2004-2010 BMW 6 Series - Engine Air Filter

2004-2010 BMW 6 Series | Easy | 10-20 minutes. | $35 DIY

TOOLS

No tools required if your airbox uses spring clips (they release by hand) Screwdriver set (only if your particular box uses screws instead of clips) Clean dry rag New engine air filter (buy by vehicle fitment: 645Ci or 650i, E63/E64, 2004-2010)

PARTS

Engine air filter for 2004-2010 BMW 6 Series; verify engine, housing shape, and VIN fitment $35.00

STEPS

1. **Confirm your 6 Series generation first - SCOPE NOTE: this guide covers the** first-generation 6 Series - the E63 coupe and E64 convertible built from 2004 through 2010, specifically the 645Ci and 650i with the N62 V8 (there was no 2011 model year). The second-generation F12/F13 car...
2. **Locate the airbox and disconnect the lid fittings - Open the hood and find the black** plastic airbox on the engine. Before separating the halves, disconnect anything clipped to the lid: sensor plugs, breather hoses, or wiring looms.
3. **Separate the housing and remove the filter - Release the spring clips by pressing them** off their hooks and swinging them clear, or back out the lid screws if your box has them. Lift the upper housing half straight up - the panel filter either lifts out with it or sits exposed in the...
4. **Clean and inspect the housing - Check that no debris fell into the intake duct while the** box was open, and look the duct's rubber over for dry-rot cracks. Wipe the lower housing with a clean dry rag and clear out any leaves and grit.
5. **Seat the new panel filter - Make sure the filter lies level; a filter cocked up on one** side keeps the housing halves from seating and whistles. Drop the new panel filter into the lower housing exactly as the old one sat, gasket rim flat on the sealing lip.
6. **Reconnect the plugs and hoses and check the box - Reconnect any sensor plugs or breather** hoses you detached from the lid. If you loosened the intake-duct clamp, re-tighten it with the tube fully seated. Shake the assembled box: it should be solid with no rattle.
7. **Verify - and remember the generation split - Start the engine, let it idle, and listen at** the airbox for whistling that signals an unlatched clip or pinched seal. Drive the car and confirm smooth power delivery; a check-engine light after this job means a sensor plug left disconnecte...

TORQUE

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