



**Haynes**  
shows you how

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

## 20 Exterior mirrors and associated components - removal and installation

### 3-Series models

#### Mirror assembly

- 1 Carefully unclip the mirror interior trim panel from the inside of the door and disconnect the motor wiring connector (see illustrations) .

##### 20.1a Unclip the inner trim panel door . . .



##### 20.1b . . . and disconnect the mirror wiring connector



2 Remove the retaining bolts and remove the mirror from the door. Recover the rubber seal which is fitted between the door and mirror; if the seal is damaged it must be renewed (see illustration) .

**20.2 Unscrew the three retaining bolts and remove the mirror assembly from the door**



3 Installation is the reverse of removal, tightening the mirror bolts to the specified torque.

## Mirror glass

### Note:

If the mirror glass is removed when the mirror is cold the glass retaining clips are likely to break.

4 Tilt the mirror glass fully upwards.

5 Insert a wide plastic or wooden wedge in between the base of the mirror glass and mirror housing and carefully pry the glass from the motor (see illustration) . Take great care when removing the glass; do not use excessive force as the glass is easily broken.

**20.5 Take great care not to break the glass when removing it from the mirror**



6 Remove the glass from the mirror and, where necessary, disconnect the wiring connectors from the mirror heating element.

7 On installation, reconnect the wiring to the glass and clip the glass onto the motor, taking great care not to break it.

## Mirror switch

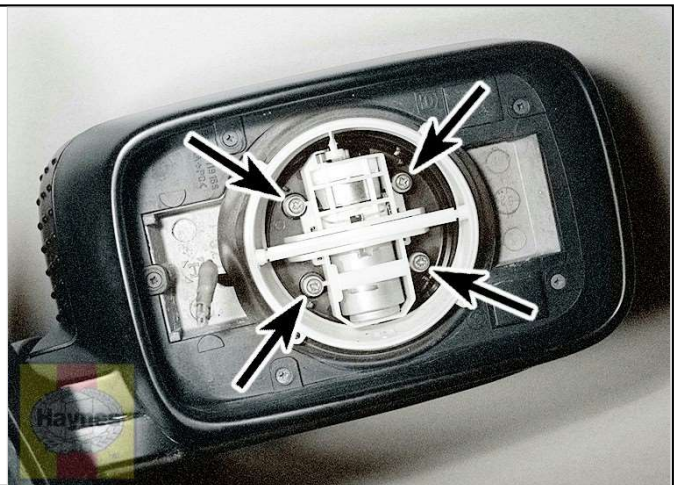
8 Refer to [Chapter 12](#) .

## Mirror motor

9 Remove the mirror glass as described above.

10 Unscrew the retaining screws and remove the motor, disconnecting its wiring connector as it becomes accessible (see illustration) .

**20.10 Exterior mirror motor retaining screws (arrows)**



11 On installation reconnect the wiring connector and securely tighten the motor screws. Check the operation of the motor then install the glass as described above.

## Z3 models

### Mirror assembly

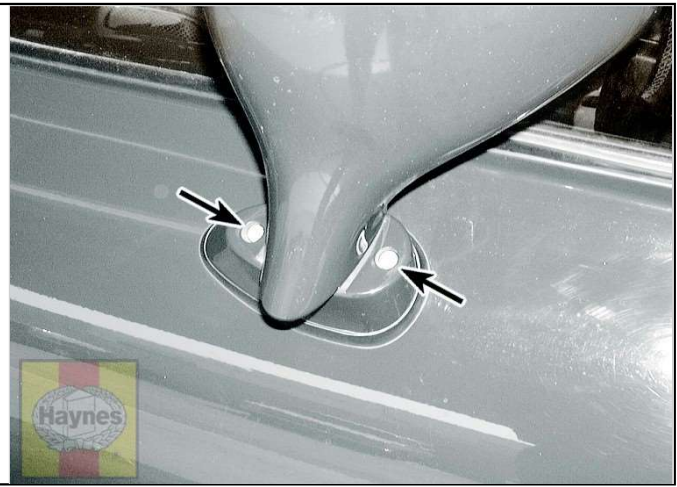
12 Remove the door trim panel (see [Section 12](#) ).

13 Detach the electrical harness retaining clips from the mirror.

14 If the vehicle is equipped with heated mirrors, unplug the electrical connector for the heater grid harness.

15 To access the mirror mounting screws, rotate the mirror assembly forward 90 degrees. Remove the two screws (see illustration) .

**20.15 To access the mirror mounting screws (arrows), rotate the mirror 90 degrees**



16 Remove the mirror and carefully feed the wiring harness through its hole. If you plan to reuse the same mirror assembly, be careful not to cut or damage the harness.

17 Installation is the reverse of removal.

## Mirror glass

18 Refer to Steps 4 through 7.

## Mirror switch

19 Refer to [Chapter 12](#) .

## Mirror motor

20 Refer to Steps 9 through 11.