

PASSENGER OXYGEN CYLINDER - REMOVAL/INSTALLATION

EFFECTIVITY: AIRCRAFT FOR 16 PASSENGERS

1. General

- A. This section gives the procedure to remove/install the passenger oxygen cylinder.
- 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
35-20-08-000-801-A	PASSENGER OXYGEN CYLINDER - REMOVAL	AIRCRAFT FOR 16 PASSENGERS
35-20-08-400-801-A	PASSENGER OXYGEN CYLINDER - INSTALLATION	AIRCRAFT FOR 16 PASSENGERS

TASK 35-20-08-000-801-A

EFFECTIVITY: AIRCRAFT FOR 16 PASSENGERS

2. PASSENGER OXYGEN CYLINDER - REMOVAL

A. General

- (1) This task gives the procedures to remove the passenger oxygen cylinder.
- (2) The passenger oxygen cylinder is installed in the forward passenger cabin.

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
Commercially available	Plastic caps	To close disconnected 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 [\(Figure 401\)](#)

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 (5).

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

SUBTASK 020-004-A

- (1) Remove the screws (6) from the board (7).
- (2) Disconnect all the oxygen line fittings (2) from the cylinder pressure regulator (5).

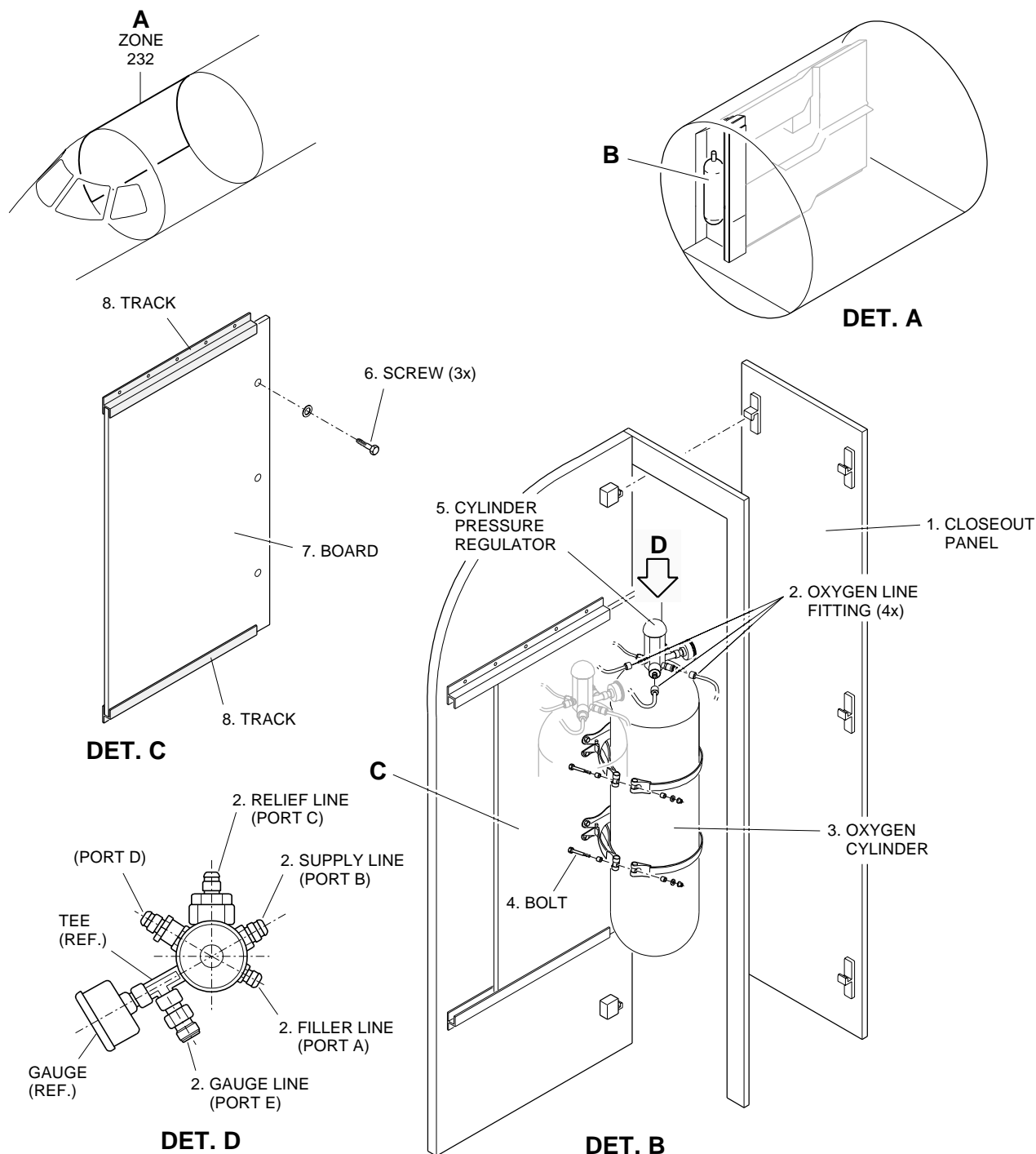
NOTE: A small quantity of oxygen can flow out when you disconnect the oxygen line fittings.

- (3) Install plastic caps to the open fittings.
- (4) Pull the board (7), with the passenger oxygen cylinder (3), out of the tracks (8).
- (5) Remove the mounting bracket bolts (4).
- (6) Remove the passenger oxygen cylinder (3).

EFFECTIVITY: AIRCRAFT FOR 16 PASSENGERS

Passenger Oxygen Cylinder - Removal/Installation

Figure 401



LEGENDS:

PORT A: FILLER VALVE PORT
 PORT B: LOW PRESSURE OXYGEN SUPPLY PORT
 PORT C: HIGH PRESSURE RELIEF VALVE PORT (BURST DISK)
 PORT D: SAFETY OUTLET PORT (LOW PRESSURE RELIEF)
 PORT E: HIGH PRESSURE PORT (REMOTE GAUGE, PRESSURE TRANSDUCER)

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TASK 35-20-08-400-801-A

EFFECTIVITY: AIRCRAFT FOR 16 PASSENGERS

3. PASSENGER OXYGEN CYLINDER - INSTALLATION

A. General

- (1) This task gives the procedures to install the passenger oxygen cylinder.
- (2) The passenger oxygen cylinder is installed in the forward passenger cabinet.

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

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Plastic caps	To close disconnected 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. 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) Put the passenger oxygen cylinder (3) on the board (7) and install the mounting bracket bolts (4).

- (3) Put the board (7), with the passenger oxygen cylinder (3), on the tracks (8).
- (4) Remove the plastic caps from the fittings.
- (5) Connect all the oxygen line fittings (2) on the oxygen cylinder regulator(s) (5).

NOTE: Refer to Table 201 of the AMM TASK 35-10-00-910-805-A/200 for the torque ranges.

J. Follow-on

SUBTASK 842-004-A

- (1) Open the cylinder pressure regulator (5).
- (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).