

## FUEL-QUANTITY-SELECTOR REPEATER INDICATOR - REMOVAL/INSTALLATION

*EFFECTIVITY: ALL*

### 1. General

- A. This section gives the procedures to remove/install the fuel-quantity-selector repeater.
- 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
28-23-08-000-801-A	FUEL-QUANTITY-SELECTOR REPEATER - REMOVAL	ALL
28-23-08-400-801-A	FUEL-QUANTITY-SELECTOR REPEATER - INSTALLATION	ALL

TASK 28-23-08-000-801-A

EFFECTIVITY: ALL

## 2. FUEL-QUANTITY-SELECTOR REPEATER - REMOVAL

### A. General

- (1) Obey the instructions below to remove the fuel-quantity-selector repeater.

### 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:
  - FUEL QTY IND 1;
  - FUEL QTY IND 2;
  - REFUEL 1;
  - REFUEL 2;

- REFUEL 3.

- (2) Open access panel 191BR (AMM MPP 06-41-01/100) to get access to the fuel-quantity-selector repeater (2).

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

*SUBTASK 020-002-A*

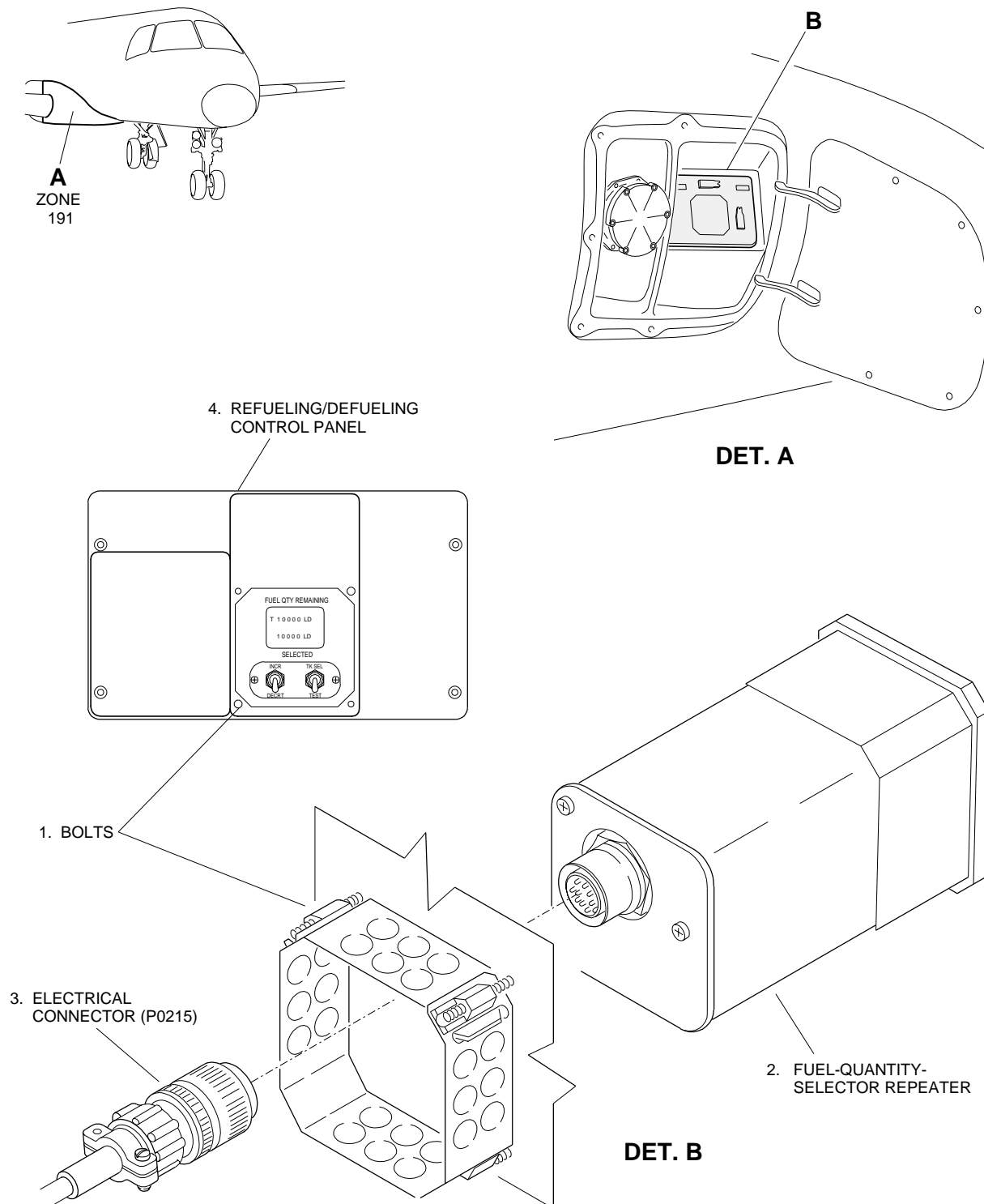
CAUTION: PULL OUT THE FUEL-QUANTITY-SELECTOR REPEATER FROM THE REFUELING/DEFUELING CONTROL PANEL CAREFULLY TO PREVENT DAMAGE TO ITS ELECTRICAL CONNECTOR.

- (1) Loosen the bolts (1).
- (2) Remove the fuel-quantity-selector repeater (2) from the refueling/defueling control panel (4).
- (3) Disconnect the electrical connector (3) and install a protection cap to it (3).

EFFECTIVITY: ALL

Fuel-Quantity-Selector Repeater - Removal/Installation

Figure 401



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TASK 28-23-08-400-801-A  
EFFECTIVITY: ALL

### 3. FUEL-QUANTITY-SELECTOR REPEATER - INSTALLATION

#### A. General

- (1) Obey the instructions below to install the fuel-quantity-selector repeater.

#### 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:
  - FUEL QTY IND 1;
  - FUEL QTY IND 2;
  - REFUEL 1;
  - REFUEL 2;
  - REFUEL 3.

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 the protection cap from the disconnected electrical connector (3).
- (2) Connect the electrical connector (3) to the fuel-quantity-selector repeater (2).
- (3) Install the fuel-quantity-selector repeater (2) in the refueling/defueling control panel (4).
- (4) Tighten the bolts (1).

K. Follow-on

*SUBTASK 842-002-A*

- (1) On the circuit breaker panel, close the circuit breakers below and remove the DO-NOT-CLOSE tag from them:
  - FUEL QTY IND 1;
  - FUEL QTY IND 2;
  - REFUEL 1;
  - REFUEL 2;
  - REFUEL 3.
- (2) On the refueling/defueling control panel, set the TK SEL/TEST switch to the TEST position for 5 seconds minimum:
  - (a) The display digits of the fuel-quantity-selector repeater illuminate.
  - (b) Make sure that no fault message is shown.
- (3) Release the TK SEL/TEST switch.
- (4) 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).

- (5) Close access panel 191BR (AMM MPP 06-41-01/100).