

51 Body – Equipment

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Body fittings and equipment

Specifications

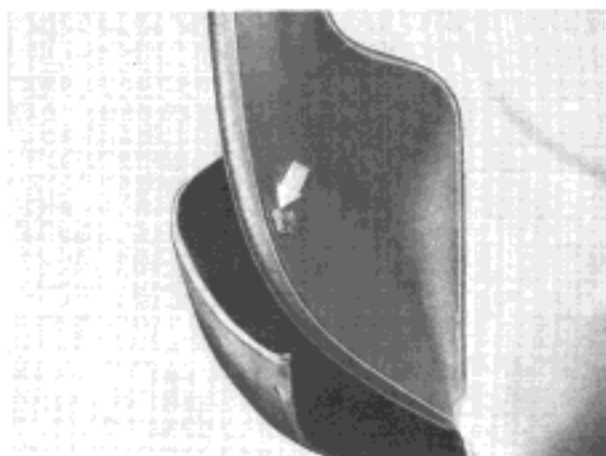
Model	1502	1602	1802	2002	2002 A	2002 T1	2002 tii
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List of adhesives, sealing compounds etc.

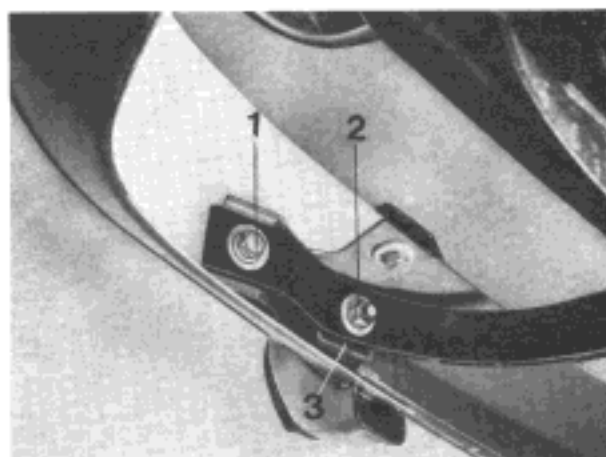
Adhesive application point	Product
Roof lining	Herberts 3150, Tivigum 7361
Velours carpets	Tivigum 7361
Felt strip behind rear seat	Tivigum 7361, Teroson 2444 T
Door sealing strips	Teroson 2444 anthracite
Acella film on door	Teroson 2012
PVC sheet adhesive (heat resistant up to 100°C)	Terokal transparent
Luggage compartment lining	Tivigum 7361
Sealing point	Sealing compound
Windshield and rear window	Teroson 2322 sealing compound, Terodicht light
Body seams	Terolan 3531
Sound absorbing and stoneguard compound	Body coatings
Undersal	Body sealer, light, Terophon 80

**51 11 000 Bumper — complete front:
removing and installing**

Unscrew attachment bolts left and right.
Installation instructions: Do not forget shim
between body and bumper.

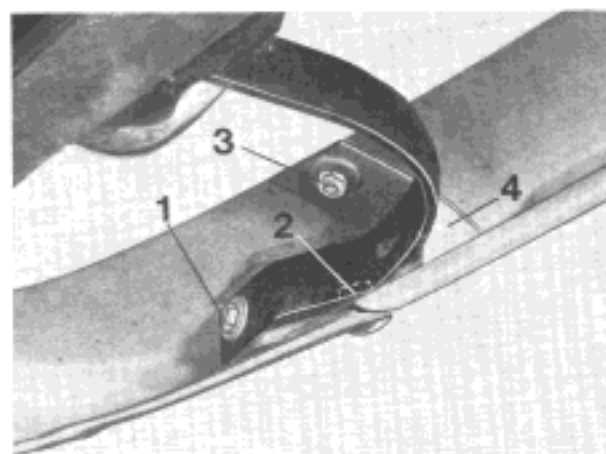


Unscrew bolt (1) and nut (2) on both sides
Remove bumper and overrider.
Installation instructions: Do not forget spacer piece (3).



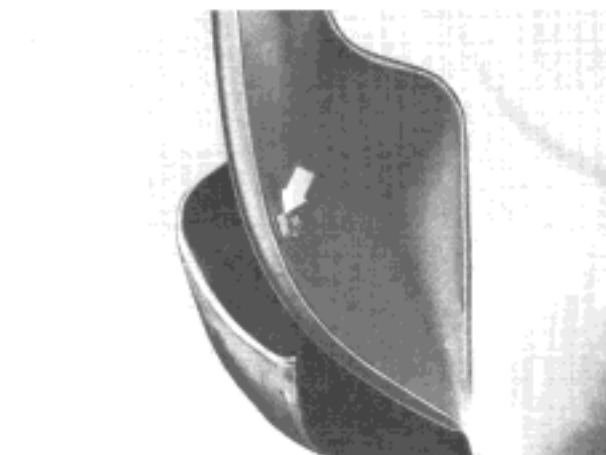
**51 11 011 Bumper — front centre section:
renewing**
— Overrider removed —

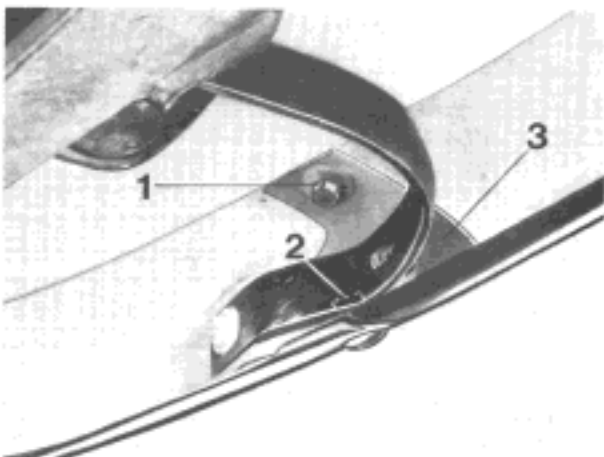
Unscrew bolt (1) and nut (2) at left and right
and remove centre section.
Installation instructions: Do not forget spacer
piece (4).



**51 11 121 Bumper — front wrap round section:
renewing**
— Overrider removed —

Unscrew attachment nut in wheel casing.

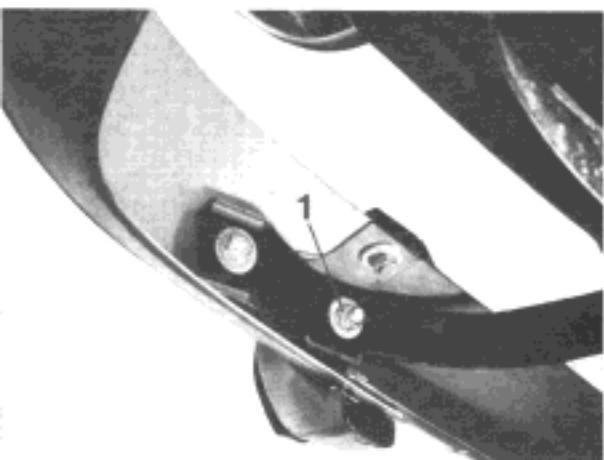




Unscrew nuts (1) and (2)

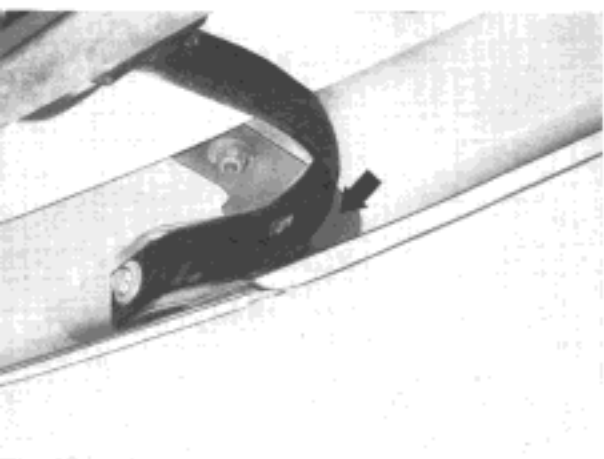
Remove wrap round section of bumper

Installation instructions: Do not forget spacer piece (3).

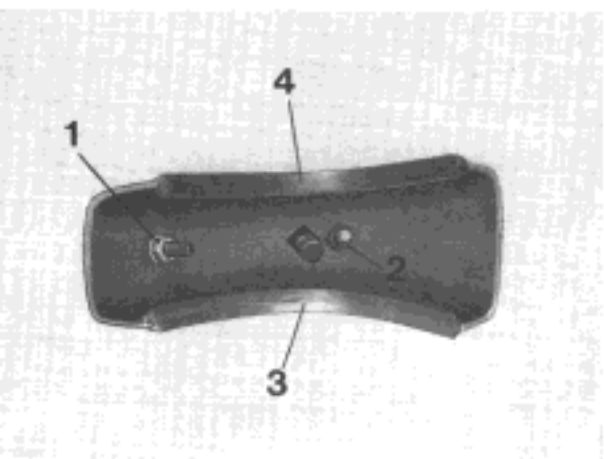


Unscrew nut (1)

Remove override.



Installation instructions: Do not forget spacer piece.



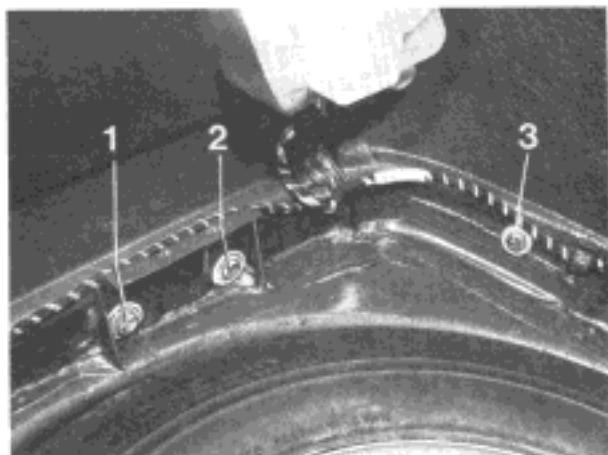
Unscrew nuts (1 and 2) and remove rubber pad.

Installation instructions: Ensure correct seating of underlay (3 and 4).

