

Door window

Front door window, assembly overview

1 - Window channel

- ◆ Pushed onto flange

2 - Door window

- ◆ Removing ⇒ [Page 64-52](#)
- ◆ Adjusting ⇒ [Page 64-53](#)

3 - Door

4 - Outer window channel

- ◆ Pushed onto flange

5 - Window slot seal

- ◆ Pushed onto flange

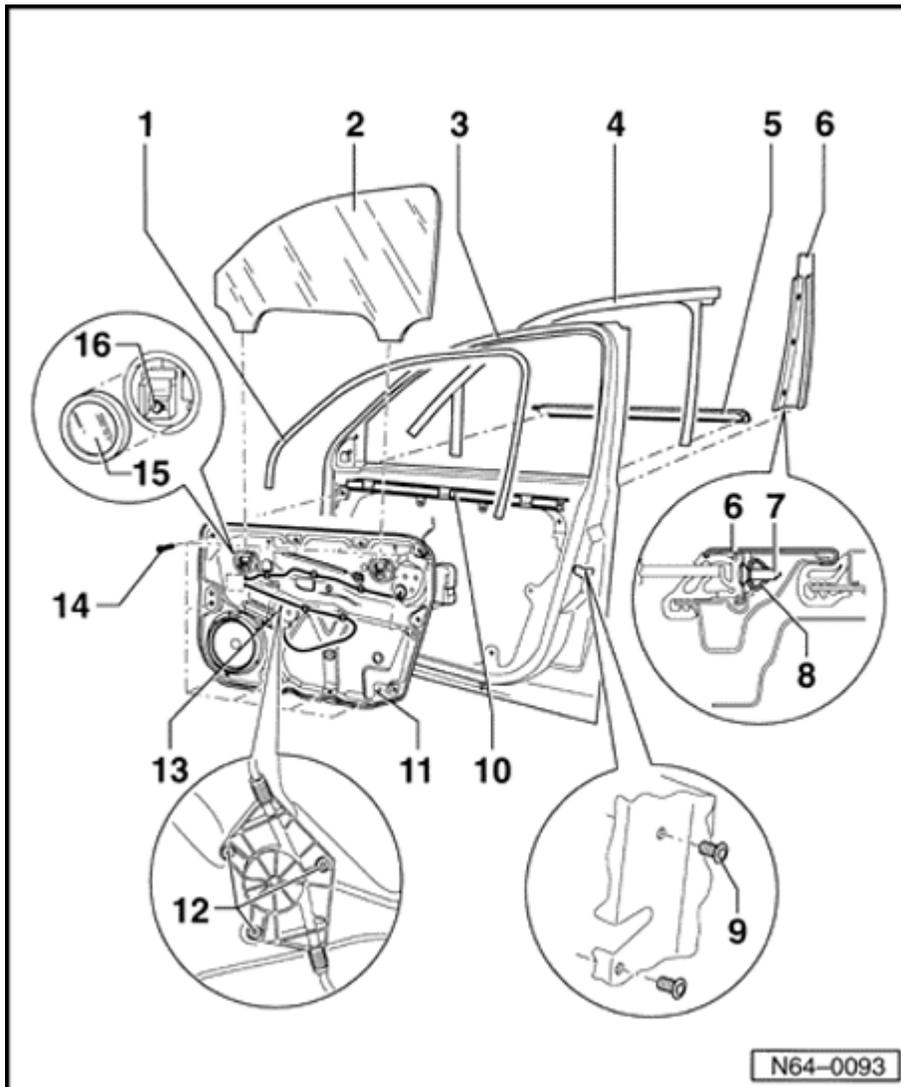
6 - Trim

7 - Cross-head screw

8 - Spring clip

9 - Screw

- ◆ 20 Nm



10 - Window slot seal

- ◆ Pushed onto flange

11 - Assembly carrier

- ◆ Removing and installing ⇒ [Page 64-54](#)
- ◆ Window lifter is part of assembly carrier

12 - Bolt

- ◆ 8 Nm

13 - Motor for window lifter

- ◆ Is screwed onto assembly carrier from the back with bolt - 12 -
- ◆ Removing and installing ⇒ [Page 64-70](#)

14 - Bolt

- ◆ 8 Nm

15 - Cover cap

16 - Bolt

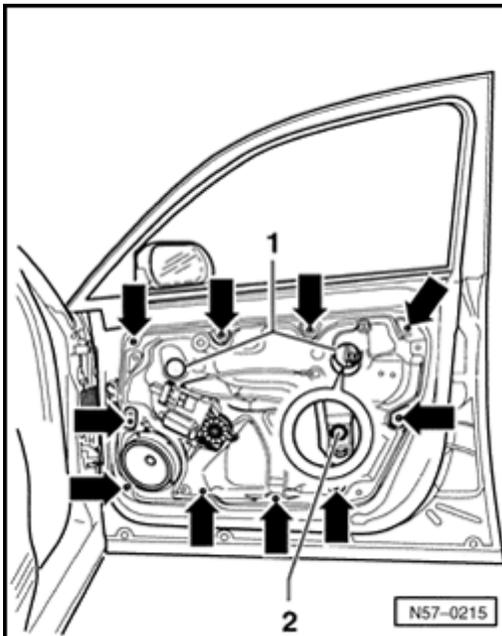
- ◆ 8 Nm



Front door window, removing

- Removing front door trim

⇒ [Repair Manual, Body Interior, Repair Group 70; Door trim](#)



A

- Lever out cover cap -1-.
- Lower door window until clamp securing bolts are accessible.

