

INSTALLING SPIN-ON OIL FILTERS WITH MOLDED GASKETS

The process of installing a spin-on oil filter with a molded gasket is similar to installing a spin-on oil filter with a lathe cut gasket, but there are key differences you need to know about for a successful installation.

Tools:

Wrench Set

Socket Set

Oil Filter Wrench

Disposable Gloves

Rags or Paper Towels

Lifting Equipment

Eye Protection

Funnel

Ratchet

Oil Drain Pan

WARNING: Moving parts and engine temperatures pose a significant hazard. Improper servicing can result in personal injury and severe engine damage.

1. First, lubricate the gasket of the new oil filter with a small amount of clean oil. This will ensure that the gasket does not bind when it meets the mating surface on the oil filter housing.

2. Next, clean the mating surface of any debris and install the oil filter by spinning it onto the oil filter housing stud, just as you would with any spin-on filter.

3. This is the step where the process changes.

Unlike common spin-on oil filters with a lathe cut (flat) gasket, shown in Fig. A, spin-on oil filters with a molded gasket, shown in Fig. B, can be tightened until the metal canister appears to be touching the mating surface on the oil filter housing. Unlike oil filters that have a lathe cut gasket, there is no risk involved when doing this with a filter that has a molded gasket.

WARNING: When the canister touches the mating surface on the oil filter housing, do not back it off. This could result in a poor axial seal and leak during operation.

4. With the filter properly installed, complete the oil change by following the manufacturer's specifications for the vehicle.

LATHE CUT GASKET

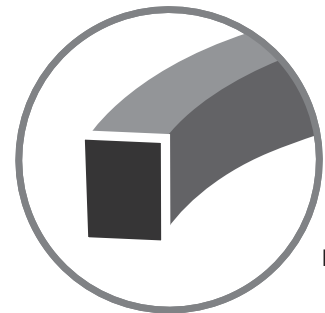


Fig. A

MOLDED GASKET



Fig. B

Oil Filters w/ Molded (P-Style) Gasket

MSL10332	MSL51391	MSL57092	MSL57530
MSL51334	MSL51394	MSL57145	MSL57712
MSL51358	MSL57002	MSL57356	MSL57830
MSL51378			

NOTE: This guide is intended only to assist installers with the key differences between installation of a typical spin-on oil filter with a lathe cut gasket vs. less common spin-on oil filters featuring molded gaskets. Follow manufacturer's instructions for the complete oil change procedure.