

GALLEY LIGHTS - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove/install the galley light lamps, galley light assemblies, and galley lamp holders.
- 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
33-29-03-000-801-A	GALLEY LIGHT LAMP - REMOVAL	ALL
33-29-03-400-801-A	GALLEY LIGHT LAMP - INSTALLATION	ALL
33-29-03-000-802-A	GALLEY LIGHT ASSEMBLY - REMOVAL	ALL
33-29-03-400-802-A	GALLEY LIGHT ASSEMBLY - INSTALLATION	ALL

TASK 33-29-03-000-801-A
EFFECTIVITY: ALL

2. GALLEY LIGHT LAMP - REMOVAL

A. General

- (1) This task gives the procedure to remove the galley light lamps.
- (2) This task is applicable to the removal of the forward/aft galley fluorescent lamps (installed on the service-door region ceiling panel) and the outboard galley fluorescent lamps (installed on the main-door region ceiling panel).
- (3) Four fluorescent lamps are installed in the forward/aft galley light assembly.
- (4) Two fluorescent lamps are installed in the outboard galley light assembly.

B. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
233	233ALC	Main-door region ceiling panel
234	234ARC	Service-door region ceiling panel

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	Passenger cabin

H. Preparation

SUBTASK 841-004-A

- (1) Make sure that the aircraft is safe for maintenance.
- (2) Open these circuit breakers and attach DO-NOT-CLOSE tags to them.
 - (a) GALLEY LIGHTS on the RH power control and distribution box (Location tip: RB GND SERV BUS 2/GALLEY LIGHTS).
 - (b) AFT GALLEY on the RH power control and distribution box (Location tip: RB SHED DC BUS 2/AFT GALLEY).

