2008-2019 BMW X6 - Engine Air Filter Replacement

2008-2019 BMW X6 | Easy | 20-30 minutes | $35 DIY

TOOLS

5mm (H5) hex bit or socket (E71 airbox cover screws) T20 Torx driver (some variant cover screws) 7mm or 8mm nut driver, or flathead screwdriver (intake tube clamp) Ratchet with extension Panel popper or flathead (wire harness clips, X6M ball mounts) Shop vacuum or clean rag Work gloves

PARTS

Engine air filter for 2008-2019 BMW X6; verify engine, housing shape, and VIN fitment $35.00

STEPS

1. **Confirm your engine layout before starting - Park on level ground, set the parking brake,** and let the engine cool fully. Pop the hood. V8 and X6M cars use a different twin-box layout - see the notes below if that's yours.
2. **Remove the engine cover (oil cap off first on E71) - Pull the engine cover straight up -** it lifts off rubber grommets, so work it up evenly than yanking one corner. Set the cover somewhere it can't slide off and scratch.
3. **Detach the three harnesses and the MAF connector - At the back of the factory airbox,** detach the three wire harnesses from their clips on the box and move them aside gently. Then unplug the MAF sensor's electrical connector - squeeze the release tab and pull straight back.
4. **Free the air duct and loosen the intake tube clamp - Pull the factory air duct off the** front of the airbox, then loosen the clamp at the factory intake tube where it meets the box (7mm or 8mm nut driver or flathead).
5. **Unbolt the airbox cover and lift it off - Remove the airbox cover screws - the E71** procedure calls for a 5mm (H5) hex bit, while some variants use T20 Torx, so check the head before you commit. Pull the filter element out and check its orientation for reinstallation.
6. **Clean the housing and seat the new element flat - Drop the new filter element in so it** lies perfectly flat - the BMW procedure stresses checking the element's position and not skewing it, because a tilted element keeps the cover from sealing. Vacuum the inside of the housing and wipe th...
7. **Reassemble and verify the seal - Reconnect the factory air duct to the box, snug the** intake tube clamp, reconnect the MAF sensor, and re-clip the three harnesses to the back of the box. Start the engine: idle should be smooth with no whistling and no warning lights.

TORQUE

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