Index

Bi-pressure pump

removing/installing 57.16

Bi-pressure system

troubleshooting 57.22

Bowden cable

replacing 57.8

Central locking system

- **assembly 57.15**
- electrical. troubleshooting 57.18

Door component carrier

- adjusting 57.13
- dimensions 57.14

Door lock

- assembly 57.7, 57.9
 - removing/installing 57.8

Front door

- removing/installing 57.3
- adjusting 57.11
- adjusting gap 57.12
- adjusting height 57.12
- prevention of wind noises 57.13
- slot molding 57.3

Fuel tank flap activator

removing/installing 57.17a

Lock cylinder

assembly 57.7

Lock rod

- assembly 57.7
- removing/installing 57.8

Lower door hinge

■ lubrication 57.3

Master activator -

removing/installing 57.16

Position spring

■ installing 57,10

Rear door activator

■ removing/installing_ 57.17___

Rear lid activator

removing/installing 57.17

Turn clip

installing 57.10

Window frame

■ assembly 57.4

Window regulator

removing/installing 5

Window seal plugs

installing 57.6

Central locking (Coupe)

- assembly 57.41
- fuel tank flap activator, removing/installing 57.42a
- master activator, removing/installing 57.42
- rear lid activator, removing/installing 57.42
- troubleshooting 57.43

Door glass (Coupe)

★ = removing/installing 57.31

Door handle (Coupe)

- assembly 57.39
- flandle trim cover, removing 57.40
- lock clip, installing 57.40
- position spring, installing 57.40

Door lock (Coupe)

- assembly 57.35
- bowden cable,

removing/installing 57.38

removing/installing 57.37

Front door (Coupe)

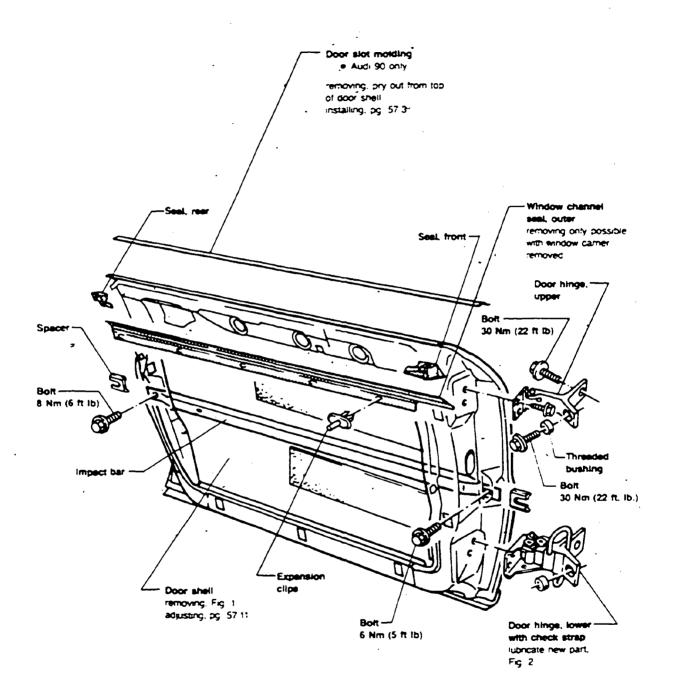
- assembly 57.26
- coverplate, adjusting 57.32
- lower door hinge, lubricating 57.27
- ★ = removing/installing 57.27, 27a

Heated lock cylinder

troubleshooting 57.23

Window regulator (Coupe)

- adjusting 57.34
- ¥ assembly 57.28
- ★ removing/installing 57,29



57-323

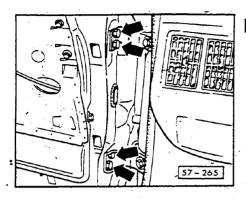


Fig. 1 Front door, removing/installing Removing

remove hex head bolts (arrows)

Installing

Install in reverse order, note the following:

■ install hex head bolts, see page 57.15

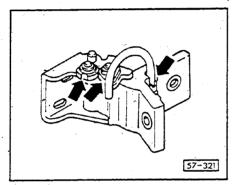


Fig. 2 Lower door hinge, lubrication

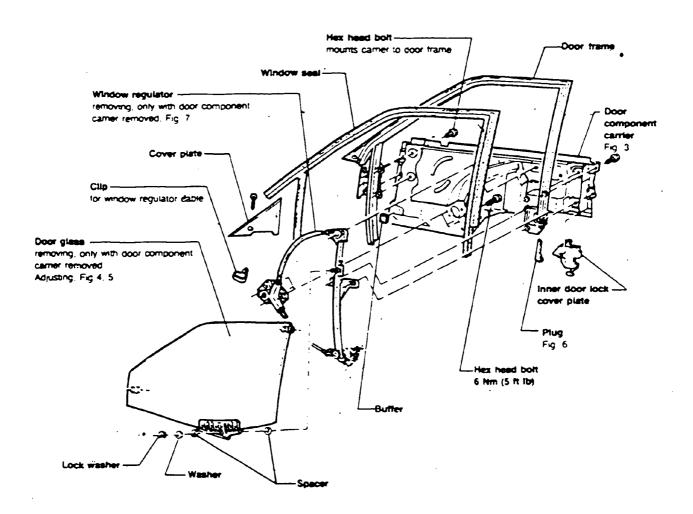
 apply lubricant AOS 126 000 05 or equivalent to points shown

Door slot molding, removing/installi Removing

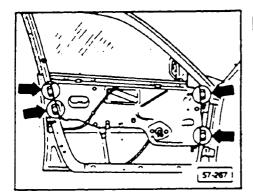
pry out from top of door shell

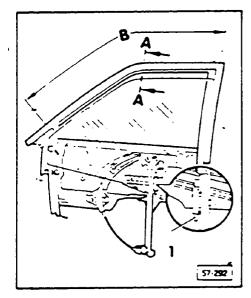
Installing

- clean molding channel with 3M® General Purpose Adhesive Cleaner or equivalent
- place 3.0 mm (1/8 in.) bead of AKD 476 KD 505 into molding channel
- position molding onto door shell
- press molding into place



57-255





▶ Fig. 3 Carrier for door components, removing/ installing

Removing

- remove front door trim panel (see Repair Group 70)
- remove Bowden cable from inner door opening mechanism

Installing

Install in reverse order, note the following:

- check door shell adjustment, adjusting page 57.15
- adjust door component carner support. page 57.15
- torque hex head screws (arrows) 20-Nm (15 ft lb)

Adjusting window in carrier

- section A-A
- adjust window stop from window lifter 1 -
- contact area B of window to inner window weatherstno



57-250

Fig. 5 Adjusting window glass

- adjust window glass with door closed
- adjust upper stop of window regulator so inner sealing lip 2 in area B (see Fig. 4) contacts upper edge of window
 - a = 0.5 mm (1/32 in.)

Note

A minimum pre-load of 0.5 mm (1/32 in) when sealing lip 2 contacts window will eliminate leaks.

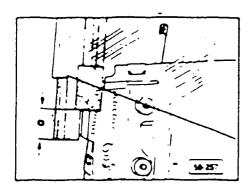


Fig. 6 Plugs

- a insert into window quide from below
 - a = 65 mm (26 in)
 - measured from end of window channel

Note

The plug is used as a seal and an anti-noise measure

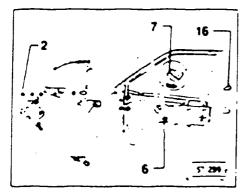


Fig. 7 Window regulator, removing/installing

Removing

- remove camer for door components. Fig. 3
- remove lock washer 2
- remove mounting washer buffer
- pull out window from window lifter bolt.
- w bend dip 7 in direction of arrow and press Bowden cable out of clip
- m unscrew hex head nuts 6
- m unscrew hex head boits 16

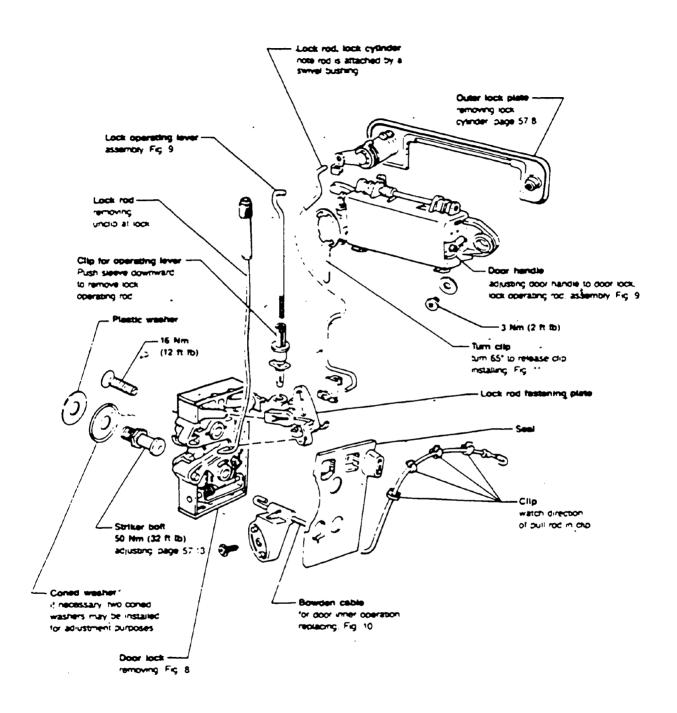
Installing

install in reverse order, note the following

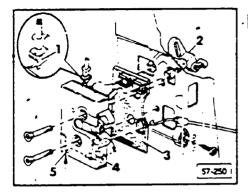
- install hex head bolts.
 - 6 Nm (5 ft lb)
- place buffers between window and carner
- check and adjust window if necessary. Fig. 4, 5

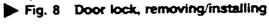
THIS FRAME INTENTIONALLY LEFT

BLANK



57-324





Removing

- remove front door trim (see Repair Group 70)
- release operating rod dip and pull out operating rod
- unhook bowden cable
- pull out door lock from part 2
- remove seal 3

Installing

Install in reverse order. Note the following: To re-hook bowden cable, pull lever 4 in direction of arrow. Insert screwdriver into hole 5 to lock cable into place.

