
FUEL PUMP CONTACTOR - REMOVAL/INSTALLATION*EFFECTIVITY: ALL*1. General

- A. This section gives the procedures to remove and install the fuel pump contactors.
- B. These procedures are applicable to the fuel pump contactors 1A, 1B, and 1C and fuel pump contactors 2A, 2B, and 2C.
- C. The fuel pump contactors 1A, 2B, and 1C are installed in the LH Electrical-power control/distribution box and the fuel pump contactors 2A, 1B, and 2C are 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
28-21-14-000-801-A	FUEL PUMP CONTACTOR - REMOVAL	ALL
28-21-14-400-801-A	FUEL PUMP CONTACTOR - INSTALLATION	ALL

TASK 28-21-14-000-801-A

EFFECTIVITY: ALL

2. FUEL PUMP CONTACTOR - REMOVAL

A. General

(1) This procedure gives the instructions to remove the fuel pump 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 GPU pushbutton, on the overhead panel, is set to OFF.
- (2) Put a DO-NOT-SET-TO-ON tag, on GPU pushbutton.
- (3) Make sure that the BATT 1 and BATT 2 switches, on the overhead panel, are set to OFF.
- (4) Put a DO-NOT-SET-TO-AUTO tag, on BATT 1 and BATT 2 switches.
- (5) Set the BACKUP pushbutton, on the overhead panel, to OFF.
- (6) Put a DO-NOT-SET-AUTO tag, on BACKUP pushbutton.

- (7) To get access to the fuel pump contactors 1A, 2B, and 1C (LH electrical-power control/distribution box), remove the lifevest shroud assembly and remove the 223UZ access panel ([AMM MPP 06-41-03/100](#)).
- (8) To get access to the fuel pump contactors 2A, 1B, and 2C (RH electrical-power control/distribution box), remove the 224NZ access panel ([AMM MPP 06-41-03/100](#)), through the wardrobe.

