

512 Door Windows

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GENERAL

This heading covers replacement of the front and rear door glass. Also covered here is the replacement of the power window regulator and power window motor. For removal and installation of the doors and door panels, see **411 Doors**.

WARNING—

- Always wear hand and eye protection when working with broken glass.
- If the window is broken, all of the glass bits should be vacuumed out of the door cavity. Use a blunt screwdriver to clean out any remaining glass pieces from the window guide rails.

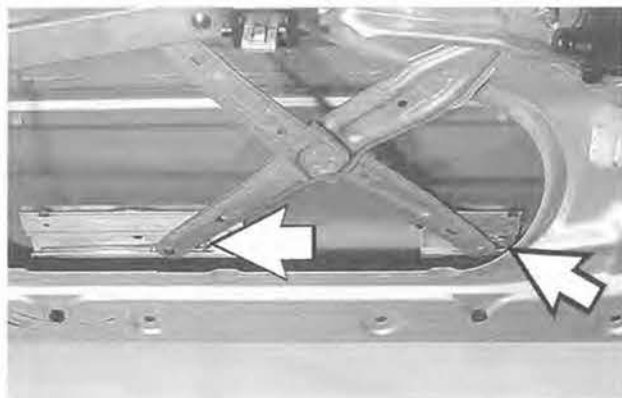
WINDOW SERVICE

Front door window, removing/installing

- Remove outside mirror from door. See **510 Exterior Trim, Bumpers**.
- Remove interior door panel. See **411 Doors**.
- Lower front window. Remove retaining clips (**arrows**) from window slides.

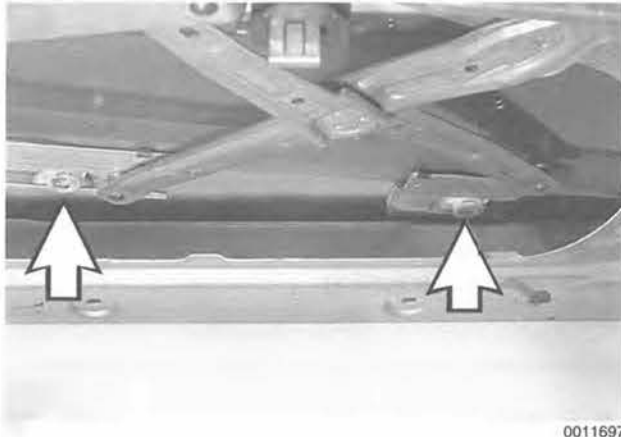
NOTE—

Once window is lowered, disconnect harness connector from power window motor to prevent accidental operation of window.



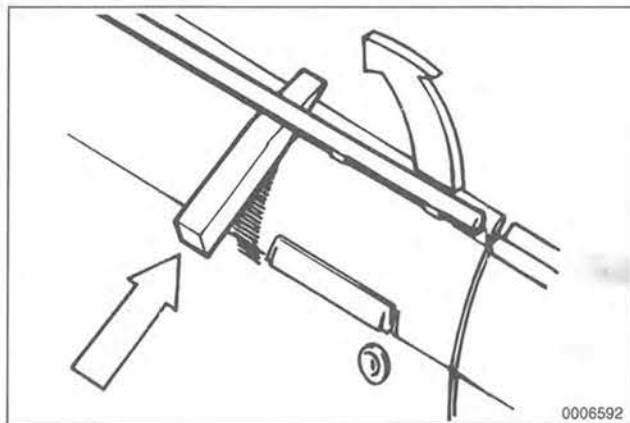
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512-2 DOOR WINDOWS



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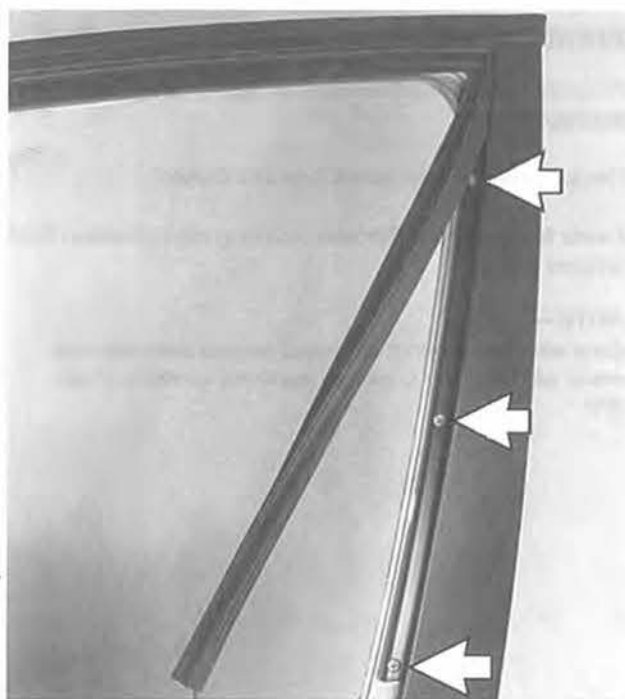
➤ Pry window lifting arms from slides (**arrows**).