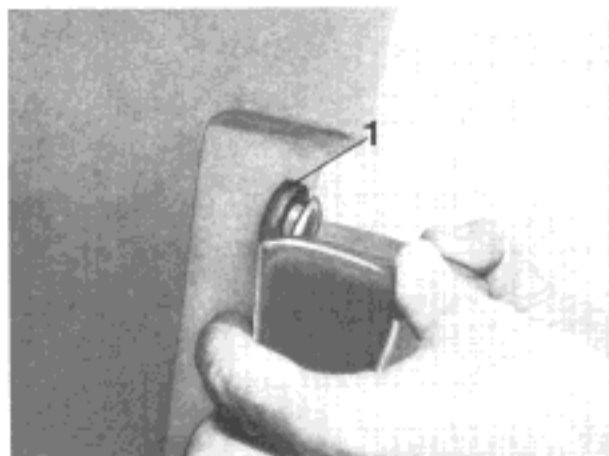


51 12 000 Bumper — complete rear: removing and installing

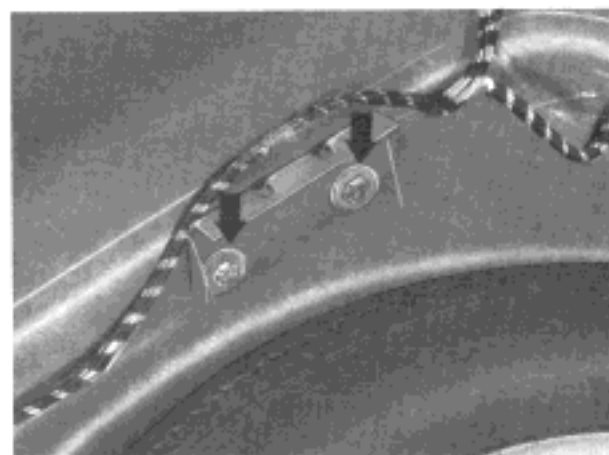
Removing luggage compartment floor panelling.
Unscrew attachment bolts right and left (1 → 3).
Removing and installing licence plate light 63 26 000.



Installation instructions: Do not forget rubber spacer piece (1) between bumper and body.



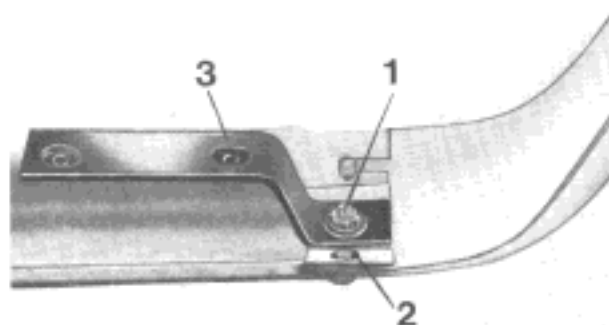
Installation instructions: Seal off attachment bolts between the body and underlay plates with sealing compound.

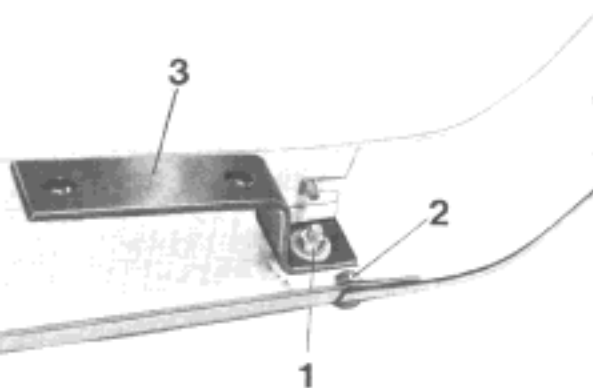


51 12 011 Bumper — rear centre section: renewing
— Bumper joint cover removed —

Removing and installing rear bumper 51 12 000.
Unscrew nuts (1 and 2) left and right.

Installation instructions: Ensure installation angle of spring bracket (3) in correct.

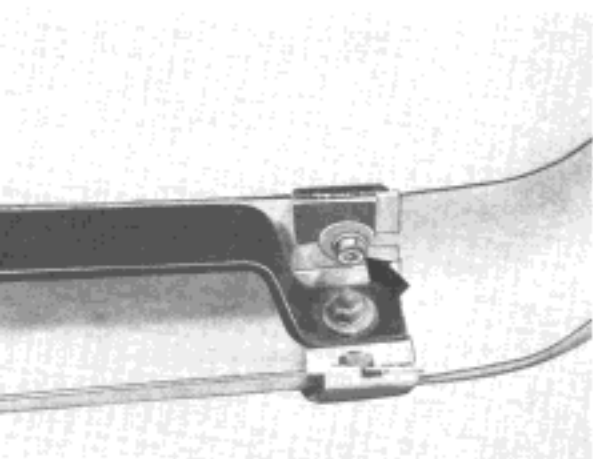




51 12 201 Bumper — rear wrap-round section: renewing
 — Bumper joint cover removed —

Removing and installing complete rear bumper
 51 12 000.

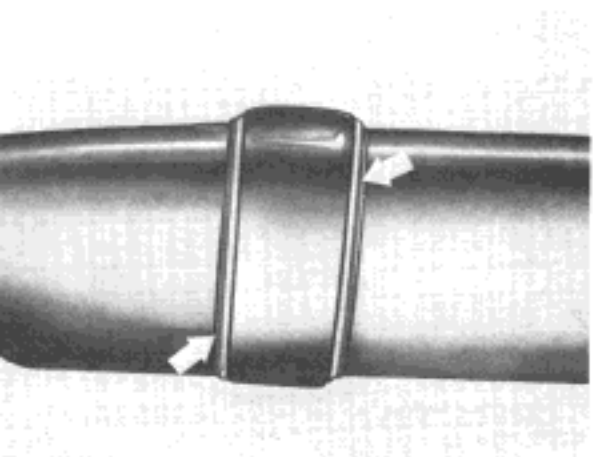
Installation instructions: Ensure installation angle of spring bracket (3) is correct.



51 12 301 Bumper rear joint cover: renewing

Removing and installing complete rear bumper
 51 12 000.

Unscrew nuts.

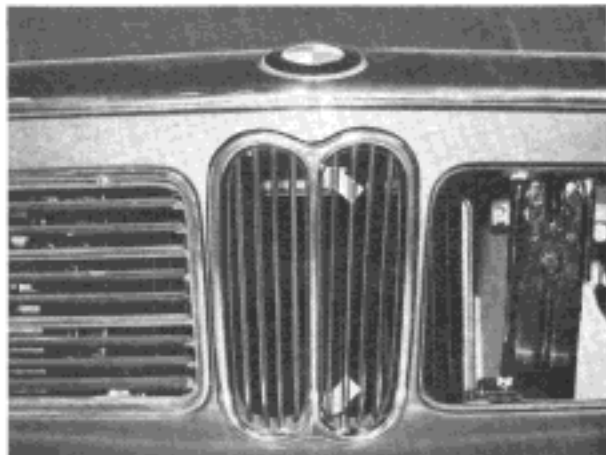


Installation instructions: Ensure correct seating of underlays.



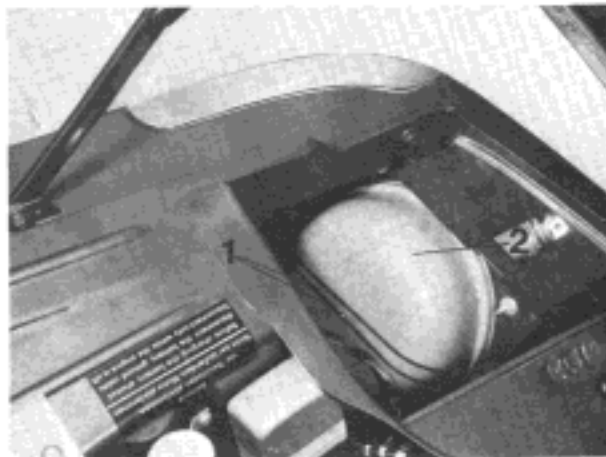
51 13 000 Removing and fitting centre radiator grille

Remove and fit front right and left radiator grilles, 51 13 040.
Unscrew inner centre retaining nuts (arrows) and take off radiator grille.

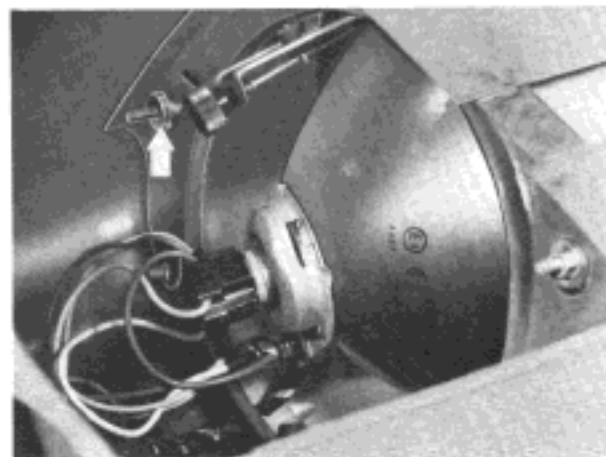


51 13 040 Removing and fitting front right and left radiator grilles

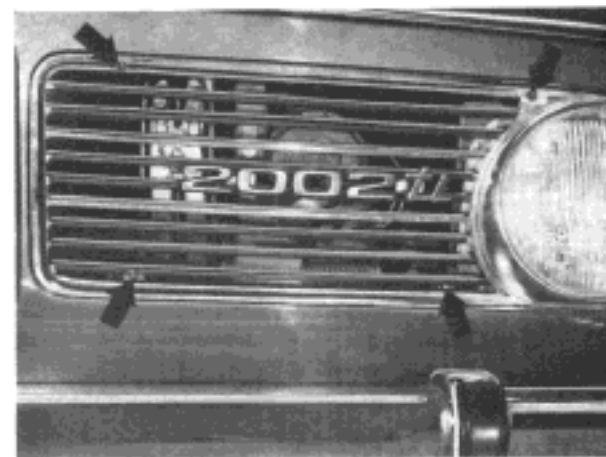
Remove clamp strip (1) and cover (2).



Unscrew knurled nut.



Unscrew Philips head self-tapping screws and remove radiator grilles.