If the electrically driven door window will not lower sufficiently then proceed as described on page ⇒ [Page 57-20](#) and ⇒ [Page 57-21](#) .

- Loosen bolts -2- and press clamps apart.



A

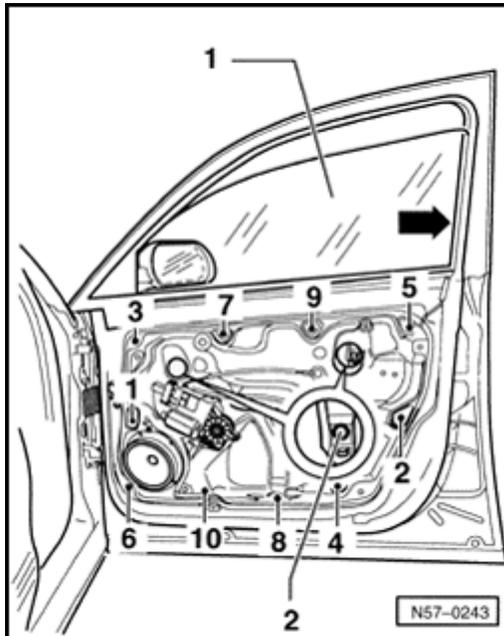
- Lift rear of door window and take out of door forwards, in direction of arrow.



Door window, adjusting

A

- The door window clamping jaws must be positioned in the assembly opening.
- Loosen clamping jaws, push door window -1- into window channel - arrow- and tighten clamping jaws bolts -2- (10 Nm).





Assembly carrier, removing and installing

The window lifters, the door lock and the loudspeaker are secured to the assembly carrier.

The window lifter is supplied with the assembly carrier.

The assembly carrier can only be removed when the door window clamping brackets of the window lifter are unscrewed. To do this lower door window to the height of the assembly holes in assembly carrier and loosen clamping brackets.

If electrical windows cannot be lowered then the cause of the fault must be determined first.

To do this interrogate convenience locking systems fault memory (address word 46) with fault reader V.A.G 1551

⇒ [Repair Manual, Body On Board Diagnostic \(OBD\), Repair Group 01; Self-diagnosis convenient locking system.](#)

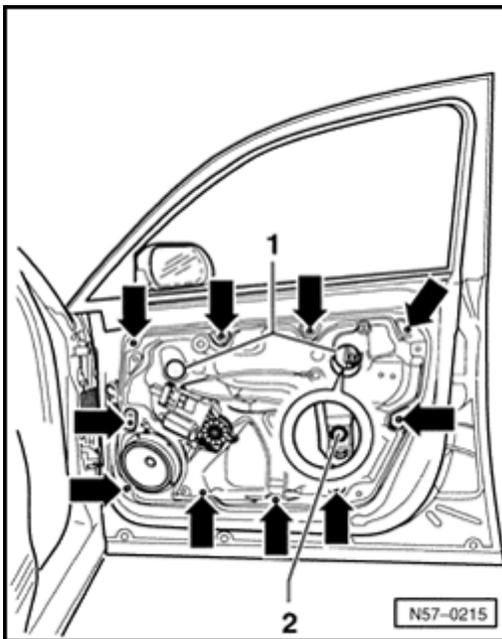


Removing

- Removing front door trim

⇒ [Repair Manual, Body Interior, Repair Group 70; Door trim](#)

- Removing lock cylinder housing ⇒ [Page 57-13](#) .

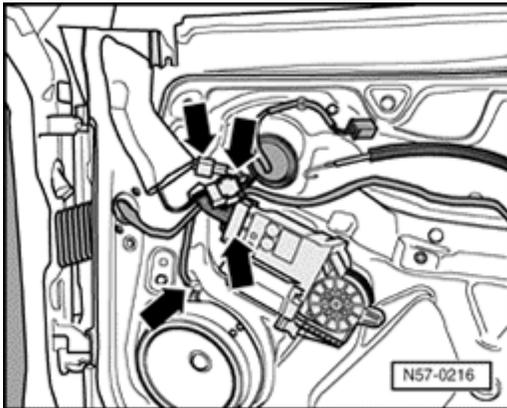


A

- Lever out cover cap -1-.

