



Haynes
shows you how

BMW 3-Series (92-98) & Z3 (96-98) Haynes Online Manual

9 Rear brake disc - inspection, removal and installation

Note:

Before starting work, refer to the note at the beginning of [Section 5](#) concerning the dangers of asbestos dust.

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 chock the front wheels, then jack up the rear of the car and support it on axle stands. Remove the appropriate rear wheel.

2 Inspect the disc (see [Section 6](#)).

Removal

3 Unscrew the two bolts securing the brake caliper mounting bracket in position, then slide the caliper assembly off the disc. Using a piece of wire or string, tie the caliper to the rear suspension coil spring, to avoid placing any strain on the hydraulic brake hose ([see illustration](#)) .

9.3 Slide the rear caliper assembly off the disc



4 Loosen and remove the brake disc retaining screw and release the parking brake (see illustration) .

9.4 Unscrew the retaining screw and remove the rear disc



5 It should now be possible to withdraw the brake disc from the stub axle by hand. If it is tight, lightly tap its rear face with a hide or plastic mallet. If the parking brake shoes are binding, first check that the parking brake is fully released, then continue as follows.

6 Fully loosen the parking brake adjustment, to obtain maximum free play in the cable (see [Section 14](#)).

7 Insert a screwdriver through one of the wheel bolt holes in the brake disc, and rotate the adjuster knurled wheel on the upper pivot to retract the shoes (see illustrations 14.3a and 14.3b) . The brake disc can then be withdrawn.

Installation

8 If a new disc is being installed, use a suitable solvent to wipe any preservative coating from the disc.

9 Align (if applicable) the marks made on removal, then install the disc and tighten the retaining screw to the specified torque.

10 Slide the caliper into position over the disc, making sure the pads pass either side of the disc. Tighten the caliper bracket mounting bolts to the specified torque setting.

11 Adjust the parking brake shoes and cable (see [Section 14](#)).

12 Install the wheel, then lower the vehicle to the ground, and tighten the wheel bolts to the specified torque. On completion, repeatedly depress the brake pedal until normal (non-assisted) pedal pressure returns. Recheck the parking brake adjustment.;

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