

Volkswagen Cabriolet DIY Guide

Changing the Engine Oil

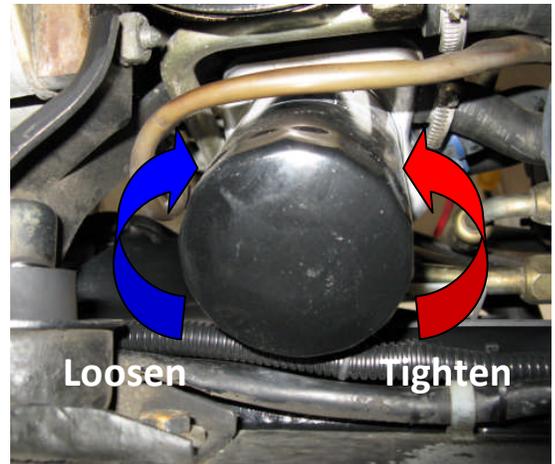
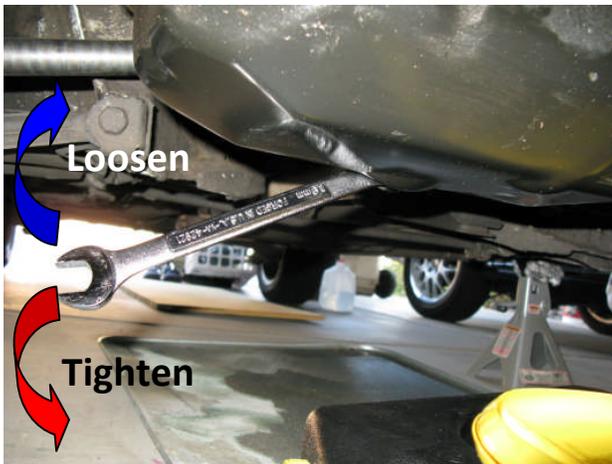
Tools needed:

- 19mm socket
- Socket wrench, or
- 19mm box wrench
- Torque wrench
- Oil filter wrench
- Oil drain pan that can hold 5 quarts
- Funnel (optional)
- Rubber mallet (optional)
- Jack & jack stands, or ramps (for low-riding cars)
- Paper towels and/or shop rags

Parts needed:

- Fresh oil (5 quarts)
- New oil filter
- New metal oil pan drain plug sealing washer

BEFORE BEGINNING, MAKE NOTE OF THE FOLLOWING:



Step 1



Place your oil drain pan under the oil pan drain plug.

If your car does not have enough clearance, raise the front end using a jack and jack stands, or ramps.

Step 2



Loosen the oil pan drain plug using your preferred 19mm wrench; remove the drain plug by hand. Allow the oil to drain until it becomes a slow drip.

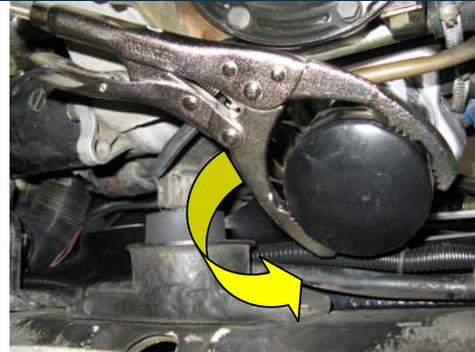
If need be, use a rubber mallet to tap your wrench with to break the drain plug loose.

Step 3



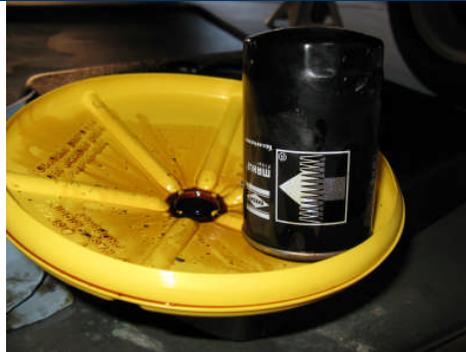
Wipe the drain hole clean and reinstall the drain plug using a new metal sealing washer. Screw it in by hand as far as you can; then, using your torque wrench with 19mm socket, torque the drain plug to 30Nm (22 ft. lb.).

Step 4



Move your drain pan under the oil filter. Using your oil filter wrench, loosen the oil filter (counterclockwise); then, remove it by hand.

Step 5



Allow oil to drain from the flange (or oil cooler); empty the filter into your drain pan, place it in a plastic bag, and discard it.

Step 6



Add a bit of new oil to the new filter. Do not overfill the filter; if oil touches the threads, there's too much. Lightly lubricate the new filter's gasket with fresh oil.

Step 7



After wiping the filter flange clean, install the new oil filter by hand. Screw the filter into place until the gasket contacts the flange, then turn the filter another $\frac{3}{4}$ turn to tighten it.

Step 8



Remove the oil cap on the valve cover and refill the crankcase with new oil (use a funnel if desired), checking the dipstick as you go once you have added 3.5 - 4 quarts. Stop filling once the level is in the middle of the dipstick indicator.

Step 9



Replace the oil cap on the valve cover (wipe the cap and the valve cover opening clean, first) and run the engine. After about 3 minutes, turn off the engine and check for oil leaks.

Step 10



Check the dipstick again and add oil if need be.

Step 11, If there are no leaks



Put away your tools and take your used oil to your local auto parts store for recycling.

Step 11, If there are leaks

Oil is leaking from the flange: If you can move the oil filter, it needs to be tightened. If it's not loose, the filter may be on too tight; loosen it up just a bit.

If your car is equipped with a factory oil cooler: Before adjusting the filter, be sure to check the sides of the cooler for oil leaks; it's possible that the oil cooler's O-ring has gone bad.

**** Remember, *you* are responsible for working on *your* car; Cabby-Info.com, KamzKreationz, VAG, VWoA, or anyone else are not responsible if *anything* goes wrong while *you* are working on, in and under *your* car! Use this information at your own risk!****