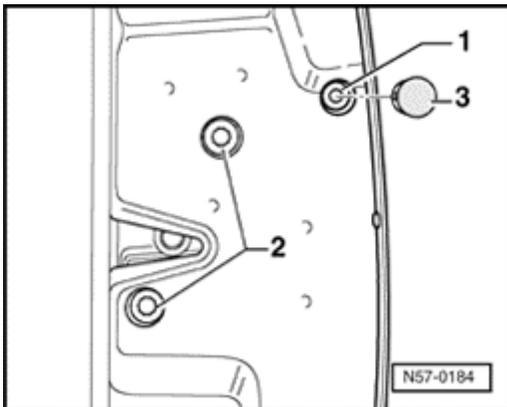
If the electrically driven door window will not lower sufficiently then proceed as described on page ⇒ [Page 57-20](#) and ⇒ [Page 57-21](#) .

- Lower door window until securing bolts for door window are accessible.
- Loosen bolts -2- and press clamps apart.
- Push window upward and secure in position (e.g. with adhesive tape).



A

- Disconnect all connections -arrows-.

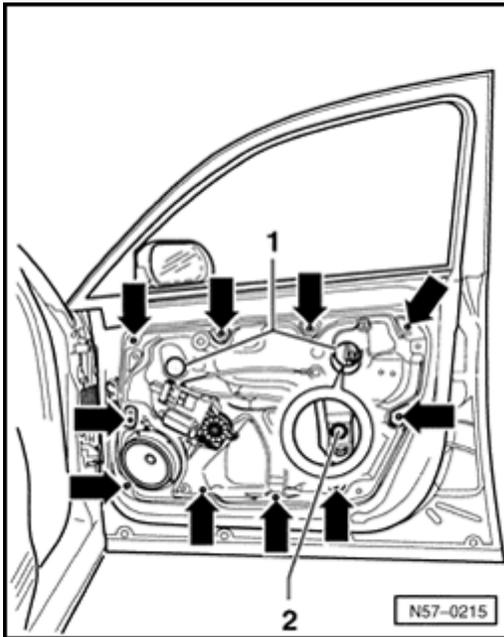


A

- Lever out cover cap -3-.

- Unscrew bolts -2-

Tightening torque: 20 Nm.



A

- Unscrew bolts -arrows-. Pull top of assembly carrier off door, lift and take out of door towards hinges.
- Turn assembly carrier and pull connector off door lock.
- Then unclip clips for electrical cables on back of assembly carrier.



Installing

- Insert assembly carrier in door.

