2014-2020 BMW 4 Series - Engine Oil & Filter Change

2014-2020 BMW 4 Series | Moderate | 30-60 minutes | $57 DIY

TOOLS

Floor jack or ramps and rated jack stands if needed Oil-drain pan, funnel, gloves, and eye protection Socket or wrench for the drain plug and oil-filter tool
Calibrated torque wrench and shop towels
27mm Socket

PARTS

Engine Oil (0W-20) $45.00
Correct engine oil filter and drain-plug washer for 2014-2020 BMW 4 Series $12.00
Replacement plastic drain plug (RWD N20 only)

STEPS

1. **Confirm oil specification and make the vehicle safe - Three engines, three fills. 428i** N20: 5.0L (RWD) / 5.5L (xDrive) 5W-30 LL-01. 430i B46: 5.5 qt 0W-20. 440i B58: 6.5L 0W-20. All use top-mounted cartridge. RWD N20: PLASTIC drain plug - buy new one. Park level, brake set, chocked.
2. **Warm briefly and protect the work area - Warm engine just enough for oil to flow. Remove** fill cap; drain pan under sump. Remove underbody panels. RWD N20: new plastic plug ready. 27mm socket opens top-mounted housing - on N20 sits top at front. Let housing drain first.
3. **Drain the used oil and replace the filter - Drain fully. RWD N20: NEW plastic plug -** don’t reuse old one. xDrive and B46/B58: metal plug, new seal, 18 ft-lbs. From above, open housing with 27mm socket; swap element and O-rings, lightly oiled. Clean spilled oil from valley.
4. **Install the correct oil quantity - Add most of the specified amount - don’t pour the last** bit blindly. No dipstick: run briefly, check the electronic level in iDrive, top up in small increments to the max. Keep the fill cap area clean; refit tightly.
5. **Check level, leaks, and service reminder - Idle; inspect the plug and housing for leaks.** Take a short drive, recheck the level in iDrive. Reset the service reminder; record the mileage and oil grade. On B46/B58, confirm the new interval displays first.

TORQUE

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