■ torque all bolts to 16 Nm (12 ft lb)

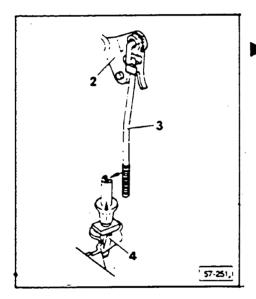


Fig. 9 Lock operating rod, removing/installing

Removing

- place bushing into operating rod 2
- put operating rod 3 into lever
- a insert mounting clip 4 into door lock release lever
- check operating rod free play in clip 4. without putting undue strain on the door lock release lever
 - 1.0 mm (3/64 in.) maximum free play

Installing

Install in reverse order.

n to adjust move sleeve upwards on operating clip 4

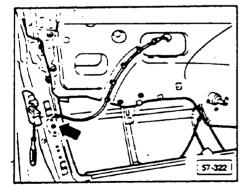


Fig. 10 Replacing inner door lock bowden cable

Removing

- remove door trim (see Repair Group 70)
- undip bowden cable
- pull bowden cable and lock door lock with screwdriver, Fig. 8
- unhook bowden cable (arrow)

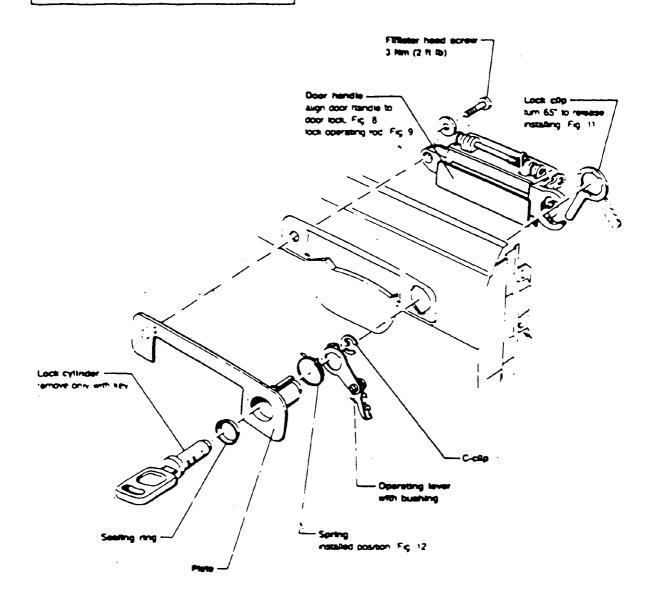
installing

Install in reverse order.

note how bowden cable is place

Note

- · door component carner is installed
- e door trim panel removed
- operating rod is detached at operating lever



57-300

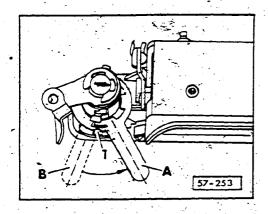


Fig. 11 Turn clip, installing

A = lock clip tight in locked position

B = lock clip released

■ indentation 1 in lock clip must line up

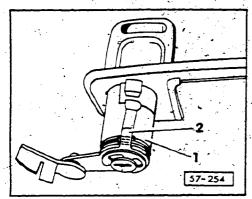
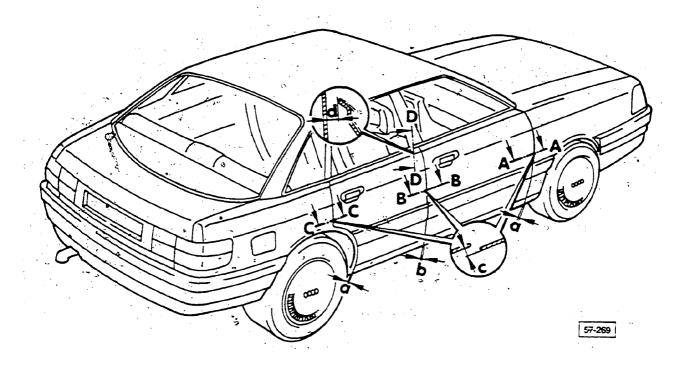


Fig. 12 Position spring installing

Note

When tensioned, the ends of the spring-1 must be positioned to left and right of operating lever 2.

Pre-tensioning always pushes the operating lever and lock cylinder into center position.



Doors, adjusting

adjust gap by moving doors with hinges — Fig. 13, 14

$$a = 5 + 1 \text{ mm } (13/64 + 3/64 \text{ in.})$$

 $b = 5.5 + 1 \text{ mm } (7/32 + 3/64 \text{ in.})$

- align height with contour of body Adjust at hinges (extra-large holes in hinge at the point where hinge fastens to A/B pillar) Fig. 15
- to prevent to wind noises, adjust at door mounting hinges or in rear of doors at striker pin, Fig. 16, 17

d = 14.5 mm (9/16 in.)

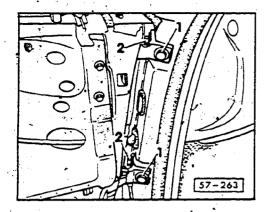
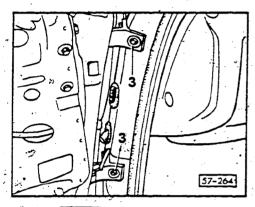


Fig. 13 Door gap, adjusting

- with bolts 1 removed, screw out threaded bushing behind until it no longer contacts A-pillar
- loosen bolts 2, close door and adjust gap by moving the door
 - \bullet a = 5 + 1 mm (13/64 + 3/64 in.)
- loosen or tighten with angle wrench US 2598



- Fig. 14 screw in threaded bushing 3 until it makes contact with A-pillar
 - screw in bolts and tighten to 30 Nm (22 ft lb)
 - check gap

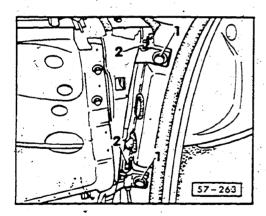


Fig. 15 Height adjustment

- loosen bolts 1, 2
- loosen or tighten with angle wrench US 2598
- move door with hinge
- tighten bolts
 - 30 Nm (22 ft lb)

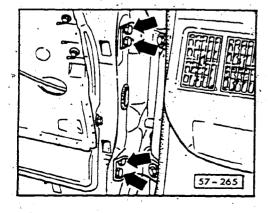
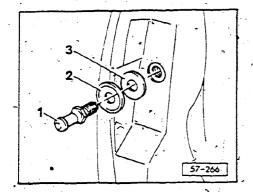


Fig. 16

- loosen bolts (arrows), move door as required
- **■** tighten bolts
 - 30 Nm (22 ft lb)



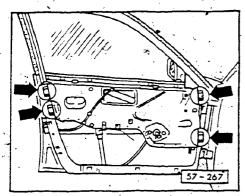


Fig. 17 Prevention of wind noises

- adjust the striker pins at the rear of the door
 - striker pin 50 Nm (37 ft lb)

1 = striker pin

2 = dished washer

3 = washer

Note

If necessary, two dished washers can be used.

Fig. 18 Door component carrier adjusting

Note -

Window and door shell must be adjusted first.

- loosen bolts (arrows)
- close door

Two technicians will be required. Do not press door shell inwards while performing adjustment.