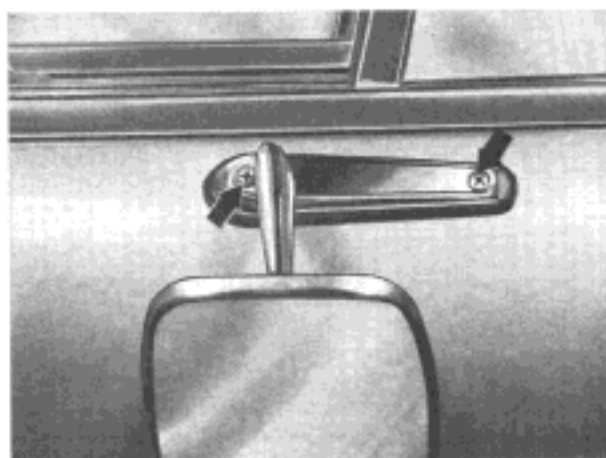


51 16 000 Removing and fitting rear-view mirror on door

A) Previous model:

Turn arm.

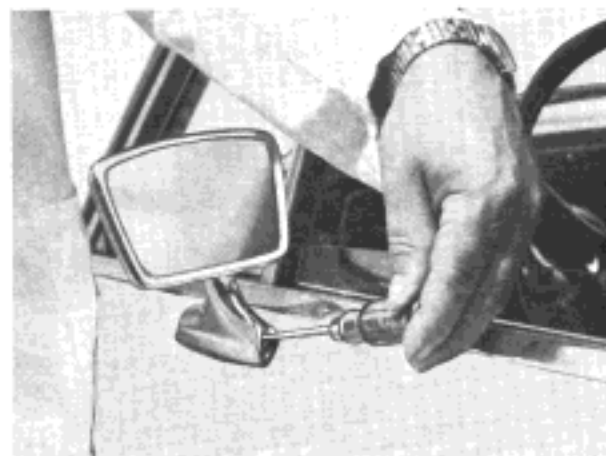
Remove screws.



B) Present model:

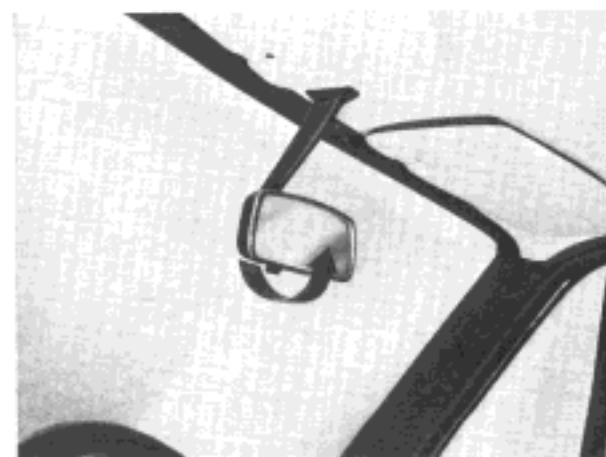
Bend back rubber covering, slacken screw and remove mirror.

Fitting instruction: Pay attention to correct seating of rubber gasket.



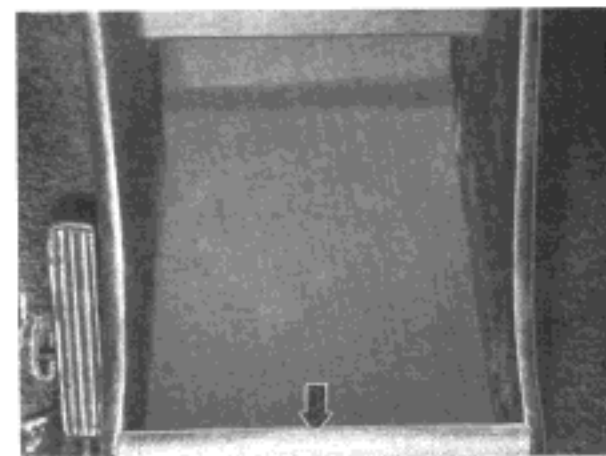
51 16 060 Removing and fitting interior rear-view mirror

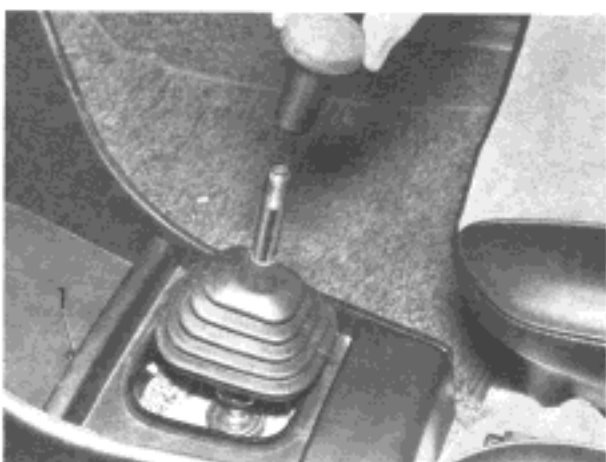
Pull rear-view mirror away to the rear.



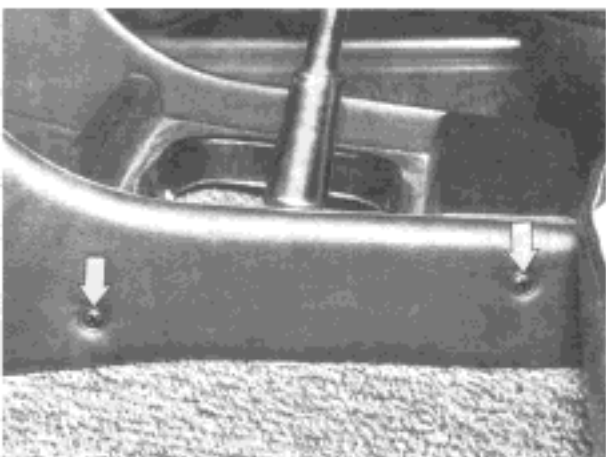
51 16 200 Removing and fitting storage compartment

Loosen screws and remove storage tray towards rear.

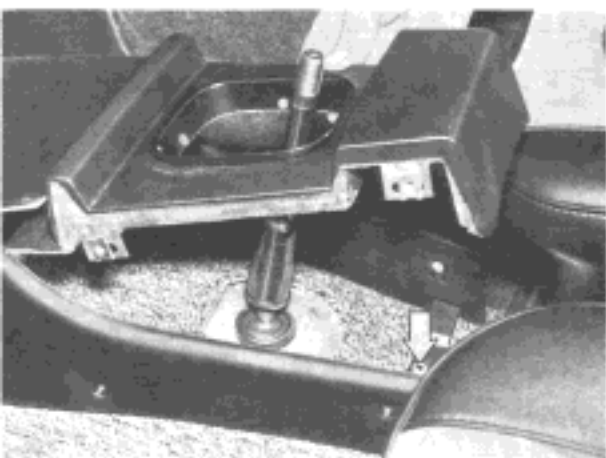




On 'touring' and 71 models:
 Unscrew gear lever knob.
 Pull out rubber gaiter.
 Loosen screw (1).



Remove screws at left and right.



Take out the floor of the storage compartment.
 Lift out the trim panel.
 Loosen the screw beneath.

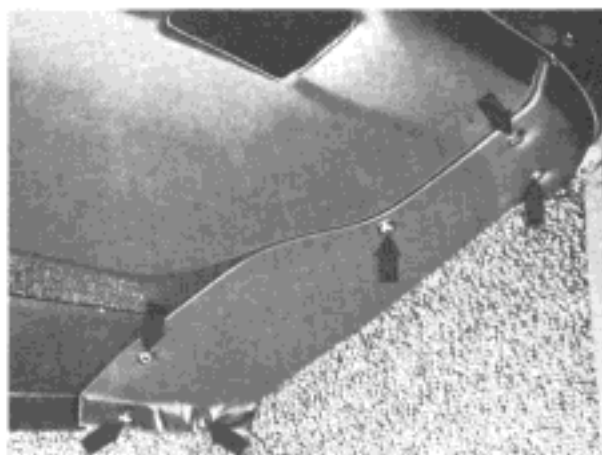


Loosen the retaining bracket screw.
 Pull the storage compartment back.
 Pull the hazard warning flasher plug off.
 Remove the compartment to one side.

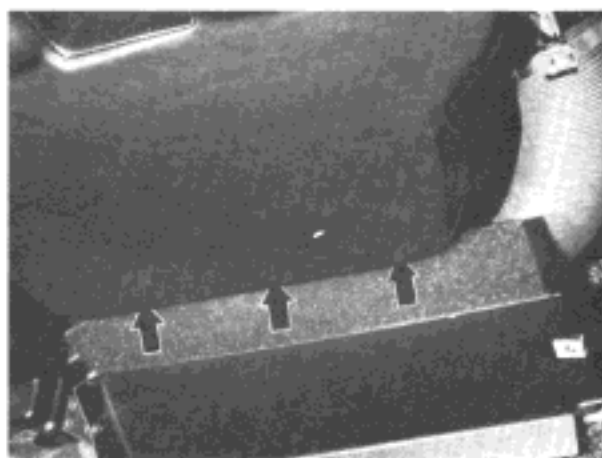


51 16 360 Removing and fitting glove compartment

Loosen screws and remove outer right-hand covering.



Loosen hinge securing screws.
Take off glove compartment towards rear.



51 21 001 Renewing door catch

Remove rear seat.

Lift side trim panel out of clip and remove upwards.



Loosen screws.

Note: Hold threaded plate in place with one hand.

Fitting instruction: Adjust door catch.



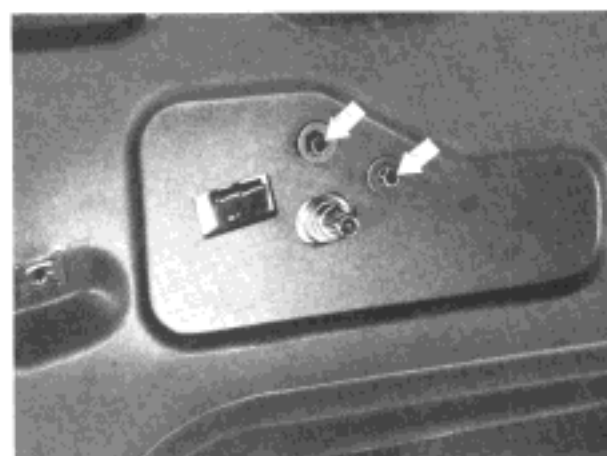
51 21 090 Removing and fitting door lock

Remove and fit door lining panel, 51 41 000.