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➤ Using wooden wedge carefully pry off outer window trim from top of door. Lift off remaining inner seal.

— Remove plastic trim from door frame perimeter. Pull rubber window channel out of door frame.



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➤ Remove window screws (**arrows**) from trim cover and remove trim cover by sliding down and off.

— Remove window glass from above.

— Installation is reverse of removal.

- When inserting window into door, be sure glass aligns with left and right guides as it is lowered into the door.
- If necessary, adjust door window as described later.

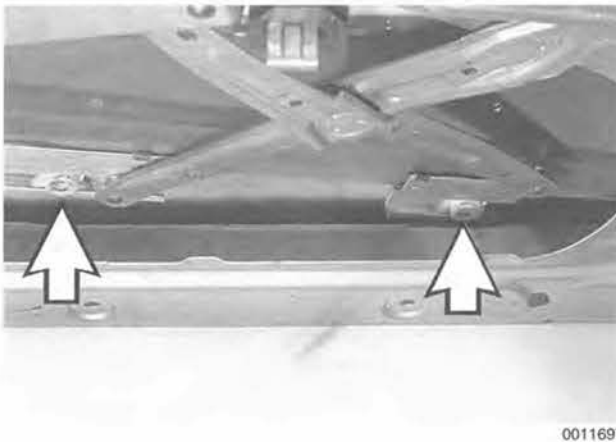
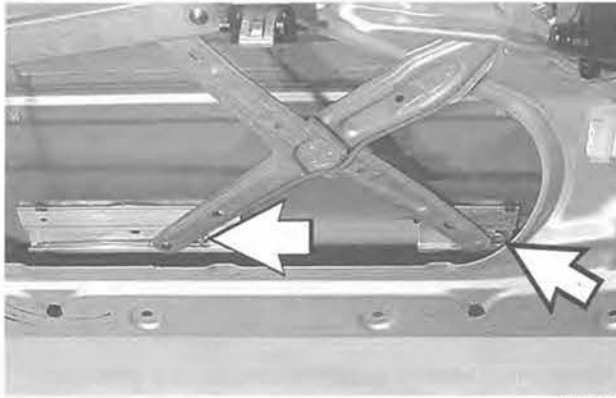
Rear door window, removing/installing

— Remove interior door trim panel. See 411 Doors.

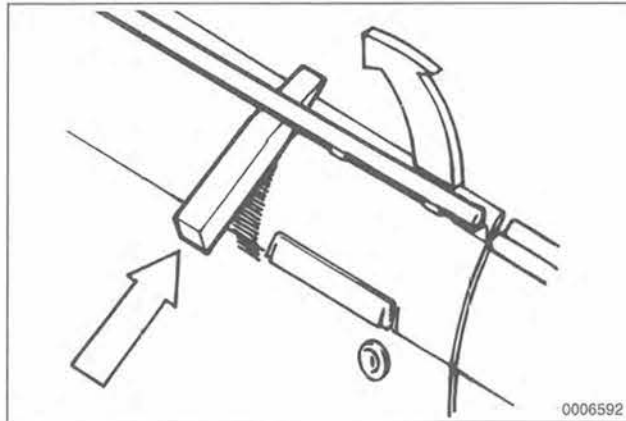
➤ Lower window. Remove retaining clips from window slides (arrows).

NOTE—

Once window is lowered, disconnect harness connector from power window motor to prevent accidental operation of window.

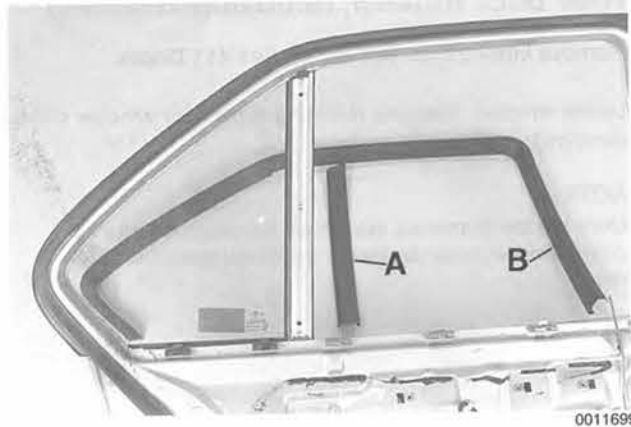


➤ Pry window lifting arms from slides (arrows).

