



AIRCRAFT MAINTENANCE MANUAL

LANDING LIGHT CONTACTOR - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove and install the landing light contactors.
- B. These procedures are applicable to landing light 1 contactor, nose landing light contactor, and landing light 2 contactor.
- C. The landing light 1 contactor and nose landing light contactor are installed in the LH Electrical-power control/distribution box and the landing light 2 contactor is installed in the RH Electrical-power control/distribution box.
- 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
33-41-03-000-801-A	LANDING LIGHT CONTACTOR - REMOV- AL	ALL
33-41-03-400-801-A	LANDING LIGHT CONTACTOR - INSTAL- LATION	ALL



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TASK 33-41-03-000-801-A

EFFECTIVITY: ALL

2. LANDING LIGHT CONTACTOR - REMOVAL

A. General

- (1) This procedure gives the instructions to remove the landing light contactor.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-03/100	- COMPONENT LOCATION

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
223	223UZ	LH cockpit/pax partition
224	224NZ	RH cockpit/pax partition

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	LH or RH cockpit/pax partition

I. Preparation

SUBTASK 841-002-A

- (1) Make sure that the aircraft is deenergized.
- (2) To get access to the landing light 1 contactor and nose landing light contactor (LH electrical-power control/distribution box), remove the 223UZ access panel ([AMM MPP 06-41-03/100](#)).
- (3) To get access to the landing light 2 contactor (RH electrical-power control/distribution box), remove the 224NZ access panel ([AMM MPP 06-41-03/100](#)).

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

SUBTASK 020-002-A

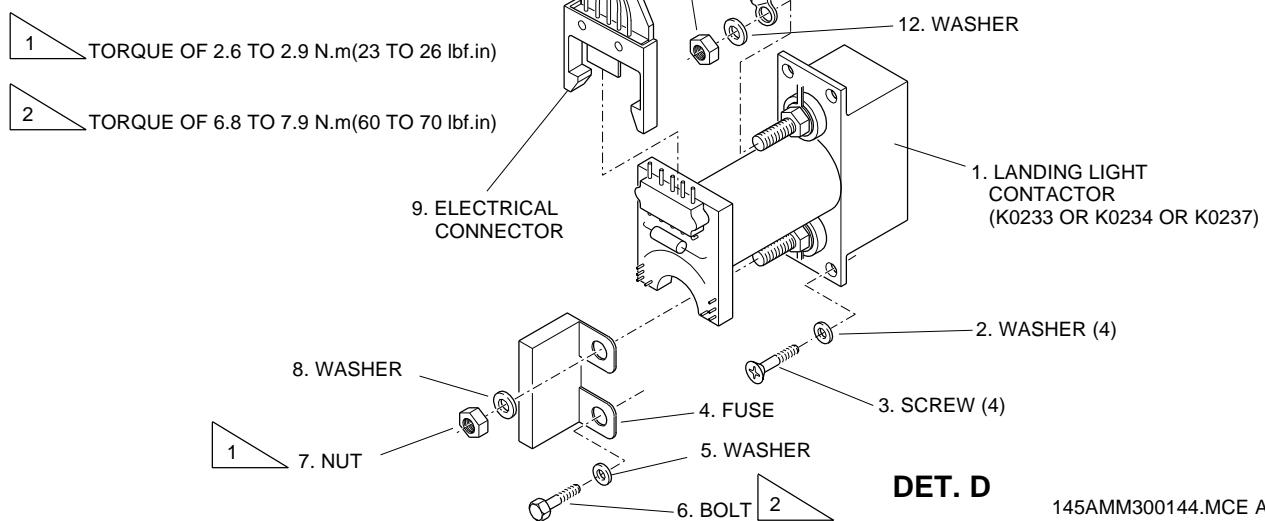
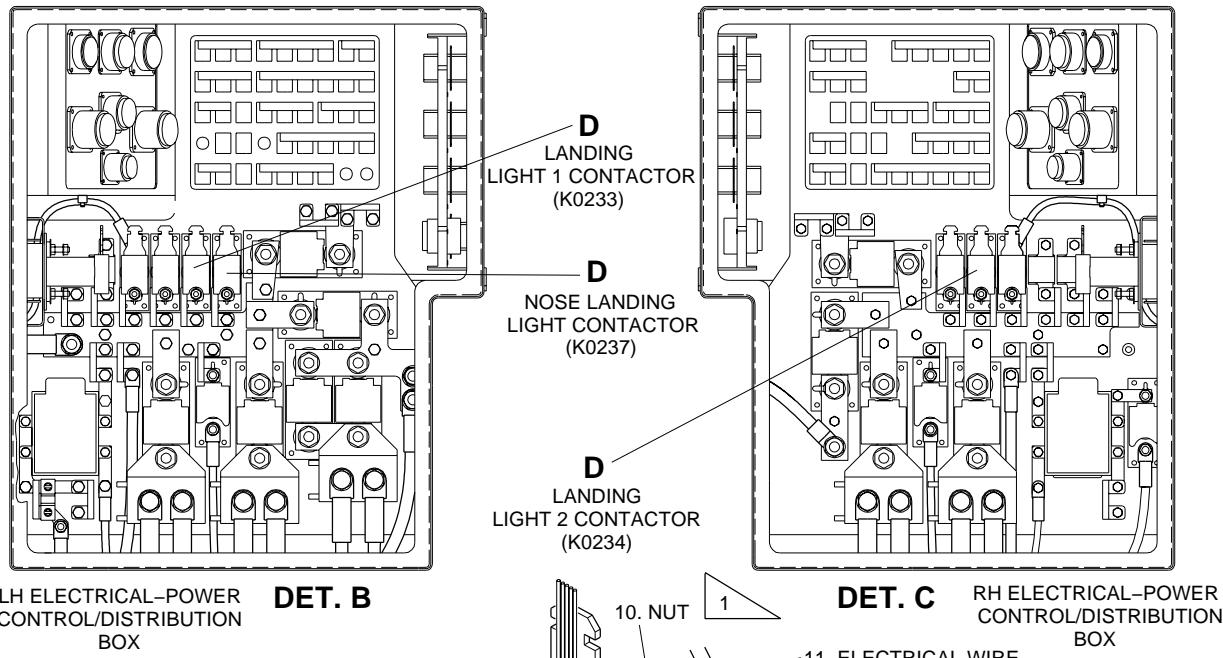
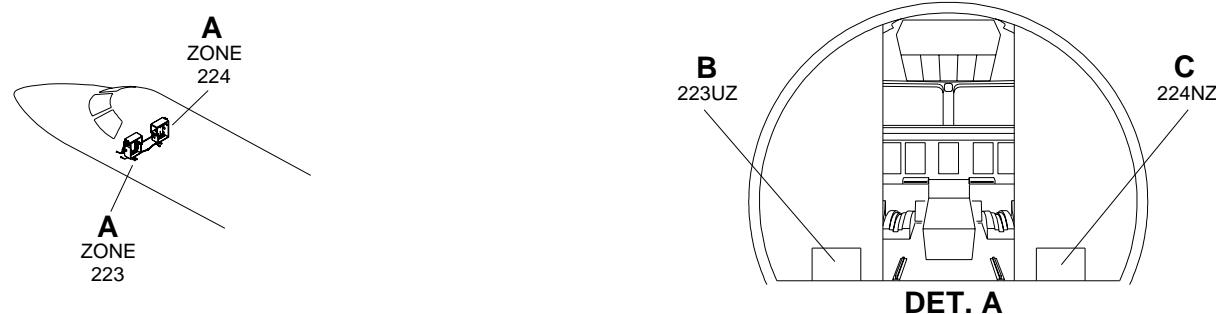
- (1) Disconnect the electrical connector (9).



