

# INSTALLATION INSTRUCTIONS

## Washable Performance Oil filter

### How to install your Washable Performance Oil Filter.

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

**IMPORTANT NOTE: MAKE SURE ALL O-RINGS AND THREADS ARE WELL OILED BEFORE RE-ASSEMBLING.**

2. Remove your current oil filter; then make sure the mounting surface is clean and free of any debris or old gasket material.
3. The mounting surface of your engine block should be flat, with no grooves for O-Rings, etc. The Washable Performance Oil Filter is designed with Viton O-Ring(s) fitted in the top of the oil filter mounting flange for maximum sealing ability.
4. Fill the Washable Performance Oil Filter with oil from the top side of the filter.  
**NOTE: If your filter mounts horizontally, DO NOT FILL COMPLETELY WITH OIL.**
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.**
6. Ensure that engine oil is installed, then start your engine and check for leaks.

## **How to inspect and clean your Washable Performance Oil Filter.**

1. Oil filter should be cleaned per OEM specified service interval in conjunction with specified drain intervals by the lubricant supplier.
2. Place a drain pan beneath the filter. Remove the canister. Grasp the Stainless Steel Filter Element and rotate and pull down to slide it off the O-Ring in the mounting flange. Remove ByPass assembly from the inside of the element.
3. 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.
4. Do not use BrakeKleen or Carb Cleaner on O-Rings. The element can now be washed in a clean (new fluid) biodegradable parts washer or with K&N Power Kleen Filter Cleaner (part# 99-0621). **WASH ELEMENT FROM INSIDE OUT**. Rinse and if available, use compressed air to blow off any cleaning agent from your Stainless Steel Filter Element. Again, **blow from inside out**. Otherwise, shake and allow to completely air dry before re-installing.
5. 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 Washable Performance Oil Filter.**

1. Begin by putting all O-Rings back into place, then lube with clean oil. **DO NOT TRY TO RE ASSEMBLE WITHOUT OIL ON THE THREADS OR O-RINGS.** The Stainless Mesh Element should be installed on to the mounting cap first. The O-Ring seal should be a snug fit.
2. Fill the filter with oil from the top side of the filter.  
**NOTE: If your filter mounts horizontally, DO NOT FILL COMPLETELY WITH OIL.**
3. Put a light 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!**
4. Ensure that engine oil is installed, then start your engine and check for leaks.