

## OXYGEN FILLER VALVE - MAINTENANCE PRACTICES

### 1. General

- A. The oxygen filler valve is located behind a cover assembly located on the right side of the airplane at FS 309.90 on Model 208, and FS 357.90 on the 208B. The cover assembly is attached by 4-1/4 turn flush-head studs.

### 2. Oxygen Filler Valve Removal/Installation

**WARNING: Disconnect the high-pressure line from the regulator before attempting any service procedure on the high-pressure side of the system (indicating or filler valve).**

- A. Remove Oxygen Filler Valve (Refer to Figure 201).

- (1) Remove aft baggage partition to gain access to filler valve assembly.
- (2) Loosen line assembly (11) from filler valve body (10).
- (3) Unscrew filler valve from body filler valve end (5).
- (4) Remove sleeve assembly (8) from filler valve end (5).
- (5) Remove O-rings (12) and (13) from sleeve assembly (8).

**NOTE: The O-rings are the only field-repairable/replaceable parts of the filler valve assembly.**

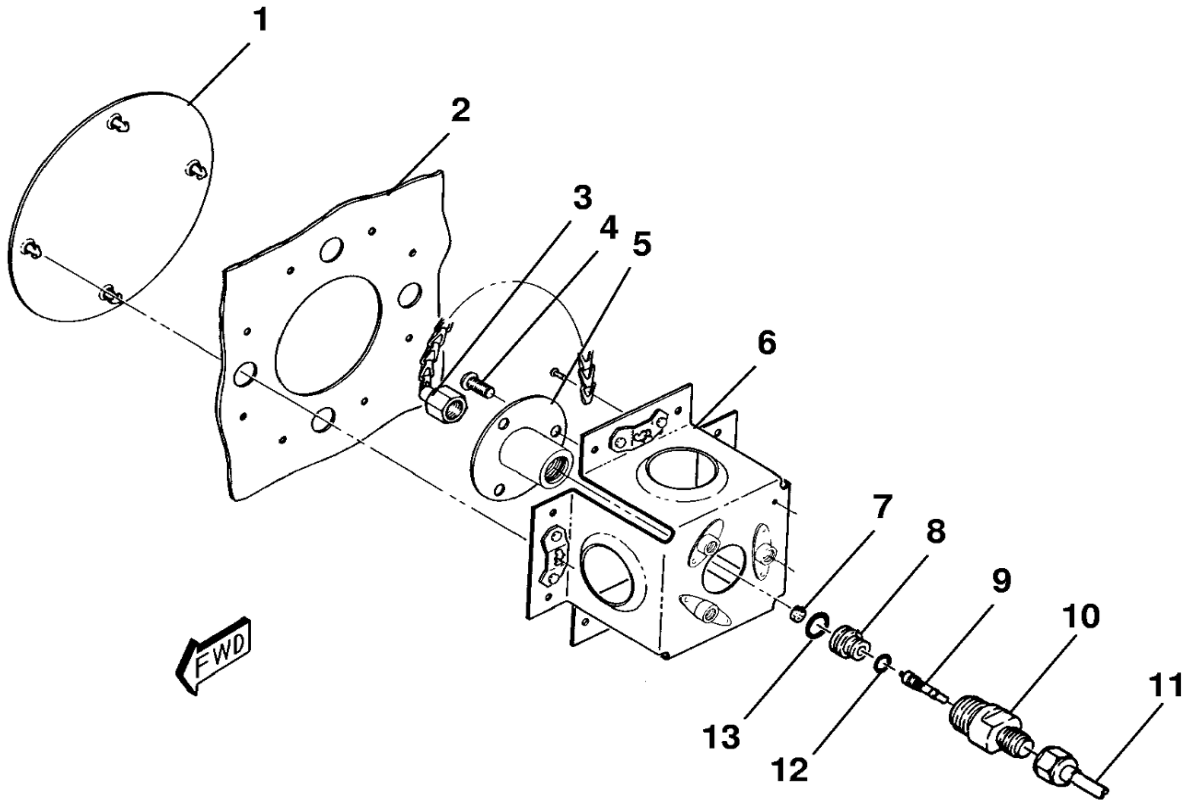
- (6) If filler valve end (5) is damaged, remove by loosening screws (4) from outside of airplane through access port.

- B. Install Oxygen Filler Valve (Refer to Figure 201).

- (1) Install O-rings (12) and (13) on sleeve assembly (8).
- (2) Ensure that valve core (9) is properly positioned in filler body assembly and bronze filter (7) is positioned in sleeve assembly (8).
- (3) Screw filler valve assembly into filler valve end (5).
- (4) Attach line assembly (11) to filler valve body (10).
- (5) Test for leaks.
- (6) Reinstall aft baggage partition.

