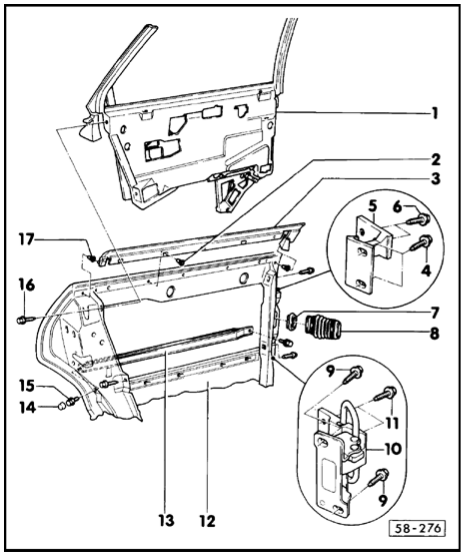
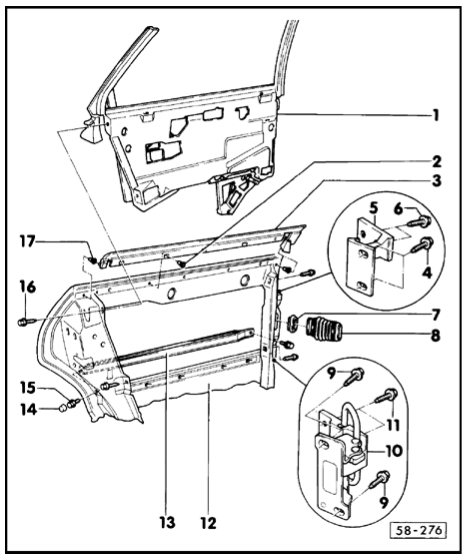
Audi > C4 > 1992 - 1998
Body Exterior, Interior
58 - Rear doors

Rear door shell/component carrier, assembly



WARNING!

DO NOT re-use any fasteners that are worn or deformed in normal use. Many fasteners are designed to be used only once and may fail when used a second time. This includes, but is not limited to, nuts, bolts, washers, self-locking nuts or bolts, circlips, cotter pins. Always follow recommendations given in this publication. For replacements always use new parts.



1 - Door component carrier

Removing:

- Remove rear door trim => page 70-6
- Unclip Bowden cable for door remote control
- Unhook and unclip Bowden cable for door lock => page 58-15
- Unplug connectors on vehicles with power windows
- Unscrew bolts -16- and remove carrier upward

Installing:

- Install all components in reverse order of removal, noting the following:
- Adjust carrier => page 58-22
- Check upper door window stop and adjust if necessary => page 58-10

2 - Clip

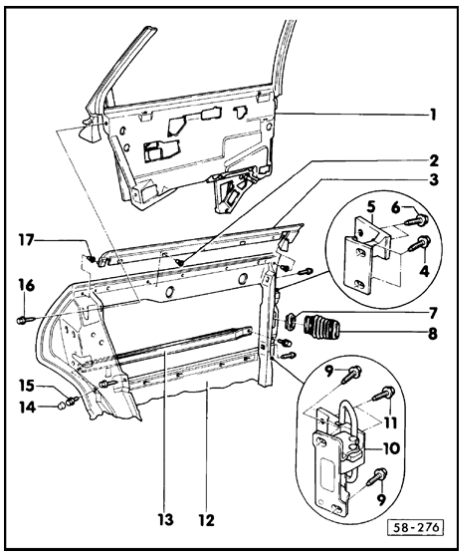
3 - Outer window slot seal

- Removing and installing => page 66-17

4 - Bolt

- 30 Nm (22 ft lb)

5 - Upper door hinge



6 - Bolt

- 30 Nm (22 ft lb)
- To remove, remove B-pillar trim => page 70-32

7 - Grommet

8 - Bellows

9 - Bolt

- 30 Nm (22 ft lb)