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

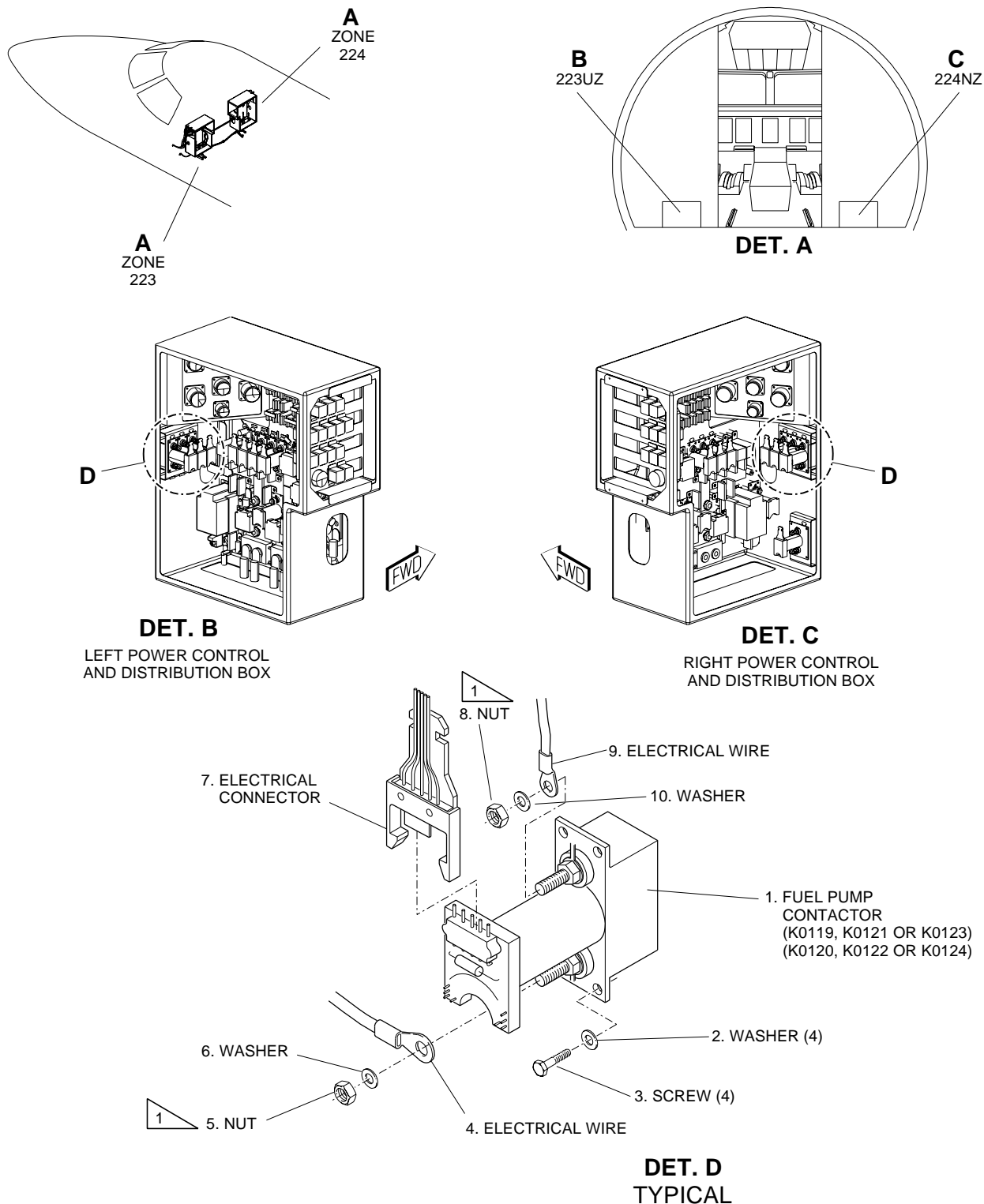
SUBTASK 020-002-A

- (1) Disconnect the electrical connector (7).
- (2) Remove the nut (8), washers (10) and electrical wire (9).
NOTE: If the electrical cables are without an identification code, identify them to make the reinstallation easier.
- (3) Remove the nut (5), washers (6) and electrical wire (4).
NOTE: If the electrical cables are without an identification code, identify them to make the reinstallation easier.
- (4) Remove the four screws (3) and washers (2) that attach the contactor to the electrical-power control/distribution box.
- (5) Remove the fuel pump contactor (1).

EFFECTIVITY: ALL

Fuel Pump Contactor - Removal/Installation

Figure 401



EM145AMM281330A.DGN

TASK 28-21-14-400-801-A
EFFECTIVITY: ALL

3. FUEL PUMP CONTACTOR - INSTALLATION

A. General

(1) This procedure gives the instructions to install the fuel pump contactor.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-03/100	- COMPONENT LOCATION
AMM SDS 24-60-00/1	
AMM TASK 28-45-00-700-801-A/500	FUEL LOW-PRESSURE WARNING SYSTEM - OPERATIONAL CHECK

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 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 fuel pump contactor (1) in the electrical-power control/distribution box (AMM SDS 24-60-00/1).
- (2) Install the screws (3) and washers (2) that attach the fuel pump contactor (1) to the electrical-power control/distribution box.

- (3) Connect the electrical wire (4) with the washer (6) and nut (5).
- (4) Use the torque wrench to torque nut (5) to 2.6 to 2.9 N.m (23.0 to 26.0 lbf.in).
- (5) Apply drop of torque seal F-925 to the nut (5) as a check mark.
- (6) Connect the electrical wire (9) with the washer (10) and nut (8).
- (7) Use the torque wrench to torque nut (9) to 2.6 to 2.9 N.m (23.0 to 26.0 lbf.in).
- (8) Apply a drop of torque seal F-925 to the nut (9) as a check mark.
- (9) Connect the electrical connector (7).

J. Follow-on

SUBTASK 842-002-A

- (1) Close the 223UZ or 224NZ access panel ([AMM MPP 06-41-03/100](#)), as applicable.
- (2) Remove the DO-NOT-SET-AUTO tag from the BACKUP pushbutton.
- (3) Set the BACKUP pushbutton to AUTO.
- (4) Remove the DO-NOT-SET-TO-ON tag from the GPU pushbutton.
- (5) Remove the DO-NOT-SET-TO-AUTO tag from BATT 1 and BATT 2 switches.
- (6) Do the Operational Check of the Fuel Low-Pressure Warning System ([AMM TASK 28-45-00-700-801-A/500](#)), as applicable.