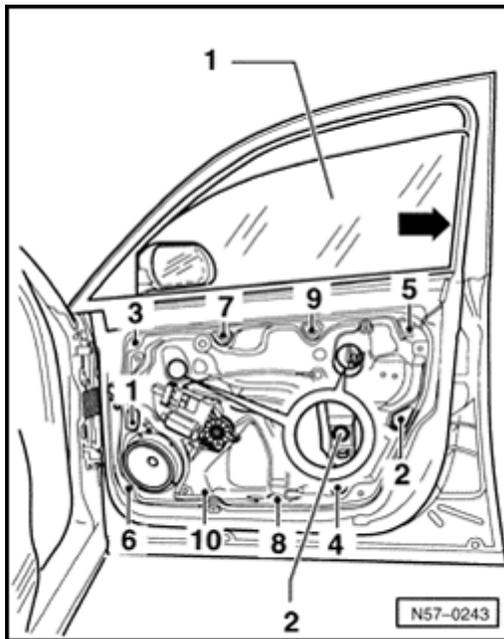
A

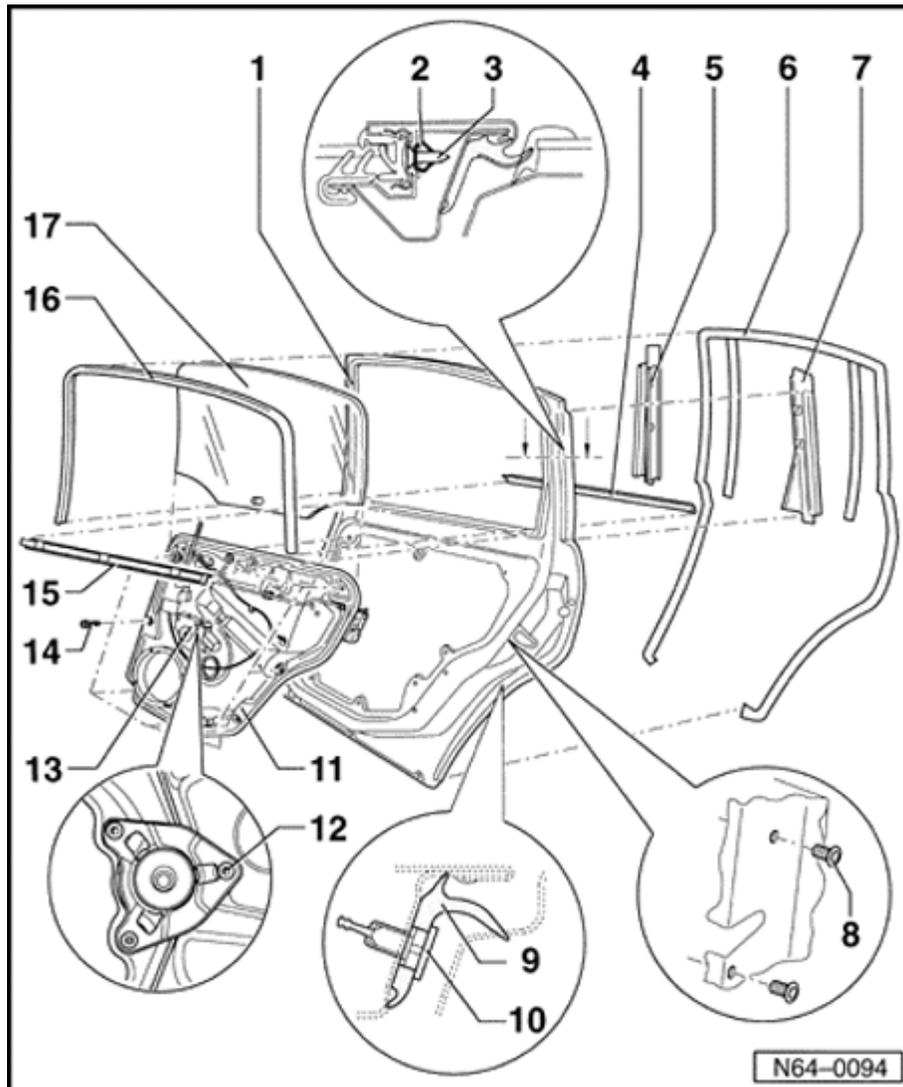
- Fit bolts and tighten in the prescribed sequence

Tightening torque: 8 Nm.

- Loosen clamping jaws, push door window -1- into window channel - arrow- and tighten clamping jaws bolts -2- (10 Nm).

Install remainder in reverse order.





Rear door window, assembly overview

1 - Door

◆ Removing and installing ⇒ [Page 58-5](#)