- press carrier tightly against roof and pillar
 - exert slightly more force than required. Rubber seal will return carrier to proper position
- nave second technician (from inside vehicle) tighten first upper then lower bolts
 - 20 Nm (15 ft lb)

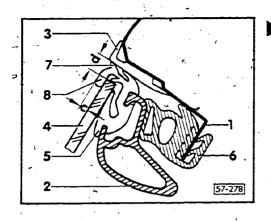


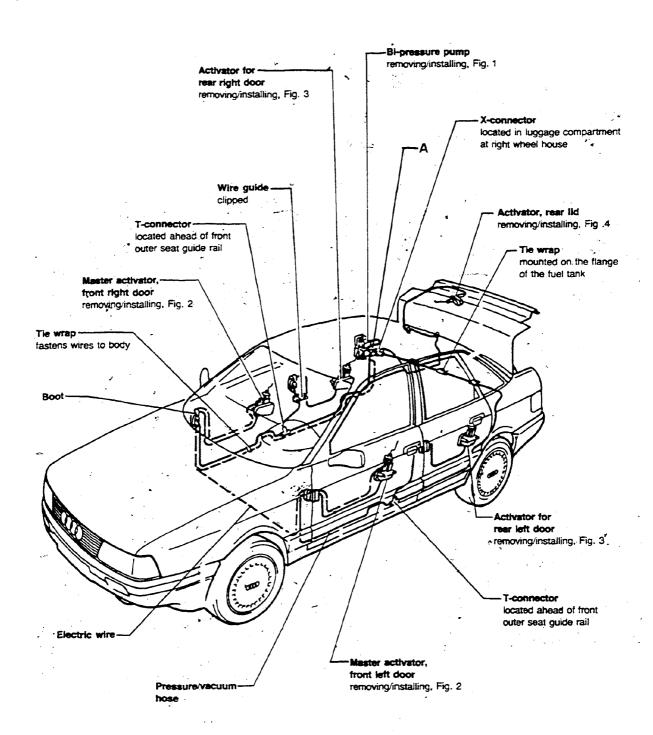
Fig. 19 Door component carrier dimensions

- · left door cross section shown
- the outer sealing lip 7 must make contact along the contour of the pillar and roof trim moulding 3
- the outer window sealing lip 8 must not project outwards above the roof trim moulding 3

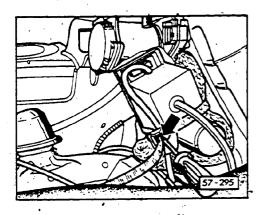
$$c = 3.5 + 1 \text{ mm } (9/64 + 3/64 \text{ in})$$

 $d = 8.1 + 1 \text{ mm } (5/16 + 3/64 \text{ in})$

- 1 sealing flange
- 2 door frame
- 3 roof trim moulding
- 4 window
- 5 window seal
- 6 inner door seal
- 7 sealing lip
- 8 sealing lip on window

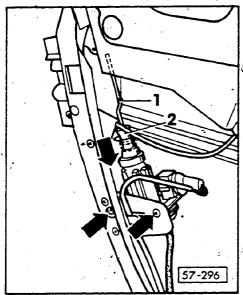


57-294



► Fig. 1 Bi-pressure pump removing/installing

- unscrew bolt for luggage compartment trim right
- press trim downward
- open retaining strap (arrow) by pressing the retaining tab back with screwdriver
- pull out confrector wires



► Fig. 2 Master activator, removing/installing Removing

■ remove door trim (see Repair Group 70)

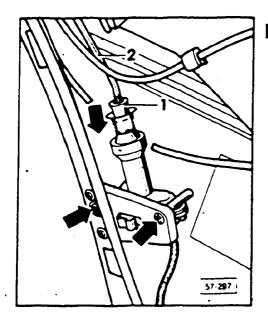
Operating rod 1 and master activator must be in door open position to loosen the locking ring.

- push locking ring 2 downward while holding operating rod 1
- pull operating rod out of activator
- remove pressure/vacuum hose and unscrew mounting bolts
- remove multi-terminal connector

Installing

Install in reverse order, note the following:

- put operating rod 1, lock and master activator in door open position
- press operating rod 1 in while pushing the locking ring 2 upwards



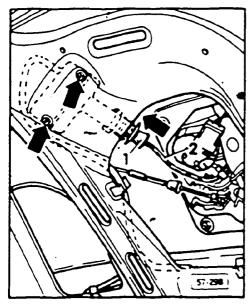


Fig. 3 Activator for rear doors, removing/ installing

Removing

■ remove door tnm (see Repair Group 70)

Note

Operating rod 2 and activator must be in door open position to loosen the lock ring.

- push locking ring 1 downward, while -holding operating rod 2 securely
- pull operating rod out of activator
- remove pressure/vacuum hose and mounting bolts

Installing

Install in reverse order, note the following:

- put operating rod 2, lock and activator in door open position
- push the operating rod 2 in while pulling. the locking ring 1 upwards

Fig. 4 Activator for rear lid, removing/installing Removing

remove thm for right rear taillamp

Note

Activator must be in door open position, in order to loosen the locking ring.

- push locking ring 1 downward, while holding operating rod 2 securely
- pull operating rod out of activator
- unscrew mounting bolts and remove pressure vacuum hose

Installing

Install in reverse order, noting the following:

- pressure/vacuum hose must be between lock operating rod, and inner part of hatch
- to assemble operating rod 2, both lock and activator must be in open position
- push operating rod 2 while pulling lock pin 1 upwards

Fuel tank flap activator, removing/ installing

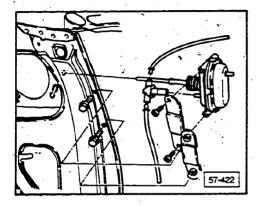
Removing

- open trunk
- pull back luggage compartment trim from around fuel filler neck
- remove hex screws, disconnect pressure/ vacuum hose from activator
- remove activator toward rear

Installing

Reinstall in reverse order noting the following:

■ torque hex screws 4.0 Nm (35 in lb)



Central locking system, troubleshooting

Electrical

Refer to appropriate wiring diagram.

Test conditions

- fuse 19 **OK**
- battery OK
- open rear lid
 - · bi-pressure pump located on right side of luggage compartment
- pull insulating material away from pump
- pull off plug connector from pump

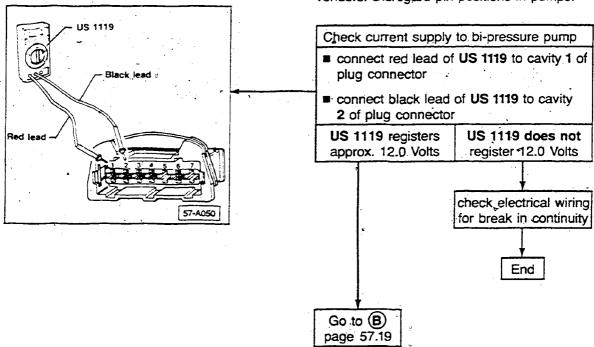
Tools required

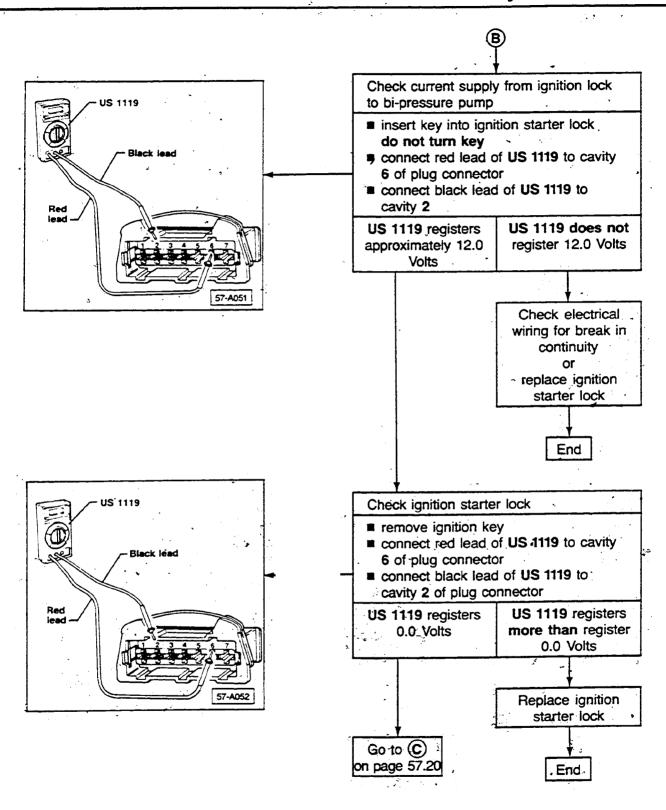
Use multimeter US 1119 for all testing.