Remove Acella film as far as necessary.

Loosen securing screws of lock remote control mechanism.

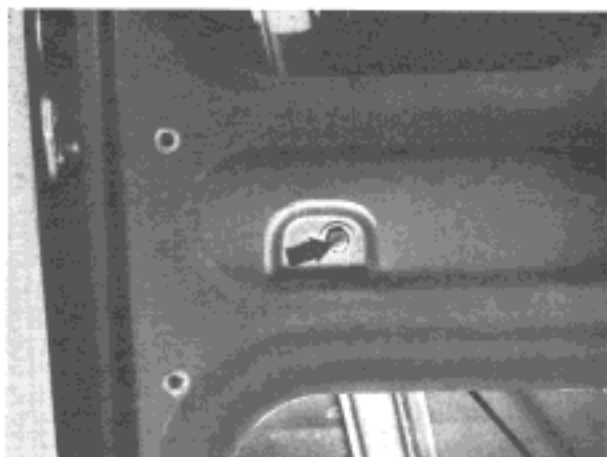
Note: Only remove door lock when in closed position, i.e. inner door handle forwards.



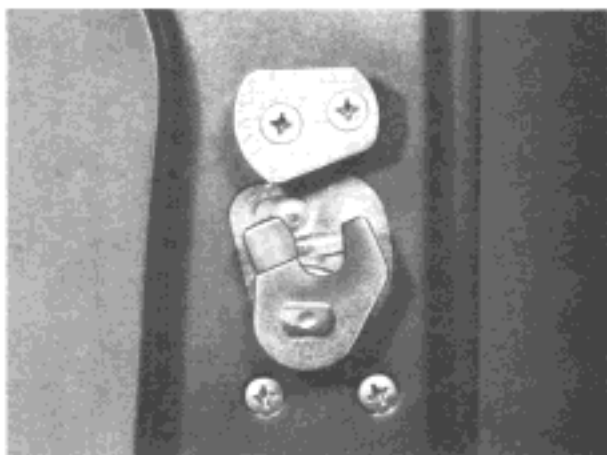
Detach connecting rod for remote control at lock.

Fitting instruction: The remote control mechanism must be adjusted so that there is 3÷5 mm (0.118÷0.197") play at the inner door handle.



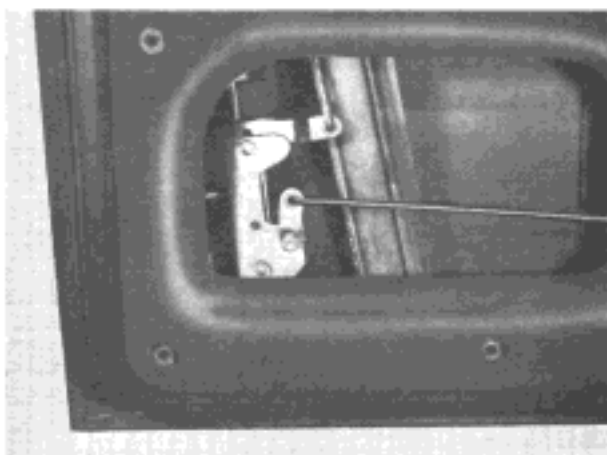


Unscrew screw.



Loosen screws for toggle spring lock.

Fitting instruction: Insert spacer roller in guide buffer.



Remove lock downwards.



51 21 120 Removing and fitting lock remote control mechanism

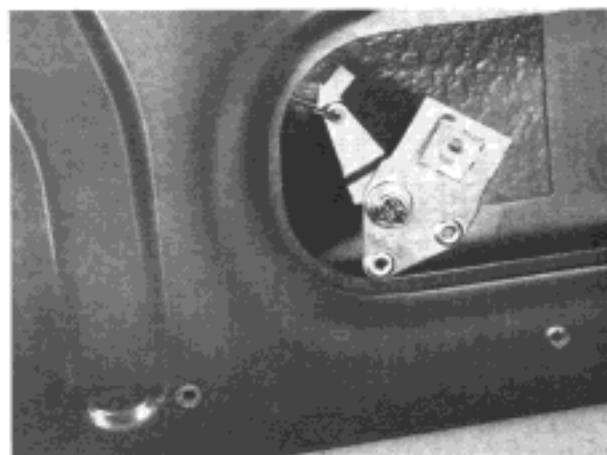
Remove and fit door lining panel. 51 41 000.

Remove Acella film as necessary.

Loosen securing screws of lock remote control mechanism.

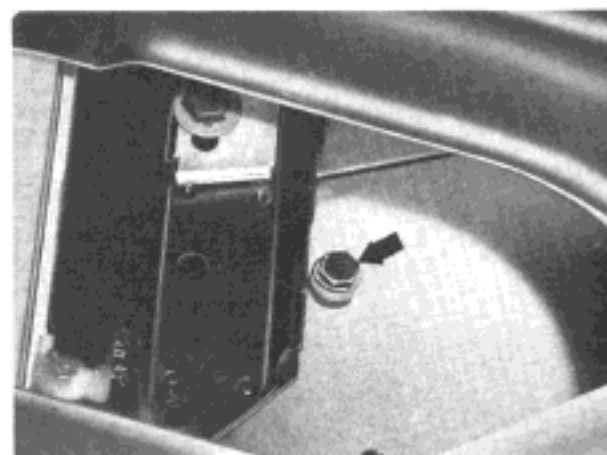


Detach connecting rod of remote control mechanism.

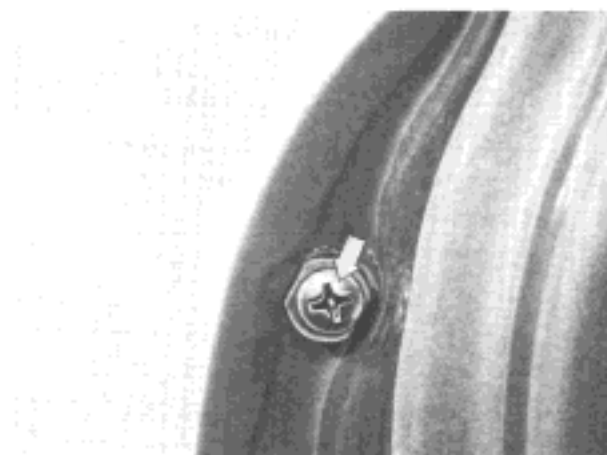


51 21 170 Removing and fitting outer door handle

Remove and fit door lining panel. 51 41 000.
Unscrew retaining screw inside door.

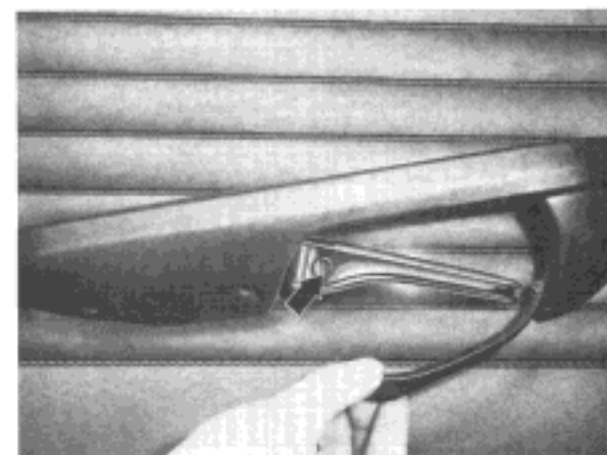


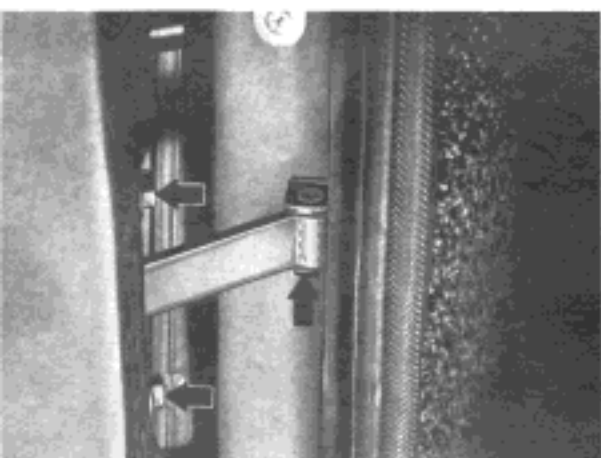
Loosen Philips head screw and take off outer door handle.
Fitting instruction: Do not forget rubber gasket.



51 21 230 Removing and fitting inner door handle

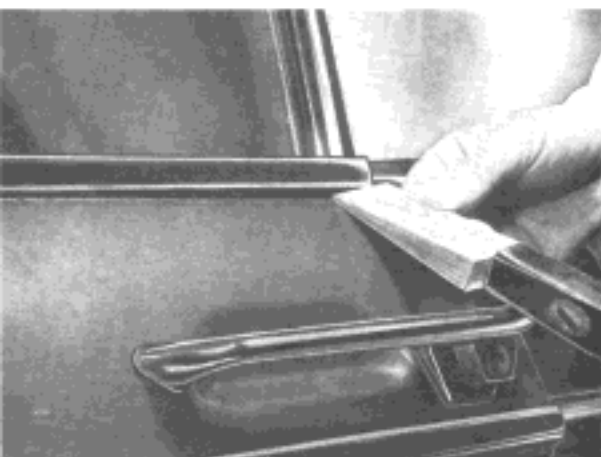
Press off cover at rear and lift out forwards.
Loosen screw, pull off inner handle.
Fitting instruction: Do not forget cover plate between inner door handle and door lining panel.





51 21 280 Removing and fitting door stop

Remove and fit door lining panel. 51 41 000.
Remove Acella film as far as necessary.
Drive out rivet.
Loosen screws.
Remove door stop towards interior.



51 21 300 Window well — Removing and fitting outer door cover rail

Loosen window well cover rail by tapping lightly with a wedge of hardwood — starting at rear — and remove



51 21 371 Renewing contact buffer for interior light

Pull contact buffer out.