2 - Spring clip

3 - Cross-head screw

4 - Window slot seal

◆ Pushed onto flange

5 - Trim

6 - Outer window channel

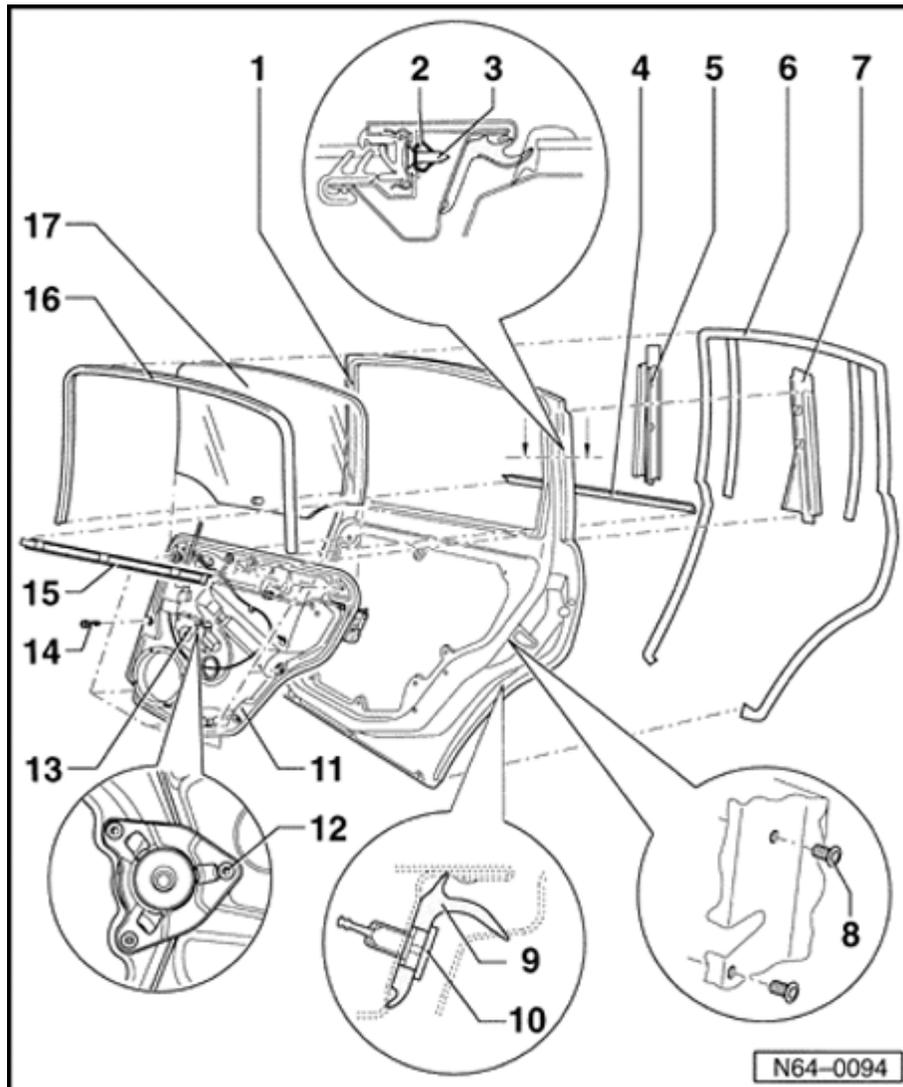
◆ Pushed onto flange

7 - Trim

8 - Bolt

9 - Seal

10 - Clip



11 - Assembly carrier

- ◆ Removing and installing ⇒ [Page 64-65](#)
- ◆ Window lifter is part of assembly carrier

12 - Bolt

- ◆ 8 Nm

13 - Motor for window lifter

- ◆ Is screwed onto assembly carrier from the back with bolt - 12 -
- ◆ Removing and installing ⇒ [Page 64-70](#)

14 - Bolt

- ◆ 8 Nm

15 - Window slot seal

- ◆ Pushed onto flange

16 - Inner window channel

- ◆ Pushed onto flange

17 - Door window

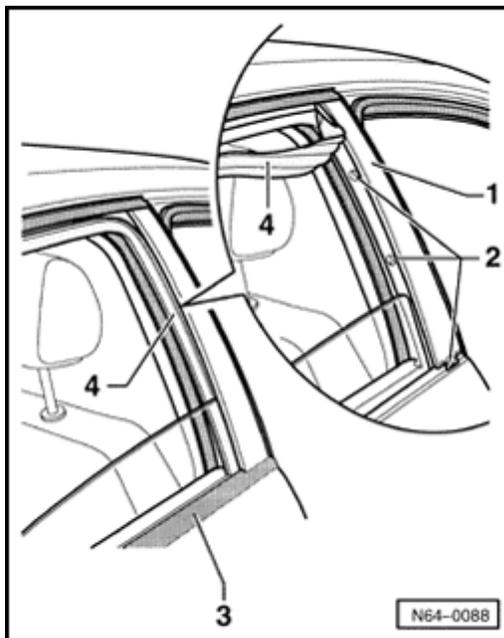
- ◆ Removing ⇒ [Page 64-61](#)



Rear door window, removing

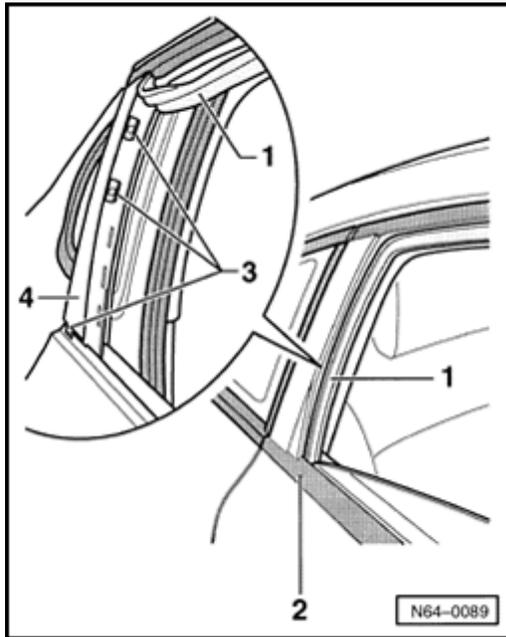
- Removing rear door trim

⇒ [Repair Manual, Body Interior, Repair Group 70; Removing and installing door trim](#)



A

- Pull outer window slot seal -3- off door flange.
- Pull window guide -4- out of trim -1-.
- Unscrew bolts -2- and take trim -1- off door frame.

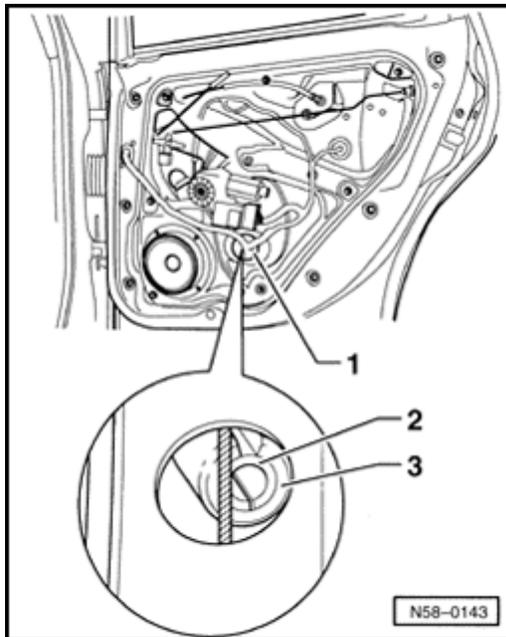


A

- Pull outer window slot seal -2- off door flange.
- Pull window guide -1- out of trim -4-.
- Unscrew bolts -3- and take trim -4- off door frame.



