2020-2024 Mazda CX-30 - Brake Pad Replacement

2020-2024 Mazda CX-30 | 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 2020-2024 Mazda CX-30; 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 check for recalls - Confirm the FRONT axle: the** 2020-2024 CX-30 uses floating single-piston front calipers. SAFETY FIRST - 2020 models built October 22, 2019 to March 6, 2020 were recalled for possibly loose front caliper mounting bolts (NHTSA 20V346000, Ma...
2. **Park, chock, loosen lugs, and lift safely - Park on level pavement in Park with the** parking brake set and rear wheels chocked. Break the lug nuts loose on the ground, then jack onto rated stands at Mazda’s jack points. Remove the wheel and shake the car to confirm it is stable.
3. **Remove the caliper guide-pin bolts and hang the caliper - Remove the two guide-pin bolts** from the back of the floating caliper and slide it off the rotor. Note how tight they were on removal, but do not use that feel as a torque spec. Hang the caliper from the strut; never by the hose.
4. **Remove the old pads and hardware; inspect everything - Slide out the old pads and** abutment clips; replace clips that are rusted or grooved. Pull the guide pins and check the boots for tears - sticky pins cause tapered wear. Verify the bracket bolts are present and tight - the recall subjec...
5. **Service the pins and retract the piston - Clean the pins and bores, apply** high-temperature silicone brake grease, and confirm smooth travel. Seat the new abutment clips fully. Retract the piston with a C-clamp on the old pad, watching the reservoir so it does not overflow. Keep gr...
6. **Reinstall the caliper and wheel; torque everything properly - Slide the caliper back and** torque the guide-pin bolts properly - proper torque is not optional after the loose-bolt recall. Hand-start the lug nuts, lower the car, and torque the lugs in a star pattern. Check the hose for twists.
7. **Pump the pedal, bed the pads, and test drive - Pump the pedal until firm. Top up the** reservoir with the correct DOT fluid if needed. Bed the pads with moderate stops and cooling time. Test drive, listening for front grinding or rattling - the recall symptom - and recheck lug torque...

TORQUE

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