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

9 Rear hub assembly - removal and installation

Removal

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 inner race, and removal of the hub will almost certainly damage the bearings. If the hub is to be removed, be prepared to replace the hub bearing at the same time.

- 1 Remove the relevant driveaxle (see [Chapter 8](#)).
- 2 Remove the brake disc (see [Chapter 9](#)).
- 3 Bolt a slide hammer to the hub flange, and use the hammer to draw the hub out from the bearing. If the bearing inner race stays attached to the hub, a puller will be required to draw it off.
- 4 With the hub removed, closely examine the hub bearing for signs of damage. Check that the bearing rotates freely and easily, without any sign of roughness. If the inner race remains attached to the hub, or there is any doubt about its condition, replace the bearing (see [Section 10](#)).

Installation

Note:

A long bolt/length of threaded bar and suitable washers will be required on installation.

- 5 Apply a smear of oil to the hub surface, and locate it in the bearing inner race.
- 6 Draw the hub into position using a long bolt or threaded length of bar and two nuts. Install a large washer to either end of the bolt/bar, so the inner one bears against the bearing inner race, and the outer one against the hub. Slowly tighten the nut(s) until the hub is pulled fully into position. **Note:** *Do not be tempted to knock the hub into position with a hammer and drift, as this will almost certainly damage the bearing.*
- 7 Remove the bolt/threaded bar and washers (as applicable), and check that the hub bearing rotates smoothly and easily.

8 Install the brake disc (see [Chapter 9](#)).

9 Install the driveaxle (see [Chapter 8](#)).

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