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- (2) Remove the bolt (6) and the washer (5) which attach the fuse (4) to the electrical-power control/distribution box.
- (3) Remove the nut (7) and the washer (8) which attach the fuse (4) to the landing light contactor (1).
- (4) Remove the fuse (4).
- (5) Disconnect the electrical wire (11). For this, remove the nut (10) and washer (12).
- (6) Remove the four screws (3) and four washers (2) which attach the landing light contactor (1) to the electrical-power control/distribution box.
- (7) Remove the landing light contactor (1).

EFFECTIVITY: ALL

 Landing Light Contactor - Removal/Installation
 Figure 401


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TASK 33-41-03-400-801-A

EFFECTIVITY: ALL

3. LANDING LIGHT CONTACTOR - INSTALLATION

A. General

- (1) This procedure gives the instructions to install the landing light contactor.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-03/100	- COMPONENT LOCATION
AMM TASK 33-41-00-700-801-A/500	LANDING LIGHTS - OPERATIONAL TEST

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
223	223UZ	LH cockpit/pax partition
224	224NZ	RH cockpit/pax partition

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Torque wrench	To apply the correct torque	

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	LH or RH cockpit/pax partition

I. Installation (Figure 401)

SUBTASK 420-002-A

- (1) Put the landing light contactor (1) in the electrical-power control/distribution box.
- (2) Tighten the four screws (3) and four washers (2) which attach the landing light contactor (1) to the electrical-power control/distribution box.
- (3) Connect the electrical wire (11) with the washer (12) and nut (10).
- (4) Put the fuse (4) in its installation position.



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- (5) Tighten the washer (8) and the nut (7) which attach the fuse (4) to the landing light contactor (1).
- (6) Tighten the bolt (6) and the washer (5) which attach the fuse (4) to the electrical-power control/distribution box.
- (7) Connect the electrical connector (9).

J. Follow-on

SUBTASK 842-002-A

- (1) Close the 223UZ or 224NZ access panel ([AMM MPP 06-41-03/100](#)).
- (2) Do the operational test of the landing light ([AMM TASK 33-41-00-700-801-A/500](#)).