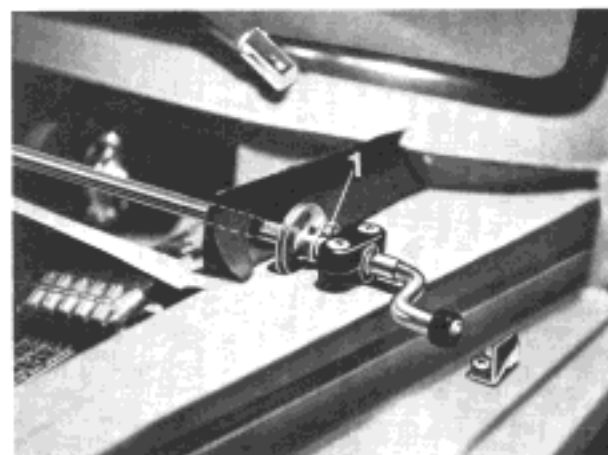


51 23 004 Engine compartment lid
— adjusting —

Set the lid locking lever against the front stop.



Loosen clamp screw (1) and adjust wire cable until the locking bar is horizontal and facing the front.



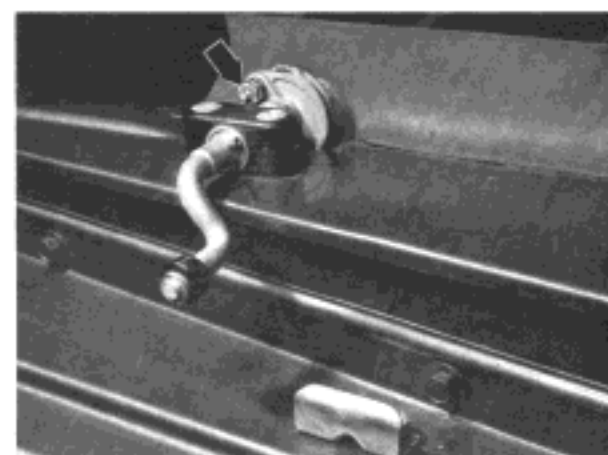
51 23 200 Lever and bracket for engine compartment lid
— removing and installing

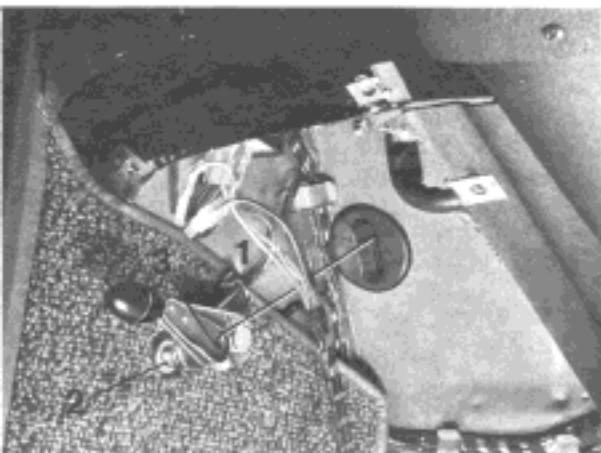
Loosen screws and remove outer left trim panel.



Loosen wire cable at clamp disc.

When installing: Adjust engine compartment lid — 51 23 004.





Unscrew screws (1 and 2), detach control cable (3) and remove bracket with lever.



51 23 210 Removing and fitting control cable for bonnet (hood) catch

Loosen screws and remove outer left trim panel.



Loosen wire cable at clamp disc.



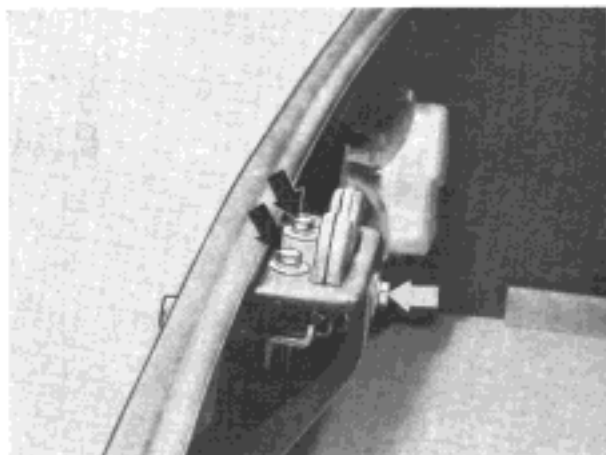
Detach wire cable.

When installing: Adjust engine compartment lid — 51 23 004.

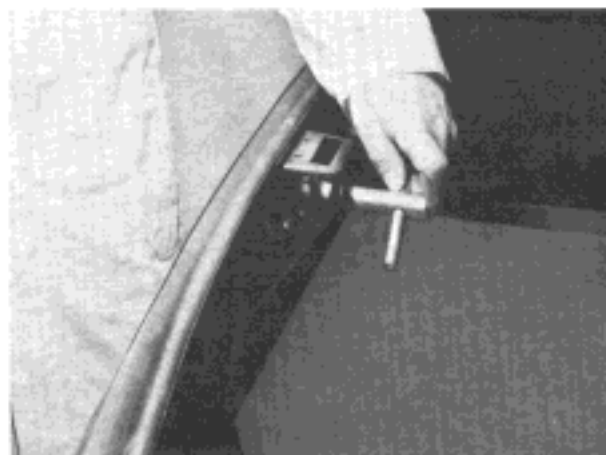


**51 24 050 Removing and fitting boot
(trunk) lid catch**

Loosen screws.



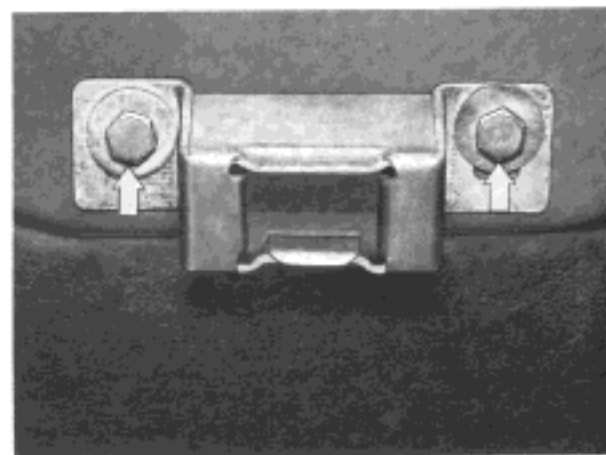
Unscrew threaded ring and pull out boot lid lock.
Remove boot lid catch.

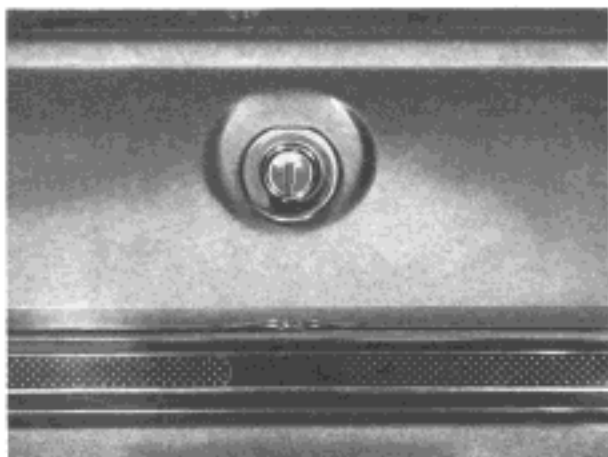


On 'touring':
Pull cable away from contact switch.
Remove lower part of rear door catch.
When installing: Adjust rear door catch — 41 62 014.



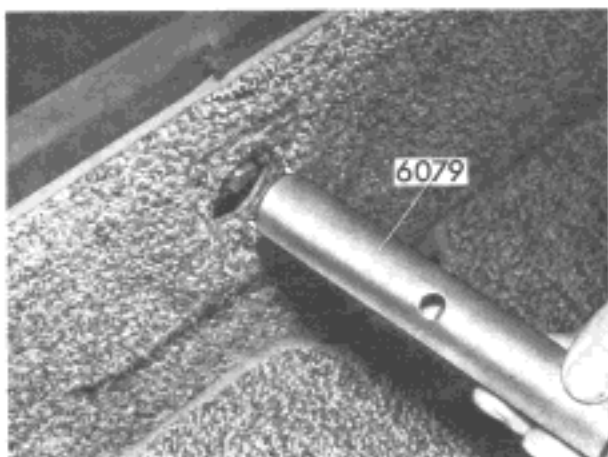
Remove upper part of rear door catch.
When installing: Adjust rear door catch — 41 62 014.





51 24 100 Removing and fitting boot (trunk) lid lock

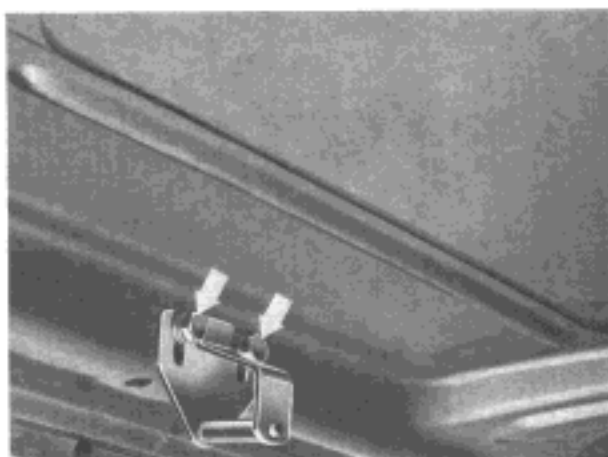
Remove and fit boot (trunk) lid catch — 51 24 050.
Fitting instructions: Note fitted position.



On 'touring':

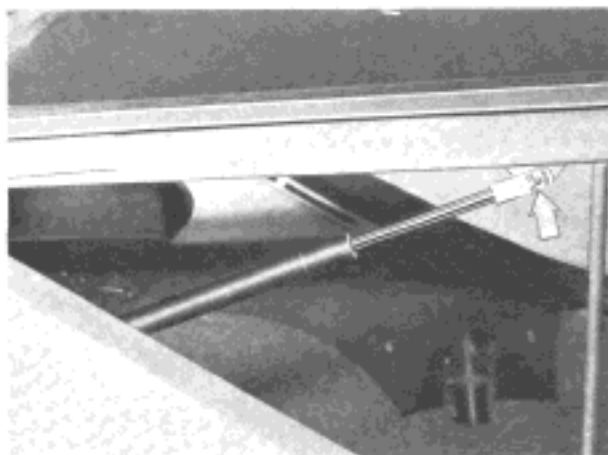
Remove lower part of rear door catch — 51 24 050.
Unscrew threaded ring with 6079 box spanner.
Take out the lock.

