

RUDDER PEDAL ACTUATOR - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove and install the pedal actuators of the pedal assemblies of the rudder control system.
- B. These procedures are applicable to the pedal actuators of the LH and RH pedal assemblies.
- 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
27-21-07-000-801-A	PEDAL ACTUATOR - REMOVAL	ALL
27-21-07-400-801-A	PEDAL ACTUATOR - INSTALLATION	ALL

TASK 27-21-07-000-801-A

EFFECTIVITY: ALL

2. PEDAL ACTUATOR - REMOVAL

A. General

- (1) This procedure gives the instructions to remove the pedal actuator of the pedal assembly of the rudder control system.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-02/100	-
AMM TASK 25-12-06-000-801-A/400	PEDAL ASSEMBLY LINING - REMOVAL

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
123		Below the cockpit floor
124		Below the cockpit floor

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	Helps the other technician	Below the cockpit floor

I. Preparation

SUBTASK 841-002-A

- (1) Remove cockpit underfloor access hatch123BL (AMM MPP 06-41-02/100).
- (2) Remove Pedal Assembly Lining ([AMM TASK 25-12-06-000-801-A/400](#)).

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

SUBTASK 020-002-A

- (1) Disconnect the electrical connector (4).

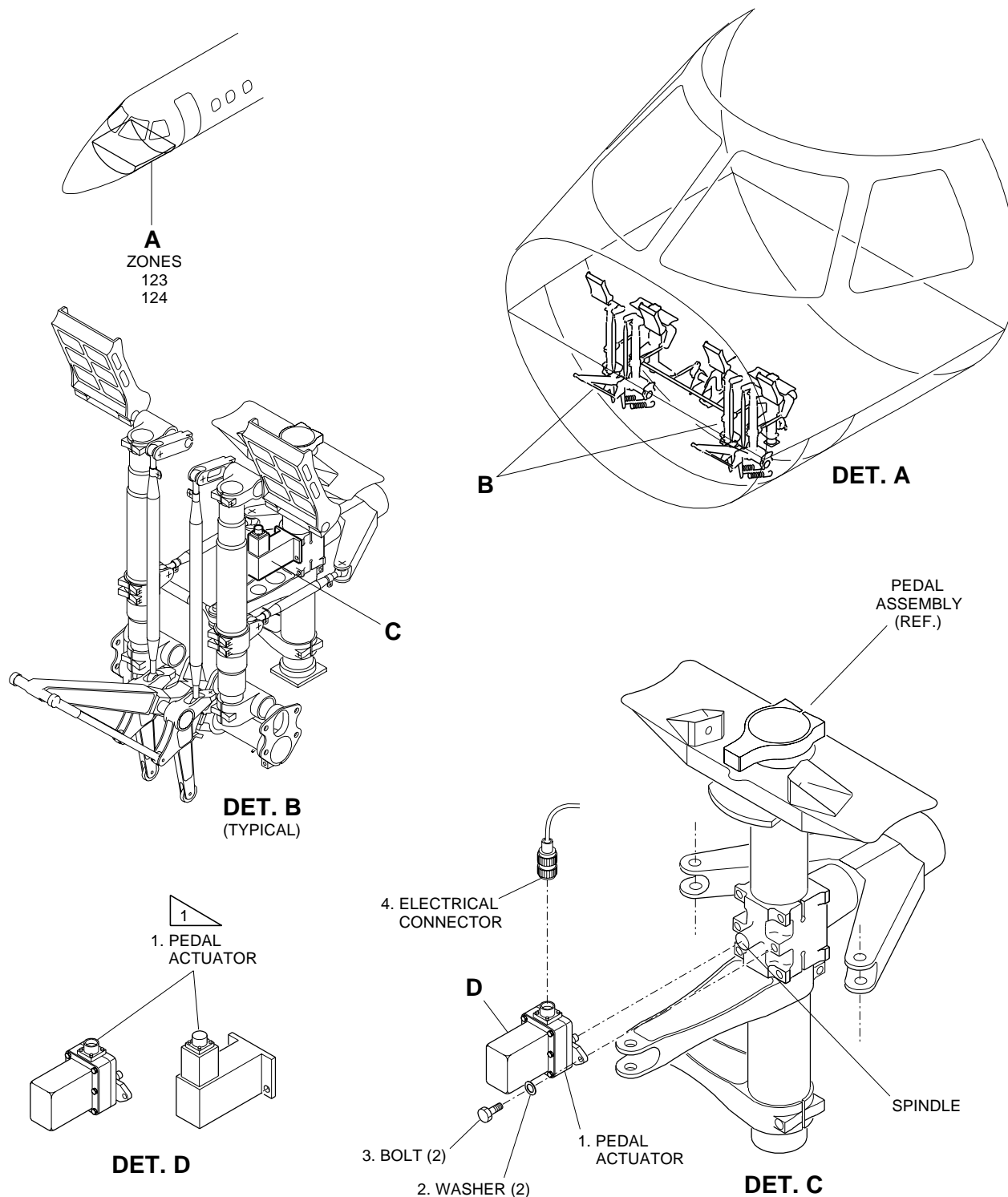


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- (2) Remove the bolts (3) and washers (2) (2 positions).
 - (3) Remove the pedal actuator (1).

EFFECTIVITY: ALL

Pedal Actuator - Removal/Installation

Figure 401



1 THE TWO MODELS ARE INTERCHANGEABLE.

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TASK 27-21-07-400-801-A
EFFECTIVITY: ALL

3. PEDAL ACTUATOR - INSTALLATION

A. General

- (1) This procedure gives the instructions to install the pedal actuator of the pedal assembly of the rudder control system.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-02/100	-
AMM TASK 25-12-06-400-801-A/400	PEDAL ASSEMBLY LINING - INSTALLATION

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
123		Below the cockpit floor
124		Below the cockpit floor

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	Helps the other technician	Below the cockpit floor

I. Installation (Figure 401)

SUBTASK 420-002-A

- (1) Manually turn the spindle of the pedal assembly and the rotating device of the pedal actuator (1) clockwise or counterclockwise until they reach their full positions.

NOTE: The spindle and the rotating device must be turned to the same direction.

- (2) Put the pedal actuator (1) in its installation position.

- (3) Install the bolts (3) and washers (2) (2 positions).

- (4) Connect the electrical connector (4).

J. Follow-on

SUBTASK 842-002-A

- (1) Do an operational check of the pedal regulation system as follows:
 - (a) Set the PEDALS ADJ switch to the FWD position.
 - 1 Make sure that the rudder pedals go to the fully FWD position.
 - (b) Set the PEDALS ADJ switch to the AFT position.
 - 1 Make sure that the rudder pedals go to the fully AFT position.
- (2) Install Pedal Assembly Lining ([AMM TASK 25-12-06-400-801-A/400](#)).
- (3) Install control rigging door 123BL (AMM MPP 06-41-02/100).