2009-2015 BMW 750i - Oil and Filter Change

2009-2015 BMW 7 Series | Moderate | 30-60 minutes | $90 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

PARTS

BMW Longlife-01 approved 5W-30 or 0W-30 engine oil (9.0 qt) $56.00
N63 oil filter cartridge with O-ring $32.00
Oil drain plug crush washer $2.00

STEPS

1. **Warm the N63 engine and park on level ground - Idle the N63 twin-turbo V8 about 5 minutes** so its large oil volume thins and drains fully, then switch off and set the parking brake. Park level - the F01's electronic oil-level check requires the car to sit flat.
2. **Remove the V8 engine cover - Lift the large acoustic engine cover straight up off its** mounts to expose the hot-vee top. The oil filter housing sits on top between the cylinder banks, easy to reach. Set the cover aside safely.
3. **Replace the top-mounted oil filter cartridge - Fit a filter cap socket to the black** plastic housing cap and loosen it slowly so trapped oil drains back into the housing. Lift the cap out with the cartridge attached, pull the old element off the stem, and remove the old O-ring from its...
4. **Raise the car and drain the oil pan - Chock the wheels, raise the front at the factory** jacking points, and rest the car on jack stands - never work under a jack alone. Slide a large drain pan under the oil pan, remove the drain plug, and let the oil drain until it slows to a...
5. **Reinstall the drain plug with a new crush washer - Fit a new crush washer to the plug -** the old one won't seal twice - and start it by hand to avoid cross-threading. Tighten to the BMW specification; wipe the pan clean so future seepage is easy to spot.
6. **Lower the car and refill with 5W-30 - Lower the car to level ground and pour in** approximately 8.5 liters of BMW Longlife-01 approved 5W-30, holding back the last liter. Add gradually - removing excess oil from a V8 sump is a chore.
7. **Verify the electronic oil level - Start the engine, let it reach operating temperature,** then check the oil level in the cluster service menu. The electronic sensor needs a minute or two to measure - add small amounts until the gauge reads maximum, never above it.
8. **Reset the service indicator and check for leaks - Reset the engine oil service item** through the cluster service menu so the condition-based service counter restarts. Take a short drive, then recheck the drain plug and filter housing for any sign of leaks.

TORQUE

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