- Remove housing from door handle ⇒ [Page 57-13](#) , removing lock cylinder housing.



A

- Lever out cover cap -1-.

If a door window with electrical drive will not lower fully, proceed as described on page ⇒ [Page 57-20](#) and ⇒ [Page 57-21](#) .

- Lower door window until the spreader pin -2- and the spreader plug -3- are accessible in the window lifter cut-out.

Note:

When pressing out the spreader pin and the spreader plug ensure that the door outer panel is not damaged.

Pressed out spreader pins must be removed from door.

- Press spreader pin -2- out of spreader plug -3- with a 3 mm \varnothing drift.
- Press spreader plug -3- out of door window with a 3 mm \varnothing drift.
- Take door window out of door upwards.

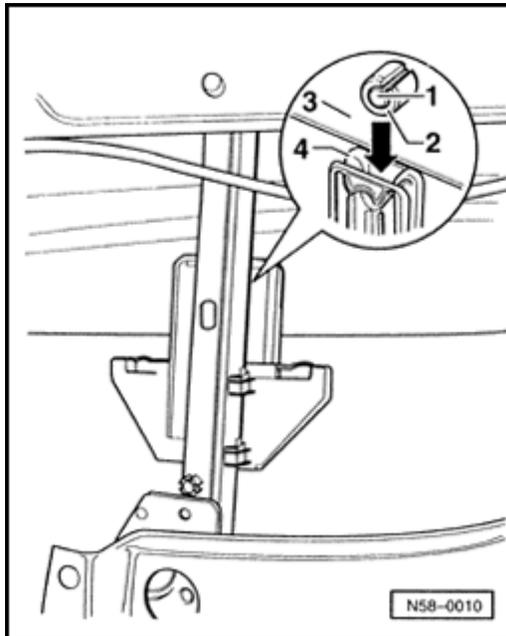


Door window to window lifter, fitting

A

- Insert spreader plug -2- and spreader pin -1- in the window.
- Set spreader plug projection on each side of window.
- Guide window into door.
- Lightly tap top of window, so that the window locates in lifting rail - arrow-.

Install remainder in reverse order.





Assembly carrier, removing and installing

The window lifters, the door lock and the loudspeaker are secured to the assembly carrier.

The window lifter is supplied with the assembly carrier.

The assembly carrier can only be removed when the door window is released from the window lifter. Do this by lowering the window to the height of the assembly holes in the assembly carrier and remove spreader pins.

If electrical windows cannot be lowered then the cause of the fault must be determined first.

To do this interrogate convenience locking systems fault memory (address word 46) with fault reader V.A.G 1551

⇒ [Repair Manual, Body On Board Diagnostic \(OBD\), Repair Group 01; Self-diagnosis convenient locking system.](#)

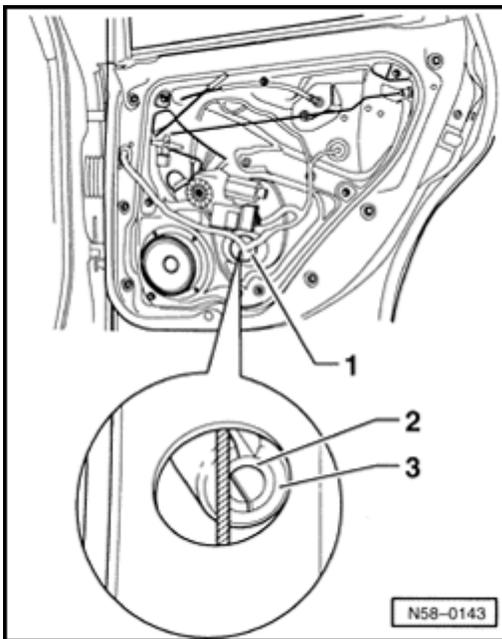


Removing

- Removing rear door trim

⇒ [Repair Manual, Body Interior, Repair Group 70; Removing and installing door trim](#)

- Remove housing from door handle ⇒ [Page 57-13](#) , removing lock cylinder housing.



A

- Lever out cover cap -1-.

If a door window with electrical drive will not lower fully, proceed as described on page ⇒ [Page 57-20](#) and ⇒ [Page 57-21](#) .

- Lower door window until spreader pin -2- and spreader plug -3- are accessible in the cut-out in the window lifter.

