2009-2024 Nissan GT-R - Front Brake Pad Replacement

2009-2024 Nissan GT-R | Moderate | 60-120 minutes | $98 DIY

TOOLS

Floor jack and two jack stands Wheel chocks Lug wrench Small pin punch or pick for the pad retaining clips Brake caliper piston spreader tool Brake parts cleaner spray Tray for pins and clips Nitrile gloves Dust mask

PARTS

Front brake pad set with shims (fits 2009-2024 Nissan GT-R R35 with Brembo front calipers) $90.00

Brake parts cleaner spray $8.00

STEPS

1. **Secure the car and loosen the lug nuts - Park the GT-R on a flat, level surface, set the** parking brake firmly, and chock both rear wheels so the car cannot roll. Loosen the front lug nuts about a quarter turn while the tires are still on the ground. Breaking the lug nuts loose be...
2. **Raise the front and remove the wheels - Jack up the front of the GT-R at its designated** front lift points and set it securely on two jack stands, then remove the lug nuts and lift off both front wheels.
3. **Remove the pad retaining pins and clips - On the R35’s front Brembo six-piston fixed** calipers, the pads are retained by cross pins with small retaining clips - pull the retaining clips and slide the cross pins out of the caliper body. Unlike floating calipers, the Brembo caliper...
4. **Slide out the old pads - Pull the worn pads radially out of the top of each caliper,** noting the inner and outer positions and how the shims sit. Compare pad wear side to side and across each caliper - uneven wear across the six pistons hints at a sticking piston...
5. **Retract the caliper pistons evenly - Using a piston spreader tool, press the six pistons** in each caliper evenly back into their bores, working them in together rather than one at a time.
6. **Install the new pads, pins, and clips - Spray the caliper’s pad slide areas with brake** parts cleaner and wipe them down, keeping cleaner and grease off the rotor faces. Slide the new pads with their shims into each caliper in the original inner and outer positions, then slide th...
7. **Reinstall the wheels and lower the car - Refit both front wheels, thread the lug nuts on** by hand, and lower the GT-R off the jack stands. Double-check that no tools, pins, or clips were left anywhere in the wheel wells before lowering.
8. **Pump the pedal - Before driving anywhere, pump the brake pedal several times until it** feels firm - the first pumps take up the gap left by the retracted pistons.

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