2019-2024 Volvo XC40 - Brake Pad Replacement

2019-2024 Volvo XC40 | 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 2019-2024 Volvo XC40; 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 axle, parts, and brake condition - FRONT axle of the 2019-2024 XC40: ATE floating** caliper on a vented rotor; pads carry a wear sensor. Confirm pads match front axle - front and rear differ - and check rotor thickness against the minimum stamped on the hat.
2. **Lift and secure the vehicle - Park on level ground. Leave the electronic parking brake** OFF - the EPB acts on the rear axle, not the front; no service-mode procedure is needed. Loosen the wheel bolts, raise the front onto jack stands, and remove the wheel.
3. **Remove the caliper and old pads - Unbolt the guide pins, slide the caliper off, and hang** it - never by the hose. Disconnect the wear-sensor lead and pull the pads and clips. Inspect the pins and boots for corrosion, and check the piston boot and hose.
4. **Install pads and hardware - Clean the lands and fit abutment clips with a thin film of** grease beneath. Service the guide pins and fit the new pads with the wear sensor seated as before. Open the reservoir and press the piston back.
5. **Torque, pump, and bed in - Refit the caliper, torque the guide-pin bolts to spec, and** reconnect the wear sensor. Refit the wheel star-pattern to spec. Pump the pedal until firm. Confirm the wear warning clears after a short drive; bed the pads with moderate stops.

TORQUE

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