I. Removal [\(Figure 401\)](#) [\(Figure 402\)](#)

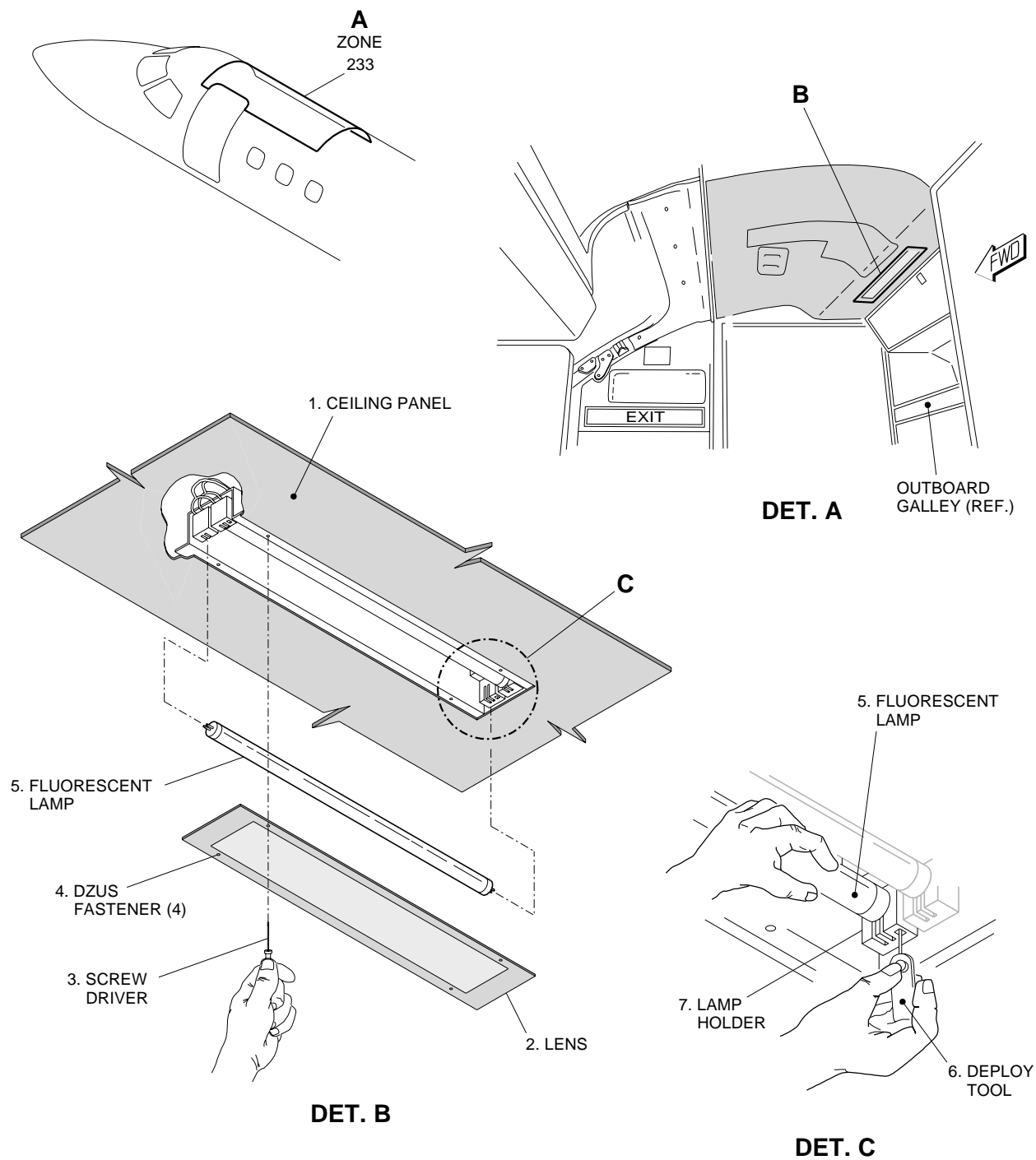
SUBTASK 020-004-A

- (1) With a screwdriver (3), loosen the four Dzus fasteners (4) to remove the lens (2) from the ceiling panel (1).
- (2) Hold the lamp (5) and use a deploy tool (6) to eject it.
- (3) Carefully remove the fluorescent lamp (5).

