

# OIL FILTER SYSTEMS/ADAPTERS/SEPARATORS



08-00631

## TEMPEST ENGINE MOUNTED OIL FILTER ADAPTER

Tempest engine mounted oil filter adapters eliminate the need for oil screens and provide increased filtering capabilities for longer engine life. Being engine mounted with no external lines, they reduce mess during oil changes and increase the time between oil changes. STC APPROVED. **Note:** Tempest filters are included with adapters. Price listed is for one adapter each.

FM Model	Aircraft Application	Engine Application	Part No.	Price
T.A.F.-L	Cont. C-75-12 C-85-12 O-200 O-200A	Cessna 120, Cessna 140, Cessna 150, Luscombes, Taylorcrafts, Cubs <b>Note:</b> Will only for Cubs with pressure cowls (totally encloses the engine). Will not work on Cubs that cylinders stick out through the cowlings.	08-00631	---
CO-300	Cont. C-125, C-145, CO-300	Cessna 170, 172, Globe Swift, Maule	08-00632	---
C6LC-S	Cont. O-470, IO-470, IO-520	Bellanca Viking, Cessna 182, 55 series Beech Baron	08-00633*	---
C6LC-L	Cont. O-470 IO-470, IO-520	Cessna 205, 206, 207, 210, 310, Beech Bonanza & Debonair, Navion, Meyers, Twin Commander, Widgeon	08-00634	---
C6LC-11/15	Cessna L-19 "Bird Dog"	Continental Motors 0-470-11 and 0-470-15	08-01037	---
C6SC	Cessna 175, Cessna 172 Hawk XP, Maules, Cessna 337, Cessna 336, Cessna 0-2, Mooney M20-K, Piper Turbo Arrow III & IV, Piper Seneca II PA-34-200T	Continental GO-300 Series & IO-360 Series	08-01038	---

\* WILL NOT FIT AIRCRAFT WITH FLOATS

## TEMPEST OIL FILTER ADAPTER GASKETS

These Gaskets work with the Tempest Oil Filter Adapters, see your manual to ensure proper selection.

Tempest Gasket FM-02.....P/N 08-13896  
Tempest Gasket FM-29.....P/N 08-15639

## TEMPEST GASKET KIT ST07



Stratus Tool Technologies ST07 is a multi-layer gasket designed to combine the enhanced anti-leak characteristics of the FM07 fiber gasket with the resiliency and resistance to sudden rupture of the AN900-28 copper crush washer. The outer facings of this new gasket are comprised of an expanded PTFE matrix that provides better

conformance to sealing surface imperfections. The perforated stainless steel core is embedded within the ePTFE to enhance stability and increase blowout resistance .....P/N 08-17584

## AIRWOLF MINI AIR/OIL SEPARATOR



Reduce oil consumption and remove harmful water vapor with Airwolf's Walker Air/Oil Separator. The AirSep distills and recirculates crankcase oil vapor generated by normal operation, extending engine life.

The Airwolf Walker AirSeps uses a tiny amount of vacuum pump discharge air, to help condense the oil inside the AirSep, and to overcome crankcase pressure to return collected oil to the engine while the engine is running. The competitive systems are only gravity flow

so no oil returns into the engine until the engine is completely shut off. Thus, one system is large enough to clean both the engine breather oil and wet vacuum pumps discharge. It comes with a lifetime warranty on workmanship and material of all new AirSeps produced. STC'd  
MiniSep, 3/4" Inlet .....P/N 08-05887  
MiniSep, 1" Inlet .....P/N 08-07188  
MiniSep, 5/8" Inlet .....P/N 08-07189  
Wet Vacuum Pump MiniSep, 5/8" Inlet .....P/N 08-07190



## CHALLENGER FAA/PMA LIFETIME OIL FILTER SYSTEM

The filter element is made from medical grade, type 304 stainless steel micronic filter cloth providing unmatched protection against oil contamination and resultant engine damage. A rare earth magnet is installed in the top of the element for magnetic pre-filtering of the oil. The unique twist lock design allows for easy disassembly, inspection and cleaning. The quad-ring gasket doubles the seal between the filter and the engine. The filter housing is carved out of a solid piece of 6061 T6 billet aluminum with cooling fins, which not only looks good but aids in dissipating heat.

