

## FUEL-CROSSFEED VALVE - ADJUSTMENT/TEST

*EFFECTIVITY: ALL*

1. General

- A. This section gives the procedures to do the check of the fuel crossfeed valve.
- 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
28-21-04-700-801-A ♦	FUEL CROSSFEED VALVE - OPERATION- AL CHECK	ACFT WITH WET WINGSTUB
28-21-04-700-802-A ♦	FUEL CROSSFEED VALVE - OPERATION- AL CHECK	ACFT WITH DRY WINGSTUB

TASK 28-21-04-700-801-A

EFFECTIVITY: ACFT WITH WET WINGSTUB

## 2. FUEL CROSSFEED VALVE - OPERATIONAL CHECK

### A. General

- (1) This task gives the procedures to do the check of the crossfeed valve operation. This valve permits the supply of one engine with the fuel from the opposite side tank.

### B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
<a href="#">AMM MPP 28-11-01/400</a>	- REMOVAL/INSTALLATION
<a href="#">AMM TASK 20-40-01-860-801-A/200</a>	ENERGIZATION OF THE AIRCRAFT WITH AN EXTERNAL POWER SOURCE
AMM TASK 28-41-00-200-801-A/600	-

### C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
155	155DZ	Landing gear bay
155	155EZ	Landing gear bay

### 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	Cockpit
1	Monitors the operation of the fuel crossfeed valve	Landing gear bay

### I. Preparation

#### SUBTASK 841-002-A

- (1) Remove access panel 155DZ/155EZ (AMM MPP 06-41-01/100) to get access to the crossfeed valve.
- (2) Energize the aircraft with an External DC-Power Supply ( [AMM TASK 20-40-01-860-801-A/200](#) ).

J. Operationally Check Crossfeed Valve (Figure 501) (Figure 502)

*SUBTASK 710-002-A*

(1) Do the check below:

(a) Set the XFEED switch to LOW 1 or LOW 2.

Result:

- 1 On the EICAS display, the “FUEL XFEED OPEN” advisory message comes into view.
- 2 The position indicator, on the fuel crossfeed valve, shows the open position.

(b) Set the XFEED switch to OFF.

Result:

- 1 On the EICAS display, the “FUEL XFEED OPEN” advisory message goes out of view.
- 2 The position indicator, on the fuel crossfeed valve, shows the closed position.

K. Follow-on

*SUBTASK 842-002-A*

(1) Deenergize the aircraft ( [AMM TASK 20-40-01-860-801-A/200](#)).

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

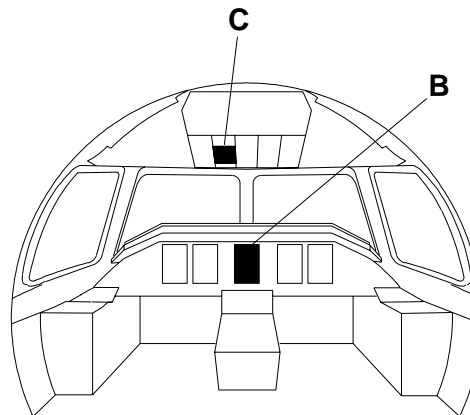
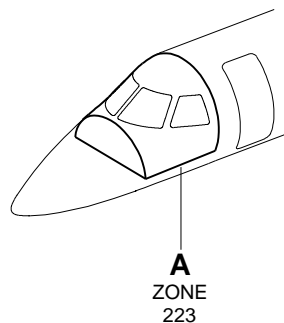
NOTE: The inspection of fuel quantity indication harness is a part of Critical Design Configuration Control Limitations (CDCCL) in the Airworthiness Limitations of the Maintenance Review Board Report (MRB).

(3) Install access panel 155DZ/155EZ (AMM MPP 06-41-01/100 and [AMM MPP 28-11-01/400](#)).

