

Aeroquip® Brand E-Z Drain™ Sump Valve

Eaton's Aeroquip brand E-Z Drain Sump Valve makes aircraft oil changes easy. The hand-actuated valve, when attached to the oil drain port, permits aircraft engine oil changes from the ground without removal of the engine cowling.

The spring-loaded E-Z Drain valve is safe for all piston engine applications because it cannot be accidentally opened. Actuation of the valve requires a combination push-twist motion. It also contains a dual seal arrangement which combines both an O-ring and a metal-to-metal seal to prevent accidental leakage of oil through the valve. The seal used on the internal valve is replaceable with a standard AS O-ring. The accompanying hose is furnished in standard 12-inch lengths*.

The FAA has issued a Parts Manufacturing Approval to Eaton for use of the E-Z Drain Sump Valve on all of the aircraft engines listed in the below table.



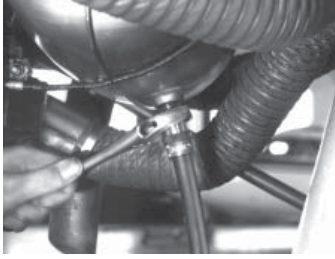
FEATURES

- Reduces oil changing time
- No need to remove engine cowl to change oil
- Easy manual operation – requires no tools
- Eliminates messy oil spills
- Built-in hose line directs old oil to container
- Spring-loaded sleeve prevents accidental oil drainage
- Dual seal feature guards against O-ring failure
- Safety wire holes provided

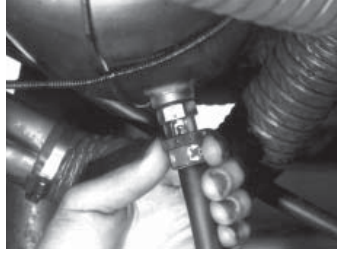


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INSTALLATION



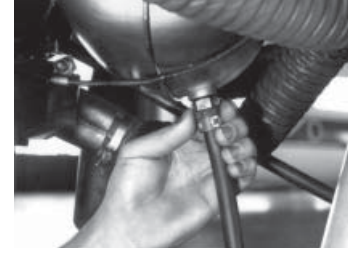
1. Simply remove the plug from the bottom of the oil sump and install the drain valve in the port. Wrench torque carefully. Safety wire valve to sump.



2. Take hold of the knurled nut and with a combination push-twist motion, open the valve.



3. Allow the oil to drain.



4. To close, twist the knurled nut. The spring-loaded valve will automatically close.

NOTE: Verify that installation of the valve does not restrict travel of retractable landing gear. Conduct retract test if necessary. Hose may be trimmed or removed.

Eaton Part Number

For use on these engine models*

AE99950G Thread Size: 5/8" - 18
O-ring: AS28775-011(valve)



Teledyne Continental	TSIO-470-B, C, D
C-90-8F, 12F, 14F	IO-520-A, B, BA, C, D, E, F, J, K, L, M
0-200-A, B	TSIO-520-B, C, D, E, G, H, J, K, L, M, N, P, R, S
GO-300-A, C, D, E	GTSIO-520-C, D, F, H, K, L, M
IO-360-A, B, C, D, G, H, J, K	C75-2
TSIO-360-A, B, C, D, E, EB, F, FB, H	C85-8, -12, -12F
0-470-B, G, J, K, L, M, P, R, S, U	
0-470-4, 11, 13, 15	
IO-470-C, D, E, F, G, H, J, K, L, M, N, P, R, S, U, V, VO	

AE80664H Thread Size: 1/2" pipe
O-ring: AS28775-011(valve)



Avco-Lycoming				
0-235	0-310	LTO-360	0-435	
0-290	0-360	TIO-360	GO-435	
0-320	IO-360	VO-360	VO-435	
IO-320	LO-360	IVO-360	TVO-435	
LIO-320	AIO-360	HO-360	TIO-541	
AIO-320	AEIO-360	HIO-360	TIGO-541	
AEIO-320	TO-360	LHIO-360	IO-720	

AE80666H Thread Size: 1" - 18
O-ring: AS28775-011(valve)



Teledyne/Continental
0-300-A, B, C, D, E
C-145-2, 2H, 2HP

* Hose may be trimmed or removed