

LIFETIME SPIN-ON FUEL FILTER

“THE CLEANABLE FILTER”™
CONGRATULATIONS!

YOU HAVE PURCHASED THE MOST TECHNOLOGICALLY ADVANCED
AND ENVIRONMENTALLY FRIENDLY FUEL FILTER AVAILABLE!!

How to install your Pure Power!® Lifetime Fuel Filter™

1. Open your Pure Power! Filter and familiarize yourself with the four main pieces:
A) Stainless Steel Filter Element B) Stand-off Plate; C) Canister;
D) Mounting Flange W/Thread (AKA: Top or adapter plate)

NOTE: Shown is the fuel filter for a CAT Diesel engine. Auto gasoline engine filters have same four basic pieces only smaller. This picture is only representative. Your actual filter may be a different design or shape.



IMPORTANT NOTE:
**MAKE SURE ALL O-RINGS AND THREADS ARE WELL FUELED
BEFORE RE-ASSEMBLING.**
(DO NOT USE DIESEL FUEL.)

Pure Power! Lifetime Filters are proudly designed and manufactured in America exclusively by
Pure Power! Incorporated, a certified ISO 9001:2008 Company
17731 Sampson Lane, Huntington Beach, California 92647

Pure Power! has been awarded multiple U.S. Utility Patents and is a registered trademark owned by PPI

Pure Power! Lifetime Filters manufactures more than 30,000 applications for direct O.E. M. replacement Spin-on, Drop-in cartridge, Inline and Remote Filters for all Foreign and Domestic, Gasoline, Diesel, Bio-diesel, CNG, Propane, and other alternative engines used in autos, pickups, heavy duty trucks, marine, motorcycles, racing, mining, farming, industrial, heavy duty off-road equipment, generators, military tanks and equipment.

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2. Remove your current fuel filter; then make sure the mounting surface is clean and free of any debris or old gaskets and gasket material.
3. The mounting surface of your engine block should be flat, with no grooves for O-rings, etc. The Pure Power! Lifetime Fuel Filter is designed with Viton® O-Ring(s) fitted in the top of the fuel filter mounting flange for maximum sealing ability.
4. Fill the Pure Power! Filter with fuel from the top side of the filter.
NOTE: If your filter mounts horizontally, DO NOT FILL COMPLETELY WITH FUEL.
5. To install the filter, **TIGHTEN BY HAND ONLY (NO TOOLS)** approximately **3/4 to 1 turn after O-ring makes contact with engine mounting surface.** **DO NOT OVER TIGHTEN. THERE WILL BE SOME SEPARATION BETWEEN THE MOUNTING FLANGE AND THE CANISTER.** **Over tightening may cause leakage.**
6. Ensure that engine fuel is installed, then start your engine and check for leaks.

How to service your Pure Power!® Lifetime Fuel Filter™

If your car is still under warranty, inspect and clean the filter at your manufacturer's suggested fuel filter change intervals. If your vehicle is out of warranty you should inspect the filter element at every other oil change for lint and debris. If your filter shows several pieces of debris, clean, reinstall and inspect again at 1,000 miles. Remember, just because it may appear clean, it may still need cleaning because the two layers of filter media trap particles that are too small for the human eye to see without magnification.

IMPORTANT NOTE: CLEAN AND FLUSH THE FILTER ELEMENT AT LEAST 2 TIMES EACH YEAR!

A good reminder is Fall and Spring when you change your clocks and Home Smoke Detector Batteries.

HOW BIG IS A MICRON?

There are 25,400 microns in one inch.

This dot (.) is approximately 1/64 of an inch wide and equals 615 microns.

Remember, the human eye can not see smaller than 35-40 microns without magnification.

A human hair is 50-120 microns.

This fuel filter will remove particles smaller than 1 micron. (A micron is 1/25000th of an inch.)

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How to inspect and clean your Pure Power!® Lifetime Fuel Filter™

1. Place a drain pan beneath the filter.
2. Unscrew the canister from the mounting plate. (In most vehicles, the mounting plate will stay attached to the vehicle. If it does not just re-assemble and re-install as you did originally).
3. Grasp the Stainless Steel Filter Element and rotate and push to one side to slide it off the O-ring in the mounting flange. Remove Stand-off Plate assembly from the bottom of the element.
4. Inspect the outside stainless steel filter element for debris. Inspect the magnets inside the outer cage of the element. Remove any black debris (ferrous metal) with a magnetized screwdriver or strong magnet.
5. Rinse the Canister, O-rings and Stand-off Plate. Hand wipe, inspect all O-rings and replace if damaged. Viton® O-Rings will last many years unless cut or otherwise damaged. Do not use Brake Kleen or Carb Cleaner on O-Rings.
6. The element can now be washed in a CLEAN (new fluid) biodegradable parts washer or hot soapy water. Brake Kleen or Carb Cleaner can be used to clean stainless steel filter element ONLY.
7. **WASH ELEMENT FROM INSIDE OUT.** Rinse and if available, use compressed air from inside out to blow off any cleaning agents from your filter element. Again, blow from inside out. Otherwise, shake and allow to completely air dry before re-installing. Remember, the particles found when cleaning the element were already running through your fuel system, and could possibly cause damage.
8. Hold your stainless mesh element to the light to ensure that it is completely clean. If it has particles in the element, return it to the wash area and clean again. Some debris may require multiple flushing to extract.

How to re-assemble your Pure Power!® Lifetime Fuel Filter™.

1. **THOROUGHLY** oil ALL O-rings and threads with clean motor oil. **DO NOT USE DIESEL FUEL.**
DO NOT TRY TO REASSEMBLE WITHOUT OIL ON ALL THREADS AND O-RINGS.
2. The Filter Element should be installed on to the mounting plate first. The O-ring seal should be a snug fit.
3. Fill the filter with fuel from the top side of the filter.
NOTE: If your filter mounts horizontally, DO NOT FILL COMPLETELY WITH FUEL.
4. Put a generous coat of clean motor oil on the mounting surface of the O-ring(s). When installing the filter, **TIGHTEN BY HAND (NO TOOLS) APPROXIMATELY 3/4 TO 1 FULL TURN AFTER O-RING MAKES CONTACT WITH ENGINE MOUNTING SURFACE. DO NOT OVER TIGHTEN! Over tightening may cause leaks.**
5. Ensure that engine fuel is installed, then start your engine and check for leaks.

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