**EFFECTIVITY: ACFT WITH WET WINGSTUB**

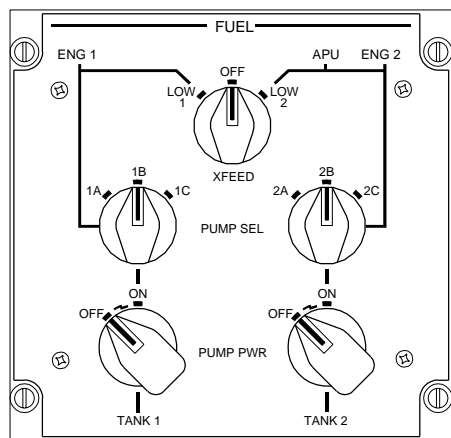
Fuel Crossfeed Valve - Controls/Indication - Component Locations

Figure 501

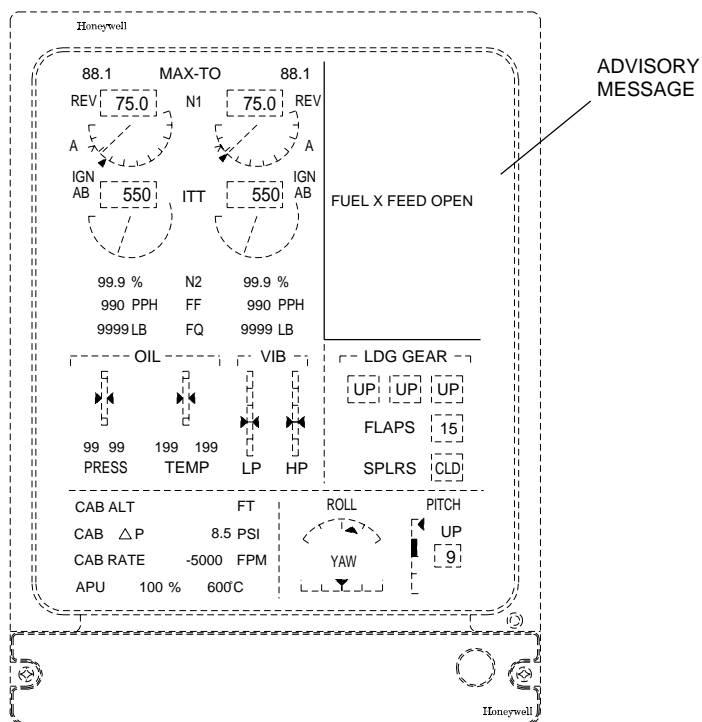


**DET. A**

**FUEL CONTROL PANEL**



**EICAS DISPLAY (REF)**

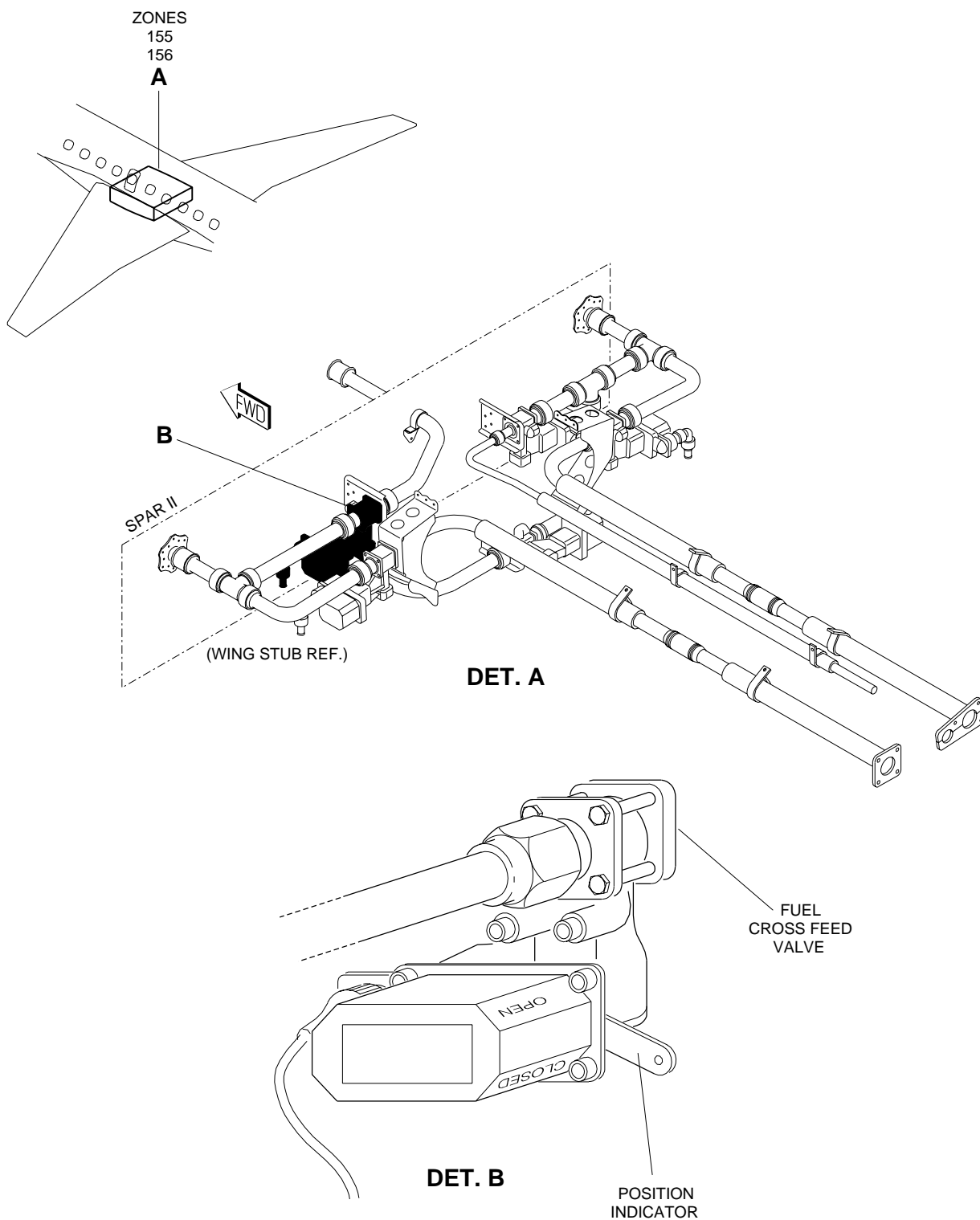


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EFFECTIVITY: ACFT WITH WET WINGSTUB

Fuel Crossfeed Valve - Controls/Indication - Component Locations

Figure 502



145AMM280137.MCE B

TASK 28-21-04-700-802-A

EFFECTIVITY: ACFT WITH DRY WINGSTUB

### 3. FUEL CROSSFEED VALVE - OPERATIONAL CHECK

#### A. General

- (1) This task gives the procedures to do a check of the crossfeed valve operation. This valve permits the supply of one engine with the fuel from the opposite side tank.

#### B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
<a href="#">AMM MPP 28-11-01/400</a>	- REMOVAL/INSTALLATION
<a href="#">AMM TASK 20-40-01-860-801-A/200</a>	ENERGIZATION OF THE AIRCRAFT WITH AN EXTERNAL POWER SOURCE
AMM TASK 28-41-00-200-801-A/600	-

#### C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
192	192AL	Center lower 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	Cockpit
1	Monitors the operation of the fuel crossfeed valve	Wing stub

#### I. Preparation

##### SUBTASK 841-003-A

- (1) Remove access panel 192AL (AMM MPP 06-41-01/100) to get access to the crossfeed valve.
- (2) Energize the aircraft with an External DC-Power Supply ( [AMM TASK 20-40-01-860-801-A/200](#) ).

J. Operationally Check Crossfeed Valve ([Figure 503](#)) (Figure 501)

*SUBTASK 710-003-A*

(1) Do the check below:

(a) Set the XFEED switch to LOW 1 or LOW 2.

Result:

- 1 On the EICAS display, the “FUEL XFEED OPEN” advisory message comes into view.
- 2 The position indicator, on the fuel crossfeed valve, shows the open position.

(b) Set the XFEED switch to OFF.

Result:

- 1 On the EICAS display, the “FUEL XFEED OPEN” advisory message goes out of view.
- 2 The position indicator, on the fuel crossfeed valve, shows the closed position.

K. Follow-on

*SUBTASK 842-003-A*

(1) Deenergize the aircraft ( [AMM TASK 20-40-01-860-801-A/200](#)).

