



### PRIORITY VALVE - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

#### 1. General

- A. This section gives the procedures to remove/install the priority valve.
- B. You can get access to the priority valve through access panel 192AL (AMM MPP 06-41-01/100).
- C. 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
29-10-13-000-801-A	PRIORITY VALVE - REMOVAL	ALL
29-10-13-400-801-A	PRIORITY VALVE - INSTALLATION	ALL



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TASK 29-10-13-000-801-A

EFFECTIVITY: ALL

2. PRIORITY VALVE - REMOVAL

A. General

- (1) This task gives the procedures to remove the priority valve.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM TASK 29-10-00-860-802-A/200	HYDRAULIC SYSTEM - PRESSURIZATION WITH EMDP

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
192	192AL	Wing stub

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Rubber Gloves, Phosphate Ester-Base, Fluid-Resistant	Protection for the hands	1
Commercially available	Rubber Goggles, Phosphate Ester-Base, Fluid-Resistant	Protection for the eyes	1

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Wing stub

I. Preparation

SUBTASK 841-002-A

- (1) On the circuit breaker panel, open the ELEC PUMP 1 circuit breaker and attach a DO-NOT-CLOSE tag to it.
- (2) Depressurize the related hydraulic system ( [AMM TASK 29-10-00-860-802-A/200](#)).
- (3) Remove access panel 192AL (AMM MPP 06-41-01/100).



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

SUBTASK 020-002-A

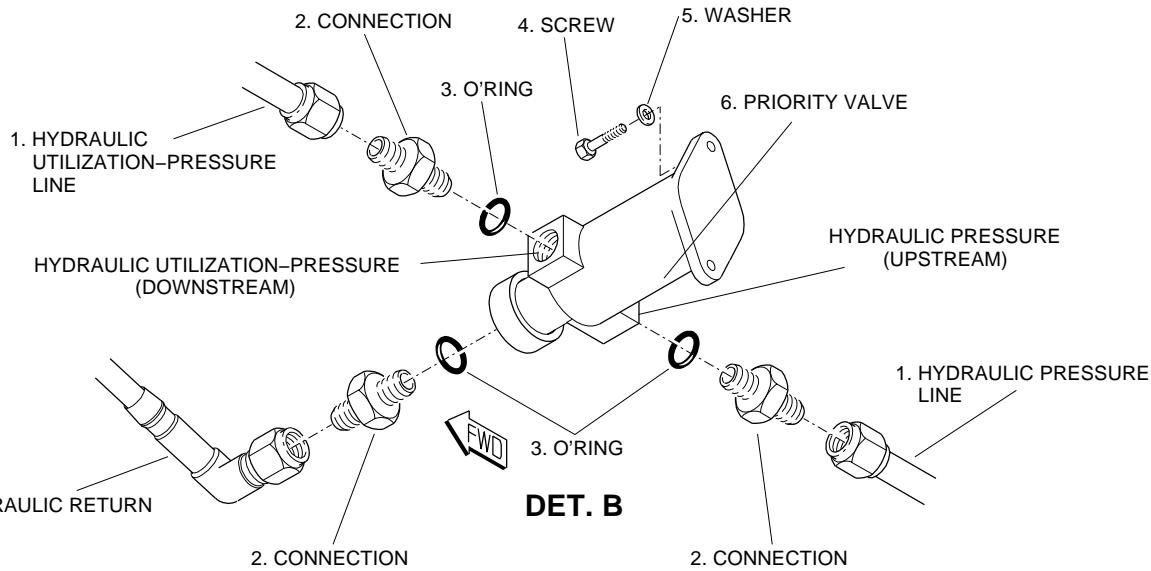
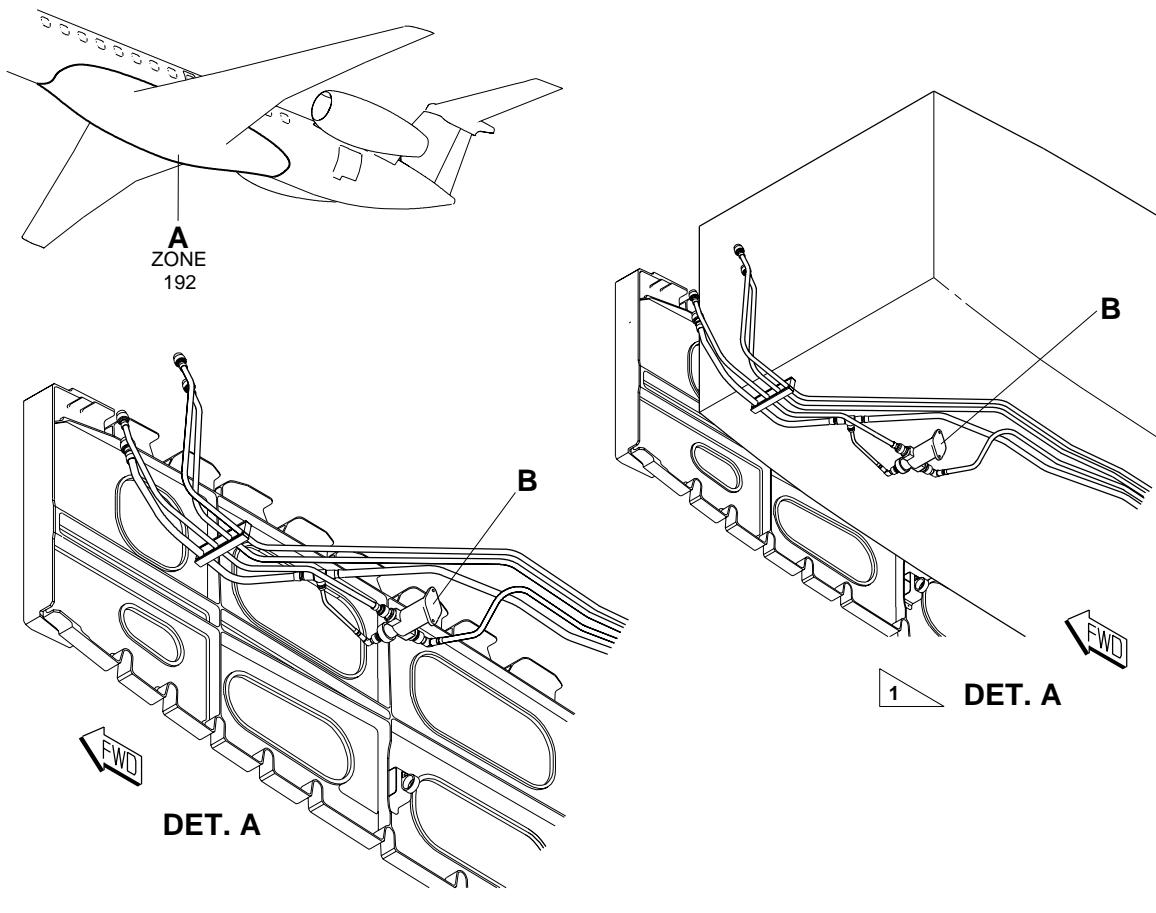
**WARNING:** THE HYDRAULIC SYSTEM CONTAINS PHOSPHATE-ESTER HYDRAULIC FLUID. THE FLUID CAN CAUSE IRRITATION IN YOUR SKIN OR INJURY TO YOUR EYES. USE THE APPLICABLE GOGGLES AND RUBBER GLOVES. IF THE FLUID TOUCHES YOU, FLUSH YOUR SKIN WITH WATER. IF IT GETS IN YOUR EYES, FLUSH THEM WITH WATER AND GET MEDICAL HELP.

