

**Haynes**  
*shows you how*

**BMW 3-Series and Z4 (99-05) Includes 2006 325ci/330ci Coupe and Convertible models Haynes Online Manual.**

## 7 Rear brake disc - inspection, removal and installation

### Note:

Before starting work, refer to the precautions in [Section 1](#) and the warnings at the beginning of [Section 2](#).

### 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.

## Inspection

1 Firmly chock 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 as described in [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](#)). If necessary unclip the brake hose from the lower mounting bracket to provide enough slack to maneuver the caliper and bracket.

### 7.3 Slide the rear caliper assembly off the disc



4 Remove the brake disc retaining screw (see illustration) .

### 7.4 Remove the retaining screw and slide the rear disc off the hub



5 It should now be possible to withdraw the brake disc from the hub 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 Referring to [Section 14](#) for further details, fully loosen the parking brake adjustment to obtain maximum free play in the cable.

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 14.5a and 14.5b) . The brake disc can then be withdrawn.

## Installation

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

9 Position the disc on the hub, install the disc retaining screw and tighten it 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 as described in [Section 14](#) .

**12** Install the wheel, then lower the car to the ground, and tighten the wheel bolts to the torque listed in the [Chapter 1 Specifications](#) . On completion, repeatedly depress the brake pedal until normal (non-power assisted) pedal pressure returns. Recheck the parking brake adjustment.

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