When installing: Note installed position — slot facing downwards with lock closed.



51 24 130 Removing and fitting striking plate for boot (trunk) lid catch

Loosen screws.
Adjust striking plate.



51 24 301 Gas spring — replacing

Support the rear door.
Detach the keeper at the spring pivot.



Remove screws.

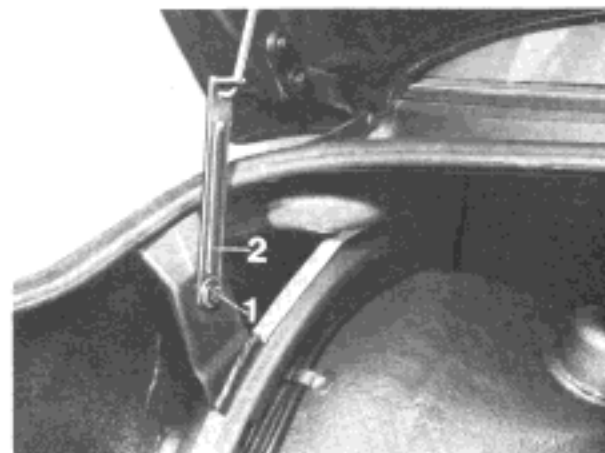
Remove the gas spring complete with bracket.

Lift out securing member. Remove bracket.

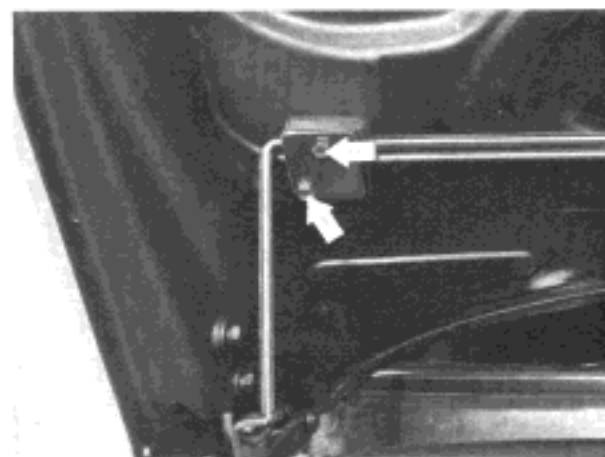


51 24 341 Torsion bar springs for luggage compartment lid — renewing

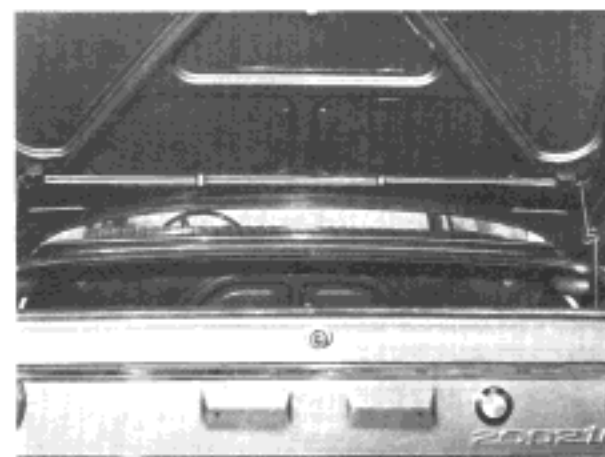
Remove fixing nuts (1) for the left and right supports (2).



Remove bolts at left and right.



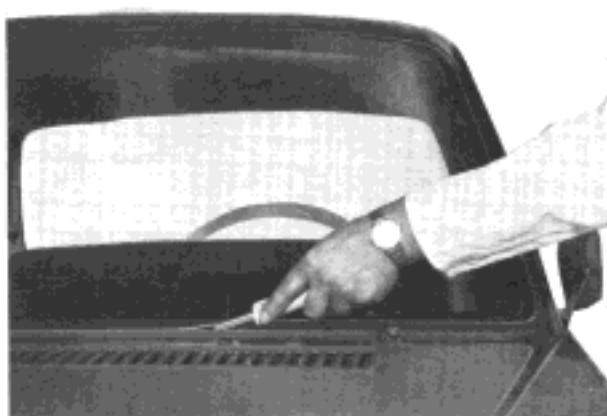
When installing: Note the installed position of the torsion bar springs.



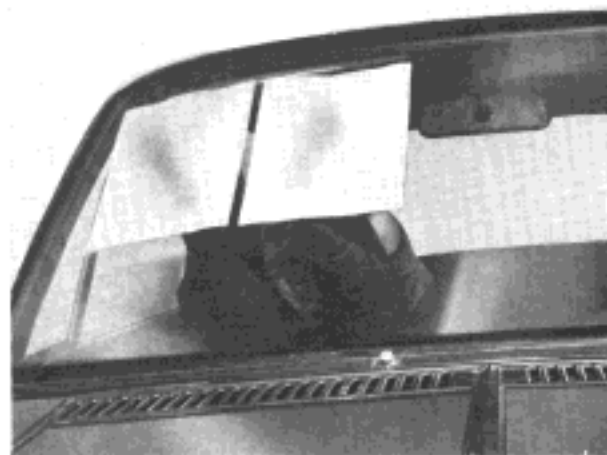
51 31 000 Removing and fitting complete windshield

Remove windshield wiper arms.

Remove filler strip and using a lip extractor, detach the rubber window seal carefully from the body.

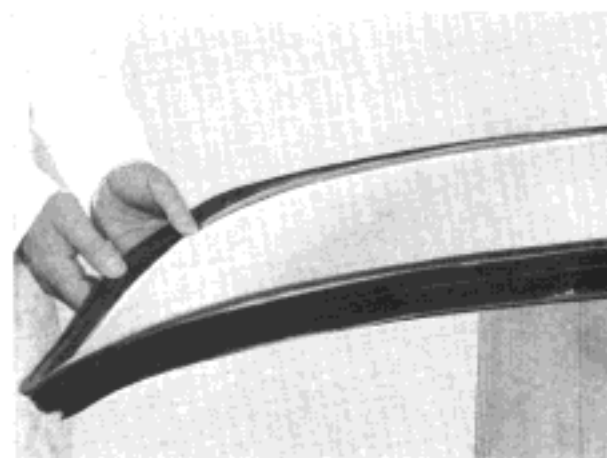


Start at one of the top corners and push windshield with hands or feet if necessary, out of body.

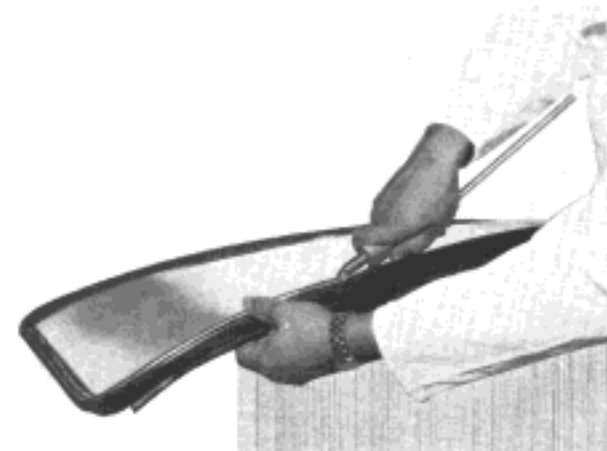


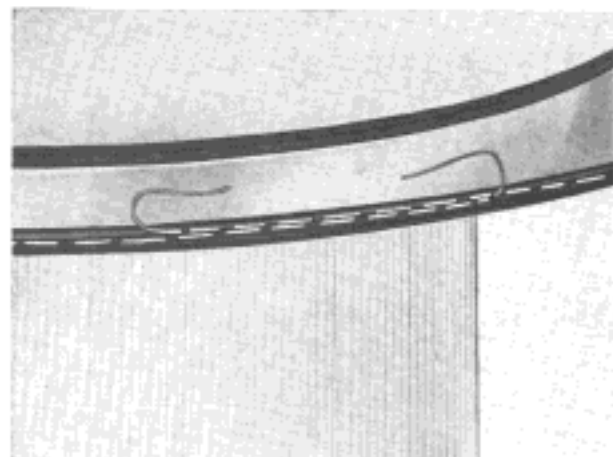
Fitting instruction: Renew porous rubber seal.

Note: To avoid damaging the glass use soft glass holding device. Pull on rubber seal.

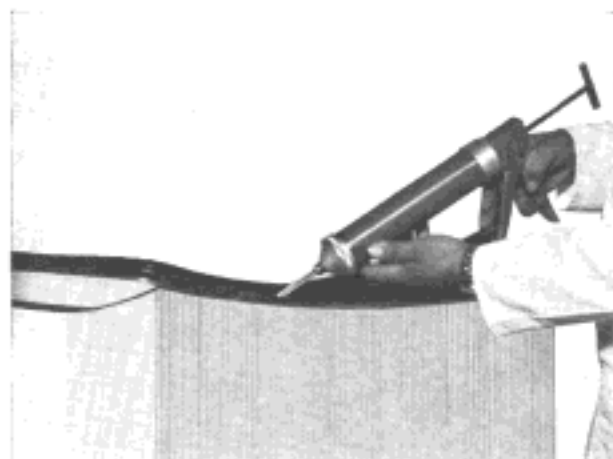


Insert filler strip in rubber seal.





Fit length of string or wire, approx.
3 mm (1/8") dia., into rubber seal.
The two ends of the string should overlap at the
bottom by about 30 cm (1 ft.).



Uniformly fill rubber lip all round with joint mastic ¹⁾.



Place preassembled windshield on windshield
aperture and hold firmly to prevent slipping to one
side. Pull rubber seal over body web using string.



During the fitting procedure use suitable pad or
flat of the hand to bring windshield into correct
position by knocking in regular pattern.



¹⁾ See Technical data.

51 31 001 Renewing windshield

Remove and fit windshield, 51 31 000.

Check rubber surround for re-use and renew if necessary.

In the case of a broken windshield remove glass splinters from defroster nozzles and interior.

Insert new windshield into windshield aperture with a number of rubber moulding sections.

