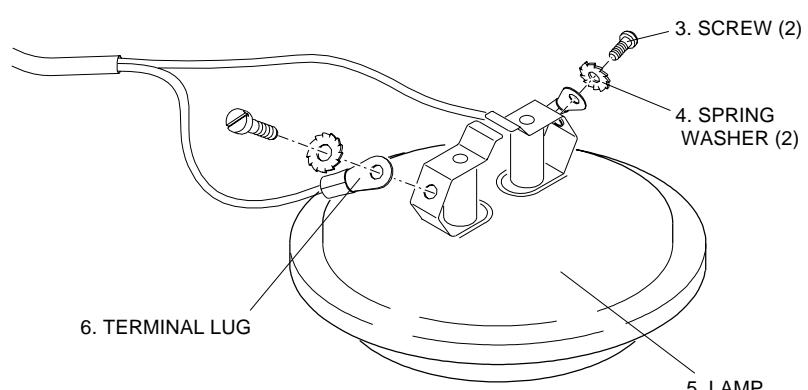
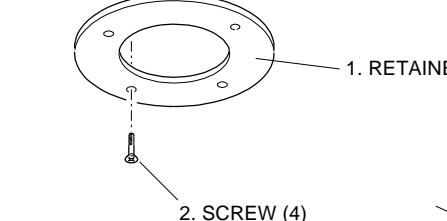
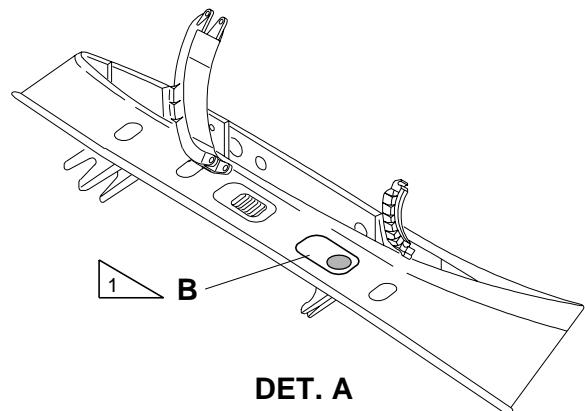
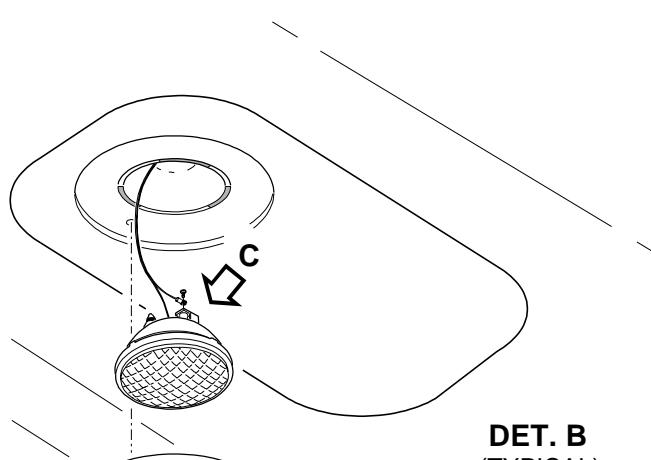
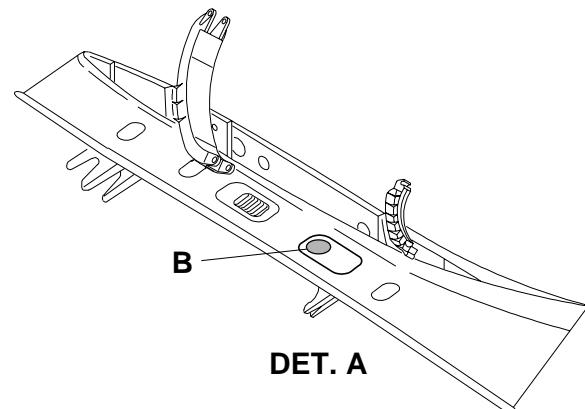
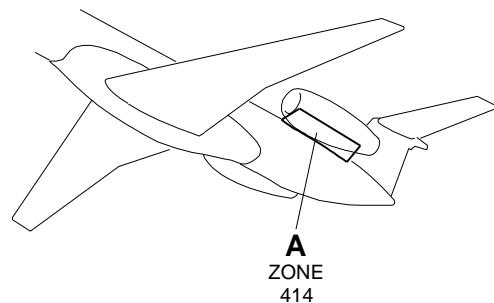
SUBTASK 020-002-A

- (1) Remove the four screws (2) that attach the retainer (1) to the panel.
- (2) Remove the retainer (1).
- (3) Hold the lamp (5) and remove the two screws (3) and two springwashers (4) that connect the two terminal lugs (6) to the lamp.
- (4) Remove the lamp (5).

EFFECTIVITY: AIRCRAFT WITH BAGGAGE-DOOR EXTERNAL LIGHT

Baggage-Door External Light - Removal/Installation

Figure 401



1 ON AIRCRAFT WITH PRESSURE REGULATING SHUT-OFF VALVE (PRSOV) THIS PANEL IS ROTATED 180°

VIEW C

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TASK 33-31-02-400-801-A

EFFECTIVITY: AIRCRAFT WITH BAGGAGE-DOOR EXTERNAL LIGHT

3. BAGGAGE-DOOR EXTERNAL LIGHT - INSTALLATION

A. General

- (1) This task gives the procedure to install the baggage-door external light.

B. References

REFERENCE	DESIGNATION
AMM TASK 20-40-01-860-801-A/200	ENERGIZATION OF THE AIRCRAFT WITH AN EXTERNAL POWER SOURCE

C. Zones and Accesses

Not Applicable

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	At the left pylon bottom

I. Installation (Figure 401)

SUBTASK 420-002-A

- (1) Connect the two terminal lugs (6) to the lamp (5) with the two screws (3) and two springwashers (4).
- (2) Tighten the two screws (3) and two springwashers (4).
- (3) Put the lamp (5) and retainer (1) on their installation position.
- (4) Tighten the four screws (2) that attach the retainer (1) to the panel.

J. Follow-on

SUBTASK 842-002-A

- (1) On the Circuit Breaker Panel, remove the DO-NOT-CLOSE tag from the EXT CARGO circuit breaker and close it.



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- (2) On the Right Power-Control/Distribution-Box Circuit-Breaker Panel, remove the DO-NOT-CLOSE tag from the EXT CARGO circuit breaker, and close it.
- (3) Energize the aircraft with the External DC Power Supply ([AMM TASK 20-40-01-860-801-A/200](#)).
- (4) Make sure that the light is on when the Baggage Door is open.
- (5) Make sure that the light is off when the Baggage Door is closed.
- (6) Remove the hydraulic platform from the work area.