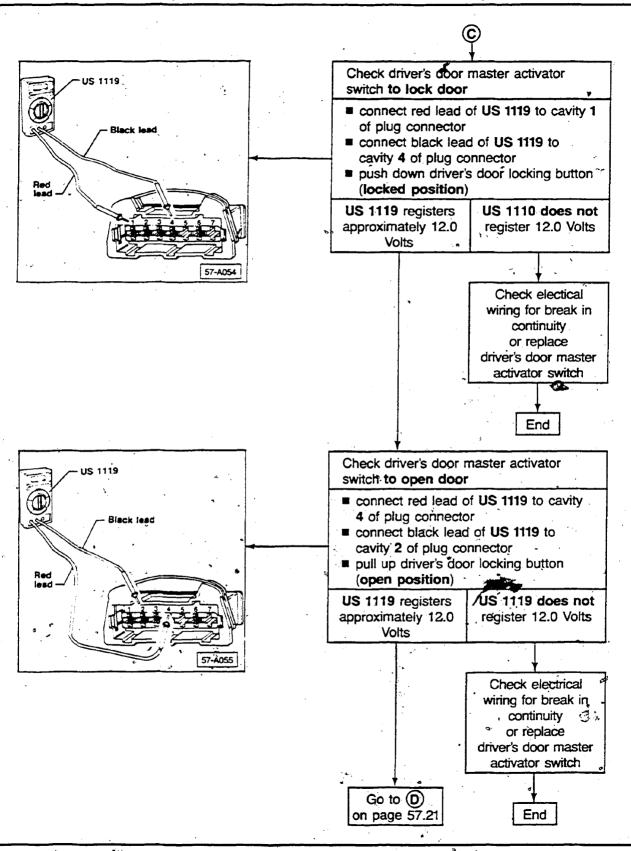
Note

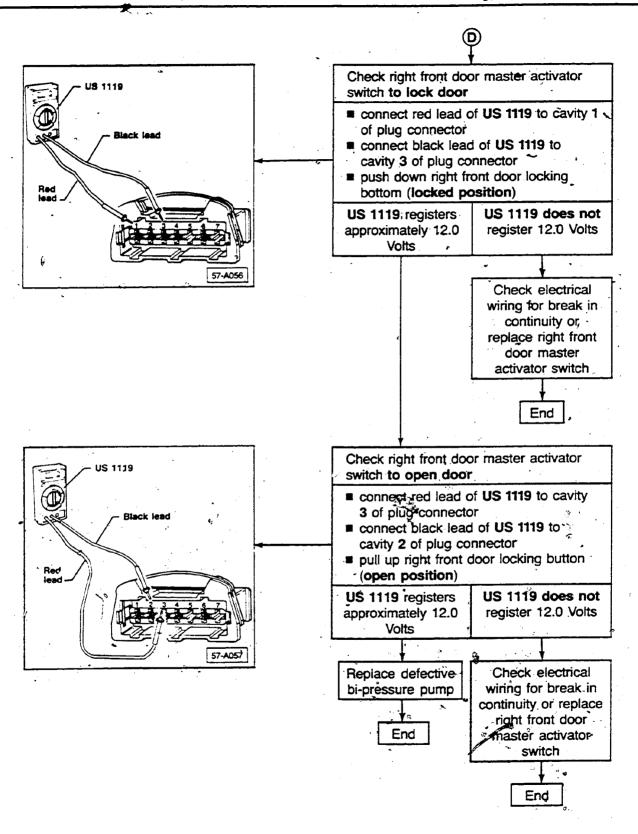
As you look at the end of the plug connector, the cavities are numbered one through seven starting from the left. Cavities five and seven are blank.

Bi-pressure pumps are supplied by different vendors. Disregard pin positions in pumps.









Troubleshooting — bi-pressure system

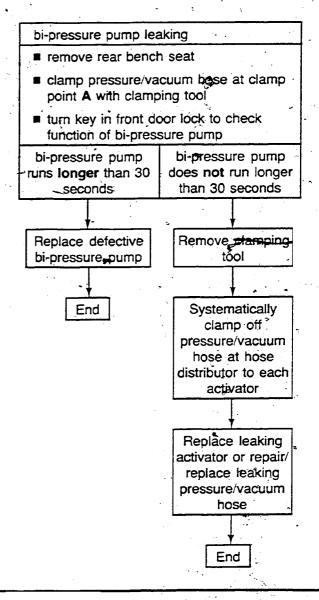
Test condition

electrical system OK.

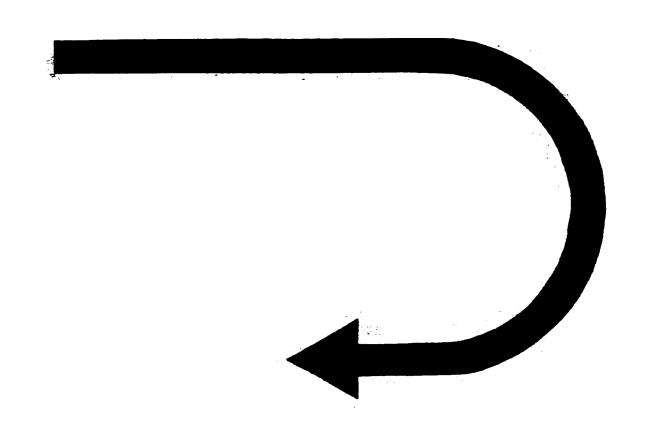
Note

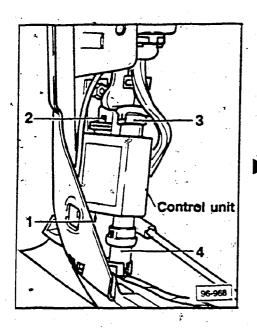
If central locking system has not been activated for an extended period, key must be turned in lock several times to activate system.

When properly functioning, all locks must close within three to seven seconds.



CONTINUED IN THE BEGINNING OF NEXT ROW





Heated lock cylinders, troubleshooting

Electrical

Note

Refer to appropriate wiring diagram.

- 1. test button
- 2. connector for microswitch
- 3. connector for heating element
- 4. connector voltage supply line

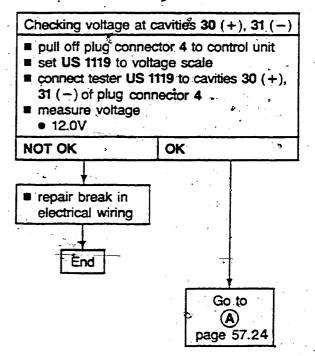
Test conditions

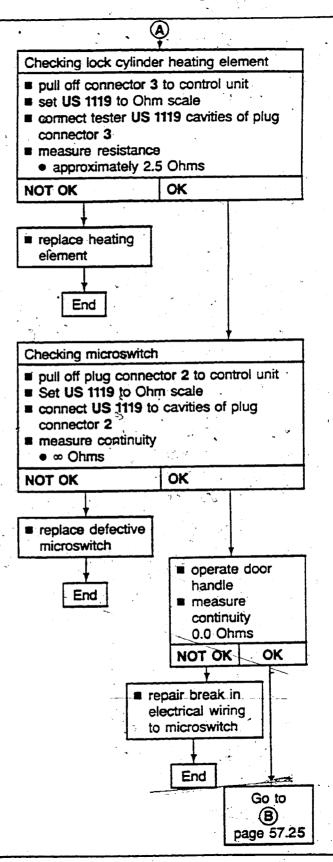
- battery OK
- fuse 19 OK

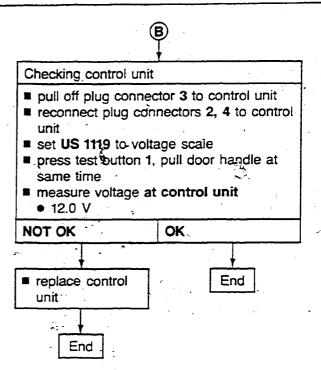
Tools required

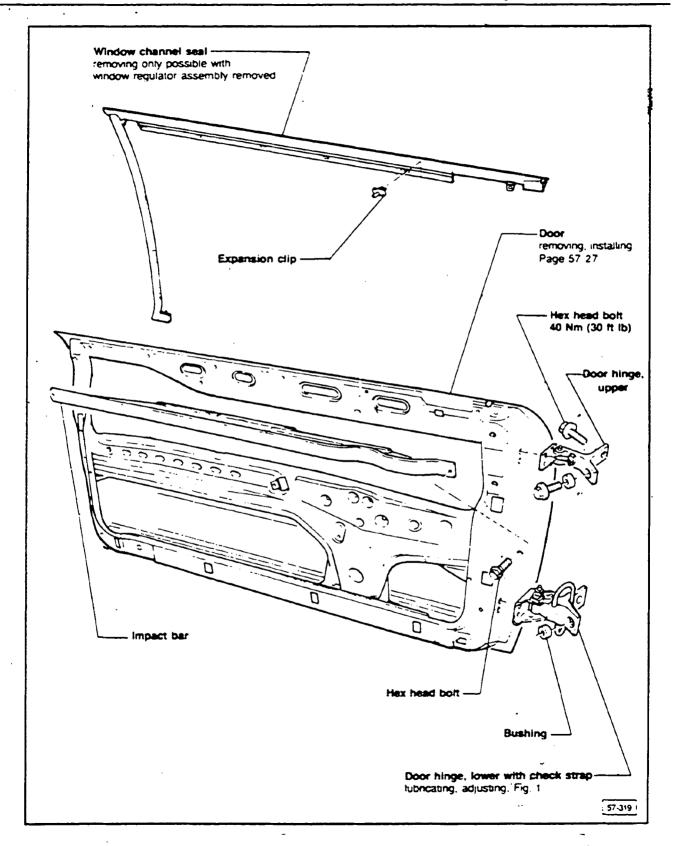
FROM 1989 M.Y.

