2010-2014 Volkswagen Golf - Oil and Filter Change

2010-2014 Volkswagen Golf | Moderate | 45-60 minutes | $55 DIY

TOOLS

32mm socket 19mm socket T25 Torx driver
Ratchet and extensions Torque wrench
Oil drain pan Funnel Jack and jack stands

PARTS

VW-approved full synthetic oil - 2.5L: 5W-40 VW 502.00 (6.3 qt); 2.0L TDI: 5W-30 VW 507.00 (4.5 qt) $42.00
Oil filter cartridge with O-ring kit $12.00
Drain plug crush washer $1.00

STEPS

1. **Warm up and remove engine cover - Drive the car for 5 minutes to warm the oil, then park** on level ground and shut off the engine. Warm oil drains more completely. (Procedure shown on the 2.0L TDI; the 2.5L gas follows the same steps.) Pop the hood and remove the plastic en...
2. **Loosen the oil filter housing cap - From above, locate the black plastic oil filter** housing on the front of the engine. Loosen its cap with a 32mm socket - this breaks the seal and lets oil in the housing drain back to the pan.
3. **Drain the oil from the pan - Lift the front of the car onto jack stands and remove the** lower engine splash shield (T25 Torx screws). Remove the 19mm drain plug and let the oil drain for at least 10 minutes until it slows to a drip.
4. **Replace the filter cartridge and O-ring - Remove the old O-ring from the cap groove.** Install the new O-ring (coated with fresh oil) and press the new cartridge into the cap until it clicks.
5. **Reinstall cap, plug, and shield - Reinstall the filter cap and tighten to 25 Nm - the** housing is plastic and cracks easily if over-tightened. Reinstall the drain plug with a new crush washer and tighten to 30 Nm. Refit the splash shield.
6. **Refill with the correct oil for your engine - Lower the car to level ground. Pour the** correct oil through the oil filler - 2.5L gas: 6.0 liters (6.3 quarts) of VW 502.00-approved 5W-40; 2.0L TDI (CJAA): 4.3 liters (4.5 quarts) of VW 507.00-approved 5W-30. Pour slowly to avoid airloc...
7. **Check level and inspect for leaks - Wait 2 minutes, then check the dipstick - level** should be at the top of the crosshatch, not above. Start the engine, idle for 60 seconds, and inspect underneath for leaks at the drain plug and filter housing.

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