



Haynes
shows you how

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

20 Mirrors and associated components - removal and installation

Exterior mirror assembly

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

2 Carefully pull the plastic trim away from the front inner edge of the door. On Coupe models, carefully pry away the top of the triangular plastic trim over the mirror mounting, then lift it from position (see illustrations) .

20.2a Note the clips securing the plastic trim at the front of the door edge

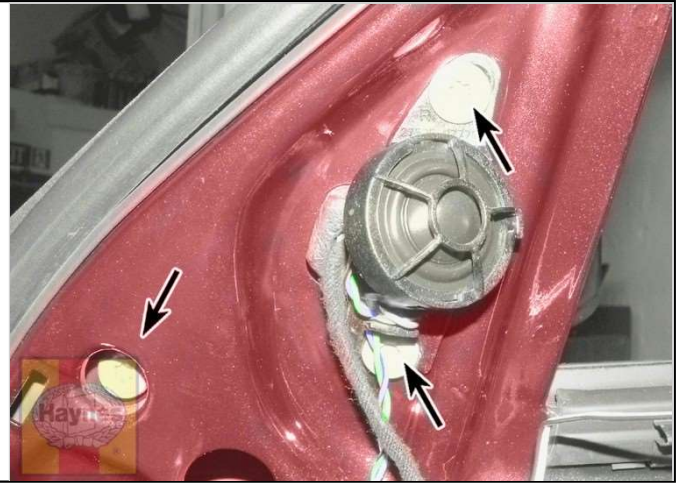


20.2b On Coupe models, lift the trim from position



3 Remove the retaining Torx bolts and remove the mirror from the door. Recover the rubber seal between the door and mirror; if the seal is damaged it must be replaced (see illustration) . Disconnect any wiring connectors as the mirror is withdrawn.

20.3 The mirror is secured by three Torx bolts



4 Installation is the reverse of removal, tightening the mirror bolts to the torque listed in [this Chapter's Specifications](#) .

Exterior mirror glass

Note:

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

5 Tilt the mirror glass fully upwards.

6 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.

20.6 Carefully pry the mirror glass from the positioning motor



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

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

Exterior mirror switch

9 Refer to [Chapter 12](#) .

Exterior mirror motor

10 Remove the mirror glass as described above.

11 Remove the three retaining screws and pull the motor from position, lower edge first (see illustration) . Disconnect the wiring connector as the motor is withdrawn.

20.11 Remove the three screws and pull the motor, lower edge first, from the housing



12 Installation is the reversal of removal.

Exterior mirror housing cover

13 Remove the mirror glass as described above.

14 Release the four retaining clips and remove the mirror housing cover to the front (see illustration) .

20.14 Release the retaining clips and remove the mirror housing cover



15 Installation is a reversal of removal.

Interior mirror

16 There are essentially two different types of mirror arms and mountings. One type has a plastic cover over the plug connection, and the other type has a mirror arm which splits in two to reveal the wiring connector.

Plastic cover type arm

17 Carefully lever out the plastic cover, and disconnect the mirror wiring connector (where applicable).

18 Strike the lower part of the mirror forwards with the ball of your hand to unclip the arm from the mounting.

Caution: *Do not twist the arm while attempting removal as the clip will be damaged, and do not pull the arm to the rear as the windshield may be damaged.*

Split cover mirror arm

19 Press the two sides of the arm covers towards the mirror and pull the two sides apart. On mirrors equipped with a rain sensor, press up at the base of the covers and pull the two sides apart (see illustrations) .

20.19a Pull the two sides of the cover apart



20.19b Press up at the base and pull the two sides apart



20 Push the right-hand side of the mirror upwards and towards the front. Swivel the left-hand arm cover to the left and unclip it from the metal part of the arm.

21 Push the left-hand side of the mirror upwards and towards the front. Swivel the right-hand arm cover to the right and unclip it from the arm.

22 Disconnect the mirror wiring connector.

23 Strike the lower part of the mirror forwards with the ball of your hand to unclip the arm from the mounting.

Caution: *Do not twist the arm while attempting removal as the clip will be damaged, and do not pull the arm to the rear as the windshield may be damaged .*

All types

24 To install the mirrors, position the mirror arm over the mounting at an angle of 45-degrees to the vertical on the driver's side. Push the arm to the vertical and check that it engaged correctly (see illustration) . Where applicable, install the covers and reconnect the wiring connector.

20.24 Position the mirror arm over the mounting at an angle of 45-degrees

