2005-2010 Chrysler 300 - Front Brake Pad and Rotor

2005-2010 Chrysler 300 | Moderate | 1-2 hours | $37 DIY

TOOLS

Floor jack Jack stands Wheel chocks Lug wrench 21mm socket Breaker bar 13mm socket Caliper piston compressor or C-clamp Torque wrench Wire brush Bungee cord or wire

PARTS

Front brake pad set (2005-2010 Chrysler 300) $37.00

Front brake rotors, pair

STEPS

1. **Park safely and loosen lug nuts - Park the 2005-2010 Chrysler 300 on a flat surface, engage the** parking brake, and chock the rear wheels. Loosen the front lug nuts slightly with a lug wrench while the wheel is still on the ground. Co...
2. **Lift the car and remove the wheel - Jack up the front of the 300 and place jack stands securely** under the frame rails. Remove the loosened lug nuts completely and pull the front wheel off the hub.
3. **Remove the caliper bolts - Locate the two 13mm bolts on the back of the brake caliper. Remove** them with a 13mm socket, holding the guide pins steady if they try to turn. Completion looks like both caliper bolts removed and set...
4. **Lift off the caliper and hang it safely - Slide the caliper straight off the rotor and old pads.** Hang it from the coil spring with a bungee cord or sturdy wire so its weight never pulls on the rubber brake hose.
5. **Remove the old brake pads - Pull the worn brake pads out of the caliper bracket. Note how the** wear indicators and any shims are positioned so the new pads go in the same way.
6. **Remove the bracket and old rotor - Remove the two large 21mm caliper bracket bolts using a** breaker bar for leverage. Lift the bracket off the knuckle, then slide the old rotor straight off the wheel hub. If the rotor is rusted on, tap...
7. **Clean the hub surface - Scrub the wheel hub face with a wire brush until it is free of rust scale** and debris. Completion looks like bright, clean metal across the full hub face.
8. **Install the new rotor and bracket - Slide the new rotor onto the cleaned hub, making sure it sits** flush with no rocking. Reinstall the caliper bracket over the rotor and tighten the two 21mm bolts firmly.
9. **Compress the caliper piston - Use a caliper piston compressor tool or a C-clamp with an old pad** to press the caliper piston slowly back into its bore. Completion looks like the piston fully retracted flush with the caliper body.
10. **Install the new brake pads - Apply a thin film of brake lubricant to the pad backing plates where** they touch the bracket, avoiding the friction surfaces. Slide the new pads into the bracket with any shims and wear indicators in...
11. **Reinstall the caliper - Lower the caliper over the new pads and rotor, then reinstall and tighten** the two 13mm caliper bolts. Confirm the caliper slides smoothly on its guide pins and is centered over the rotor.
12. **Refit the wheel, torque, and bed the pads - Remount the front wheel and snug the lug nuts by hand** in a star pattern. Lower the 300 off the jack stands, then torque the lug nuts to 110 ft-lbs in a star sequence. Pump the brake pedal several tim...

ezcarfix.com