2012-2018 Audi A6 - Oil and Filter Change

2012-2018 Audi A6 | Moderate | 45-60 minutes | $57 DIY

TOOLS

32mm oil filter housing socket Drain plug socket Torque wrench Oil drain pan Funnel Jack and jack stands

PARTS

5W-30 full synthetic, VW 507.00 approved (5.5 quarts for 2.0 TDI) $57.00
Oil filter cartridge with O-ring
Drain plug washer

STEPS

1. **Warm up - Warm the engine for 2-3 minutes - warm oil drains fast, but let a hot turbo or** diesel cool slightly before you work. This guide is written around the TDI diesel, but gas-engine notes are included below. Park on level ground, set the park...
2. **Loosen filter housing - Loosen the 32mm filter housing cap first. Don’t remove it fully** yet; just break it loose and let it drain while you move to the drain plug.
3. **Drain the oil - Remove the drain plug and let the oil pour into your pan until it slows** to an occasional drip. On the TDI, you’re draining about 5.5 quarts - have a pan with room to spare.
4. **Replace the filter - Now fully remove the 32mm housing cap and pull the old cartridge** element. Swap in the new element with fresh O-rings. Reseat the cap evenly and torque it to 25 Nm.
5. **Reinstall and lower - Reinstall the drain plug with a fresh seal, tightening by hand** first to avoid cross-threading. Lower the car off the stands or ramps and wipe the housing and plug areas clean so any new leak will be obvious.
6. **Refill with the correct oil - Refill with the correct oil for your engine: the TDI takes** 5.5 US quarts of 5W-30 meeting VW 507.00 - the low-ash spec the diesel particulate filter requires. If you have the 2.0 TFSI gas engine, it takes 5W-40 meeting VW 502.00 (filter...
7. **Verify the level and check for leaks - Start the engine, idle a minute, and check for** leaks at the housing and drain plug. Shut off, wait several minutes, and verify the oil level.

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