- (1) Disconnect the hydraulic lines (1).
- (2) Remove the connections (2) with the related O-rings (3).
- (3) Discard the O-rings (3) removed in step (2).
- (4) Remove the screws (4) and washers (5).
- (5) Remove the priority valve (6).

**EFFECTIVITY: ALL**

Priority Valve - Removal/Installation

Figure 401



**1** APPLICABLE ONLY TO LONG RANGE.

**EM145AMM290061C.DGN**



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TASK 29-10-13-400-801-A

EFFECTIVITY: ALL

3. PRIORITY VALVE - INSTALLATION

## A. General

(1) This task gives the procedures to install the priority valve.

## B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM TASK 28-41-00-200-801-A/600	-
AMM TASK 29-10-00-860-801-A/200	HYDRAULIC SYSTEM - PRESSURIZATION WITH HTS
AMM TASK 29-10-00-860-803-A/200	HYDRAULIC SYSTEM - BLEED OF AIR
AMM TASK 29-10-13-700-801-A/500	PRIORITY VALVE - FUNCTIONAL CHECK
IPC 29-10-13	PRIORITY VALVE

## C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
192	192AL	Wing stub

## D. Tools and Equipment

Not Applicable

## E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Rubber Gloves, Phosphate Ester-Base, Fluid-Resistant	Protection for the hands	1
Commercially available	Rubber Goggles, Phosphate Ester-Base, Fluid-Resistant	Protection for the eyes	1

## F. Consumable Materials

Not Applicable

## G. Expendable Parts

ITEM	IPC REFERENCE (VENDOR REFERENCE)	QTY
O-ring	IPC 29-10-13	3/LRU

## H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Wing stub



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I. Installation (Figure 401)

SUBTASK 420-002-A

NOTE: Make sure that you install the priority valve correctly, with the pressure line upstream and the utilization line downstream. Refer to (Figure 401).

- (1) Put the priority valve (6) on the support.
- (2) Install the washers (5) and screws (4).
- (3) Install the connections (2) with the related new O-rings (3) to the priority valve (6).
- (4) Connect the hydraulic lines (1).

J. Follow-on

SUBTASK 842-002-A

- (1) On the circuit breaker panel, close the ELEC PUMP 1 circuit breaker and remove the DO-NOT-CLOSE tag from it.
- (2) Pressurize the related hydraulic system ([AMM TASK 29-10-00-860-801-A/200](#)) and make sure that there are no leaks in the priority valve.
- (3) Do the bleed of air from the hydraulic system lines ([AMM TASK 29-10-00-860-803-A/200](#)).
- (4) Do the functional check of the priority valve ([AMM TASK 29-10-13-700-801-A/500](#)).
- (5) 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 (Section 6) of the Maintenance Review Board Report (MRB).

- (6) Install access panel 192AL (AMM MPP 06-41-01/100).