2008-2019 BMW X6 - Brake Pad Replacement

2008-2019 BMW X6 | Advanced | 1-3 hours | $205 DIY

TOOLS

Floor jack, rated jack stands, and wheel chocks Lug wrench and calibrated torque wrench Brake piston compressor or suitable spreader Socket set, wire brush, brake cleaner, gloves, and eye protection

PARTS

Front or rear brake pad set for 2008-2019 BMW X6; verify axle, brake package, and VIN fitment $180.00

Replacement pad hardware or wear sensor only if the kit requires it $25.00

STEPS

1. **Confirm the front brake package and inspect - Service the FRONT axle: 2008-2014 E71 and** 2014-2019 F16 X6s use ATE floating single-piston front calipers. xDrive50i/M50d use larger 385mm rotors; 35i/40i use smaller brakes - pads are NOT interchangeable. Confirm trim before ordering.
2. **Park, chock, loosen lugs, and lift safely - Park on level pavement, shift to Park, and** set the parking brake. Chock the rear wheels. Loosen the front wheel bolts on the ground, then jack the front onto rated stands at the reinforced jack points. Never work under a jack alone.
3. **Disconnect the wear sensor; remove the caliper - Trace the thin front wear-sensor wire to** its connector and release it BEFORE touching the caliper - pulling the caliper with it attached tears the wire. Remove the two caliper bolts, slide the caliper off the rotor, and hang it from the su...
4. **Remove the old pads and sensor; inspect everything - Slide the old pads out and unclip** the wear sensor - a triggered sensor is replaced with the pads. Remove the abutment hardware and inspect for rust and grooves. Pull the guide pins, check the boots, and inspect rotors for scoring and thick...
5. **Service the pins, retract the piston, install pads and sensor - Clean the guide pins and** apply silicone brake grease. Seat new abutment hardware. Retract the piston with a C-clamp on the old pad, watching the reservoir for overflow. Clip the NEW sensor into the inner pad; route its wire as the original...
6. **Reinstall the caliper and wheel; torque to spec - Slide the caliper over the new pads and** reinstall the caliper bolts, torquing to spec per owner’s manual or service information. Reconnect the sensor plug until it clicks. Hand-start every wheel bolt, lower the X6, and torque them in a sta...
7. **Pump the pedal, reset CBS, bed the pads, test drive - Pump the pedal until firm and check** the reservoir. Reset the CBS indicator through iDrive - the warning will NOT clear by itself, even with a new sensor. Bed the pads with moderate stops and cooling time. Test drive, recheck bolt torque af...

TORQUE

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