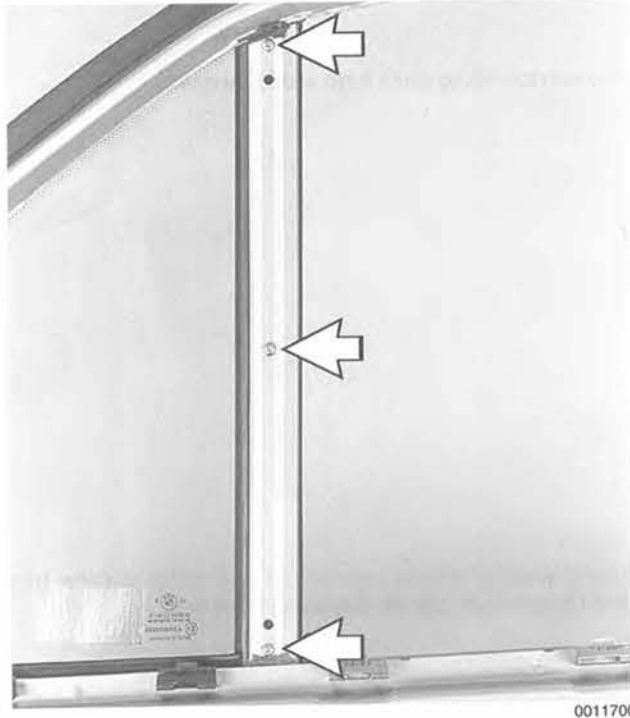


➤ Using wooden wedge carefully pry off outer window trim from top of door. Lift off remaining inner seal.

512-4 DOOR WINDOWS



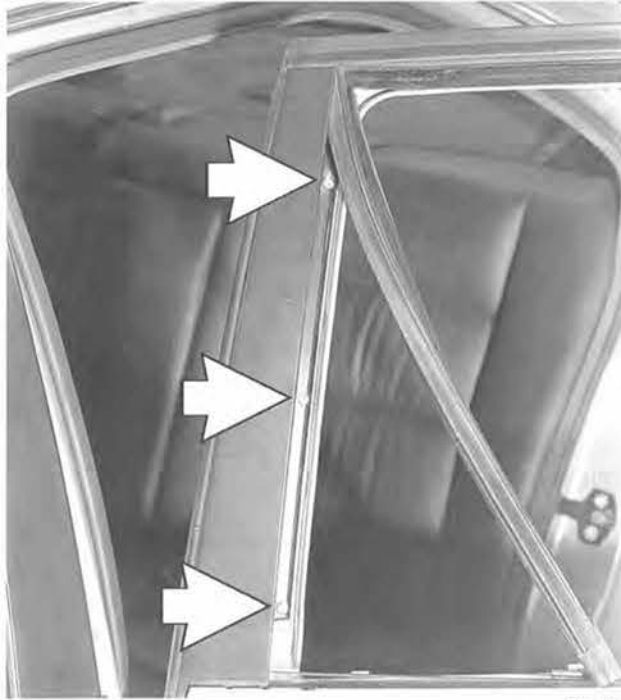
➤ Remove inside window trim pieces (A and B) by prying/pulling off door.



➤ Remove rear window guide mounting screws (arrows).

— Pull off exterior trim cover from rear window guide. Pull rubber window channel from door frame.

DOOR WINDOWS 512-5

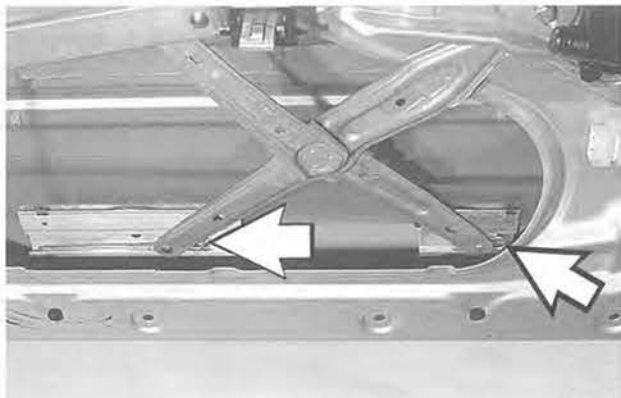


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- Remove outside trim cover mounting screws (**arrows**) and remove trim cover by sliding up and off window guide.
- Remove window glass from above.
- Installation is reverse of removal.
 - When inserting window into door, be sure glass aligns with left and right guides as it is lowered into the door.
 - If necessary, adjust door window as described below.

