

**Haynes**
shows you how

BMW 3-Series 320i & 320xi (12-14), 325i, 325xi, 330i & 330xi (06) & 328i & 328xi (07-14) Haynes Online Manual

7 Rear brake disc - inspection, removal and installation

Warning:

Dust created by the brake system is harmful to your health. Never blow it out with compressed air and don't inhale any of it. An approved filtering mask should be worn when working on the brakes. Do not, under any circumstances, use petroleum-based solvents to clean brake parts. Use brake system cleaner only.

Inspection

Note:

If either disc requires replacement, BOTH should be replaced at the same time, to ensure even and consistent braking. New brake pads should also be installed.

1 Firmly block the front wheels, then raise the rear of the vehicle and support it securely on jackstands. Remove the appropriate rear wheel. Release the parking brake.

2 Inspect the disc (see [Section 6](#), Steps 2 through 5).

Removal

3 Remove the brake pads (see [Section 5](#)).

4 Remove the bolts and remove the caliper mounting bracket. Discard the bolts; new ones must be installed.

5 Loosen and remove the brake disc retaining bolt (see [illustration 6.7](#)).

6 It should now be possible to remove the brake disc from the stub axle by hand. If it is tight, lightly tap its rear face with a plastic mallet. If the parking brake shoes are binding, check that the parking brake is fully released.

7 Fully release the parking brake cable tension to obtain maximum freplay in the cable (see [Section 14](#)).

8 Insert a screwdriver through one of the wheel bolt holes in the brake disc, and rotate the adjuster star wheel on the upper pivot to retract the shoes (see [illustration 14.6](#)). The brake disc can then be removed.

Installation

9 Installation is the reverse of removal, noting the following points:

- A. Ensure that the mating surfaces of the disc and hub are clean and flat.
- B. Align (if applicable) the marks made on removal, and tighten the disc retaining bolt to the specified torque.
- C. If a new disc has been installed, use solvent to wipe any anti-corrosion preservative coating from the disc before installing the caliper. Ensure the disc mounting surface on the hub is free from dirt and corrosion.
- D. Slide the caliper into position over the disc, making sure the pads slide pass either side of the disc. Tighten the caliper mounting bolts to the specified torque.
- E. Install the wheel, then lower the vehicle to the ground and tighten the wheel bolts to the specified torque.
- F. Adjust the parking-brake shoes and cable (see [Section 14](#)).
- G. Depress the brake pedal a few times to bring the brake pads into contact with the disc. Bleeding won't be necessary unless the brake hose was disconnected from the caliper. Check the operation of the brakes carefully before driving the vehicle. Recheck the parking brake.

© 2024 Haynes Manuals, Inc. Contact us