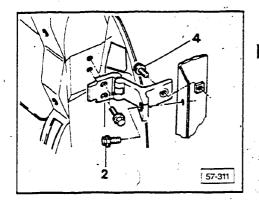
• multimeter US 1119





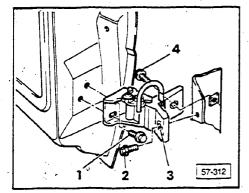






Front door, removing

- remove door trim panel, see Repair Group 70
- disconnect electrical wiring to power window regulator, door locks and mirror
- remove hex head bolts 2.4 from upper hinge with angle wrench US 2598 or equivalent



remove hex head bolts 2,4 from lower hinge with angled wrench US 2598 or equivalent

Front door, installing

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

- align and adjust door, see page 57.33
- check and adjust the window regulator as required
- reconnect all electrical connectors
- check all power window, mirrors and door locks for proper function

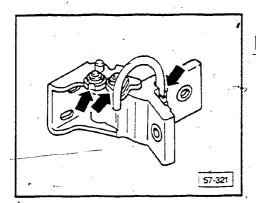


Fig. 1 Lower door hinge, lubrication

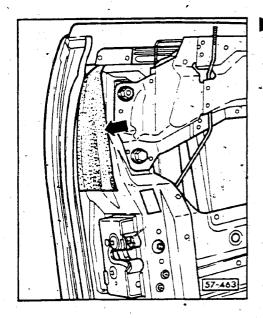
apply lubricant AOS 126 000 05 or equivalent to points shown (arrows) -

Front door, replacing.

Note

From VIN 8B MA 008 401, the door shell has been changed. Only the new style door will be available as a replacement part. When installing a new style door to an older vehicle, the following parts must also be installed/ replaced:

- 1 door trim panel, see Repair Group 70
- 2 window regulator
- 3 outside door seal
- 4 flat nut/washer, page 57.28, callout 16
- 5 mounting trim cover, Fig. 2
- 6 outside mirror mount base, Fig. 3

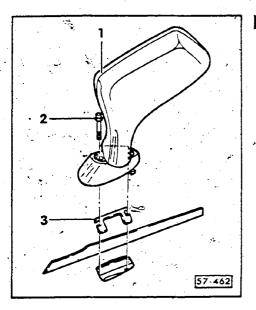


► Fig. 2 Mounting trim cover, installing

Note:

Door surface must be free of dirt or grease for good seal. Install wrinkle free.

giue cover (arrow) to door shell as shown



► Fig. 3 Outside mirror mount base, installing

Note

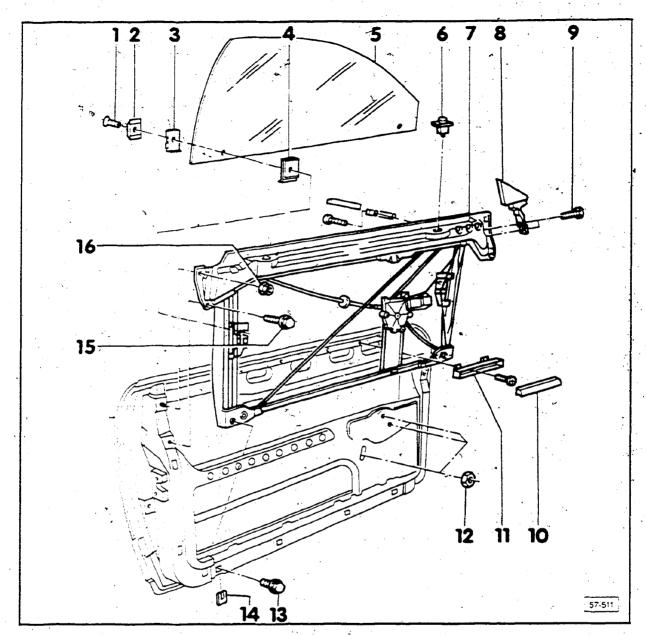
Only install mirror base 3 if old outside mirror assembly is being reused.

Mounting trim covers, installing

Outside mirror base, installing

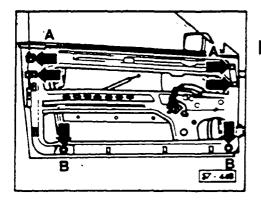
- glue mirror base 3 to mirror bracket
- install mirror assembly 1 with bolts 2
 - 4 Nm (35 in. lb)

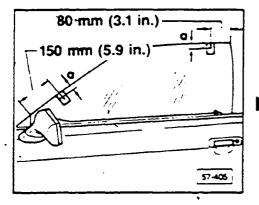
E-7

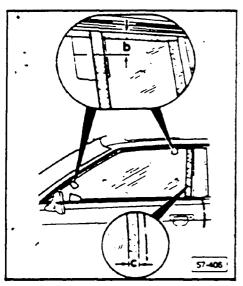


- 1 Torx screw 20 Nm (15 ft lb)
- 2 Aluminum clamping piece
- 3 Fastener, outside
- 4 Fastener, inside
- 5 Door glass removing/installing, page 57.31
- 6 Adjusting clip for height adjustment, see Repair Group 70
- 7 Window regulator
 - removing/installing, page 57.29
 - adjusting, page 57.32

- 8 Cover plate adjusting, 57.32
- 9 Torx screw 20 Nm (15 ft lb)
- 10 Buffer
- 11 Bracket
- 12 Nut 6 Nm (53 in. lb)
- 13 Bott 15 Nm (11 ft lb)
- 14 Adjustment shim install as required
- 15 Bolt 15 Nm (11 ft lb)
- 16 Flat nut/washer 15 Nm (11 ft lb)







Window regulator, removing

- remove door trim panel, see Repair Group 70
- mark location of four upper window regulator bolts (arrows A)
- unboit window regulator motor

Note

Location of spacers must be marked prior to removal of window regulator assembly. Spacers must be reinstalled at same location.

- loosen lower window regulator bolts (arrows B)
- remove spacers
- remove all six window regulator botts.
- remove window regulator from door

Window regulator, installing

- glue adhesive strips, as shown, to glass
 - mark dimension a = 20 mm (25/32 in.) with pencil
- reinstall window regulator into door shell
- insert lock rod with lock button
- install all window regulator bolts, and hand tighten
 - note position of upper bolts as marked
- close door, check dimensions:

b = 19.5-21.00 mm (49.64-53.64 in.)

c = 12.0-15.0 Thm (15.32-19.32 in.)

• 15.0 mm is standard

If not: move window regulator in door shell until dimensions are attained.

Note

If window regulator cannot be positioned with the aid of oversized holes, the glass must be pushed into carners, see installing glass. page 57.31

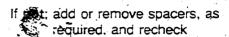
- insert spacers under bolts
- close door, check tension of glass to body
 - door must close easily

CAUTION

Uneven pressure of glass in área of B-pillar or not achieving dimensions b or c will cause wind noises and leaks.

Body - Front Doors

- open door
- rub B-pillar edge of glass with chalk
- close and reopen door
- check impression left by chalk on door seal
 - if impression is full length of seal, door glass is properly adjusted

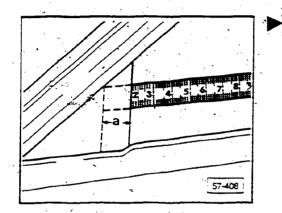


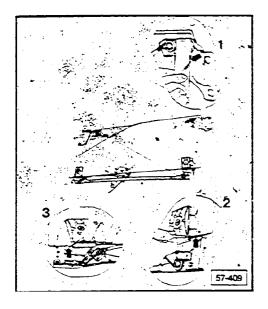


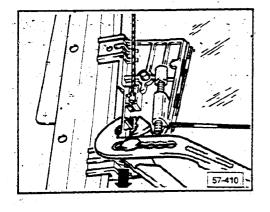
- insert steel ruler from outside as shown
 - $a = 17-18 \text{ mm} (43/64-45/64 \text{ in.})^{3}$

Cover plate can be adjusted to achieve dimension a

- reinstall door trim panel, see Repair Group 70
- check vehicle for wind noise and leaks







Door glass, removing

- fully lower window glass
- mark position of glass to frame and carrier. as shown (insets)
- 1 B-pillar, upper
- 2 B-pillar, position on carrier
- A-pillar, position on carrier
- raise window halfway
- loosen torx bolts on-carrier
- remove aluminum clamping pieces with gaskets .
- remove door glass

Door glass, installing

Note

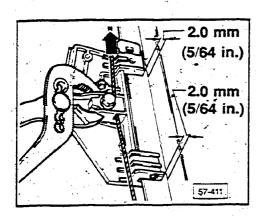
On vehicles up to VIN 8BKA 008300 black plastic base must be replaced with white plastic base.

- position plastic base
- position glass and align to marks on frame and carrier

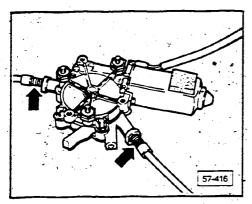
If original glass was missing (broken) initially? place glass between threaded holes.