EFFECTIVITY: ACFT WITH OUTBOARD GALLEY

Galley Light Lamp - Removal/Installation

Figure 401

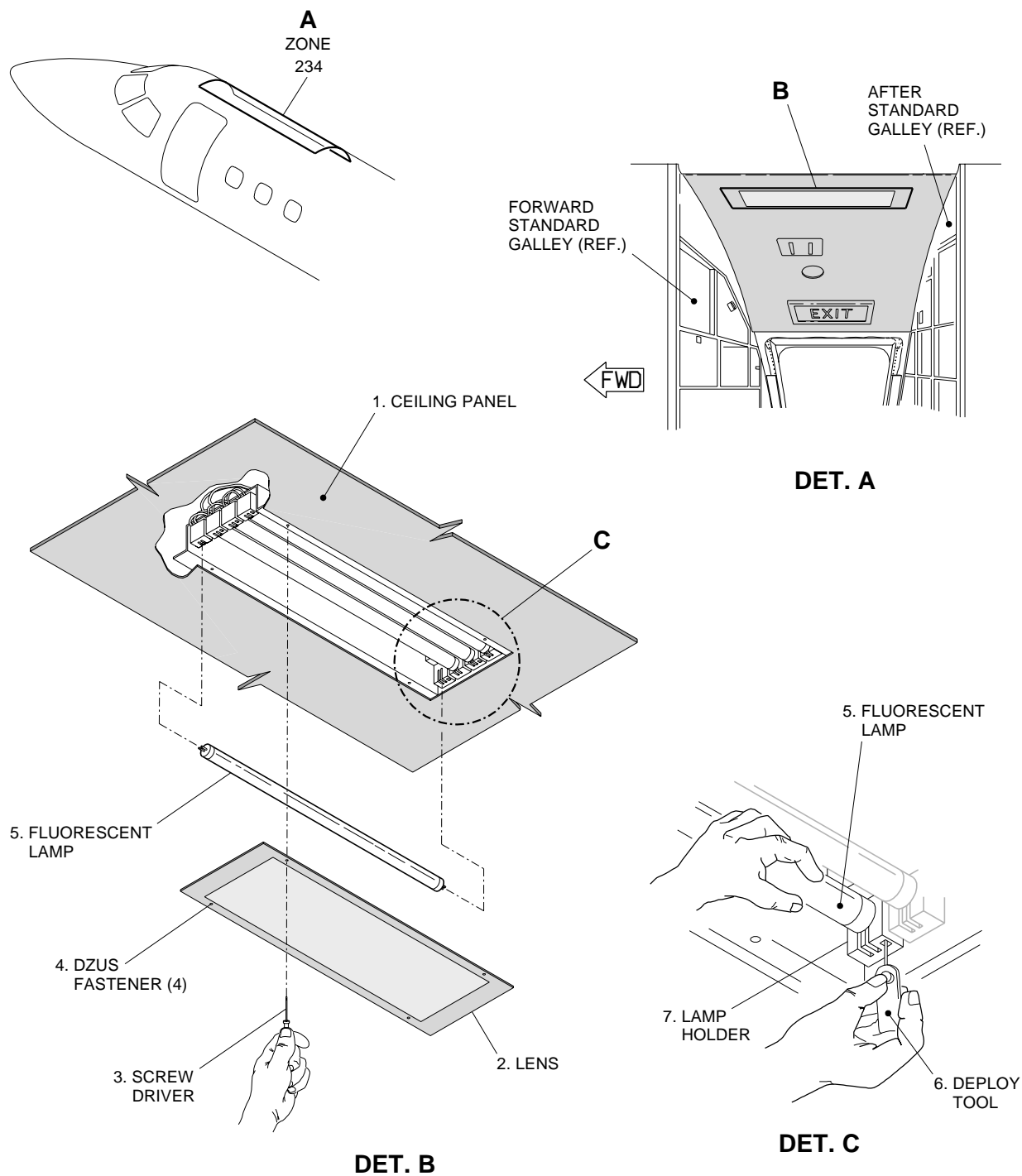


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EFFECTIVITY: ALL

Galley Light Lamp - Removal/Installation

Figure 402



SK145AMM330009A.DGN

TASK 33-29-03-400-801-A

EFFECTIVITY: ALL

3. GALLEY LIGHT LAMP - INSTALLATION

A. General

- (1) This task gives the procedure to install the galley light lamps.
- (2) This task is applicable to the installation of the forward/aft galley fluorescent lamps (installed on the service-door region ceiling panel) and the outboard galley fluorescent lamps (installed on the main-door region ceiling panel).
- (3) Four fluorescent lamps are installed in the forward/aft galley light assembly.
- (4) Two fluorescent lamps are installed in the outboard galley light assembly.

B. References

REFERENCE	DESIGNATION
AMM TASK 33-29-00-700-801-A/500	GALLEY LIGHTS - OPERATIONAL TEST

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
233	233ALC	Main-door region ceiling panel
234	234ARC	Service-door region ceiling panel

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	Passenger cabin

I. Installation (Figure 401) (Figure 402)

SUBTASK 420-004-A

- (1) Engage the contacts of one fluorescent lamp (5) end in the lamp holder without locking mechanism. Then, push the contacts of the other end in the lamp holder (7) with locking mechanism to lock it.

NOTE: Two lamp holders hold each fluorescent lamp. Only one lamp holder has locking mechanism.

- (2) Put the lens (2) in position and tighten the Dzus fasteners (4).

J. Follow-on

SUBTASK 842-004-A

- (1) Remove the DO-NOT-CLOSE tags and close these circuit breakers.
 - (a) GALLEY LIGHTS on the RH power control and distribution box (Location tip: RB GND SERV BUS 2/GALLEY LIGHTS).
 - (b) AFT GALLEY on the RH power control and distribution box (Location tip: RB SHED DC BUS 2/AFT GALLEY).
- (2) Do the operational test of the galley lights ([AMM TASK 33-29-00-700-801-A/500](#)).

TASK 33-29-03-000-802-A

EFFECTIVITY: ALL

4. GALLEY LIGHT ASSEMBLY - REMOVAL

A. General

- (1) This task gives the procedure to remove the galley light assembly.
- (2) This task is applicable to the removal of the forward/aft galley light assembly (installed on the service-door region ceiling panel) and the outboard galley light assembly (installed on the main-door region ceiling panel).

B. References

REFERENCE	DESIGNATION
AMM TASK 25-22-04-000-801-A/400	-
AMM TASK 25-22-04-000-802-A/400	-
AMM TASK 25-22-04-000-803-A/400	-
AMM TASK 33-29-03-000-801-A/400	GALLEY LIGHT LAMP - REMOVAL

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
233	233ALC	Main-door region ceiling panel
234	234ARC	Service-door region ceiling panel

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	Passenger cabin

I. Preparation

SUBTASK 841-005-A

- (1) Make sure that the aircraft is safe for maintenance.
- (2) (For EMB-145() MODELS) Remove the main-door region ceiling panel or service-door region ceiling panel, as applicable (AMM TASK 25-22-04-000-801-A/400).

