

## REFUELING/DEFUELING CONTROL PANEL - REMOVAL/INSTALLATION

*EFFECTIVITY: ALL*

1. General

- A. This section gives the procedures to remove/install the refueling/defueling control panel.
- 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
28-23-09-000-801-A	REFUELING/DEFUELING CONTROL PAN- EL - REMOVAL	ALL
28-23-09-400-801-A	REFUELING/DEFUELING CONTROL PAN- EL - INSTALLATION	ALL

TASK 28-23-09-000-801-A

EFFECTIVITY: ALL

## 2. REFUELING/DEFUELING CONTROL PANEL - REMOVAL

### A. General

- (1) Obey the instructions below to remove the refueling/defueling control panel.

### B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
<a href="#">AMM MPP 28-00-00/200</a>	- MAINTENANCE PRACTICES

### C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
191	191BR	Wing-to-fuselage fairing

### 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	Wing-to-fuselage fairing

### I. Preparation

SUBTASK 841-002-A

**WARNING: BEFORE YOU DO THE TASK, OBEY THE SAFETY PRECAUTIONS GIVEN IN [AMM MPP 28-00-00/200](#) TO PREVENT INJURY TO PERSONS AND DAMAGE TO MATERIAL.**

- (1) On the circuit breaker panel, open the circuit breakers below and attach a DO-NOT-CLOSE tag to them:
  - DEFUELING.
  - FUEL PUMP 2A.
  - FUEL QTY IND 1/2.
  - REFUELING 1/2/3.

- START 1/2.

- (2) Open the access panel 191BR (AMM MPP 06-41-01/100) to get access to the refueling/defueling panel.

