2015-2019 BMW X6 M - Front Brake Pad Replacement

2015-2019 BMW X6 M | Moderate | 60-90 minutes | $477 DIY

TOOLS

Floor jack and two jack stands Wheel chocks
17mm lug bolt socket with breaker bar 7mm hex (Allen) socket for caliper guide pins
Flathead screwdriver Brake piston compressor tool or large C-clamp Bungee cord or wire to hang the caliper Brake parts cleaner
High-temperature brake grease Torque wrench

PARTS

Front brake pad set $458.00
Brake pad wear sensor $19.00

STEPS

1. **Stage the vehicle and loosen the front lug bolts - Park the X6 M on flat, solid pavement, chock** both rear wheels, and leave the transmission in Park with the parking brake engaged. Break each front lug bolt loose about half a turn with the 17mm socke...
2. **Lift the front and remove the wheel - Position the floor jack under the front central jacking** point, raise the front until the tire clears the ground, and set both front corners on jack stands. Remove the lug bolts completely and pull th...
3. **Remove the anti-rattle spring clip - Locate the flat metal anti-rattle spring clipped across the** outer face of the brake caliper. Slide a flathead screwdriver under one end of the clip and pry it outward until it pops free of its retain...
4. **Pop off the guide pin dust caps - On the back of the caliper you will see two small round plastic** dust caps covering the guide pins. Pry each cap off with your fingers or the flathead screwdriver and keep them together.
5. **Unthread the caliper guide pins - Fit the 7mm hex socket onto each guide pin and unthread them** fully from the caliper carrier, pulling the pins straight out once loose. Inspect the pins for corrosion and the rubber boots for tears, c...
6. **Remove the caliper and the old pads - Wiggle the caliper body off the brake pads and rotor, then** immediately hang it from the coil spring with a bungee cord so the brake hose carries no weight. Slide the worn inner and outer pads out of...
7. **Compress the caliper piston - Place one old pad against the piston face and use the piston** compressor tool or C-clamp to push the piston slowly and squarely back into the caliper bore until it sits flush.
8. **Install the new pads and wear sensor - Apply a thin film of high-temperature brake grease to the** pad ears where they slide in the carrier, keeping all grease off the friction material. Seat the new inner and outer pads into the carrier, t...
9. **Reinstall the caliper, pins, caps, and clip - Lower the caliper over the new pads onto the** carrier, thread both guide pins in by hand to avoid cross-threading, then tighten them firmly with the 7mm hex. Press both dust caps back onto the pins an...
10. **Refit the wheel and lower the vehicle - Mount the wheel back on the hub, thread all lug bolts in** by hand, and snug them in a star pattern with the 17mm socket. Raise the car slightly to remove the jack stands, lower it fully to the ground,...
11. **Pump the pedal - With the engine off, pump the brake pedal several times until it goes from soft** to firm, which seats the new pads against the rotor.
12. **Bed in the new pads with a road test - Drive to a quiet road and perform a series of moderate** stops from about 40 mph down to 10 mph, allowing the brakes to cool between stops without coming to a complete halt. Avoid hard emergency-style...

ezcarfix.com