**Features:** • Cleanable and Reusable • High Flow Rate • Unique Twist Lock Design • Exteriors Fins • Unaffected by Water, Heat, or Pressure • Safety Wire Attachments 360 degrees • Environmentally Friendly.

Challenger	Replaces	Our P/N	Engine Model	Price
CP-48103C 13/16-16 Thread w/o Relief Valve	CH48103-1	08-06017	Lycoming O-320, IO320, O360, IO-360, LO-360, TO-360, HIO-360, LTO-360, LHIO-360 SERIES	---
CP-48108C 3/4-16 Thread w/o Relief Valve	CH48108-1	08-06019	Continental 6-285, IO-346, IO-360, TSIO-360, O-470, IO- 470, LIO-470, TSIO-470, IO-520, TSIO-520, GTSIO-520, LTSIO-520, IO-550 SERIES	---
CP-48109C 3/4-16 Thread w/ relief valve	CH48109-1	08-06020	Lycoming O-235, IO-320 SERIES LIO-320, AIO-3230, AEIO-320, O360, IO360, AIO-360, HIO- 360, LIO-360, TIO-360, LHIO-360, AEIO-360, O-540, IO-540, HIO-540, TIO-540, AEIO-540, LTIO-540, TIO-541, IO- 580, IO-720 SERIES	---
CP-48110C 3/4-16 Thread w/ Nipple w/o Relief Valve	CP48110-1	08-06021	Bombardier-Rotax 912 F2, 912 F3, 912 F4, 912 S2, 912 S3, 912 S4, 914 F2, 914 F3, 914 F4	---
CP-48111C 3/4-16 Thread w/ Nipple w/o Relief Valve	CH48111-1	08-06022		---
CP-9124C w/ Relief Valve	8245-706	08-07174		---



## CHALLENGER OIL FILTER ELEMENT REPLACEMENTS

The filter element is made from medical grade, type 304 stainless steel micronic filter cloth providing unmatched protection against oil contamination and resultant engine damage. A rare earth magnet is installed in the top of the element for magnetic pre-filtering of the oil. The unique twist lock design allows for easy disassembly, inspection and cleaning. The quad-ring gasket doubles the seal between the filter and the engine. The filter housing is carved out of a solid piece of 6061 T6 billet aluminum with cooling fins, which not only looks good but aids in dissipating heat.

Challenger	Application	Part No.	Price
CP-621	Challenger 48103, 48104	08-07370	---
CP-620	Challenger 48108, 48109	08-07369	---
CP-619	Challenger 48110, 48111	08-07366	---
CP-720	Challenger 9124C	08-07371	---

## CHALLENGER ACCESSORIES

Description	Part No.	Price
CP-621 48103, 48104 Element	08-07370	---
CP-620 48108, 48109 Element	08-07369	---
CP-619 48110, 48111 Element	08-07366	---
CP-720 9124C Element	08-07371	---
CP-623 Oil Filter Quad Seal Gasket	08-07186	---

## CHALLENGER STAINLESS STEEL MICRONIC OIL FILTER FOR ROTAX 912/914 ENGINES



The filter element is made from medical grade, type 304 stainless steel micronic filter cloth providing unmatched protection against oil contamination and resultant engine damage. A rare earth magnet is installed in the top of the element for magnetic pre-filtering of the oil. The unique twist lock design allows for easy disassembly, inspection and cleaning. The quad-ring gasket doubles the seal between the filter and the engine. The filter housing is carved out of a solid piece of 6061 T6 billet aluminum with cooling fins, which not only looks good but aids in dissipating heat. **Features:** • Cleanable and Reusable • High Flow Rate • Unique Twist Lock Design • Exteriors Fins • Unaffected by Water, Heat, or Pressure • Safety Wire Attachments 360 degrees • Environmentally Friendly.....P/N 08-07174