

**Haynes**  
shows you how

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

## 4 Back-up light switch - testing, removal and installation

### Testing

1 The back-up light circuit is controlled by a plunger-type switch screwed into the left-hand side of the Getrag transmission casing, and the right-hand side of the ZF transmission casing. If a fault develops in the circuit, first ensure that the circuit fuse has not blown.

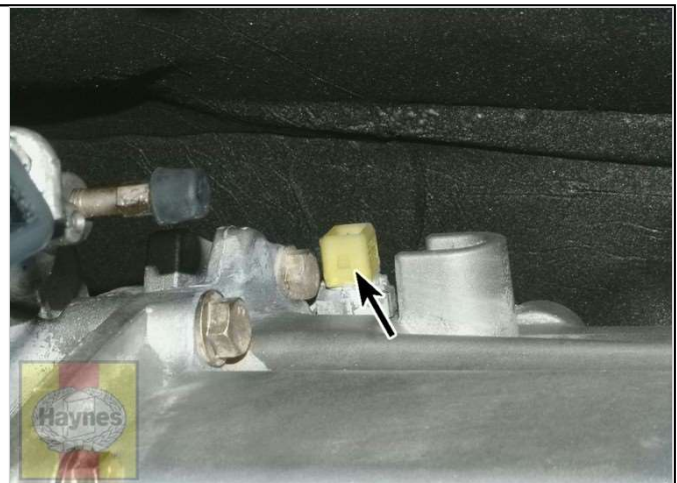
2 To test the switch, disconnect the wiring connector, and use a multimeter (set to the resistance function) or a battery-and-bulb test circuit to check that there is continuity between the switch terminals only when reverse gear is selected. If this is not the case, and there are no obvious breaks or other damage to the wires, the switch is faulty, and must be replaced.

### Removal

3 Raise the vehicle and support it securely on jackstands.

4 Disconnect the wiring connector, then unscrew the switch from the transmission casing (see illustration).

#### 4.4 Back-up light switch



### Installation

**5 Screw the switch back into position in the transmission housing and tighten it securely. Reconnect the wiring connector, and test the operation of the circuit.**

**6 Lower the vehicle to the ground.**

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