# 2007-2012 Dodge Nitro - Brake Pad Replacement



2007-2012 Dodge Nitro | 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 2007-2012 Dodge Nitro; 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 standard vs heavy-duty brakes FIRST - Before ordering parts, verify whether your** Nitro (KA) has STANDARD or HEAVY DUTY brakes - pad shape and rotor size differ, and this is the most common parts mistake. Standard fronts: single-piston calipers, 65.9mm phenolic piston, 11.89-...
2. **Park, chock, loosen lugs, and lift safely - Park on level ground, set the parking brake,** and chock the rear wheels. Break the front lugs loose on the ground, then jack the front onto rated stands under the frame rails. Shake firmly to confirm it’s stable - never rely on the jack a...
3. **Remove the caliper guide bolts and hang the caliper - Remove the two guide bolts from the** back of the caliper and slide it off the rotor. Support it as it comes free and hang it from the frame or control arm with a sturdy hook - never by the rubber brake hose.
4. **Remove the old pads and hardware; inspect everything - Slide the old pads out and remove** the abutment hardware, noting the wear-sensor pad position. Replace rusted or grooved hardware. Inspect the 65.9mm phenolic piston for cracks, chips, or swelling and the dust boot for tears - a damaged p...
5. **Service the pins, retract the piston, install pads - Clean the pins and bores and apply** fresh silicone brake grease, confirming smooth sliding. Retract the phenolic piston with a C-clamp on the OLD pad only - never metal against the piston, which can crack. Install the pads, wear sensor in...
6. **Reinstall the caliper and wheel; torque to spec - Reinstall the caliper and torque the** two guide bolts to spec. Hand-start every lug nut, lower the vehicle, and torque the lugs in a star pattern to factory spec. Check the brake hose has its natural curve - no twist, kink, or wheel conta...
7. **Pump the pedal, bed the pads, and test drive - Pump the pedal until firm before driving -** the large piston needs a few pumps to extend. Check the reservoir and top up with the correct DOT fluid if needed. Bed the pads with moderate stops. Recheck lug torque after 50 miles.

**TORQUE**

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