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

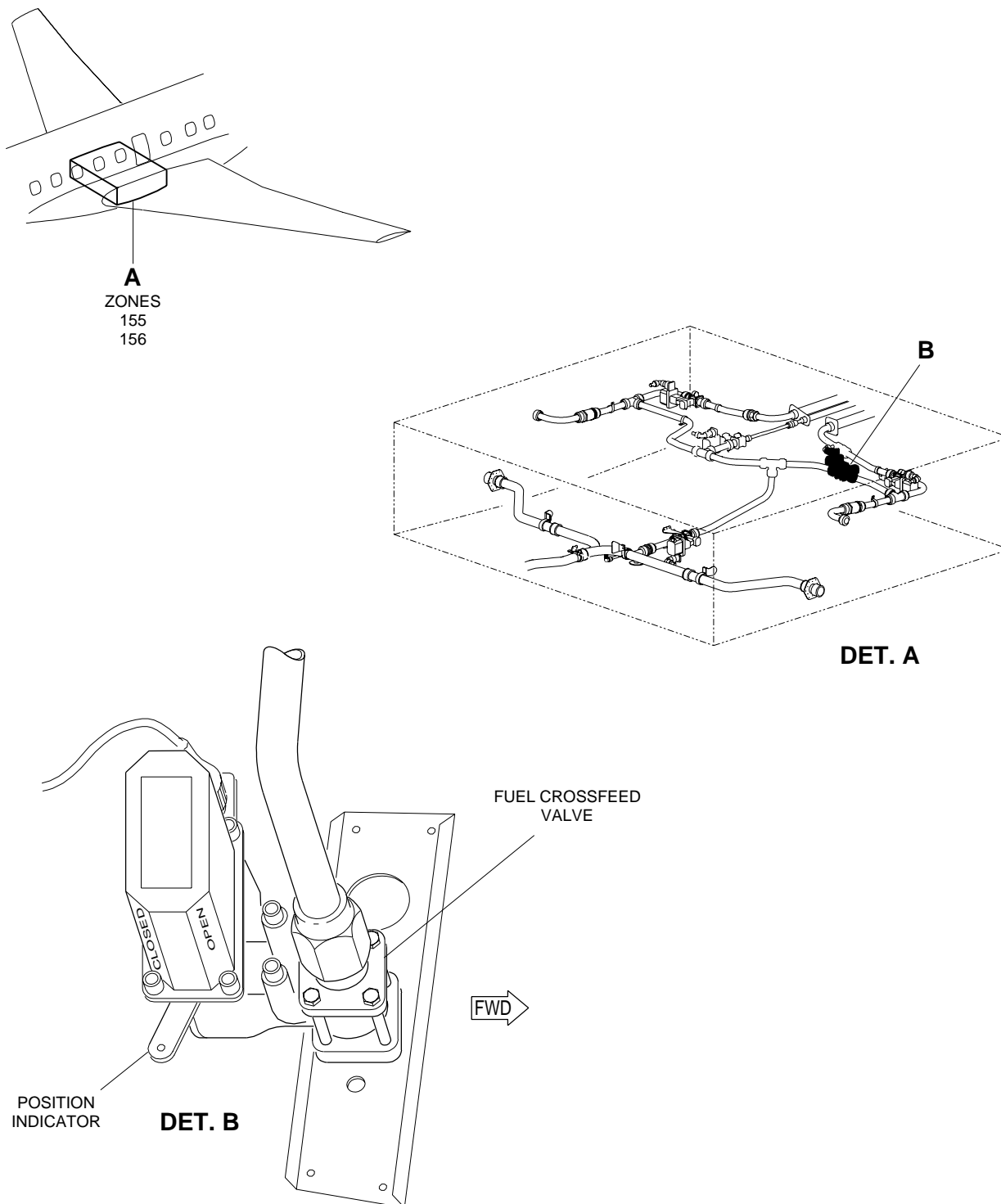
NOTE: The inspection of fuel quantity indication harness is a part of Critical Design Configuration Control Limitations (CDCCL) in the Airworthiness Limitations of the Maintenance Review Board Report (MRB).

(3) Install access panel 192AL (AMM MPP 06-41-01/100 and [AMM MPP 28-11-01/400](#)).

EFFECTIVITY: ACFT WITH DRY WINGSTUB

Fuel Crossfeed Valve - Controls/Indication - Component Locations

Figure 503



145AMM280014.MCE B