10 - Lower door hinge

- Lubricate new part => Fig. 1

11 - Bolt

- 30 Nm (22 ft lb)
- To remove bolts, remove B-pillar trim => page 70-32

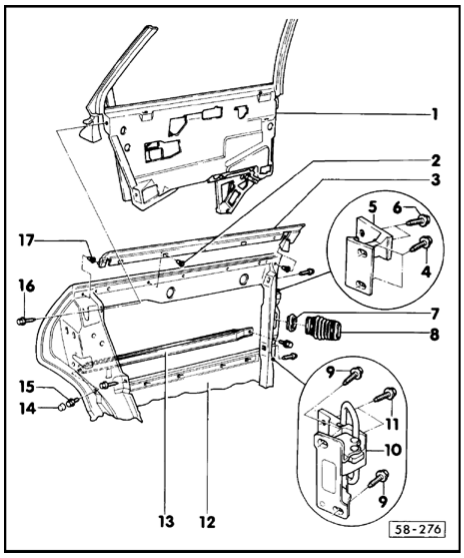
12 - Door shell

Removing:

- Unplug connectors
- Remove hose for center locking at door lock and unclip
- Unscrew bolts -4-, -9-

Installing:

- Install all components in reverse order, noting the following:
- Adjust door shell => page 58-20



13 - Impact bar

14 - Screw head cap

15 - Bolt

- 8.0 Nm (71 in lb)

16 - Bolt

- 30 Nm (22 ft lb)

17 - Grommet

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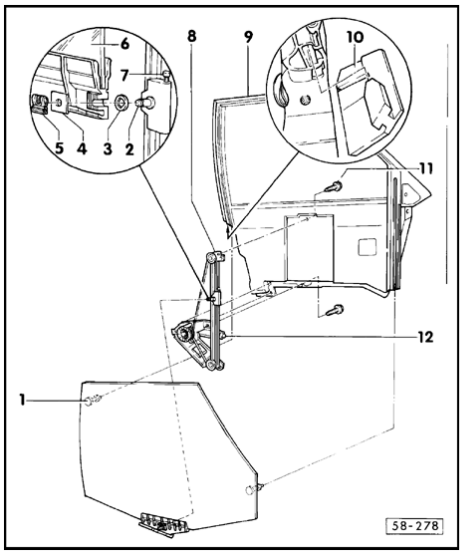
Body Exterior, Interior
58 - Rear doors

Rear door power window regulator, assembly

Note:

- Window regulator can only be removed with door component carrier removed.
- After installing door component carrier, adjust door window glass upper stop, if necessary.



1 - Guide pin

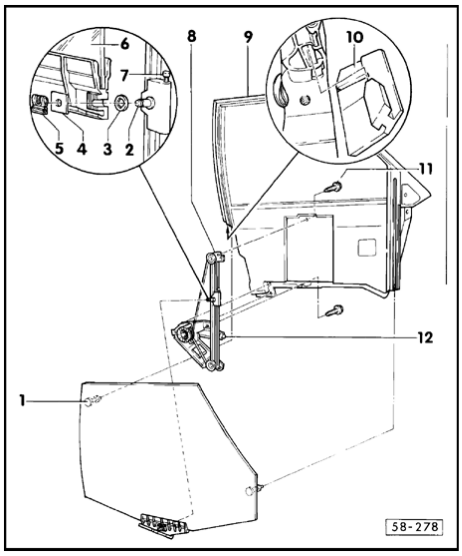
- Replacing => Fig. 3

2 - Drive pin

3 - Washer

4 - Washer

5 - Locking clip



6 - Door window glass

Removing:

