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

9 Rear hub assembly - removal and installation

Note:

The hub assembly should not be removed unless it, or the hub bearing, is to be replaced. The hub is a press fit in the bearing's inner race removing the hub will damage the bearing. If the hub is to be removed, be prepared to replace the hub bearing at the same time.

Note:

A long bolt or length of threaded bar and suitable washers will be required for installation.

Removal

- 1 Remove the relevant driveaxle as described in [Chapter 8](#) .
- 2 Remove the brake disc as described in [Chapter 9](#) .
- 3 Bolt a slide hammer to the hub surface, and use the hammer to draw the hub out from the bearing. If the bearing's inner race stays attached to the hub, a puller will be required to draw it off.
- 4 With the hub removed, replace the bearing as described in [Section 10](#) .

Installation

- 5 Lightly apply oil to the hub surface and then place it in the bearing's inner race.
- 6 Draw the hub into position by using a long bolt or threaded length of bar and two nuts. Install a large washer to both ends of the bolt or bar, so that the inner washer contacts the bearing's inner race, and the outer washer contacts the hub. Slowly tighten the nut(s) until the hub is pulled fully into position. **Note:** *Do not force the hub into position using a hammer and drift as this will damage the bearing.*
- 7 Remove the bolt or threaded bar and washers (as applicable), and check that the hub bearing rotates smoothly and easily.

8 Reinstall the brake disc referring to [Chapter 9](#) .

9 Reinstall the driveshaft referring to [Chapter 8](#) .

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