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

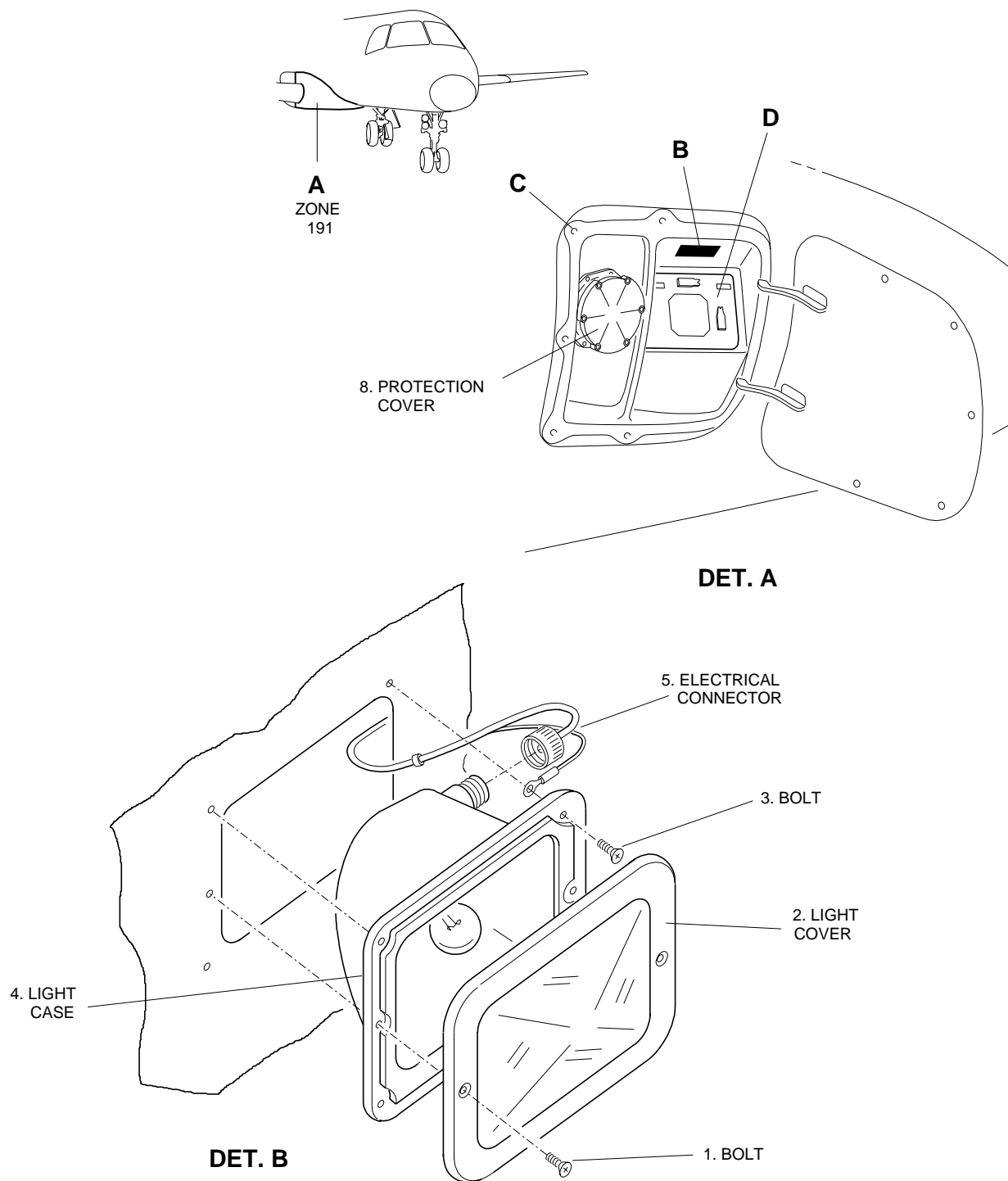
*SUBTASK 020-002-A*

- (1) Remove the light cover bolts (1) and the light cover (2).
- (2) Remove the light case bolts (3) and the light case (4).
- (3) Remove the light case electrical connector (5).
- (4) Remove all formed plate bolts (6) and the formed plate (7).
- (5) Remove the bolts (8) and washers (9), and remove the refueling/defueling control panel (10).
- (6) Remove the electrical connectors (11) from the refueling/defueling control panel (10).
- (7) Install protection caps to the disconnected electrical connectors.