- (3) (For EMB-135() MODELS) Remove the main-door region ceiling panel or service-door region ceiling panel, as applicable (AMM TASK 25-22-04-000-802-A/400).
- (4) (For EMB-135SL MODELS) Remove the main-door region ceiling panel or service-door region ceiling panel, as applicable (AMM TASK 25-22-04-000-803-A/400).
- (5) Remove the galley light lamp ([AMM TASK 33-29-03-000-801-A/400](#)).

J. Removal ([Figure 403](#)) ([Figure 404](#))

SUBTASK 020-005-A

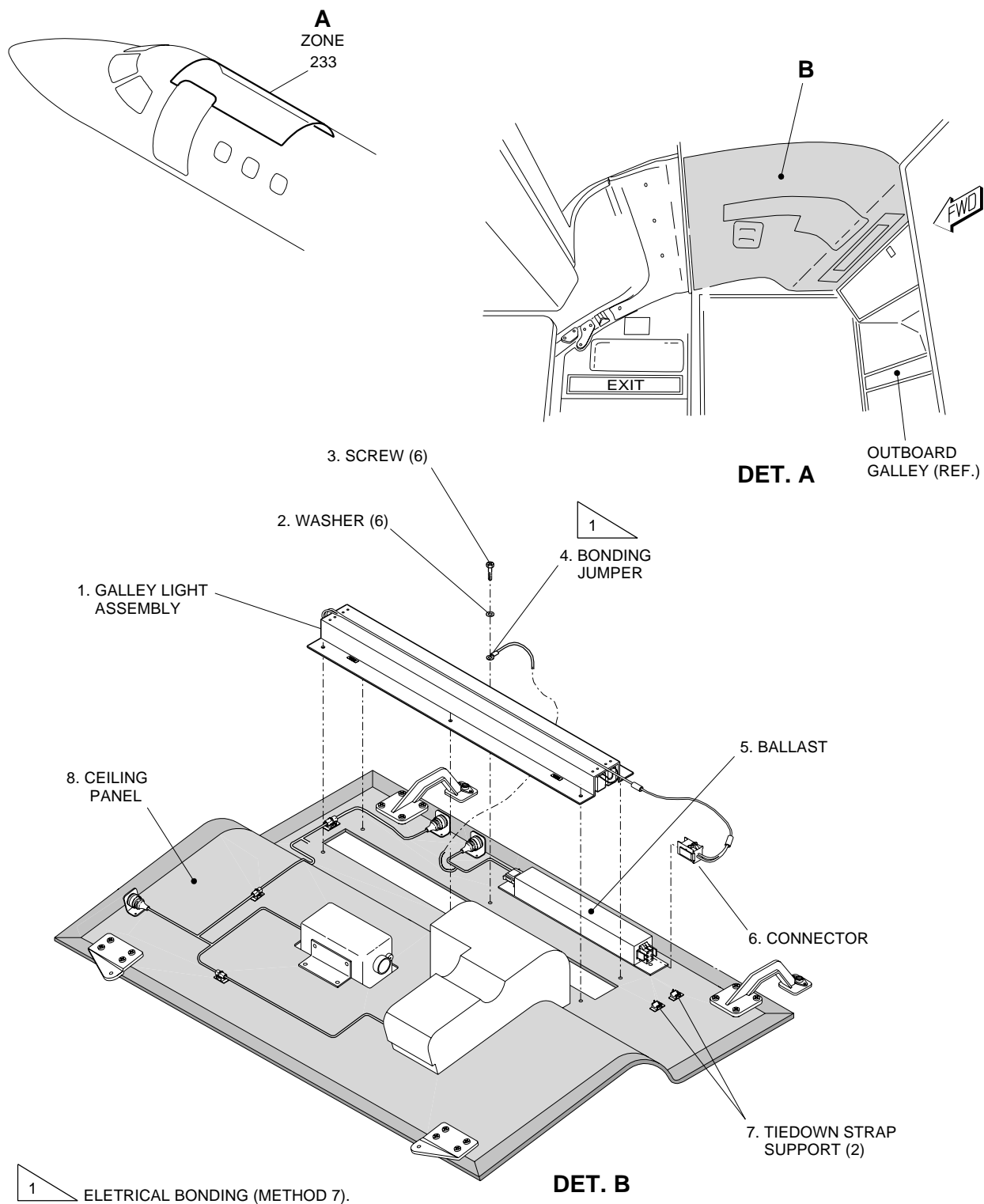
- (1) (For aircraft with outboard galley) For removal of the outboard galley-light-assembly, disconnect the connector (6) from the ballast (5). Refer to [Figure 403](#).
- (2) For removal of the forward/aft galley-light assembly, disconnect the two connectors (6) from the two ballasts (5). Refer to [Figure 404](#).
- (3) Remove the tiedown straps (7) that attach the harness to the ceiling panel (8).
- (4) Remove the screws (3) and washers (2) that attach the galley light assembly (1) to the ceiling panel (8).

