2020-2024 BMW X6 - Replace Air Filter

2020-2024 BMW X6 | Easy | 30 minutes | $40 DIY

TOOLS

10mm Socket Flathead Screwdriver Torx T25 Driver Ratchet Wrench Extension Bar Trim Removal Tool Gloves Safety Glasses

PARTS

K&N Engine Air Filter 33-3079 $60.00
OEM Engine Air Filter 13721743227 $40.00

STEPS

1. **Locate the Air Filter Box - X6 xDrive40i (B58 3.0L turbo): the air filter is in the** airbox in the engine bay - a large black box, usually on the driver's side. BMW uses a TORX-SCREW lid (T25 typical - verify). Don't confuse it with the cabin filter.
2. **Open the Air Filter Housing (Torx screws) - Remove the Torx screws securing the airbox** lid - count them so you don't miss one. The intake tube may be attached to the lid; you can often lift it enough without fully disconnecting. Set the screws aside safely (don't drop them into th...
3. **Remove the Old Filter - Lift the old panel filter out. Note the orientation. If the** filter is dirty, that's costing your X6's B58 power - the turbocharged 3.0L is sensitive to restriction. Check for debris in the airbox.
4. **Clean the Housing - Wipe the airbox housing clean with a rag. Remove dust and debris.** Check the airbox seal - the B58's turbo system needs a perfect intake seal (boost leaks hurt). Don't touch the MAF sensor in the intake tube.
5. **Install the New Filter - Install the new panel filter, matching the old one's** orientation. Ensure it seats flat with no gaps. The B58's airbox is precision-fit - the filter should drop in perfectly. A misaligned filter causes unmetered air (the MAF won't compens...
6. **Close and Secure - Replace the airbox lid and reinstall all Torx screws - tighten them** evenly (don't over-torque the plastic). The lid must seal - the B58's intake is pressurized by the turbo, so leaks matter. Close the hood and start the engine; it shou...

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