2017-2024 BMW 330i xDrive - Oil and Filter Change

2017-2024 BMW 330i xDrive | Easy | 30-60 minutes | $69 DIY

TOOLS

Floor jack Jack stands Wheel chocks 27 mm socket 3/8-inch ratchet and extension Oil drain pan (7 liters or larger) Funnel Torque wrench Nitrile gloves Shop towels

PARTS

BMW Longlife-approved 0W-20 engine oil $62.00
B48 oil filter cartridge kit with O-rings
Replacement plastic oil drain plug $7.00

STEPS

1. **Warm the B48 engine and park level - Run the B48 turbo engine for 3-5 minutes so the oil** thins and drains fully, then switch it off and set the parking brake. The G20 has no dipstick, so park on perfectly level ground - the electronic oil-level reading and the sump drain...
2. **Remove the acoustic engine cover - Open the hood and lift the acoustic engine cover** straight up off its ball-stud mounts. The black plastic oil filter housing is on top of the engine where it’s easy to reach. Set the cover aside safely.
3. **Replace the top-mounted filter cartridge - Place a rag around the housing and loosen the** cap with a 27 mm socket, turning 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-rings....
4. **Raise the car and drain the composite sump - Chock the wheels, raise the front at the** factory jacking points, and rest the car on jack stands. Let the oil drain to an occasional drip.
5. **Fit a new drain plug and lower the car - Install a new plastic drain plug and tighten it** to the service specification, then wipe the sump area clean so any future seepage is obvious. Lower the car back onto level ground and remove the drain pan.
6. **Refill with 0W-20 and check the level - Pour in approximately 5.25 liters of BMW** Longlife-approved 0W-20 through a clean funnel, holding back the last half-liter. Start the engine for about 30 seconds, switch off, wait one minute, then read the electronic oil level in the iDrive...
7. **Inspect the filter cap threads - If the old plastic filter cap shows worn or deformed** threads, replace it - the cap is inexpensive insurance against a phantom leak. Otherwise refit everything removed and double-check the filler cap is tight.
8. **Reset the oil service reminder and inspect for leaks - In iDrive, open Vehicle status,** then Service required, and reset the engine oil item so the condition-based service timer restarts. Take a short drive, then look for drips at the sump plug and around the filter housing.

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