



AIRCRAFT MAINTENANCE MANUAL

ELECTRIC PULSE/LATCHING ON-OFF VALVE - REMOVAL/INSTALLATION

EFFECTIVITY: AIRCRAFT FOR 16 PASSENGERS

1. General

- A. This section gives the procedures to remove/install the Electric Pulse/Latching On-Off Valves.
- B. The Electric Pulse/Latching On-Off Valves are installed in the closeout panel beside the passenger oxygen cylinder(s).
- 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
35-20-10-000-801-A	ELECTRIC PULSE/LATCHING ON-OFF VALVES - REMOVAL	AIRCRAFT FOR 16 PASSENGERS
35-20-10-400-801-A	ELECTRIC PULSE/LATCHING ON-OFF VALVES - INSTALLATION	AIRCRAFT FOR 16 PASSENGERS



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TASK 35-20-10-000-801-A

EFFECTIVITY: AIRCRAFT FOR 16 PASSENGERS

2. ELECTRIC PULSE/LATCHING ON-OFF VALVES - REMOVAL

A. General

- (1) This task gives the procedures to remove the electric pulse/latching on-off valves.

B. References

REFERENCE	DESIGNATION
AMM TASK 25-26-02-000-802-A/400	-
AMM TASK 35-10-00-910-801-A/200	-
AMM TASK 35-10-00-910-803-A/200	-

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
1	Plastic caps	Protection of fittings	AR

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Passenger cabin

I. Preparation

SUBTASK 841-004-A

- (1) Obey the safety precautions (AMM TASK 35-10-00-910-801-A/200) and general instructions (AMM TASK 35-10-00-910-803-A/200).
- (2) Open these circuit breakers:
 - PASS OXY DEPLOY 1 (location tip: ESSENTIAL DC BUS 1/MISCELLANEOUS).
 - PASS OXY DEPLOY 2 (location tip: ESSENTIAL DC BUS 2).
- (3) Remove the closeout panel (AMM TASK 25-26-02-000-802-A/400).
- (4) Close the cylinder pressure regulator (1).



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

SUBTASK 020-004-A

(1) Remove the electrical connector (7).

(2) Loosen the hose fitting (2) and the tube fitting (5).

NOTE: A small quantity of oxygen can flow out when you disconnect the tube fittings.

(3) Remove the screws (4), washers (3) and spacers (6) from the electric pulse/latching on-off valves (8).