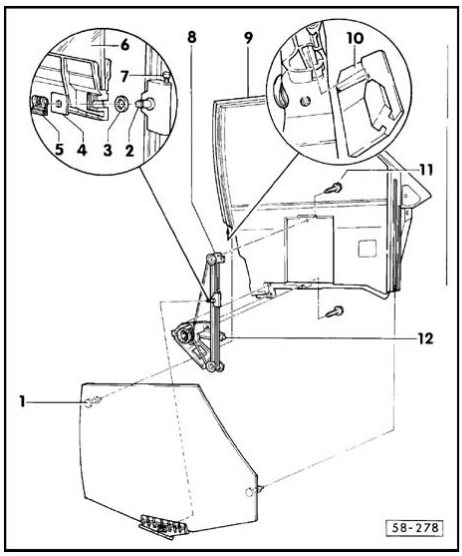
- Remove window regulator
- Pull out window glass downward. Guide pin -1- pushes plug -10- out of window channel

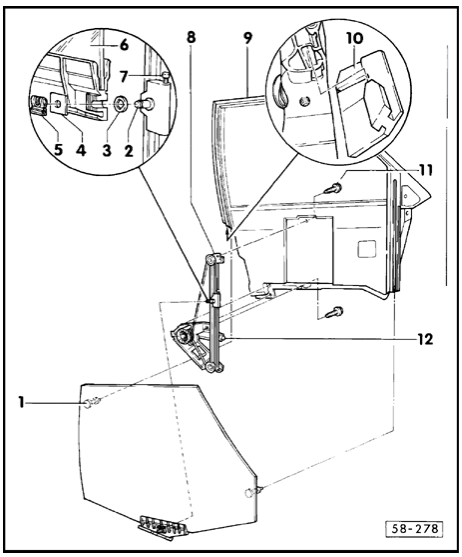
Installing:

- Only with window regulator removed
- Slide into door channel from below with guide pin -1-
- Push plug -10- all the way into window channel from below
- Adjust door window glass => Fig. 1

7 - Door window stop

- Adjusting => Fig. 1





8 - Window regulator

Removing:

- Lower or raise window glass to half-opened position
- Lay carrier on padded table
- Unscrew self-tapping screws -11-
- Turn carrier over on table while holding door window glass and regulator in place
- While lifting locking clip -5- with small screwdriver, slide out of groove on drive pin -2-
- Remove washer -4-
- Slightly lift door glass and hold in place
- Pull regulator downward and remove from door

Installing:

- Only with door window installed
- Fit washer -3- on drive pin -2-
- Slightly lift window
- Guide in regulator from below and fit into glass -6- with drive pin -2-
- Center oblong hole of window on drive pin, watching contact area B => Fig. 1
- Fit washer -4-
- Slide on locking clip -1-
- Screw in bolts -11- from below
- Turn carrier over on table and tighten securing bolts

◆ Tightening torque:10 Nm (7 ft lb)

9 - Door component carrier

◆ Removing and installing => page 58-1

10 - Plug

◆ Plug is for sealing and noise prevention, and must be pressed into door channel after installing window

11 - Bolt

◆ 10 Nm (7 ft lb)

12 - Window regulator motor

=> Repair Manual, Electrical Equipment, Repair Group 96

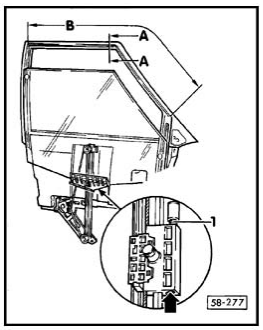


Fig. 1 Adjusting door glass

- Section A-A => Fig. 2
- Adjust adjustable window stop of window regulator -1- with external Torx socket E6.
- Window glass contacts area -B- on inner sealing lip.

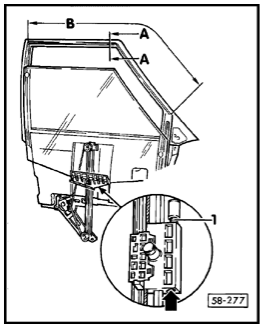
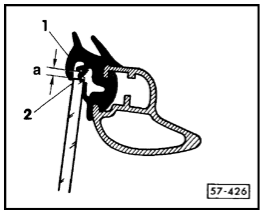


Fig. 2 Door glass, adjusting

Note:

Tight seal is only ensured when seal lip contacts glass with specified pretension.

