

# Rockwell service bulletin

International

No. SB-AG-6

P.O. BOX 3090 ALBANY, GEORGIA 31706-3090 PHONE 229/883-1440 FAX 229/439-9790

Service Bulletin No. SB-AG-6  
6 June 1975

## REPLACEMENT OF ENGINE OIL COOLER VALVE

MODELS AFFECTED: MODEL S-2R, SERIAL NO'S 5000R THRU 5026R.

REASON FOR PUBLICATION: TO ASSURE THAT CORRECT VALVE IS INSTALLED ON ENGINE OIL COOLER.

COMPLIANCE: UPON RECEIPT OF THIS SERVICE BULLETIN.

### NOTE

IF ANY PROBLEMS ARE ENCOUNTERED WHILE COMPLYING WITH THIS SERVICE BULLETIN, CONTACT ROCKWELL INTERNATIONAL GENERAL AVIATION DIVISION, CUSTOMER SERVICE DEPARTMENT, BETHANY, OKLAHOMA 73008.

BY WHOM WORK WILL BE ACCOMPLISHED: A & P MECHANIC.

APPROVAL: FAA DER Approved.

ESTIMATED MAN HOURS: THREE (3) HOURS.

PARTS DATA: Parts required to accomplish the modification specified by this Service Bulletin will be furnished, at no charge, by Rockwell International, General Aviation Division, Spare Sales Department, Albany Georgia 31702. Reference this Service Bulletin, aircraft model and factory serial number when ordering Service Bulletin No. SB-AG-6 Kit consisting of the following:

### NOTE

Order DV5 valve for aircraft equipped with oil cooler Part No. U-6010 with a D5 valve and order DV8 valve for aircraft equipped with oil cooler Part No. U-6010 with a D8 valve.

QTY	PART NO.	DESCRIPTION
1 ea.	DV5 (with U-3235-5 thermostat)	Oil Cooler Valve
	or	
1 ea.	DV8 (with U3236-3 thermostat)	Oil Cooler Valve

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1 ea.	60656-1	Gasket
1 ea.	60657-1	Gasket
1 ea.	No. SB-AG-6	Service Bulletin
1 ea.		Compliance Card

SPECIAL TOOLS: NONE

ACCOMPLISHMENT INSTRUCTIONS:

1. Remove upper and lower engine cowling.
2. Disconnect hoses from engine oil cooler valve and oil cooler.

**NOTE**

Plug hoses to prevent oil from spilling.

3. Remove nuts and rod attaching engine oil cooler to airplane and remove oil cooler.
4. Remove existing elbow from oil cooler valve.
5. Remove and discard existing valve, thermostat and valve gaskets from engine oil cooler (see Figure 1.).
6. Install DV5 or DV8 oil cooler valve, 60656-1 gasket and 60657-1 gasket on oil cooler using existing hardware and safety wire attaching screws with 0.032-inch diameter stainless steel safety wire (see Figure 1.).

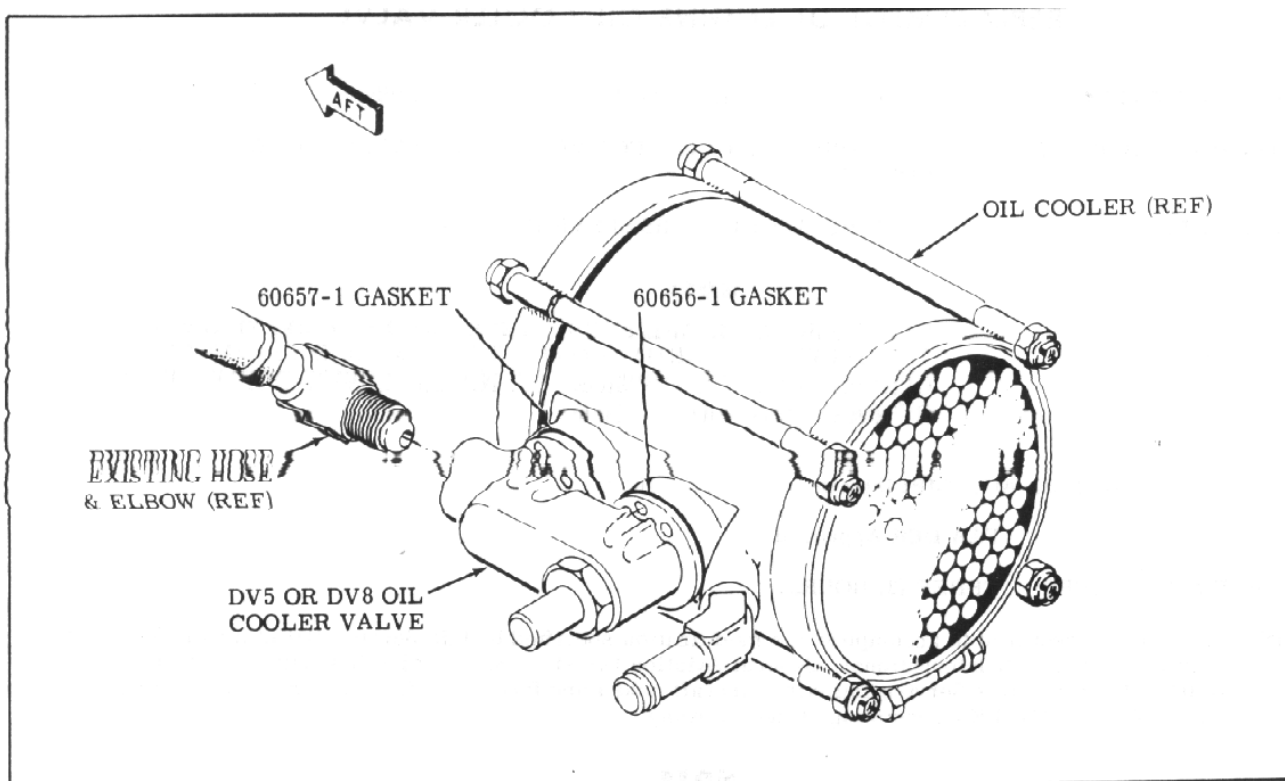


Figure 1.

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7. Reinstall existing elbow on oil cooler valve.
8. Reinstall engine oil cooler on airplane using existing hardware.
9. Reconnect hoses to oil cooler valve and oil cooler.
10. Perform engine run-up to assure there are no oil leaks.
11. Reinstall engine cowling.
12. Fill out and mail Compliance Card.

ELECTRICAL LOAD: NO CHANGE

WEIGHT AND BALANCE: NO CHANGE

PUBLICATION AFFECTED: NONE

RECORD COMPLIANCE: Make appropriate entry in airplane maintenance records as follows: Service Bulletin No. SB-AG-6, dated 6 June 1975, entitled "Replacement of engine Oil Cooler Valve", accomplished \_\_\_\_\_(dated)\_\_\_\_\_.