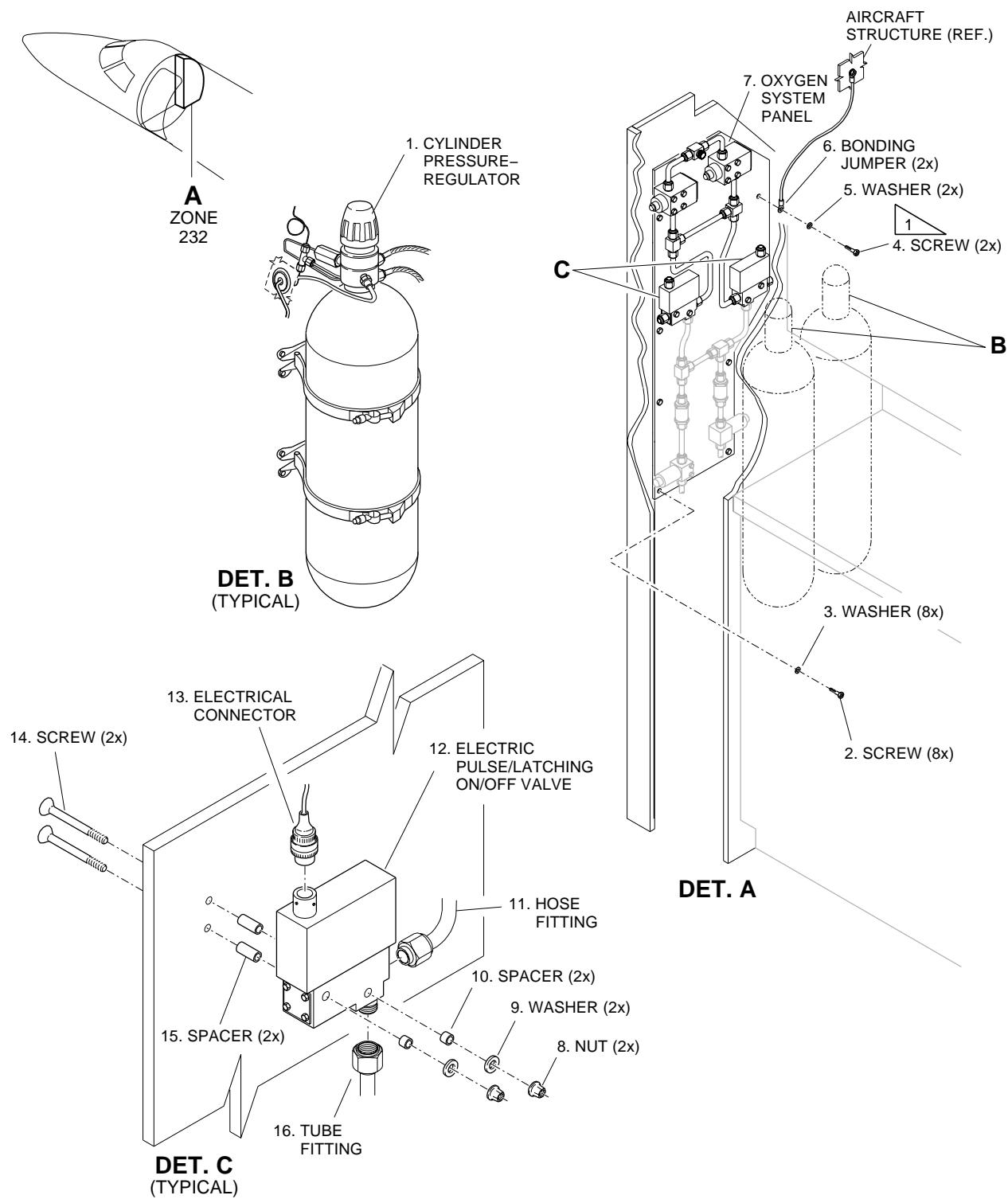
(4) Remove electric pulse/latching on-off valves (8).

(5) Install the plastic caps on the fittings.

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Electric Pulse/Latching On-Off Valves - Removal/Installation

Figure 401



 1 ELECTRICAL BONDING (METHOD 7).

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TASK 35-20-10-400-801-A

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3. ELECTRIC PULSE/LATCHING ON-OFF VALVES - INSTALLATION

A. General

- (1) This task gives the procedures to install the electric pulse/latching on-off valves.

B. References

REFERENCE	DESIGNATION
AMM TASK 12-14-00-600-801-A/300	-
AMM TASK 25-26-02-400-802-A/400	-
AMM TASK 35-10-00-910-801-A/200	-
AMM TASK 35-10-00-910-803-A/200	-
AMM TASK 35-10-00-910-805-A/200	-

C. Zones and Accesses

Not Applicable

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	Passenger cabin

I. Installation (Figure 401)

SUBTASK 420-004-A

- (1) Obey the safety precautions (AMM TASK 35-10-00-910-801-A/200) and general instructions (AMM TASK 35-10-00-910-803-A/200).
- (2) Remove the plastic caps from the fittings.
- (3) Position spacers (6) on the electric pulse/latching on-off valves (8).
- (4) Install electric pulse/latching on-off valves (8), washers (3) and screws (4).
- (5) Install the tube fitting (5) and hose fitting (2).
- (6) Install the electrical connector (7).



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J. Follow-on

SUBTASK 842-004-A

- (1) Open the cylinders pressure regulator (1).
- (2) Do a check for leaks at the fittings you worked on (AMM TASK 35-10-00-910-805-A/200).
- (3) Install the closeout panel (AMM TASK 25-26-02-400-802-A/400).
- (4) Close the PASS OXY DEPLOY 1 and PASS OXY DEPLOY 2 circuit breakers.
- (5) Check oxygen system, fill it if necessary (AMM TASK 12-14-00-600-801-A/300).