

**Haynes**  
shows you how

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

## 3 Clutch release bearing and lever - removal, inspection and installation

### Warning:

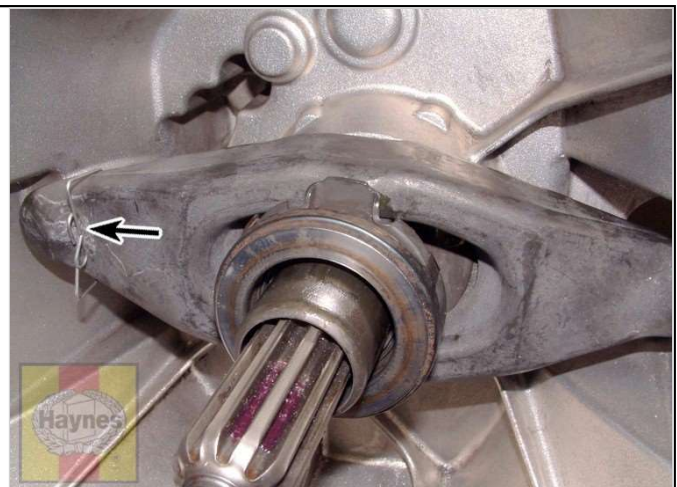
Dust created by clutch wear and deposited on the clutch components is a health hazard. DO NOT blow it out with compressed air, or inhale any of it. DO NOT use gasoline (or petroleum-based solvents) to clean off the dust. Brake system cleaner should be used to flush the dust into a suitable receptacle. After the clutch components are wiped clean with rags, dispose of the contaminated rags and cleaner in a sealed, marked container.

### Release bearing

#### Removal

- 1 Remove the transmission as described in [Chapter 7A](#) .
- 2 Pull the bearing forwards, and slide it from the guide sleeve in the bellhousing (see illustration).

#### 3.2 Pull the release bearing from the guide sleeve



#### Inspection

- 3 Spin the release bearing, and check it for excessive roughness. Hold the outer race, and attempt to move it laterally against the inner race. If any excessive movement or roughness is evident, replace the bearing. If a new

clutch has been installed, it is wise to replace the release bearing as a matter of course.

## Installation

4 Clean and then lightly apply high-temperature grease to the release bearing contact surfaces on the release lever and guide sleeve.

5 Slide the bearing into position on the guide sleeve, ensuring that the bearing engages correctly with the release lever.

6 Install the transmission, referring to [Chapter 7A](#) .

## Release lever

### Removal

7 Remove the release bearing, as described previously in this Section.

8 Slide the release lever sideways to release it from the retaining spring clip and pivot, then pull the lever forwards from the guide sleeve (see illustration).

**3.8 Slide the release lever sideways to disengage the retaining clip**



### Inspection

9 Inspect the release bearing, pivot and slave cylinder pushrod contact faces on the release lever for wear. Replace the lever if excessive wear is evident.

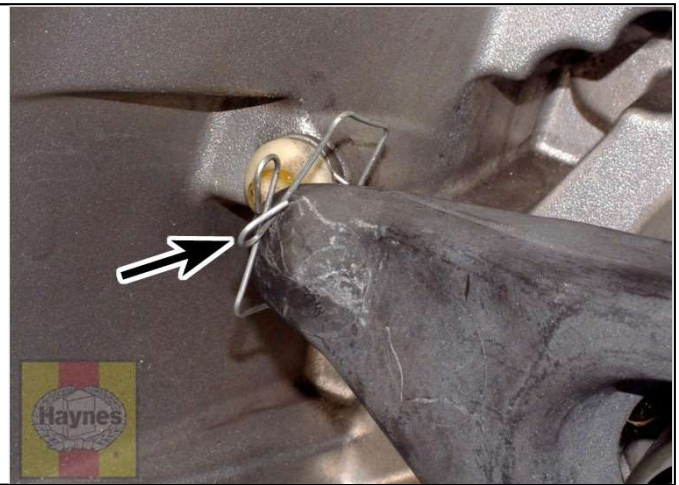
10 Check the release lever retaining spring clip, and replace if necessary. It is advisable to replace the clip as a matter of course.

## Installation

11 Slide the release lever into position over the guide sleeve, then push the end of the lever over the pivot,

ensuring that the retaining spring clip engages correctly over the end of the release lever (see illustration).

**3.11 Ensure that the lever engages correctly with the retaining clip**



12 Install the release bearing as described previously in this Section.

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