- carefully press glass onto carrier, front and rear
- install plastic base
- install aluminum clamping pieces
- hand tighten torx head screws
- align rear carrier (B-pillar side) parallel to guide rail
- press downward with wrench (arrow) until spring in cable is completely compressed
- fully tighten torx bolts
 - 20 Nm (15 ft lb)

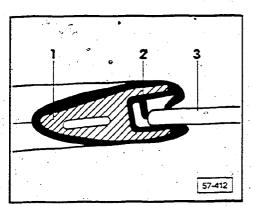
Body - Front Doors



- align front carrier (A-pillar side) parallel to guide rail
- adjust gap between carrier and rail to 2.0 mm (5/64 in.), and push carrier upwards



- second spring in cable (arrows) must be completely compressed
 - maximum play 4:0 mm (5/32 in.)



- tighten torx screw
 - 20 Nm (15 ft lb)
- raise glass fully
- front edge of glass 3 must touch the inner sealing lip 2 of cover plate 1 If Not: move glass forward

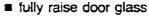
1.0 mm (3/64 in.), realign carrier

Note

Cover plate must be replaced if glass still cannot be made to contact sealing lip 2.

■ install and adjust window regulator

Cover plate, adjusting

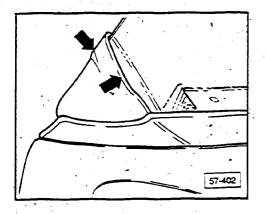


- upper edge of glass and cover trim must form one line
- outside of glass must not cause buckling
- rubber must have smooth contact with glass (arrows)



Elongated holes allow for range of adjustment of cover plate.

■ check and adjust, see Page 57.30



Doors, adjusting

- adjust door gap by moving doors with hinges, .Fig. 1
- align door height (contour of body) Adjust at hinges (extra-large holes in hinge at the point where hinge fastens to A-pillar, Fig. 2
- to prevent wind noises, adjust at door mounting hinges or in rear of doors at striker plate, Figs. 3, 4
- adjusting window regulator assembly, Fig. 5

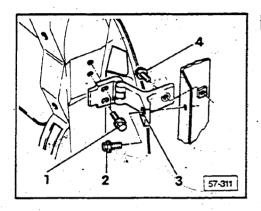
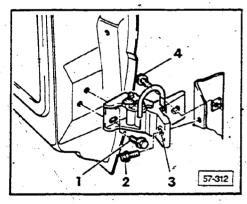


Fig. 1 Door gap, adjusting

- loosen bolts 2, 4 with angle wrench US 2598 or equivalent
- unscrew threaded bushing on bolts 2 away from A-pillar
- close door, move door to adjust gap



- screw in threaded bushing 3 until it makes contact with A-pillar
- screw in bolts and tighten to 30 Nm (22 ft lb)
- recheck gap

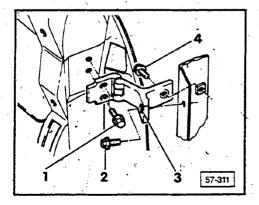


Fig. 2 Height adjustment

- loosen bolts 2, 4 with angled wrench US 2598 or equivalent
- unscrew threaded bushing on bolts 2 away from A-Pillar
- close door
- move door with hinge
- tighten bolts to 40 Nm (30 ft lb)

Body - Front Doors

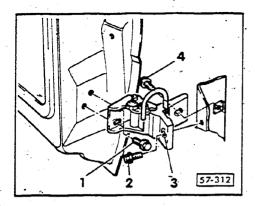


Fig. 3 Front of door wind noises, prevention

- loosen bolts 1
- move door as required
- tighten bolts 30 Nm (22 ft lb)

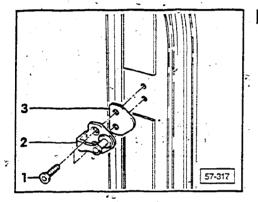


Fig. 4 Striker plate wind noises, prevention

- adjust the striker pins at the rear of door
 - striker pin 16 Nm (12 ft lb)
- 1 striker pin
- 2 striker plate
- 3 base plate
 - more than one may be used to achieve proper adjustment

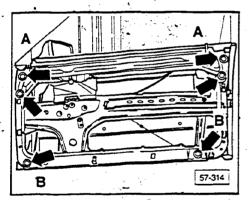


Fig. 5 Window regulator, adjusting

Note

Window and door shell must be adjusted first.

- loosen bolts (arrows)
- close door

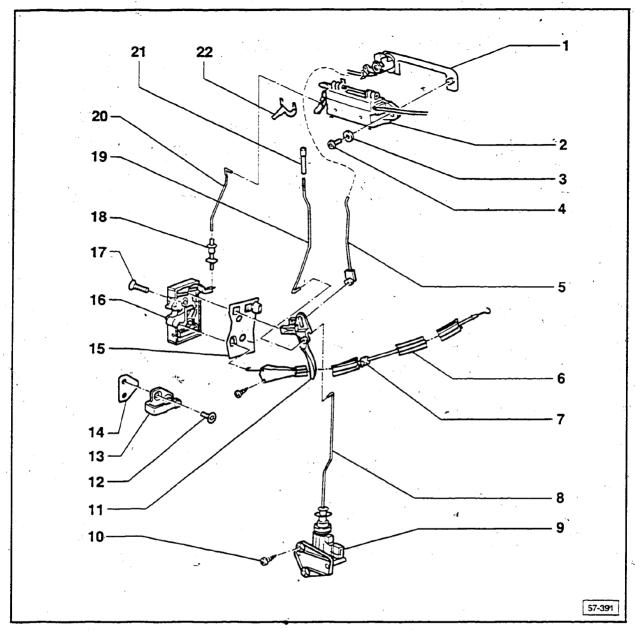
Two technicians will be required.

- press carrier tightly against roof and pillar
 - exert slightly more force than required.
 Rubber seal will return assembly to proper position
- have second technician (from inside vehicle) place spacers between door shell and window regulator
- install bolts from below and tighten
 - 15 Nm (11 ft lb)

THIS FRAME INTENTIONALLY LEFT

BLANK

Body - Front Doors

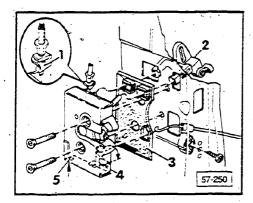


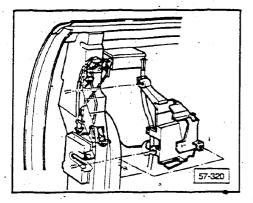
- 1 Outer lock plate removing lock cylinder, Fig. 1
- 2 Door handle adjusting lock operating rod, Fig. 3
- 3 Washer
- 4 Torx head screw 5 Nm (3.7 ft lb)
- 5 Lock rod lock cylinder removing, move swivel bushing
- 6 Bowden cable for door inner opening mechanism

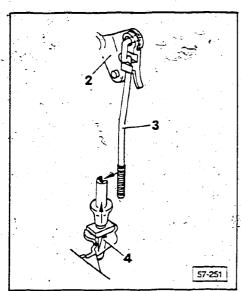
- 7 Clip
 note proper installation of pull rod in clip
- 8 Lock rod removing, Fig. 3
- 9 Door lock removing, Fig. 1
- 10 Phillips head screw
- 11 Lock rod fastening plate
- 12 Screw 16 Nm (12 ft lb)
- 13 Striker adjusting, Page 57.34

- 14 Striker base plate more than one may be used
 - 15 Seal
 - 16 Door lock removing, Fig. 1
 - 17 Pan head tapping screw 16 Nm (12 ft lb)
 - 18 Clip for operating lever push sleeve downward to remove lock operating rod
 - 19 Lock rod removing, unclip at lock
 - 20 Lock operating lever rod assembly, Fig. 3
 - 21 Locking knob removing, see Repair Group 70
 - 22 Turn clip loosen/installing, Page 57.40

Body - Front Doors







► Fig. 1 Door lock, removing

- remove front door trim panel, see Repair Group 70
- release operating rod clip and pull out operating rod
- unhook bowden cable
- pull out door lock from part 2.

Door lock, installing

Install all components in reverse order, noting the following:

- re-hook the bowden cable by pulling lever 4 in direction of arrow
- insert screwdriver into hole 5 to lock bowden cable into place
- torque all bolts to 16 Nm (12 ft lb)

Door lock covering, removing

- unclip covering from door shell-
- pry covering off with screwdriver from bolt

Door lock covering, installing

Install in reverse order of removal.