- Fully raise door glass.
- Close door.



- Seal inner lip -1- must lie against top edge, area B => Fig. 1, of glass -2- with pretension -a-.

Dimension-a- = at least 0.5 mm (0.020 in.)

- Do not adjust window too high, as otherwise greater door closing forces result.

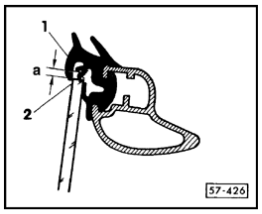
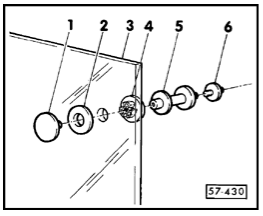


Fig. 3 Replacing guide pin

CAUTION!

Part numbers are for reference only. Always check with your Parts Department for latest information.

- Bolt -1- is secured with locking compound Part No. AMV 197 000 01.
- In order to replace guide pin, bolt -1- must be drilled out at center with 5 mm (13/64 in.) dia. drill bit.
- Guide pin will fall off.



- Screw in new guide pin -5-, 2.0 mm (0.079 in.), with centering sleeve -4-, door glass -3-, washer -2- and bolt -1-.
- Coat bolt threads with locking compound Part No. AMV 197 000 01.
- Press on cover cap -6-.

Note:

Door window must be removed when removing guide pin => page 58-6.

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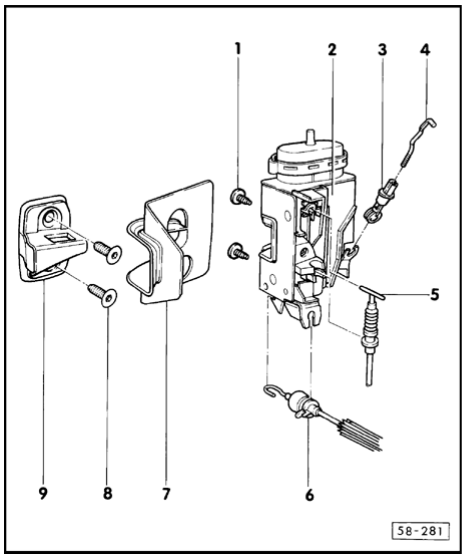
58 - Rear doors

Rear door lock, assembly



1 - Screw

- 8.0 Nm (71 in lb)

2 - Door lock

Removing:

- Remove rear door trim panel => page 70-6
- Remove door component carrier => page 58-1
- Unhook operating rod -4-
- Unhook Bowden cable -5-
- Remove screws -1-
- On vehicles with center door locking, pull connecting hose off activator
- Unhook Bowden cable for door remote control -6- => Fig. 1

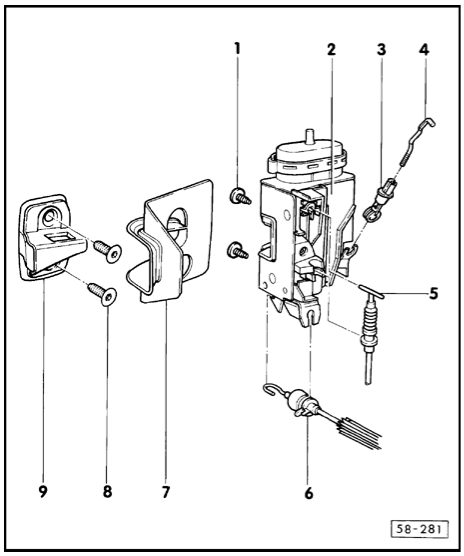
Installing:

