2016-2024 Mazda CX-9 - Front Brake Caliper

2016-2024 Mazda CX-9 | Advanced | 2-3 hours | $380 DIY

TOOLS

Floor Jack Jack Stands 17mm Socket 19mm Socket Torque Wrench Brake Caliper Hanger Brake Parts Cleaner Safety Glasses Gloves Brake Grease 8mm wrench Flare Nut Wrench

PARTS

Front Brake Caliper W0133-1910190 $150.00
Front Brake Pads DP41606C $100.00
Front Brake Rotors $120.00
Brake Fluid $10.00
Copper crush washers (banjo bolt)

STEPS

1. **Loosen lugs and raise the vehicle - The 2016-2024 Mazda CX-9 (2nd generation) in this** guide needs a FRONT BRAKE CALIPER REPLACEMENT - not just pads. This is a hydraulic system job. The CX-9 uses dual-piston front calipers (OEM: TKY8-33-98ZA right / TKY8-33-99ZA left -...
2. **Remove the wheel - Remove the front wheel. Using a flare nut wrench (not a regular** open-end), loosen the banjo bolt. Do NOT let the caliper hang by the brake hose. The CX-9’s dual-piston caliper is heavy - support it.
3. **Inspect the bracket, slide pins, and rotor with the old caliper off - With the old** caliper off, inspect the bracket, slide pins, and rotor. The CX-9’s dual-piston caliper has higher torque values than single-piston Mazdas: slide-pin bolts are 62-68 ft-lbs (owner-reported, much higher than the 23-28 ft-lb...
4. **Install the new caliper and reconnect the brake hose - Prepare the NEW dual-piston** caliper: verify the bleeder valve is on TOP when mounted (if it’s on the bottom, it’s upside down). The bleeder takes an 8mm wrench. Install the caliper onto the bracket - ensure the slide pins are in their co...
5. **Install the new pads and slide the caliper onto the bracket - Install new pads into the** caliper bracket (since you’re replacing the caliper, install new pads too - don’t reuse old pads on a new caliper). Slide the caliper (with new pads) over the rotor and onto the bracket. Reinstall the slide-pin...
6. **Inspect the piston boots and check the caliper - Do not cock them. If they don’t, the new** caliper is defective - don’t install it. Ensure the piston boots are intact. This is a new caliper, so the pistons should be in the fully retracted position from the factory.
7. **Pump the pedal and check for leaks - Pump the brake pedal several times - it will go to** the floor initially until the pistons extend. Double-check for leaks at the banjo bolt and bleeder.
8. **Bleed the brakes, lower the vehicle, and test drive - Bleed order: furthest from master** cylinder first (passenger rear, driver rear, passenger front, driver front). Have a helper pump the pedal while you open/close the 8mm bleeder, or use a vacuum bleeder. Lower the vehicle. Test drive cautio...

TORQUE

Caliper bracket bolts 95 Nm 70 ft-lbs

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