NOTE: The screws that attach the galley light assembly also attach the bonding jumpers.
- (5) Remove the galley lamp assembly (1).

EFFECTIVITY: ACFT WITH OUTBOARD GALLEY

Galley Light Assembly - Removal/Installation

Figure 403

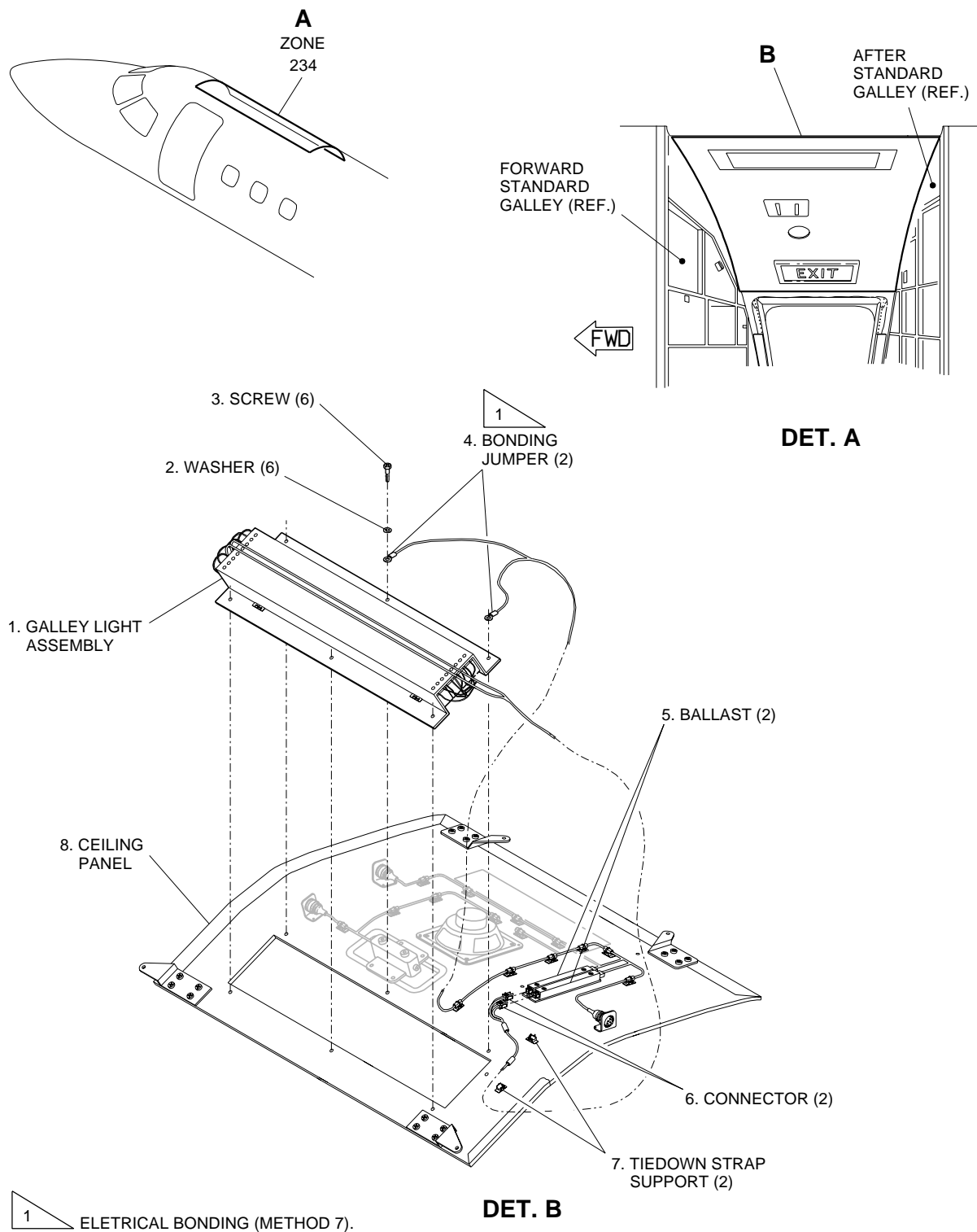


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EFFECTIVITY: ALL

Galley Light Assembly - Removal/Installation

Figure 404



SK145AMM330011A.DGN

TASK 33-29-03-400-802-A

EFFECTIVITY: ALL

5. GALLEY LIGHT ASSEMBLY - INSTALLATION

A. General

- (1) This task gives the procedure to install the galley light assembly.
- (2) This task is applicable to the installation of the forward/aft galley light assembly (installed on the service-door region ceiling panel) and the outboard galley light assembly (installed on the main-door region ceiling panel).

B. References

REFERENCE	DESIGNATION
AMM TASK 20-13-21-700-801-A/200	ELECTRICAL BONDING TEST - STANDARD PROCEDURES
AMM TASK 20-13-21-910-801-A/200	TYPES OF ELECTRICAL BONDING AND SURFACE PREPARATION - STANDARD PROCEDURES
AMM TASK 20-13-21-910-802-A/200	ELECTRICAL BONDING PROTECTION - STANDARD PROCEDURES
AMM TASK 25-22-04-400-801-A/400	-
AMM TASK 25-22-04-400-802-A/400	-
AMM TASK 25-22-04-400-803-A/400	-
AMM TASK 33-29-00-700-801-A/500	GALLEY LIGHTS - OPERATIONAL TEST
AMM TASK 33-29-03-400-801-A/400	GALLEY LIGHT LAMP - INSTALLATION
IPC 25-22-04	HEADLINER

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
233	233ALC	Main-door region ceiling panel
234	234ARC	Service-door region ceiling panel

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
