

OIL SYSTEMS

GSM 101-4 VERTICAL OIL FILTER ADAPTER KIT FOR LYCOMING ENGINES



This is an 90 degree oil filter adapter fully machined from 6061-T6 billet aluminum and anodize in black. It is similar to other adapters on the market but only weighs 17.2 oz. made of billet rather than cast aluminum.

The GSM Inc. vertical "full flow" oil filter kit is designed to offer Lycoming engine owners several advantages over the standard Lycoming oil screen or filter hardware. This kit repositions the filter in a vertical orientation, delivering two primary benefits: Optimized Installation Space

- The filter is mounted in "free" space, allowing installation in engine compartments with minimal firewall clearance—areas where only an oil screen might otherwise fit.

Improved Accessibility - The vertical orientation provides easy access for maintenance, eliminating the need for awkward hand positions or risk of injury during filter changes.

Features: • No moving parts and no required maintenance. • Compatible with Champion aviation oil filters. • Fits most Lycoming engines with dual magnetos. • Temperature probe hardware transfers directly from the OEM screen housing or filter adapter. • Fully bolt-on installation—no interference with standard engine accessories, including vacuum pad-driven alternators and baffling. • Sturdy, accessible safety wire anchor simplifies securing the filter. • Note: Always verify adapter and filter clearance within the engine compartment prior to final installation.

EXPERIMENTAL AIRCRAFT ONLY - NOT FAA APPROVED.

P/N 08-19361

GSM SPACER BLOCK KIT FOR 90 DEGREE LYCOMING OIL FILTER ADAPTERS



Spacer blocks for 90 degree oil filter adapter.

Description	Part No.	Price
Spacer Kit - .750 Thickness	08-19364	.
Spacer Kit - 1.400 Thickness	08-19365	.
Spacer Kit - 2.500 Thickness	08-19366	.

GSM 101-5 MOUNTING GASKET FOR OIL FILTER ADAPTER KIT



GSM 101-5 Mounting Gasket For Oil Filter Adapter Kit P/N 08-19367

CHRISTEN OIL SEPARATOR



Features welded aluminum construction with a textured white epoxy enamel finish. All internal parts are cadmium plated, and unit includes stainless steel positioning clamps. Normally installed on fire wall or on engine mount. Requires 2 AN842-12D or -16D hose elbows and one AN823-10D hose fitting. Wt. 2.8 lbs. installed. Applicable to all Lycoming engine applications. Used to replace a worn out or broken oil separator on

Christen 801-4 systems only P/N 08-06740

BOGERT AVIATION 180 DEGREE OIL QUICK DRAIN PROBE



Drain probe not only gives you an alternative to the high priced AVI probe but it includes some major improvements. Probe is leak proof! The AVI design could leak where it mates to the valve plunger making a mess. This design incorporates an O-ring seal around the valve body preventing leaks. The O-ring also locks the probe to the valve body. Also note the larger drain tube to speed up the oil flow and prevent restrictions. Valve NOT included, this is Probe ONLY..... P/N 12-03289

BOGERT AVIATION 90 DEGREE OIL QUICK DRAIN PROBE



This drain probe not only gives you an alternative to the high priced AVI probe but it includes some major improvements. The first big improvement is that the probe is leak proof. The AVI design could leak where it mates to the valve plunger making a mess. Incorporates

an O-ring seal around the valve body preventing leaks. The O-ring also locks the probe to the valve body. The compactness of the probe, is actually shorter than the BJ 107B making it easier to install. 09M-PRB90

Replaces: • Piper part number 481-359 • Beechcraft part number 107-B • Auto Valve Inc. AVI-BJ-107B P/N 12-03237

BOGERT AVIATION ENGINE CESSNA OIL QUICK DRAIN STC



Drain oil in wind or shop with little clean up. Saves money on clean up, solvent, labor and parts. Oil goes

into bucket without splashing or spilling. Made in the USA. Approved for: Cessna 210J through 210 R, T210J through T210R, P210H through P210R, 337 through 337H, T337B through T337H, and P337H, 310 through 310R, T310P through T310R, 320 through 320F, 340, and 340A, 401 through 401B, 402 through 402C, 404, 411, 411A, 414, 414A, and 421 through 421Cnd 421 through 421C

Description	Part No.	Price
Single Engine Kit Includes: 1 ea. 09-OQD STC Paper work 1 ea. 09-Probe 1 ea. 09-BJ107 Valve w/o-ring 1 ea. 09-AN900-10 Gasket	12-02101	.
Twin Engine Kit Includes: 1 ea. 09-OQD STC Paper work 1 ea. 09-Probe 2 ea. 09-BJ107 Valve w/o-ring 2 ea. 09-AN900-10 Gasket	12-02102	.

RAVEN INVERTED OIL SYSTEMS



The Raven Full Oil System includes a CNC machined adjustable valve. There are no extra holes to plug, you simply rotate it to where you want it. The system includes the valve, mount and clamps, as well as the air/oil separator, mount and clamps. Both the valve and separator use stainless steel internal parts and are powder coated for durability. The weight of all components is 4 ½ lbs. The Raven Half System is the breather portion of the full inverted system, it is used to perform basic positive G aerobatics where a full inverted system is not required, it will catch and return approx 95% of the oil that would normally end up overboard when performing basic maneuvers.

Description	Kit Contents	Color	Part No.	Price
Half Inverted Oil System 4"	Air/Oil Separator & Mount with Clamps & Sump Return Fitting	Black	08-15637	.
Half Inverted Oil System 4"		White	08-15638	.
Full Inverted Oil System 5"	Valve & Mount with Clamps, Air/Oil Separator & Mount with Clamps	Black	08-00796	.
Full Inverted Oil System 5"		White	08-00800	.
Full Inverted Oil System 4"		Black	08-00797	.
Full Inverted Oil System 4"		White	08-00801	.

RAVEN INVERTED SYSTEM VAC ADAPTERS



These vac adapters are machined from solid aluminum with anodized finish. Furnished with a seal installed, and complete with AN fitting and gaskets. Non-Acc'y

Vac Pad Oil P/U P/N 08-00786

RAVEN SUMP FITTING KITS



These sump fitting kits come with specialized fittings, washers, O rings needed to install the kit.

Sump kit for Horizontal screen 4 or 6 cyl. Lyc. With

Straight Fitting P/N 08-00787

With 45° Swivel P/N 08-15780