Figure 201 : Sheet 1 : Oxygen Filler Valve Installation

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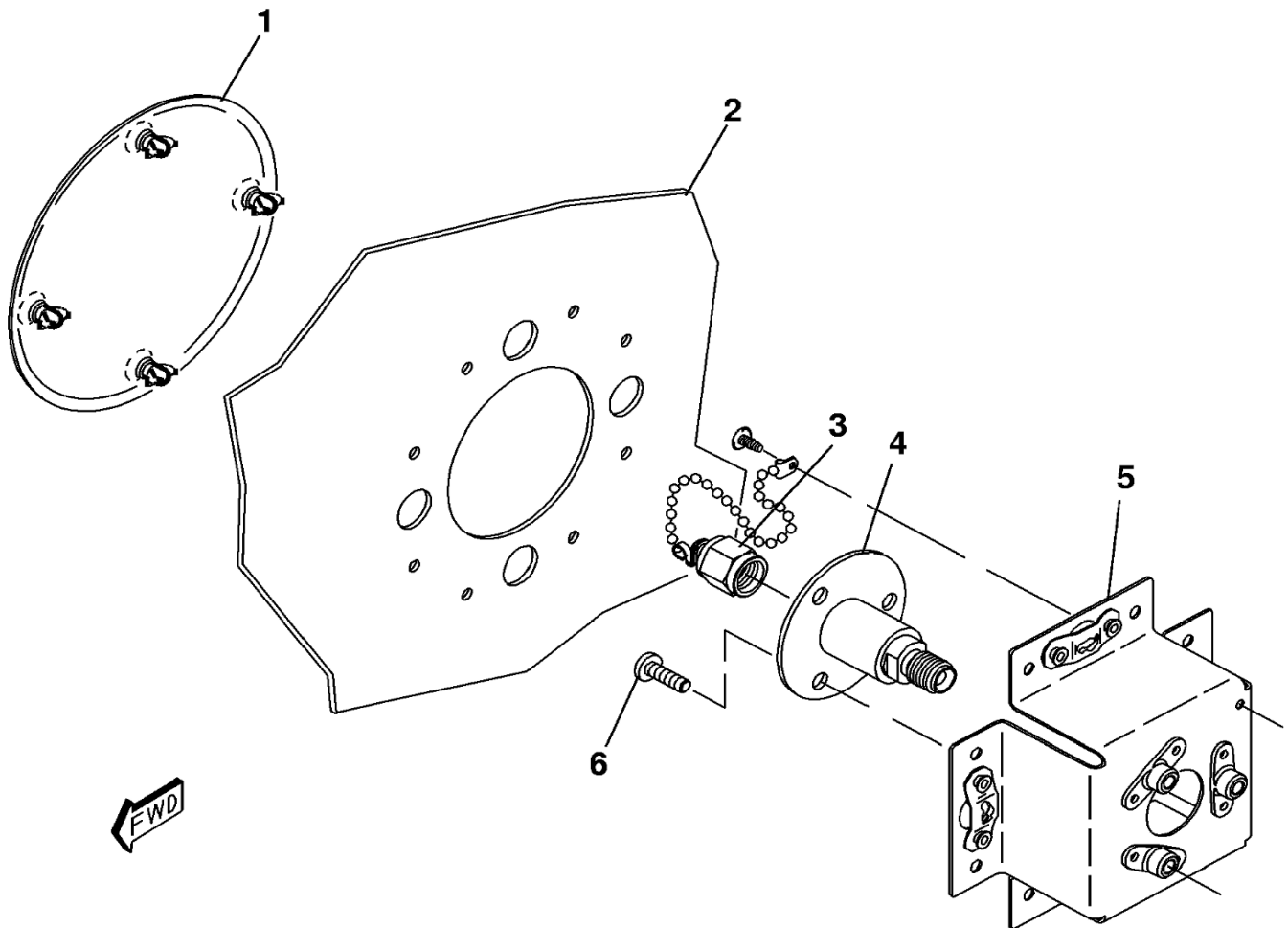


1. COVER ASSEMBLY
2. SKIN
3. CAP AND CHAIN ASSEMBLY
4. SCREW
5. FILLER VALVE
6. BRACKET ASSEMBLY
7. BRONZE FILTER
8. SLEEVE ASSEMBLY
9. VALVE CORE
10. FILLER VALVE BODY
11. HIGH-PRESSURE LINE
12. O-RING
13. O-RING

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Figure 201 : Sheet 2 : Oxygen Filler Valve Installation

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1. COVER ASSEMBLY
2. SKIN
3. CAP AND CHAIN ASSEMBLY
4. FILLER VALVE
5. BRACKET ASSEMBLY
6. SCREW

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