Tiedown Strap	IPC 25-22-04	2
Tiedown Strap	IPC 25-22-04	2

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Passenger cabin

I. Installation (Figure 403) (Figure 404)

SUBTASK 420-005-A

- (1) Do the bonding procedure, method 7, on the assembly surface where the bonding jumpers (4) are attached ([AMM TASK 20-13-21-910-801-A/200](#)).
- (2) Put the galley lamp assembly (1) in position on the ceiling panel (8).
- (3) Install the washers (2) and screws (3) that attach the galley light assembly (1) and bonding jumpers (4) to the ceiling panel (8).
- (4) Do the bonding test ([AMM TASK 20-13-21-700-801-A/200](#)) on the galley light assembly (1).
- (5) Do the bonding protection ([AMM TASK 20-13-21-910-802-A/200](#)) on the bonding jumpers (4).
- (6) (For aircraft with outboard galley) For installation of the outboard galley-light assembly, connect the connector (6) to the ballast (5). Refer to (Figure 403).
- (7) For installation of forward/aft galley-light assembly, connect the two connectors (6) to the two ballasts (5). Refer to (Figure 404).
- (8) Use the tiedown straps to attach the harness to the supports (7).

J. Follow-on

SUBTASK 842-005-A

- (1) Install the galley light lamp ([AMM TASK 33-29-03-400-801-A/400](#)).
- (2) (For EMB-145() MODELS) Install the ceiling panel (AMM TASK 25-22-04-400-801-A/400).
- (3) (For EMB-135() MODELS) Install the ceiling panel (AMM TASK 25-22-04-400-802-A/400).
- (4) (For EMB-135SL MODELS) Install the ceiling panel (AMM TASK 25-22-04-400-803-A/400).
- (5) Do an operational test of the galley lights ([AMM TASK 33-29-00-700-801-A/500](#)).