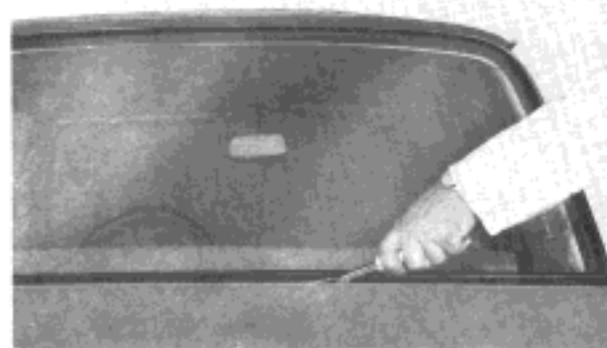
The clearance (A) between windshield and body aperture must be approx.

$6.5 \div 7 \text{ mm}$ ($0.26 \div 0.276''$).

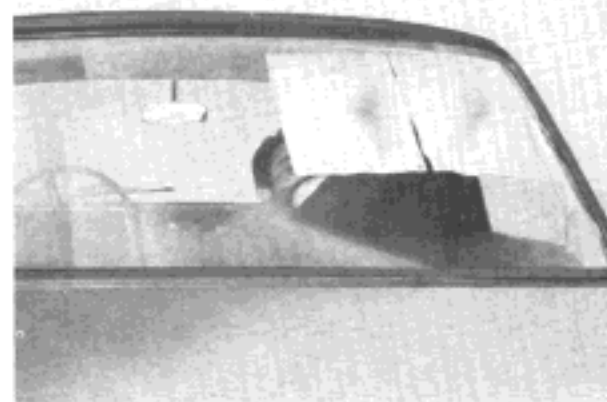


51 31 200 Removing and fitting rear window

Remove filler strip and using a lip extractor, detach the rubber window seal carefully from the body.



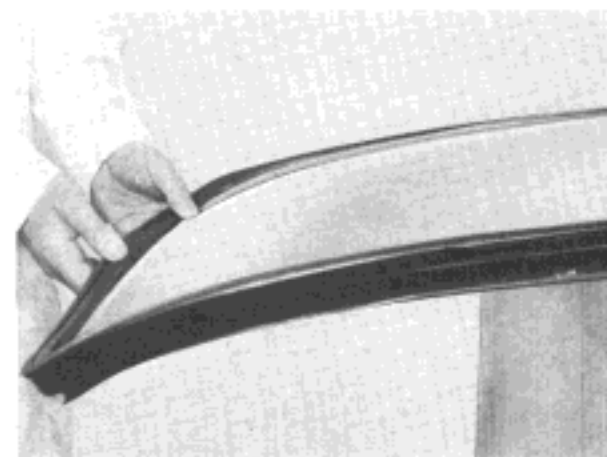
Start at one of the top corners and push rear window with hands, or feet if necessary, out of body.

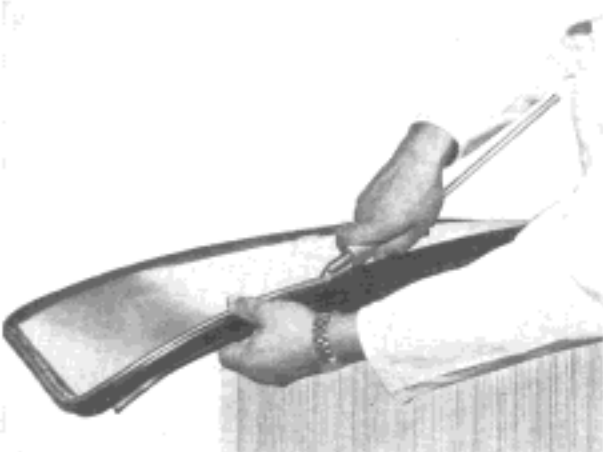


Fitting instruction: Renew porous rubber seal.

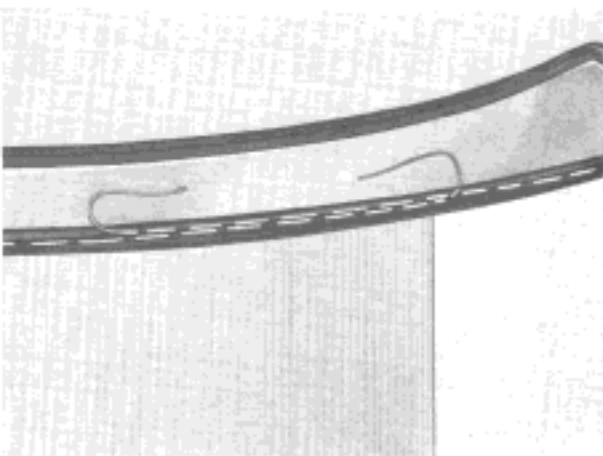
Note: To avoid damaging the glass use soft glass holding device.

Pull on rubber seal.





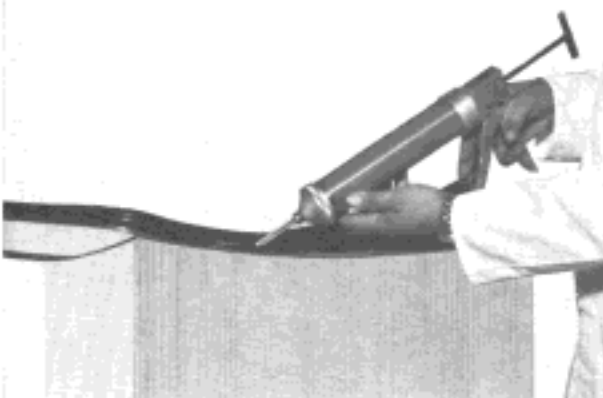
Insert filler strip in rubber seal.



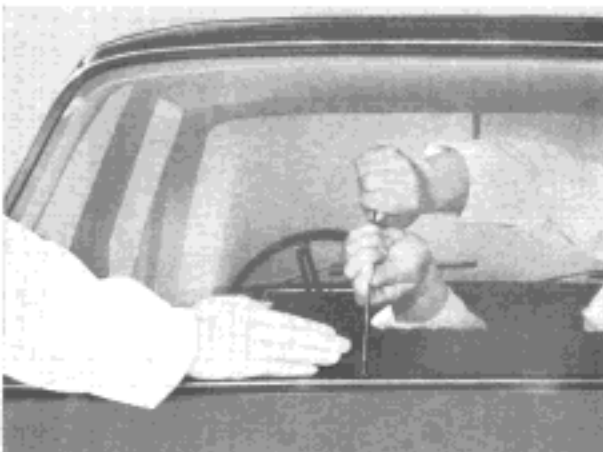
Fit length of string or wire, approx.

3 mm (1/8") dia., into rubber seal.

The two ends of the string should overlap at the bottom by about 30 cm (1 ft.).



Uniformly fill rubber lip all round with joint mastic ¹⁾.



Place preassembled windshield on windshield aperture and hold firmly to prevent slipping to one side. Pull rubber seal over body web using string. During the fitting procedure use suitable pad or flat of the hand to bring windshield into correct position by knocking in regular pattern.

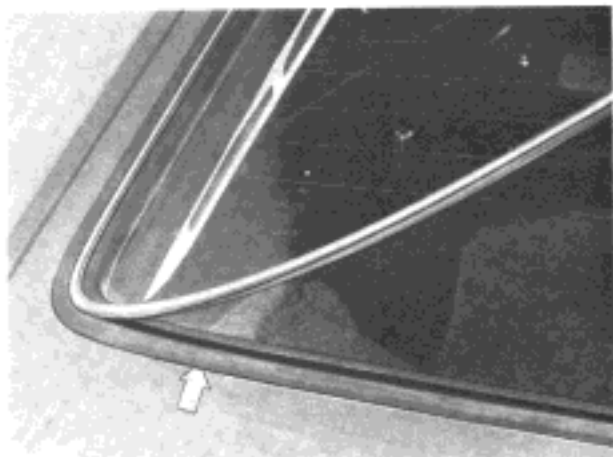


¹⁾ See Technical data.

On 'touring' models:

Remove the cable for the heated rear window.

Take out filler strip and carefully remove the rubber surround from the body with a lip-type puller.



Beginning at one of the lower corners, carefully press out the glass together with the rubber surround.



Note: To avoid scratching, use a soft cover over the glass.

Fit the new rubber surround.

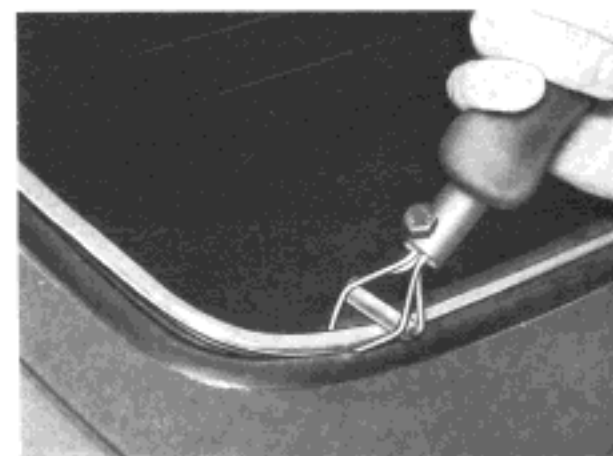
Thread a cord or cable approx. 3 mm (0.12 in.) in thickness through the rubber surround. The cord ends should overlap by approx. 30 cm (18 in.).

Lay the glass together with the rubber surround on to the cutout for the window and hold firmly to prevent sliding sideways. Beginning at the bottom, pull the rubber surround over the edge of the bodywork using the threaded cord. The glass is brought into the correct position by evenly tapping it using a pad or the palm of the hand.



Fit the filler strip into the rubber surround.

Seal the glass with Teroson Sealing Compound 2322.

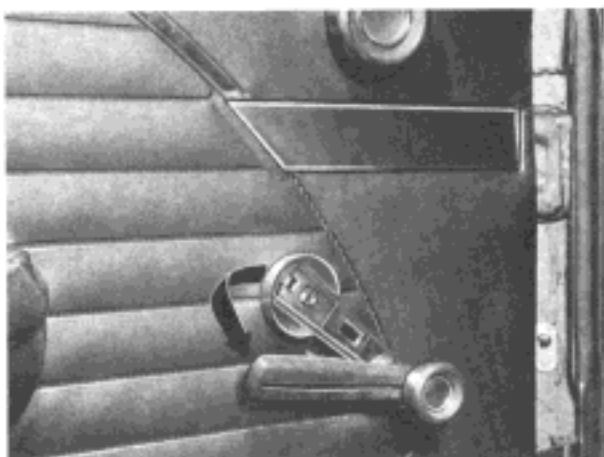


51 32 000 Removing and fitting window crank

Press off cover plate and lift out.

