



Haynes
shows you how

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

11 Door - removal, installation and adjustment

Warning:

The models covered by this manual are equipped with Supplemental Restraint systems (SRS), more commonly known as airbags. Always disarm the airbag system before working in the vicinity of any airbag system component to avoid the possibility of accidental deployment of the airbag, which could cause personal injury (see Chapter 12) . Do not use a memory saving device to preserve the ECM's memory when working on or near airbag system components.

Removal

- 1 Disconnect the cable from the negative terminal of the battery (see [Chapter 5, Section 1](#)).
- 2 Remove the Torx bolt securing the door check link to the pillar (see illustration) .

11.2 Disconnect the door check strap from the pillar



- 3 Unscrew the hinge nuts from both the upper and lower door hinges (see illustration) .

11.3 Unscrew the door hinge bolts



4 Have an assistant support the door, remove the retaining bolt and withdraw the door wiring connector from the pillar. Pull out the locking element and unplug the side airbag connector as the door is withdrawn (see illustrations) . If necessary the hinge pins can be unscrewed from the hinges.

11.4a Pull out the locking element and disconnect the door connector



11.4b The hinge pins can be unscrewed from the hinges



Installation

5 Maneuver the door into position and reconnect the wiring connector. Push the connector into the pillar and secure it in place with the bolt.

6 Engage the hinges with the studs on the door, and tighten the nuts securely. Note that if necessary, the position of the door can be adjusted by inserting or removing shims between the hinge and the door (available from BMW dealers).

7 Align the check link with the pillar, install and tighten the securing bolt.

Adjustment

8 Close the door and check the door alignment with surrounding body panels. If necessary, slight adjustment of the door position can be made by loosening the hinge retaining nuts and repositioning the hinge/ door as necessary. Once the door is correctly positioned, securely tighten the hinge nuts. If the paint work around the hinges has been damaged, paint the affected area with a suitable touch-in brush to prevent corrosion.

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