Fig. 3 Lock operating rod, removing

- install bushing into lever 2
- hook operating rod 3 into lever
- insert mounting clip 4 into door lock release lever
- check operating rod free play at clip 4, without putting undue strain on the door lock release lever
 - 1.0 mm (3/64 in.) maximum free play

Lock operating rod, installing

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

to adjust, move sleeve upwards on operating clip 4

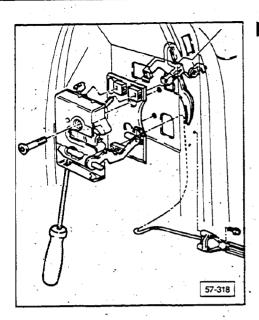
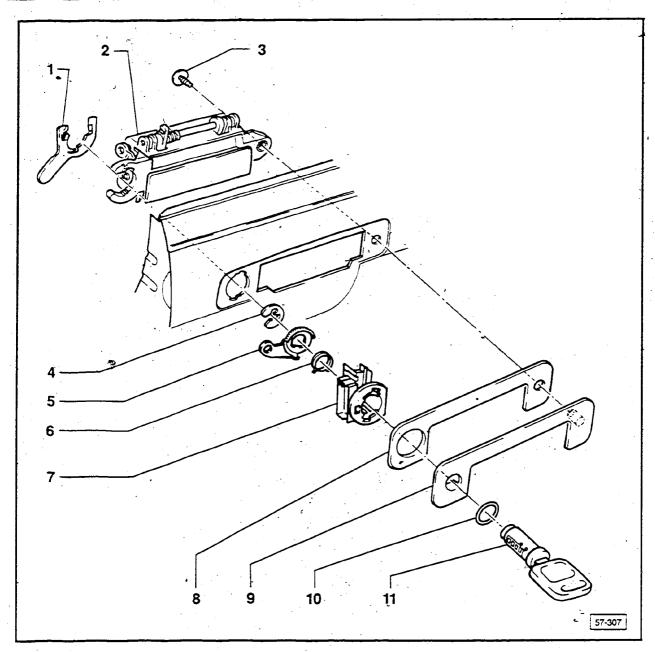


Fig. 4 Inner door lock bowden cable, removing

- remove door trim panel, see Repair Group 70
- unclip bowden cable
- pull bowden cable and lock door lock with screwdriver, see Fig. 1.
- unhook bowden cable

Inner door lock bowden cable, installing

 Install in reverse order of removing, noting how bowden cable is placed in clips.



Remove door trim panel before removing door

Remove window regulator assembly.

- 1 Lock clip removing/installing, Fig. 1
- 2 Door handle align door handle to door lock
- 3 Torx head screw 5 Nm (45 in, lb)
- 4 C-clip

- 5 Operating lever
- 6 Spring installed position, Fig. 2
- 7 Heated lock cylinder housing
- 8 Plate
- 9 -- Trim cover removing, Fig. 3
- 10 Sealing ring
- 11 Lock cylinder remove only with key

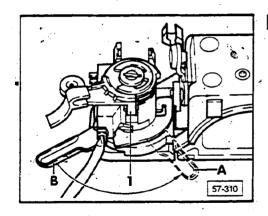


Fig. 1 Turn clip, installing

A = lock clip tight in locked position

B = lock clip released

• indentation 1 in lock clip must line up

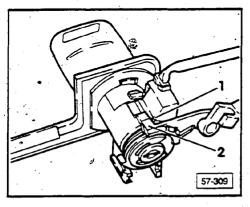
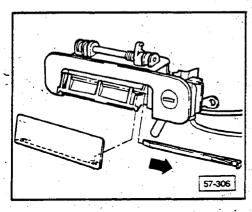


Fig. 2 Position spring, installing

Note

When tensioned, the ends of the spring 1 must be positioned to left and right of operating lever 2.

Pre-tensioning always pushes the operating lever and lock cylinder into center positon

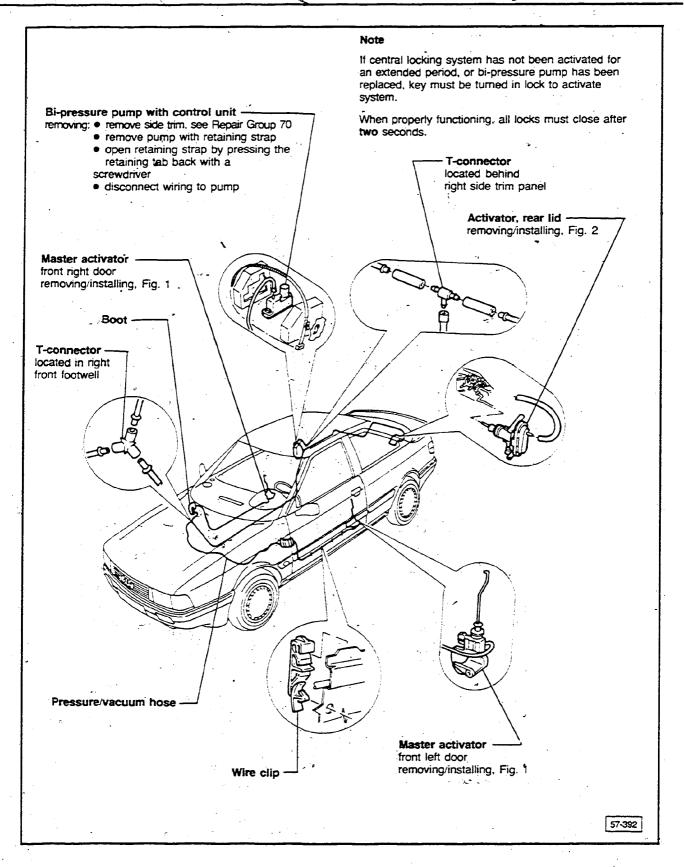


► Fig. 3 Door handle trim cover, removing

Note

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

- pull up door handle
- pull out locking pin in direction of arrow
- remove trim cover



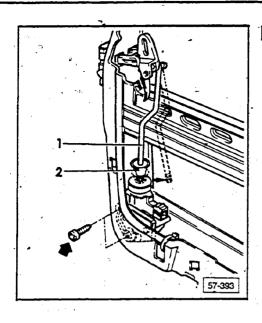


Fig. 1 Master activator, removing

remove door trim panel, see Repair Group 70

Operating rod 1 and master activator must be in door open position to loosen the locking ring.

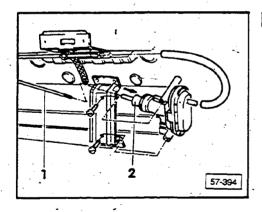
push locking ring 2 downward while holding operating rod 1

- pull operating rod out of activator (arrow)
- remove pressure/vacuum hose and unscrew mounting bolts (arrow)
- remove multi-terminal connector

Master activator, installing

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

- put operating rod 1, lock and master activator in door open position -
- press operating rod 1 in while pushing the locking ring 2 upwards



Rear lid activator, removing

■ remove lid trim panel, see Repair Group 70

Operating rod, must be in door open position to loosen the lock ring.

- push lock ring 2 in direction of arrow while holding operating rod securely
- pull operating rod out of activator
- remove pressure/vacuum hôse and mounting bolts

Rear lid activator, installing

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

- pressure/vacuum hose must be between rod, lock and lid trim panel
- to assemble operating rod 1, lock and activator must be in door open position
- push in operating rod, lock ring upward do not tension operating rod

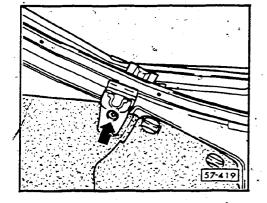
Master activator, removing/installing

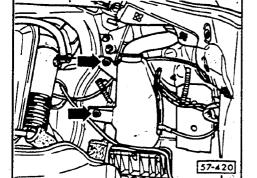
Rear lid activator, removing/installing

Fuel tank flap activator, removing/installing

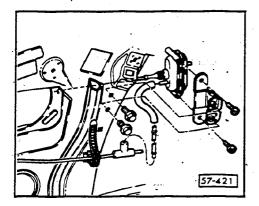
Removing

- open rear hatch, pull out rear shelf
- remove screw (arrow), take off right rear buffer
- pull back trim from around fuel tank filler neck





■ remove scrēws (arrows), take out rear window washer fluid container toward rear



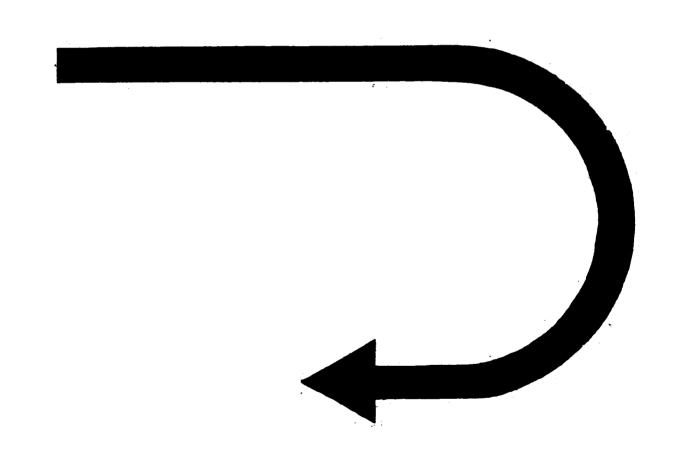
- remove activator mounting screws, pull out activator.
- disconnect pressure/vacuum hose

