



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

OXYGEN SEQUENCE REGULATOR - REMOVAL/INSTALLATION

EFFECTIVITY: AIRCRAFT FOR 16 PASSENGERS

1. General

- A. This section gives the procedures to remove/install the Oxygen Sequence Regulators.
- B. The Oxygen Sequence Regulators are installed in the closeout panel beside the passenger oxygen cylinders.
- 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
35-20-11-000-801-A	OXYGEN SEQUENCE REGULATORS - REMOVAL	AIRCRAFT FOR 16 PASSENGERS
35-20-11-400-801-A	OXYGEN SEQUENCE REGULATORS - INSTALLATION	AIRCRAFT FOR 16 PASSENGERS



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TASK 35-20-11-000-801-A

EFFECTIVITY: AIRCRAFT FOR 16 PASSENGERS

2. OXYGEN SEQUENCE REGULATORS - REMOVAL

A. General

- (1) This task gives the procedures to remove the oxygen sequence regulators.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-04/100	-
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	232AZ	Passenger cabin

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 the PASS OXYGEN DEPLOY 1 and PASS OXYGEN DEPLOY 2 circuit breakers.
- (3) Remove access panel 232AZ (AMM MPP 06-41-04/100).



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

SUBTASK 020-004-A

- (1) Close the cylinder pressure regulators (1). Refer to DET. B, [Figure 401](#).

- (2) Disconnect the tube fittings (2 and 5). Refer to DET. A, [Figure 401](#).

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

- (3) Disconnect the connectors (3 and 4).

- (4) Remove the screws (6) and washers (7) that attach the plate to the cockpit partition.

- (5) Carefully remove the plate. Refer to DET. C, [Figure 401](#).

- (6) Disconnect the fittings (9) from the oxygen sequence regulators (8). Refer to DET. D, [Figure 401](#).

- (7) Remove screws (10) from the oxygen sequence regulators (8).

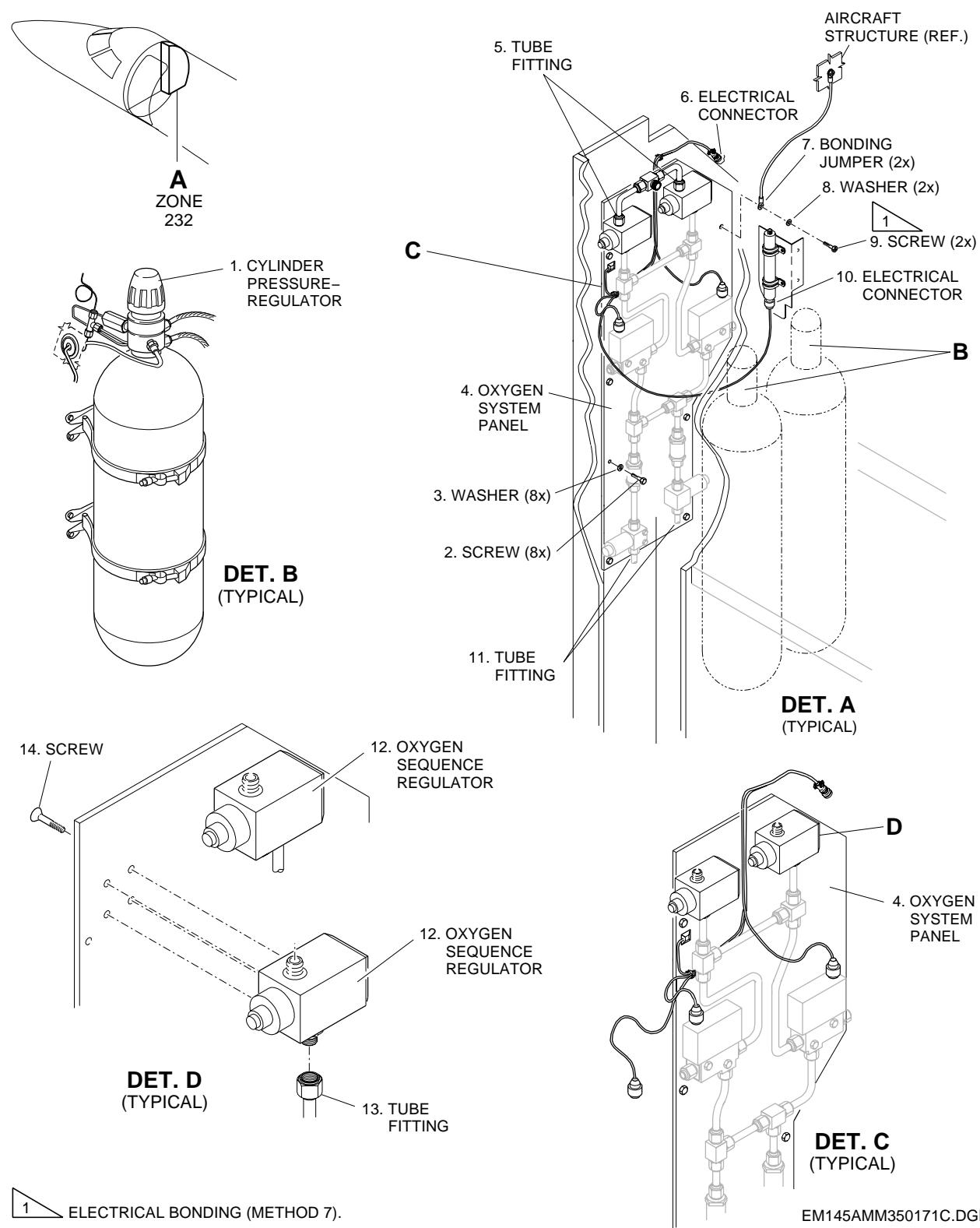
- (8) Remove the oxygen sequence regulators (8).

- (9) Install the plastic caps on the fittings (2, 5 and 9).

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Oxygen Sequence Regulators - Removal/Installation

Figure 401



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TASK 35-20-11-400-801-A

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3. OXYGEN SEQUENCE REGULATORS - INSTALLATION

A. General

- (1) This task gives the procedure to install the oxygen sequence regulators.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-04/100	-
AMM TASK 12-14-00-600-801-A/300	-
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	232AZ	Passenger cabin

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 on the fittings (2, 5 and 9).
- (3) Install the oxygen sequence regulators (8) with the screws (10). Refer to DET. D, (Figure 401).
- (4) Install the fittings (9) on the oxygen sequence regulators (8).



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- (5) Carefully install the plate with screws (6) and washers (7). Refer to DET. A, (Figure 401).

- NOTE: • Do the electrical bonding procedure, method 7, to install the harness to the plate (TASK 20-13-21-910-801-A).
• Do the electrical bonding protection (TASK 20-13-21-910-802-A).

- (6) Install the tube fittings (2 and 5). Refer to DET. A, (Figure 401).

- (7) Connect the connectors (3 and 4).

- (8) Open the cylinder pressure regulators (1). Refer to DET. B, (Figure 401).

J. Follow-on

SUBTASK 842-004-A

- (1) Do a check for leaks at the fittings you worked on (AMM TASK 35-10-00-910-805-A/200).
- (2) Install access panel 232AZ (AMM MPP 06-41-04/100).
- (3) Close the PASS OXYGEN DEPLOY 1 and PASS OXYGEN DEPLOY 2 circuit breakers.
- (4) Check oxygen system, fill it if necessary (AMM TASK 12-14-00-600-801-A/300).