

## Don't Retighten a Lube or Oil Filter Once it has Been Installed



To avoid cross-threading DO NOT OVER TIGHTEN OR RETIGHTEN a filter.

### Follow These Proper Steps for Installation of Engine Lube Spin-on Filters

The spin-on engine lube filter is a commonly serviced component on your vehicle. To insure normal oil filter service life and to prevent oil leakage or possible internal engine damage, the following procedure should be followed when replacing spin-on engine lube filters.

#### Before Installation:

1. Unscrew and remove the old filter.
2. Remove the old filter gasket if still attached to the base.
3. Wipe the filter mounting base or head with a clean cloth.

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**TRUCKING****MINING****CONSTRUCTION****MISC.**

### To Install a Spin-on Lube Filter:

1. If manufacturer recommends, fill new filter with oil on the dirty side. Do not pour the oil down the clean oil center tube.
2. Apply a thin film of clean motor oil to the new filter gasket. Do not use grease.
3. To avoid cross-threading, line up the filter threads to the mounting base/head carefully. Screw the new filter on until the gasket contacts the base.
4. Follow the instructions on the filter for final tightening torque specification.  
**DO NOT OVER TIGHTEN.**
5. Check the gasket of the new filter to be sure it is properly seated in the groove

Note that not all filters require the use of tools for changing.

### After Installation:

6. Be sure the oil reaches the full level on the dipstick.
7. Start engine and check for leaks around the oil filter and drain plug. Correct the source of leaks if any are observed.
8. Shut the engine off and recheck the oil level. Add oil if needed.

Check local, state and federal regulations for the proper disposal of your used oil and filters.

More information is available through the  
Filters Manufacturers Council at:  
[www.filtercouncil.org/uploads/docs/TSB/English/93-3R1.pdf](http://www.filtercouncil.org/uploads/docs/TSB/English/93-3R1.pdf)

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