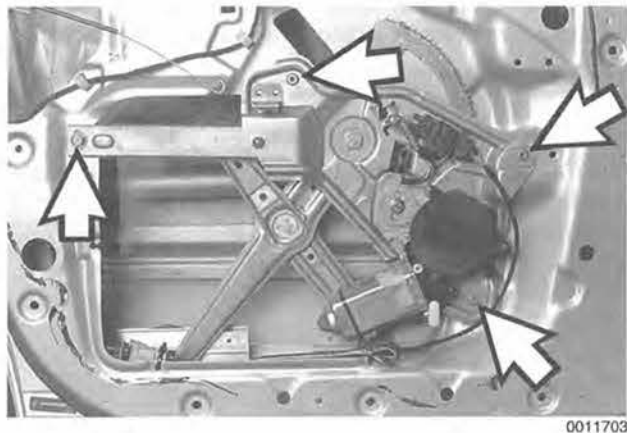
Door window regulator and window motor, removing and installing

- Lower window. Remove power window switch and disconnect plug from switch. See **Center console, removing and installing** in 513 Interior Trim.
- Remove interior door panel. See **411 Doors**.
- Remove retaining clips for window slides (**arrows**).
- Pry window lifting arms out of left and right slides.
- Detach electrical harness connector from window regulator motor.



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512-6 DOOR WINDOWS



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- Remove window regulator mounting bolts or rivets (arrows).

NOTE—

The regulator may be mounted to the door with rivets. If necessary, drill out rivets and replace with hex head bolts (M6 x 10) and nuts.

- Remove regulator assembly from door.
- Unbolt power window motor from rear of regulator.
- Installation is reverse of removal.
 - If necessary, adjust door window as described later.

Tightening Torque

- Window regulator to door 9 Nm (80 in-lb)

Door windows, adjusting

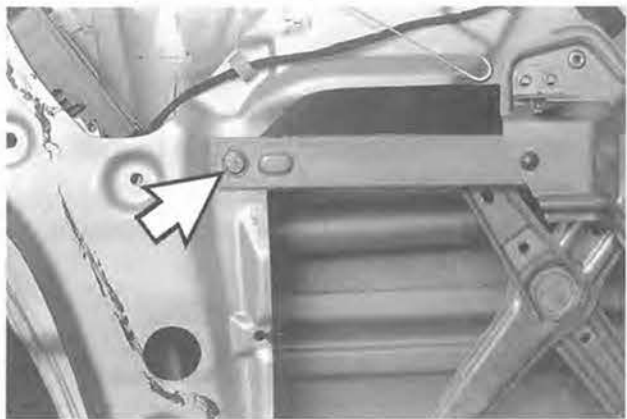
This procedure applies to both front and rear windows.

Whenever the window regulator is removed, the window adjustment should be checked. The glass should contact the top of the window squarely and should seat against the window seal uniformly.

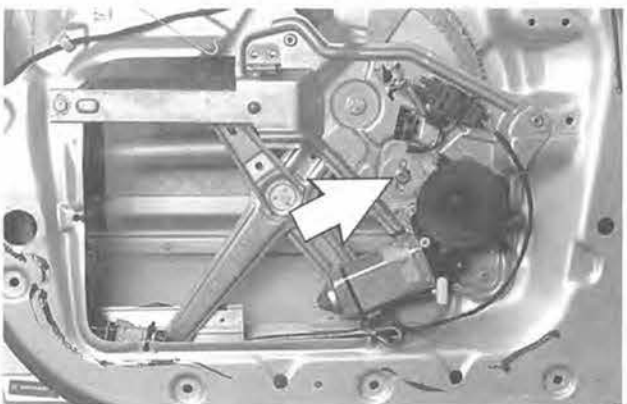
NOTE—

If the window seal does not contact the door glass uniformly, wind noise will result.

- Remove interior door panel. See 411 Doors.
- Adjust window to door frame by loosening bolt (arrow) and repositioning bracket.
- Adjust window bottom stop by loosening bolt (arrow) and repositioning stop plate.



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