

## LOW PRESSURE SWITCH - REMOVAL/INSTALLATION

*EFFECTIVITY: AIRCRAFT FOR 16 PASSENGERS*

### 1. General

- A. This section gives the procedures to remove/install the low pressure switch.
- 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
35-11-04-000-801-A	LOW PRESSURE SWITCH - REMOVAL	AIRCRAFT FOR 16 PASSENGERS
35-11-04-400-801-A	LOW PRESSURE SWITCH - INSTALLATION	AIRCRAFT FOR 16 PASSENGERS

TASK 35-11-04-000-801-A

*EFFECTIVITY: AIRCRAFT FOR 16 PASSENGERS*

## 2. LOW PRESSURE SWITCH - REMOVAL

### A. General

- (1) This task gives the procedure to remove the low pressure switch.
- (2) The low pressure switch is installed to the low pressure line.

### 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

ZONE	PANEL/DOOR	LOCATION
232	-	Closeout panel

### 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).

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

*SUBTASK 020-004-A*

(1) Remove the electrical connector (3).

(2) Loosen the hose fitting (2) and tube fitting (4).

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

(3) Remove the screws (8), the spacers (6) and washers (7).

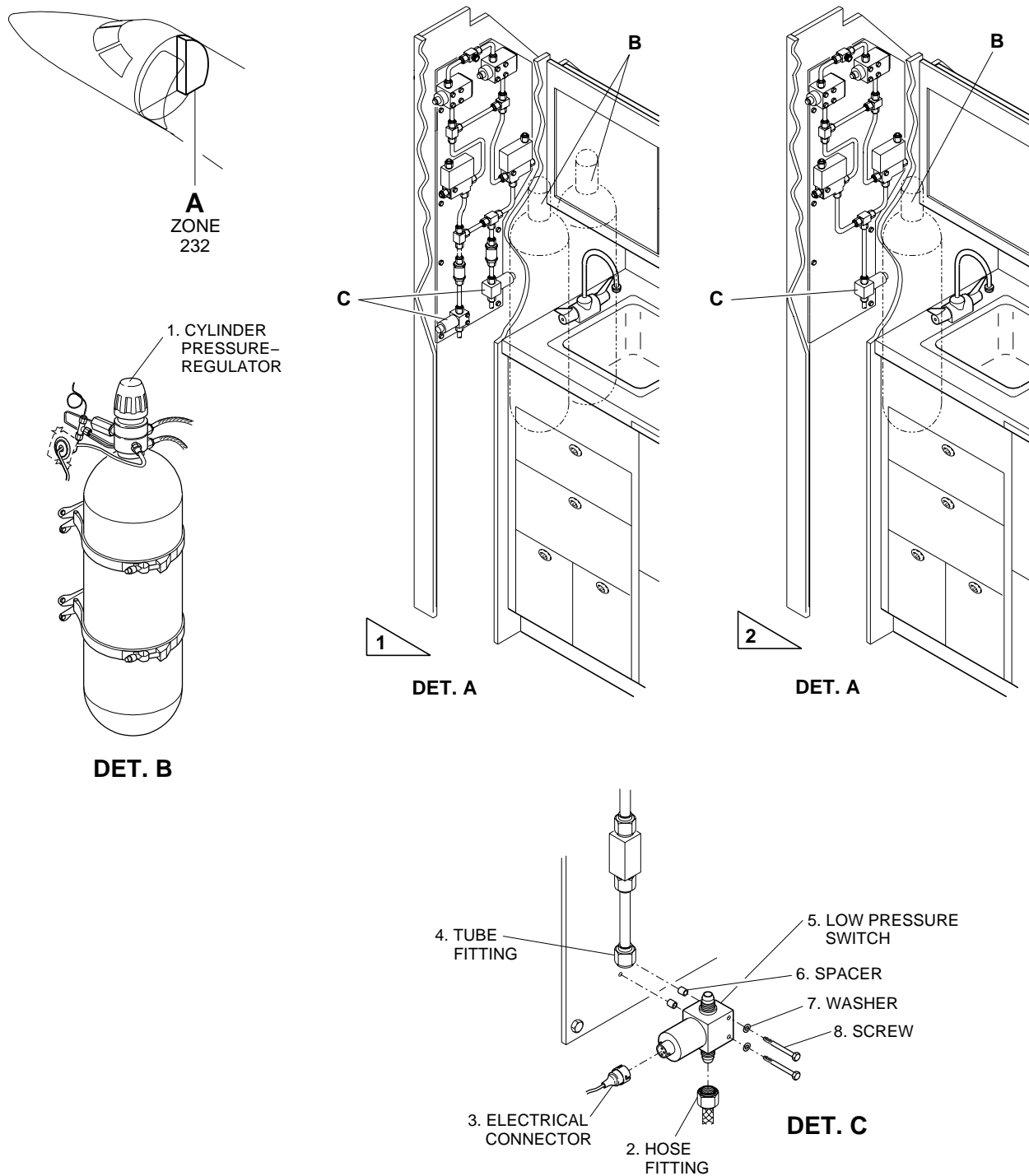
(4) Remove the low pressure switch (5).

(5) Install plastic caps on the open fittings.

EFFECTIVITY: AIRCRAFT FOR 16 PASSENGERS

Low Pressure Switch - Removal/Installation

Figure 401



AIRCRAFT WITH TWO PASSENGER OXYGEN CYLINDER



AIRCRAFT WITH ONE PASSENGER OXYGEN CYLINDER

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TASK 35-11-04-400-801-A

EFFECTIVITY: AIRCRAFT FOR 16 PASSENGERS

### 3. LOW PRESSURE SWITCH - INSTALLATION

#### A. General

- (1) This task gives the procedure to install the low pressure switch.
- (2) The low pressure switch is installed to the low pressure line.

#### 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

ZONE	PANEL/DOOR	LOCATION
232	-	Closeout panel

#### D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Torque wrench (Range: 0-100 lb.in)	To tighten the attachment screws	

#### 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 low pressure switch (5) with spacers (6) on the oxygen panel and install screws (8) and washers (7). Apply a torque of 2.8 N.m to 3.4 N.m (25 lb.in to 30 lb.in).
- (4) Install the tube fitting (4) and hose fitting (2) on the low pressure switch (5).
- (5) Install the electrical connector (3) on the low pressure switch (5).

J. Follow-on

*SUBTASK 842-004-A*

- (1) Open the cylinder 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 the oxygen system pressure. If necessary, fill it (AMM TASK 12-14-00-600-801-A/300).