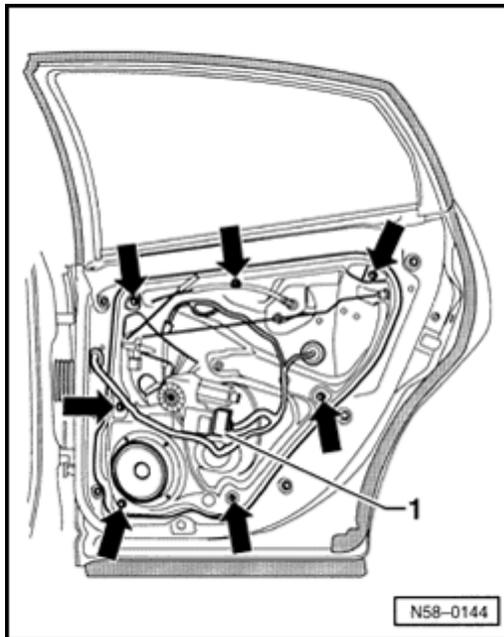
Note:

When pressing out the spreader pin and the spreader plug ensure that the door outer panel is not damaged.

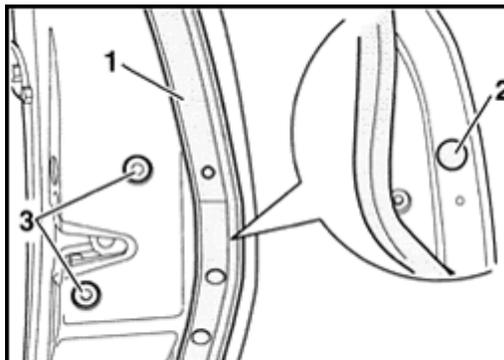
- Press spreader pin -2- out of spreader plug -3- with a 3 mm \varnothing drift.
- Press spreader plug -3- out of door window with a 3 mm \varnothing drift.



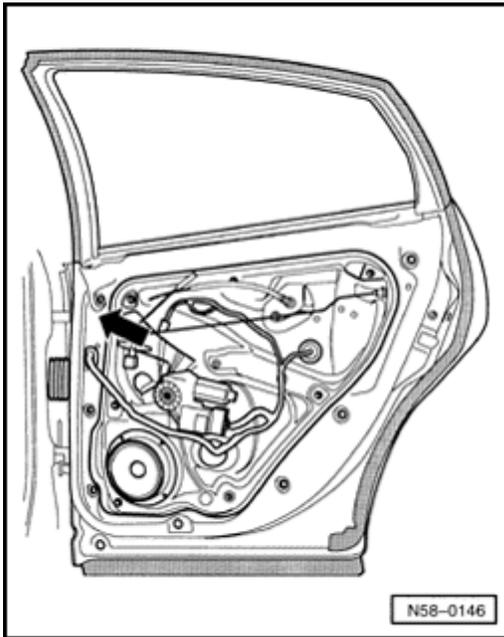
- Push window upward and secure in position (e.g. with adhesive tape).



- Separate connector -1-.
- Unscrew bolts -arrows-.



- Loosen door seal -1- in area of door lock.
- Lever out cover cap -2-.
- Unscrew bolts -3-.



A

- Pull assembly carrier at top off door, lift and take off door towards hinges.
- Turn assembly carrier and pull connector off door lock.
- Then unclip clips for electrical cables on back of assembly carrier.



Installing

- Insert assembly carrier in door.

A

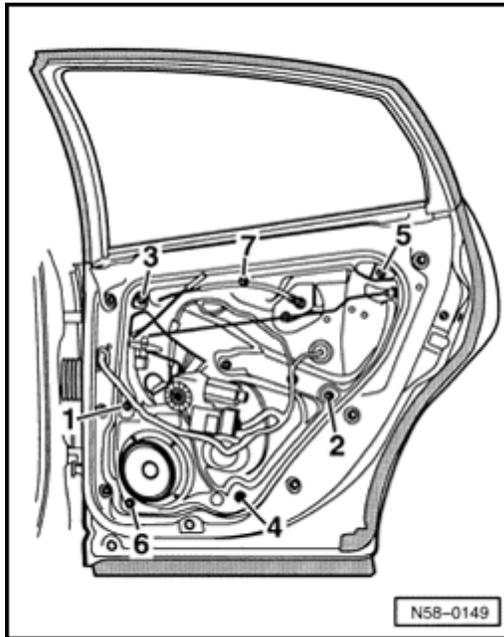
- Fit bolts and tighten in the prescribed sequence

Tightening torque: 8 Nm.

- Install door window, see Fitting door window to window lifter on page ⇒ [Page 58-21](#) .

Install remainder in reverse order.

- Then perform functional check.