EFFECTIVITY: ALL

Refueling/Defueling Control Panel - Removal/Installation

Figure 401 - Sheet 1

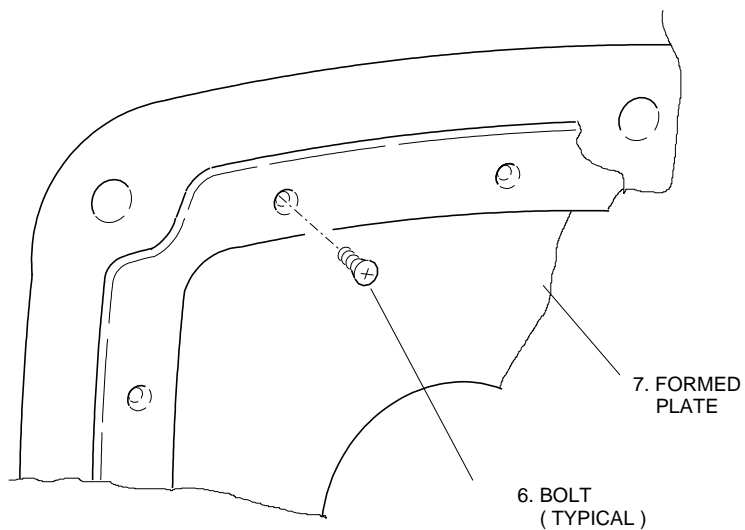


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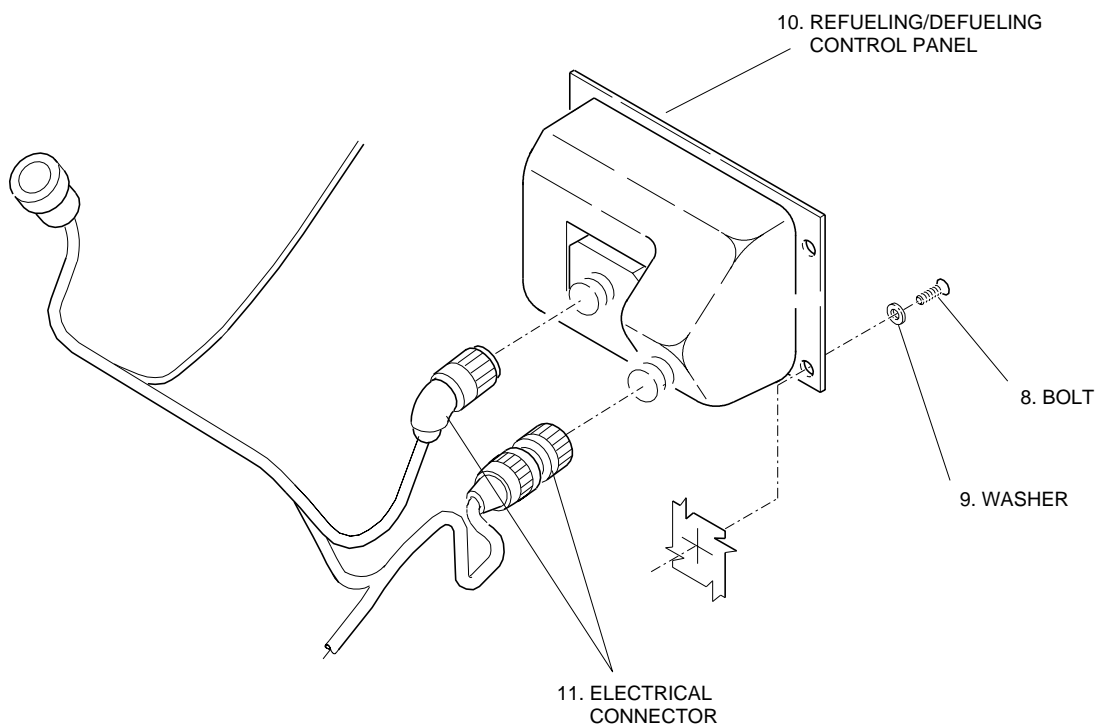
EFFECTIVITY: ALL

Refueling/Defueling Control Panel - Removal/Installation

Figure 401 - Sheet 2



**DET. C**



**DET. D**

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TASK 28-23-09-400-801-A

EFFECTIVITY: ALL

### 3. REFUELING/DEFUELING CONTROL PANEL - INSTALLATION

#### A. General

- (1) Obey the instructions below to install the refueling/defueling control panel.

#### B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
<a href="#">AMM MPP 28-00-00/200</a>	- MAINTENANCE PRACTICES
AMM TASK 28-41-00-200-801-A/600	-

#### C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
191	191BR	Wing-to-fuselage fairing

#### 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	Wing-to-fuselage fairing

#### I. Preparation

##### **SUBTASK 841-003-A**

- (1) On the circuit breaker panel, make sure that the circuit breakers below are open and with a DO-NOT-CLOSE tag attached to them:
  - DEFUELING.
  - FUEL PUMP 2A.
  - FUEL QTY IND 1/2.
  - REFUELING 1/2/3.
  - START 1/2.

J. Installation (Figure 401)

*SUBTASK 420-002-A*

**WARNING: BEFORE YOU DO THE TASK, OBEY THE SAFETY PRECAUTIONS GIVEN IN [AMM MPP 28-00-00/200](#) TO PREVENT INJURY TO PERSONS AND DAMAGE TO MATERIAL.**

- (1) Remove protection caps from all the disconnected electrical connectors.
- (2) Install the electrical connectors (11) to the refueling/defueling control panel (10).
- (3) Install the refuel/defuel control panel (10), the bolts (8), and the washers (9).
- (4) Install the formed plate (7) and all the bolts (6).
- (5) Install the light case electrical connector (5).
- (6) Install the light case (4) and the light case bolts (3).
- (7) Install the light cover (2) and the light cover bolts (1).

K. Follow-on

*SUBTASK 842-002-A*

- (1) Do an inspection on the fuel quantity indication harness (AMM TASK 28-41-00-200-801-A/600).

**NOTE:** The inspection of fuel quantity indication harness is a part of Critical Design Configuration Control Limitations (CDCCL) in the Airworthiness Limitations of the Maintenance Review Board Report (MRB).

- (2) Close the access panel 191BR (AMM MPP 06-41-01/100) after the refueling/defueling panel installation.
- (3) On the circuit breaker panel, close the circuit breakers below and remove the DO-NOT-CLOSE tag from them:
  - DEFUELING.
  - FUEL PUMP 2A.
  - FUEL QTY IND 1/2.
  - REFUELING 1/2/3.
  - START 1/2.

