2009-2012 BMW X1 - Oil and Filter Change

2009-2012 BMW X1 | Easy | 45-75 minutes | $64 DIY

TOOLS

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

PARTS

N52 oil filter cartridge element (with O-rings) $16.00
Oil drain plug crush washer $1.00
BMW LL-01 approved 5W-30 engine oil, approx 6.5 liters $47.00

STEPS

1. **Warm the engine and secure the car - Run the engine for two to three minutes so the oil** warms and drains completely, then switch it off. Park on a level surface, apply the parking brake, and chock the rear wheels.
2. **Lift the car and remove the undertray - Jack up the front of the X1 and place it on** stands, then remove the underbody splash shield with its 8mm screws and plastic clips. This gives clear access to the N52 oil pan.
3. **Drain the engine oil - Position your drain pan and remove the drain plug, letting the oil** flow for 10 to 15 minutes until it slows to a drip. Fit a new crush washer on the plug before reinstalling it by hand.
4. **Remove the oil filter cartridge - Open the hood and unscrew the black plastic oil filter** housing cap on top of the N52 with a 36mm socket. Remove the old cartridge filter and the worn O-rings from the cap.
5. **Fit the new filter and seals - Lightly oil the new O-rings, press them into the cap** grooves, and set the new filter cartridge in place. Thread the cap on by hand and snug it with the 36mm socket without forcing the plastic threads.
6. **Reinstall the plug and shield - Tighten the drain plug with its new crush washer and** reinstall the splash shield with all fasteners. Double-check that no tools or rags are left in the engine bay or under the car.
7. **Refill with fresh oil - Add about 6.5 liters (6.9 quarts) of BMW LL-01 5W-30 through the** oil filler, adding the final portion gradually. The E84 X1 has no dipstick, so the electronic reading is the authority.
8. **Verify the level and reset the reminder - Start the engine and inspect underneath for** leaks at the drain plug and filter housing. Check the oil level electronically in iDrive after a few minutes of idling, top up if needed, and reset the service reminder.

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