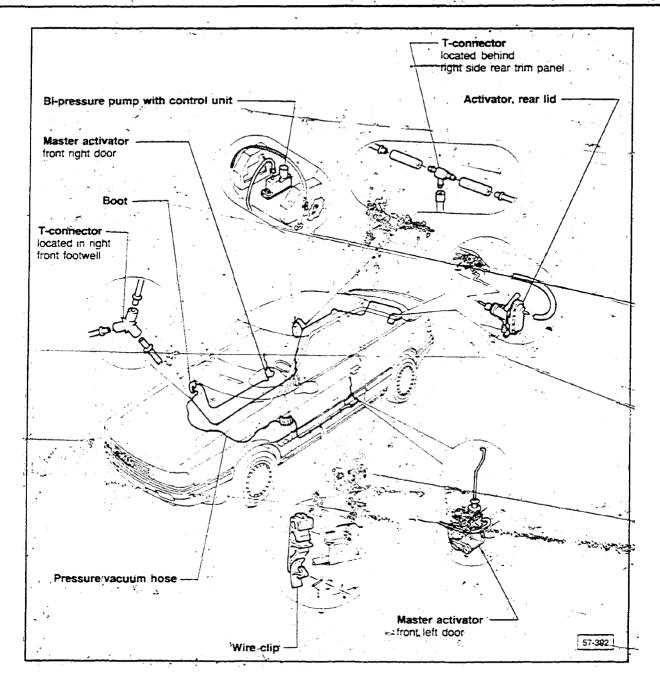
Installing

Reinstall all components in reverse order, noting the following:

- torque fuel tank flap activator mounting screws 4.0 Nm (35 in. lb.)
- check central locking system for proper function

CONTINUED IN THE BEGINNING OF NEXT ROW





Central door locking, troubleshooting

Electrical

Refer to appropriate wiring diagram.

Test conditions

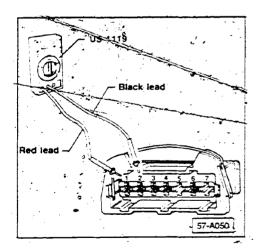
- fuse 19 **OK** -
- battery OK
- remove right rear side trim
 - bi-pressure pump located on right side of luggage compartment
- pull insulating material away from pump
- retaining strap by pressing the retaining tab back with a screwdriver
- pull off plug connector from pump

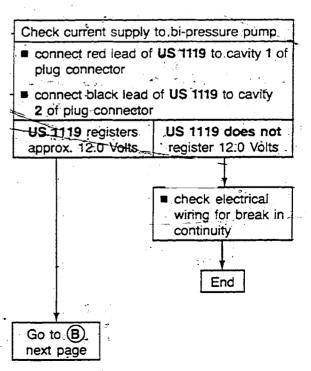
Tools required

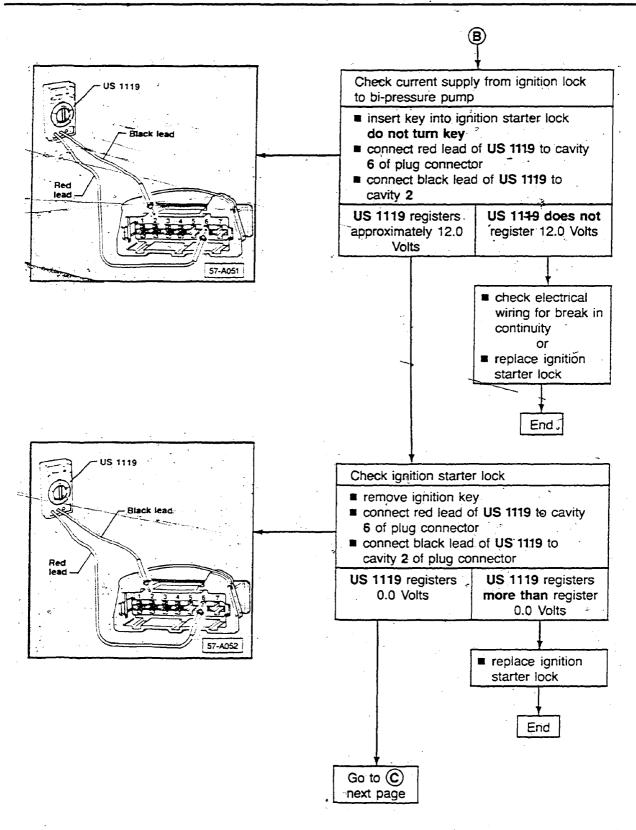
- Use multimeter US 1119 for all testing...

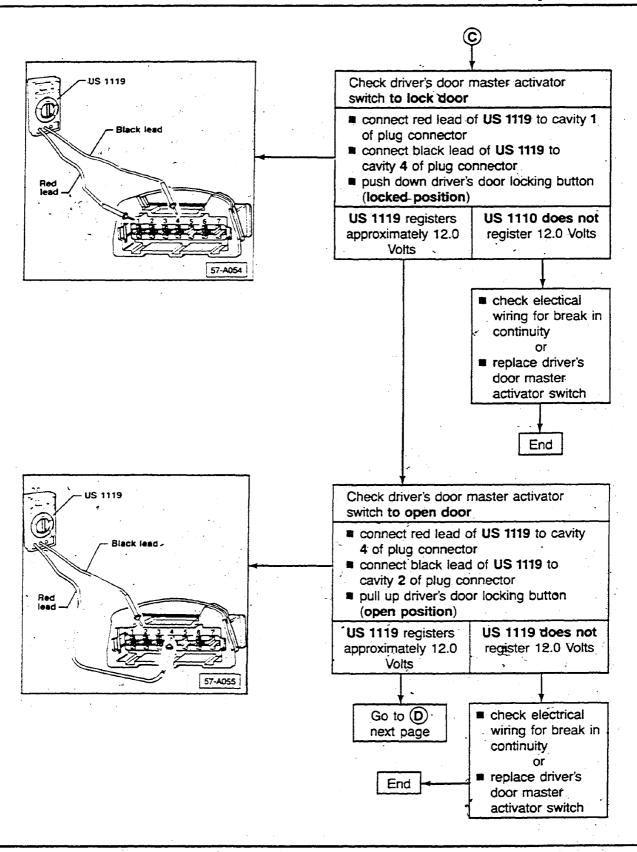
Note _

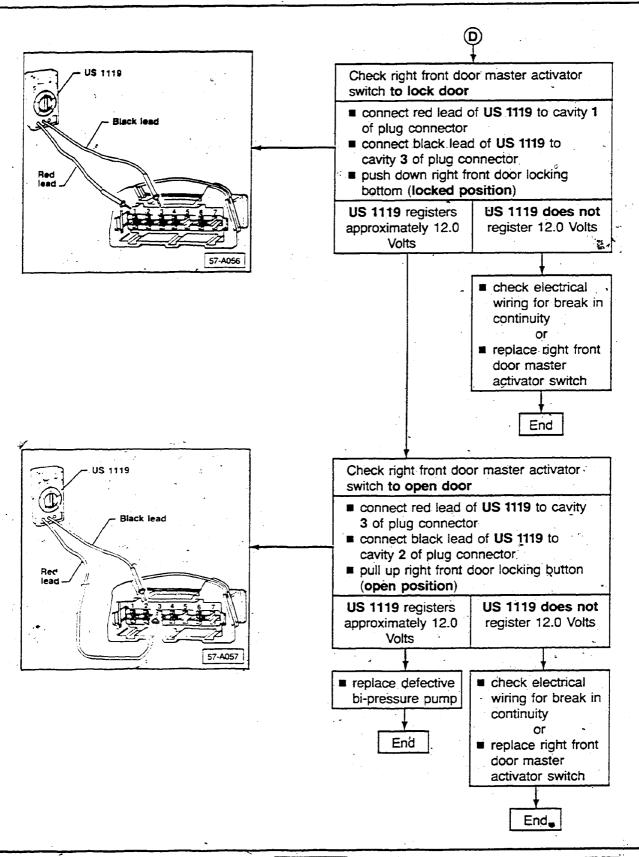
As you look at the end of the plug connector, the cavities are numbered one through seven starting from the left. Cavities five and seven are blank.











Troubleshooting — bi-pressure system

Test condition

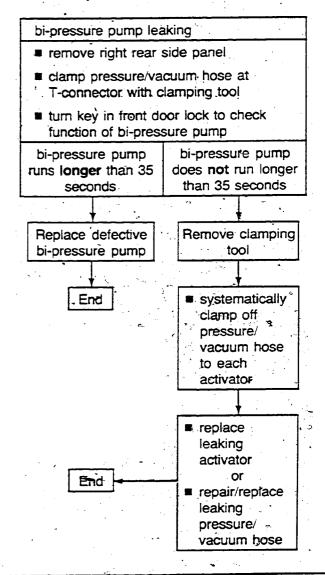
electrical system OK

Note

If central door locking system has not been activated for an extended period, key must be turned in lock several times to activate system.

When properly functioning, all locks must close within approximately **two** seconds.

If bi-pressure pump runs longer than **five** seconds, system is leaking.



Central door locking, troubleshooting