2014-2016 BMW X5 - Oil and Filter Change

2014-2016 BMW X5 | Easy | 45-75 minutes | $61 DIY

TOOLS

Floor jack Jack stands (rated) Wheel chocks 8mm socket and ratchet 36mm socket Oil drain pan (10L or larger) Funnel Nitrile gloves Shop towels

PARTS

N55 oil filter cartridge element (with O-rings) $13.00
Oil drain plug crush washer $1.00
BMW LL-01 approved 5W-30 engine oil, approx 6.5 liters $47.00

STEPS

1. **Warm up and secure the X5 - Idle the engine for two to three minutes to warm the oil for** a fast, complete drain, then shut it off on level ground. Set the parking brake and chock the wheels.
2. **Lift the X5 and remove the splash shield - Raise the front onto jack stands at the** reinforced pads and remove the large underbody splash shield (8mm screws and plastic rivets). The F15's tray is big - support it as the last screw comes out.
3. **Drain the engine oil - Place a large drain pan under the oil pan and remove the drain** plug, letting the oil flow for 10 to 15 minutes. Fit a new crush washer and thread the plug back in by hand to avoid cross-threading.
4. **Remove the oil filter cartridge - From the top of the engine bay, unscrew the black** plastic oil filter housing cap with a 36mm socket. Lift out the old cartridge filter and peel the used O-rings off the cap.
5. **Fit the new filter and O-rings - Oil the new O-rings, seat them in the cap grooves** without twisting, and drop in the new filter element. Hand-start the cap, then snug it with the 36mm socket - firm enough to seal, never wrenched down.
6. **Reinstall the plug and shield - Tighten the drain plug with its new washer and refit the** splash shield with all of its screws and rivets. A fully secured tray protects the pan and keeps road noise down.
7. **Refill with fresh oil - Pour in about 6.5 liters (6.9 quarts) of BMW LL-01 5W-30 through** the filler neck, adding the final half liter slowly. No dipstick here - the electronic sensor is the only level reference.
8. **Check the level and reset the reminder - Start the engine, look underneath for any leaks,** and check the electronic oil level in iDrive after a few minutes of idling. Top up to the max mark and reset the oil service reminder in the CBS menu.

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