

LIFETIME SPIN-ON DURAMAX ALLISON TRANSMISSION FILTER

“THE CLEANABLE FILTER”™
CONGRATULATIONS!

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

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

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



IMPORTANT NOTE:

**MAKE SURE ALL O-RINGS AND THREADS ARE WELL OILED BEFORE RE-ASSEMBLING.
(DO NOT USE DIESEL FUEL FOR OILING O-RINGS AND THREADS.)**

2. Place a catch/drain pan under the transmission filter. Remove your current oil filter; then make sure the mounting surface is clean and free of any debris or old gasket material.
3. The stock screw-on transmission filter has a large flat washer/magnet on the top of the filter. This magnet will NOT be used with your new Filter. It is too large and restricts the inlet flow of fluid to the filter. The Pure Power! Allison Transmission Filter has TWO internal Rare Earth Magnets in the outside gage of the Stainless Steel Element. Use new Motor Oil to oil the top O-Ring of the Pure Power! Allison Transmission Filter.
(DO NOT USE DIESEL FUEL FOR OILING O-RINGS AND THREADS.)
4. When the Pure Power! Allison Transmission Filter O-Ring makes contact with the transmission tighten top of filter one full turn by hand, using the diamond-cut knurled top of the filter.
5. Ensure that transmission fluid is installed, then start your engine and check for leaks.
6. 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.**

Pure Power! Lifetime Filters are proudly designed and manufactured in America exclusively by
Pure Power! Incorporated, a certified ISO 9001:2008 Company
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How to service your Pure Power!® Lifetime Oil Filter™

Inspect and clean the filter for lint and debris at your manufacturer's suggested fluid change intervals. 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 TWICE EACH YEAR!

A good reminder is to clean at the when you change your clocks in Spring & Fall.

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 oil filter will remove particles smaller than 1 micron.

(A micron is 1/25000th of an inch.)

How to inspect and clean your Pure Power!® Lifetime Oil 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 ByPass assembly from the inside of the element by pushing out with your thumb.
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 Bypass. 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 engine, 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 Oil 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 THE 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. Partially fill the filter with oil from the top side of the filter. **NOTE:** If your filter mounts horizontally, **DO NOT FILL COMPLETELY WITH OIL.**
4. Put a generous coat of oil on the mounting surface of the O-ring(s). When installing the filter, **TIGHTEN BY HAND (NO TOOLS) APPROXIMATELY 3/4 to 1 TURN AFTER O-RING MAKES CONTACT WITH ENGINE MOUNTING SURFACE. DO NOT OVER TIGHTEN! Over tightening may cause leaks.**
5. Ensure that engine oil is installed, then start your engine and check for leaks.

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