



**Haynes**  
shows you how

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

## 16 Door window glass and regulator (Z3 models) - removal, installation and adjustment

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

2 Remove the vapor barrier.

### Fixed window glass

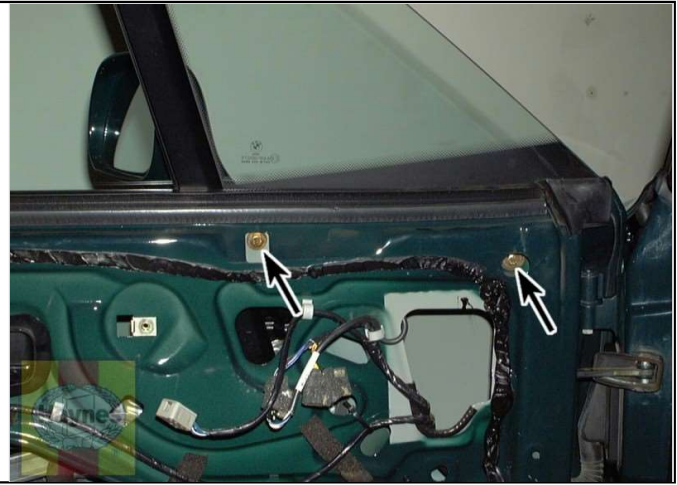
3 Remove the bolt from the front window channel, under the front of the door (see illustration) .

**16.3 Remove the bolt (arrow) from the front window channel**



4 Remove the two retaining screws from the bottom of the frame that attaches the fixed glass to the door (see illustration) .

**16.4 To detach the frame that attaches the fixed glass to the door, remove these two retaining screws (arrows)**



5 To remove the fixed window, lift it straight up.

6 Installation is the reverse of removal. When you're done, check the adjustment of the door window glass (see below).

## Door window

### Removal and installation

7 Remove the fixed door glass (see Steps 3 through 5).

8 With the window closed, raise the window about 4 to 8 inches.

9 Slide the window forward through the large opening in the door and out of the horizontal window regulator channel at the front.

10 Pivot the front of the window up and out of the door while simultaneously sliding the glass out of the horizontal window regulator channel at the rear.

11 Installation is the reverse of removal. Adjust the window before installing the vapor barrier and the door trim panel.

### Adjustment

12 Verify that the window glass is parallel to its frame. If adjustment is necessary, loosen the regulator rail mounting bolt, reposition the rail and then retighten the regulator rail mounting bolt.

13 Verify that the edge of the window glass seats uniformly against the rubber seal/weatherstrip and that the fixed glass is flush to the A-pillar at the windshield frame. If adjustment is necessary, loosen the bolts at the front and rear window channels and reposition the channels as necessary.

14 When you're done, tighten the bolts.

15 Verify that the door window glass, when closed, is parallel to the fixed door glass. If height adjustment is necessary, turn the height adjustment stop screw on the regulator.

## Regulator

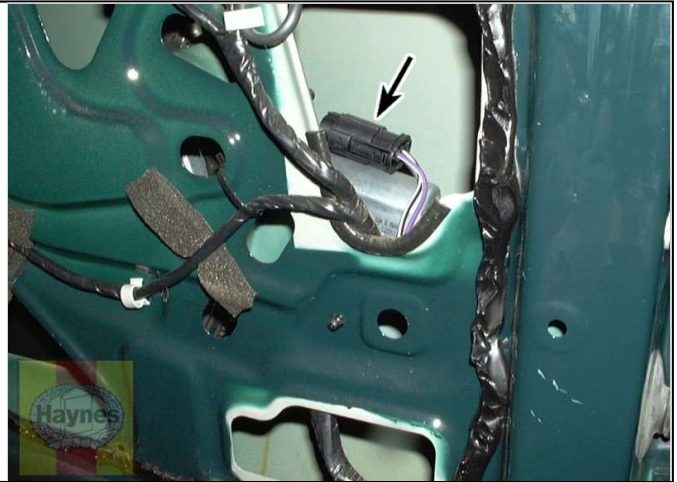
16 Remove the door trim panel (see [Section 12](#)).

17 Remove the vapor barrier.

18 Remove the fixed door glass and the window glass (see above).

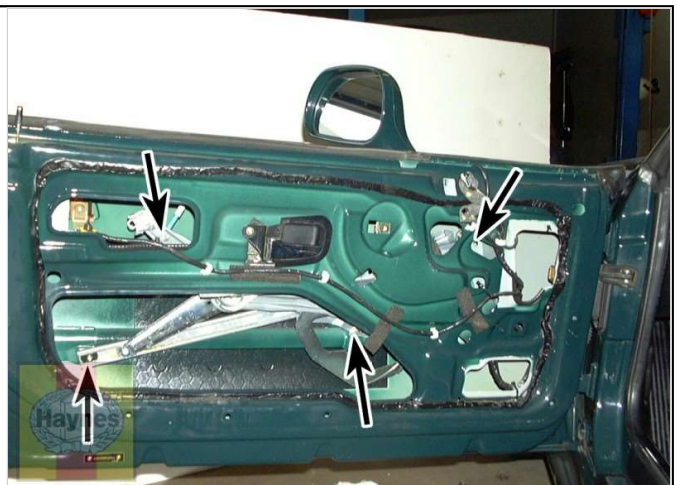
19 Unplug the electrical connector (see illustration) for the regulator wiring harness.

**16.19 Unplug the electrical connector (arrow) for the regulator wiring harness**



20 Remove the regulator-to-door mounting screws (see illustration) .

**16.20 To detach the regulator from the door, remove these four mounting bolts (arrows)**



21 Remove the regulator assembly from the door cavity. If necessary, operate the motor to reposition the regulator sector for more clearance.

**22 Installation is the reverse of removal.**

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