- Install all components in reverse order of removal

3 - Release mechanism clip

4 - Operating rod

- To unhook, slide sleeve on release mechanism clip downward



5 - Bowden cable

6 - Bowden cable for inside door mechanism

- Removing and installing => Fig. 1

7 - Lock packing plate

8 - Socket-head screws

- 16 Nm (12 ft lb)

9 - Locking wedge

- Adjusting => page 58-21

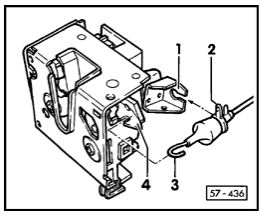


Fig. 1 Removing and installing bowden cable for door remote control

Removing

- Remove door lock => page 58-13.
- Unhook hook -3- from actuating lever -4-.
- Turn end piece of Bowden cable 90 ° (tab -2- unhooks) and remove from bracket -1- downward.

Installing

- Install all components in reverse order of removal, noting the following:
- Note direction for hooking Bowden cable into remote control.

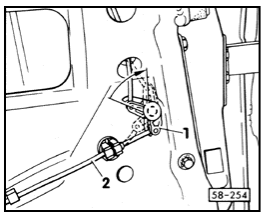


Fig. 2 Unhooking Bowden cable for door locking mechanism from joint lever

- Unclip Bowden cable from clips.
- Turn joint lever -1- approx. 45 ° in direction of (arrow) and unhook Bowden cable -2-.

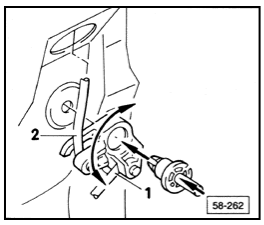


Fig. 3 Removing and installing joint lever

Removing

- Swing joint lever in direction of (arrow).
- Unhook Bowden cable -1- and locking rod -2-.
- Press pin out of spreader clip.

Installing

- Install in reverse order.

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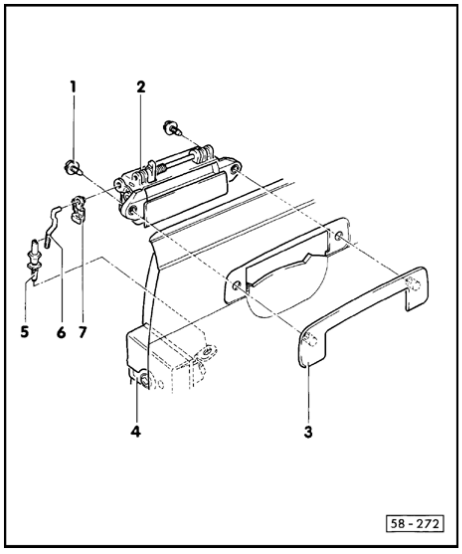
58 - Rear doors

Door handle, assembly



CAUTION!

Door handle trim must be removed before removing door handle to prevent damage to print on handle trim => Fig. 1
.

Note:

Door component carrier => page 58-1 must be removed first.

1 - Socket-head screw

- 3.0 Nm (27 in lb)

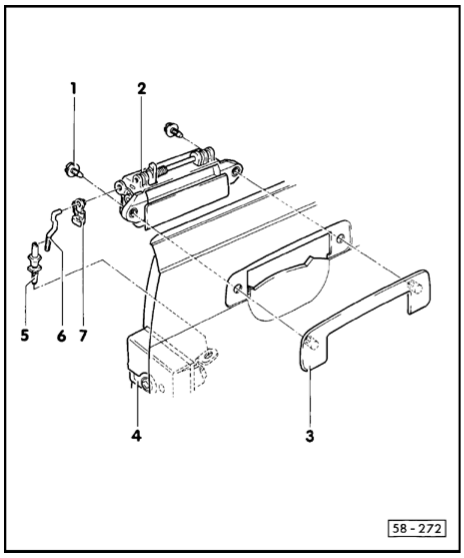
2 - Door handle

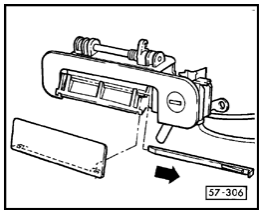
- Unhook operating rod -6- from release mechanism clip -5- and joint lever -7-
- Unscrew socket-head screws, remove trim plate -3- and door handle -2-