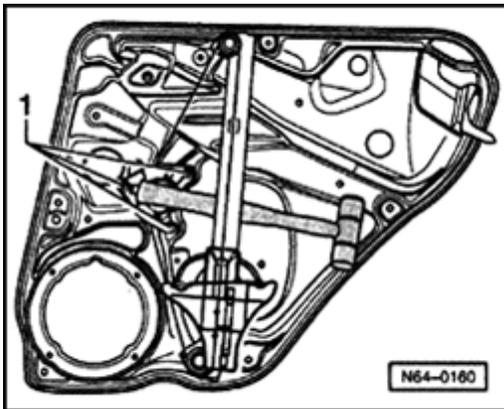


Window lifter motor or assembly carrier with window lifter, removing and installing

Removing

The illustration shows removal and installation of window lifter motor/assembly carrier with window lifter on the rear doors. The procedure for removing and installing on the front doors is the same.

Removing assembly carrier at front/rear ⇒ [Page 64-54](#) or ⇒ [Page 64-65](#) .



A

- Slide a hammer shaft between the window guide and the assembly carrier until the end of the hammer shaft presses against the assembly carrier.
- Remove screws -1- and take off window lifter motor.

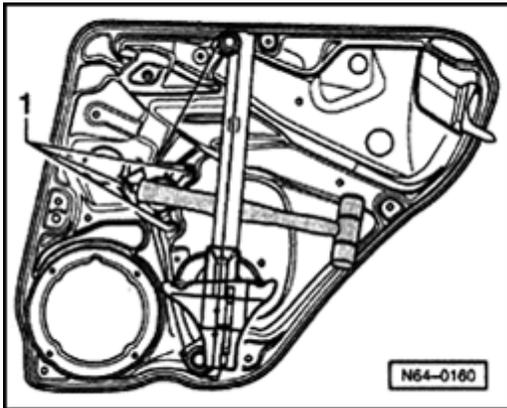
Installing window lifter motor



A

- The gearing will move when the window lifter motor is removed, it is then no longer centralized.
- The gearing must be aligned when the window lifter motor is installed

until the window lifter motor is centralized again.



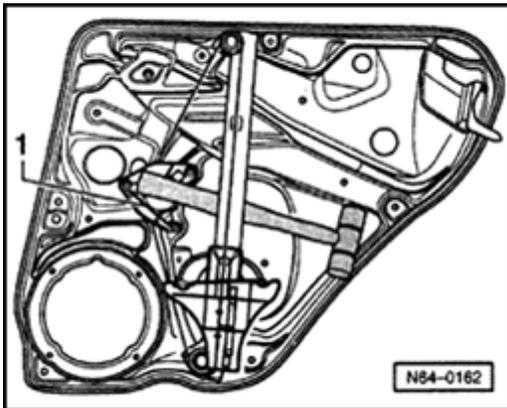
A

- Fit bolts -1- and tighten

Tightening torque: 3.5 Nm.

The tightening torque must be strictly adhered to, otherwise the plastic sleeve on the window lifter could be damaged.

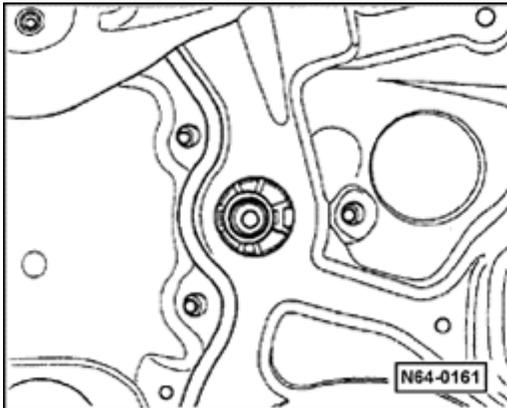
Installing assembly carrier with window lifter



A

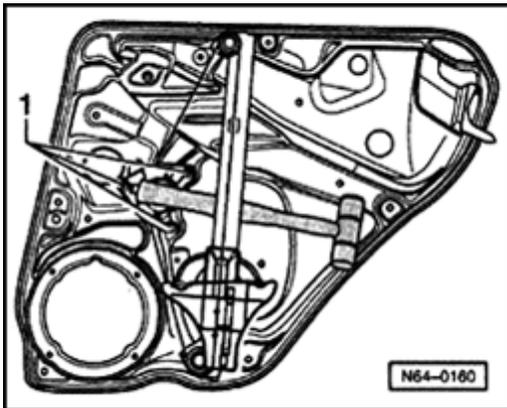
- On a replacement assembly carrier the gearing is secured with a cable tie -1- to prevent it moving or falling out.

- Slide a hammer shaft between the window guide and the assembly carrier until the end of the hammer shaft presses against the assembly carrier.
- Remove cable tie -1-.



A

- The gearing will move when the window lifter motor is removed, it is then no longer centralized.
- The gearing must be aligned when the window lifter motor is installed until the window lifter motor is centralized again.



A

- Fit bolts -1- and tighten

Tightening torque: 3.5 Nm.

The tightening torque must be strictly adhered to, otherwise the plastic sleeve on the window lifter could be damaged.