3 - Trim plate

4 - Door lock

5 - Release mechanism clip





6 - Operating rod

Removing:

- Twist joint bushing -7- and remove operating rod
- Slide sleeve on release mechanism clip downward and press out operating rod

Installing:

- Install all components in reverse order of removal, noting the following:

- Adjust play of door handle to door lock by turning operating rod in release mechanism clip. When adjusting, actuating lever on door lock may not be pretensioned (max. play between actuating lever and operating part is 1 mm (0.04 in.)

7 - Joint bushing

Fig. 1 Removing and installing trim cover

Note:

Door handle trim must be removed before removing door handle to prevent damage to paint on handle trim.

Removing

- Pull up door handle.
- Using small screwdriver, pry out locking pin in direction of arrow.

Installing

Install all components in reverse order of removal.

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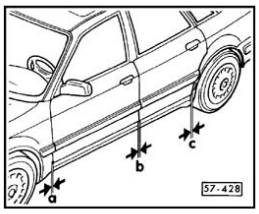
58 - Rear doors

Doors, adjusting

Gap dimensions



- Adjust by loosening hinge bolts on B-pillar and moving door.

Note:

To loosen hinge bolts, remove inside trim of B-pillar => page 70-32

Dimension -a- = 4 + 1 mm (0.15 + 0.04 in.)

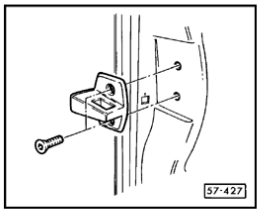
Dimension -b- = 4.5 + 1 mm (0.177 + 0.04 in.)

Dimension -c- = 3.5 + 1 mm (0.138 + 0.04 in.)

Body contour adjustment

Adjust by loosening hinge bolts of door shell and moving door (oversized holes in hinge) until door shell is flush with body contour.

Adjust by sliding locking wedge



Adjusting locking wedge

- Loosen socket-head screws.
- Slide locking wedge until door shell is flush with body contour.
- Tighten socket-head screws.

Tightening torque: 16 Nm (12 ft lb)

- Adjust door slope => page 58-22.

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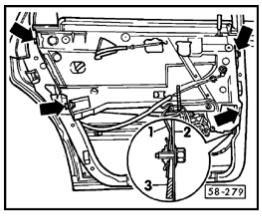
58 - Rear doors

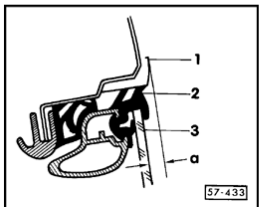
Door component carrier, adjusting

Note:

Adjusting wedge -3- must always be installed when adjusting door component carrier. Door shell must be adjusted.



- Loosen bolts (arrows).
- Close door.
- One mechanic presses carrier for door components against roof and pillar. Carrier must be slightly overpressured (resistance from rubber seal), while second mechanic first slightly tightens upper bolts, then slides adjusting wedge -3- upward until it contacts surfaces of door shell -2- and carrier for door components -1-. Tighten bolts to 30 Nm (22 ft lb).
- By sliding adjusting wedge -3-, door tilt in C-pillar area can be adjusted. If door protrudes too far in rear area, e.g. at bottom, adjusting wedge must be pushed further upward. This causes door to tilt toward vehicle center at bottom and outward at top.



Door component carrier, dimensions

- Outer sealing lip -2- must make contact along the edge of the pillar and roof trim strip -1-.
- Distance between roof trim strip -1- and door window -3-.

Dimension -a- = 6.5 ± 1.0 mm (0.256 ± 0.039 in.)