Loosen screw and remove window crank with thrust washer.

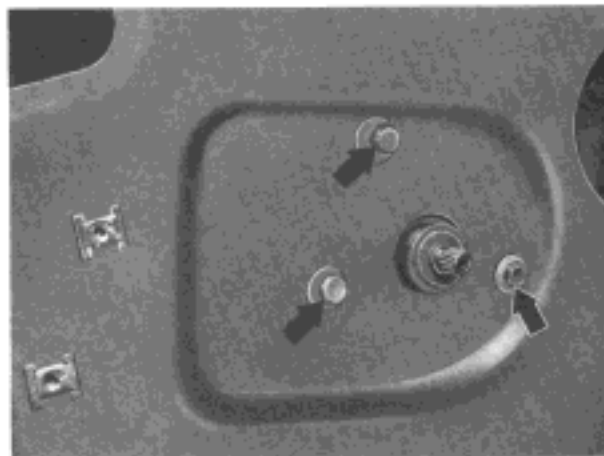
Fitting instruction: When the window is closed the knob on the window crank must point downwards.



51 32 020 Removing and fitting crank mechanism

Remove and fit door window. 51 32 170

Loosen screws and take out crank mechanism.

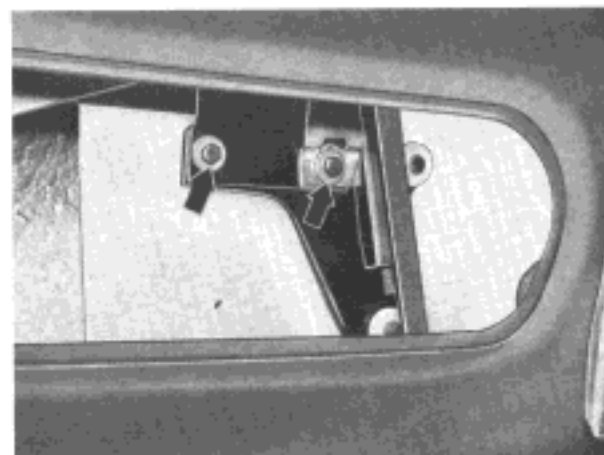


51 32 040 Removing and fitting retaining bracket for window lift rail

Remove and fit door lining panel. 51 41 000.

Dismantle retaining bracket from lift rail.

Fitting instruction: Push retaining bracket upwards. Both guide rollers must locate on the guide rail.

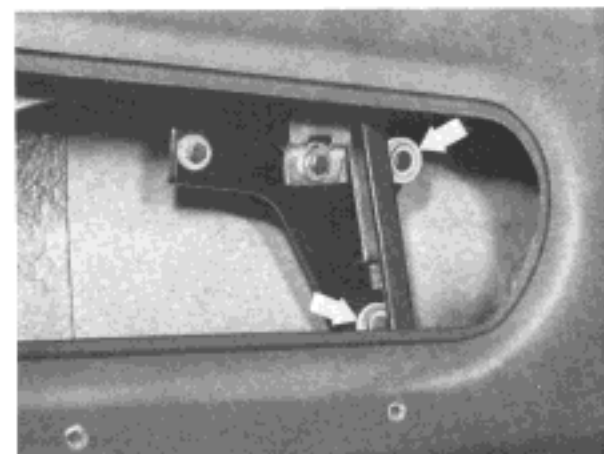


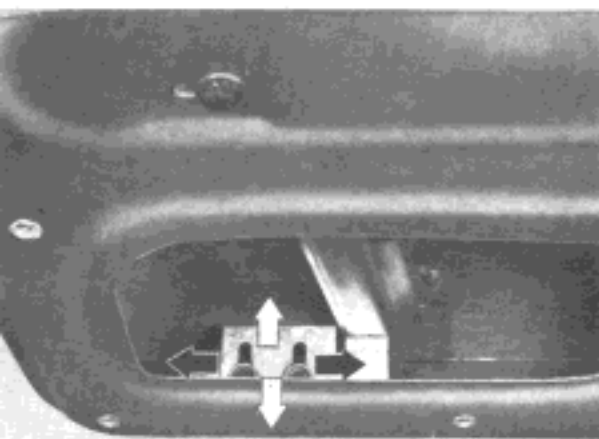
51 32 154 Adjusting door window

Remove and fit door lining panel. 51 41 000.

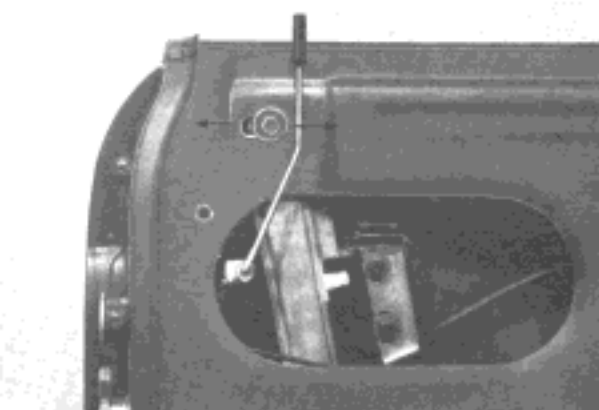
Slacken window retainer at lift rail.

Fitting instruction: Push retaining bracket upwards. Both guide rollers must locate on the guide rail.





Lower adjustment in longitudinal and transverse directions.

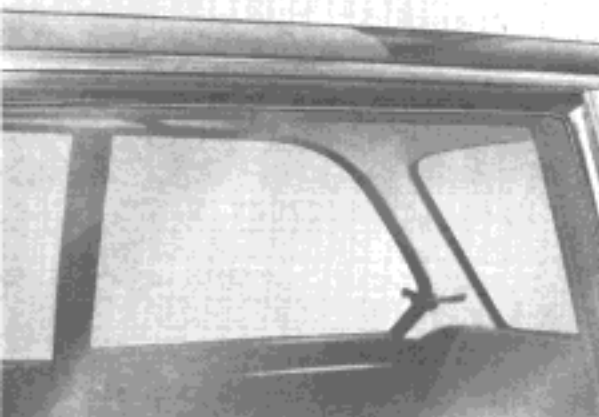


Upper adjustment in longitudinal direction.

Note: Only adjust with window closed.



Adjust the two stops so that they locate on the welded angles when the window is wound up.



When correctly adjusted the window must locate neatly at the top on the rubber seal.

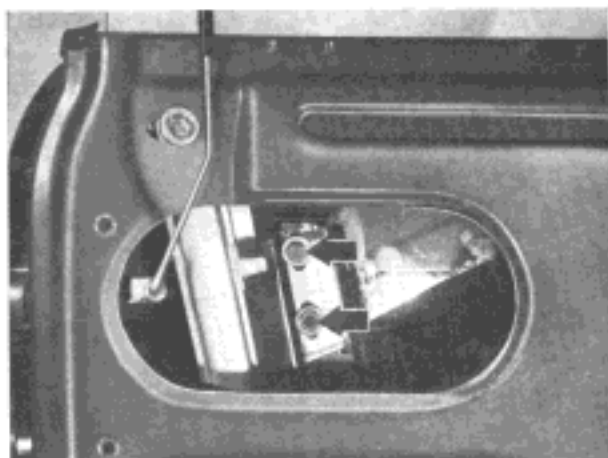


51 32 170 Removing and fitting door window

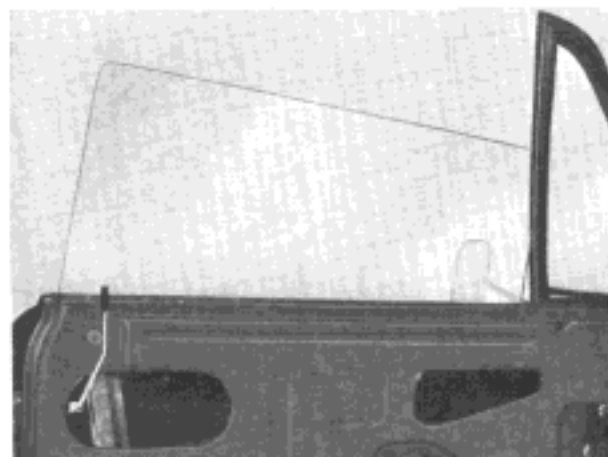
Remove and fit outer cover rail for window well in door.
51 21 300.

Remove and fit retaining bracket for window lift rail.
51 32 040.

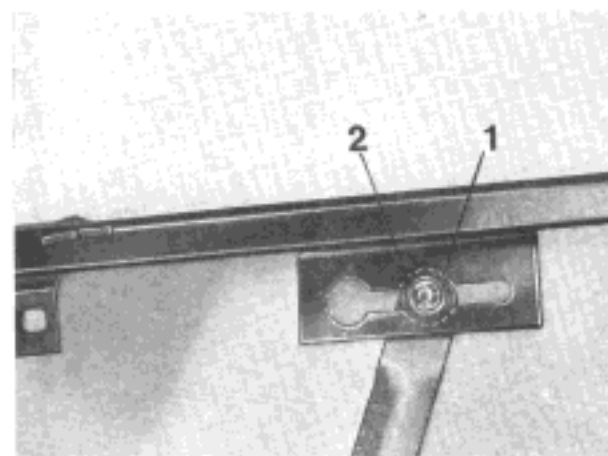
Loosen screws.



Open window approx. 15 cm (6"),
tilt forwards and detach lift arm from lift rail.

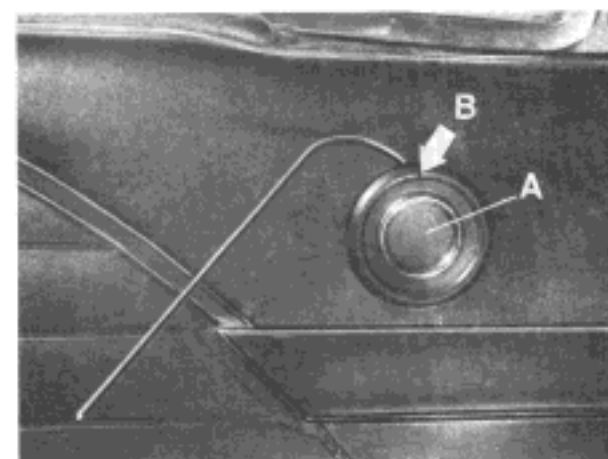


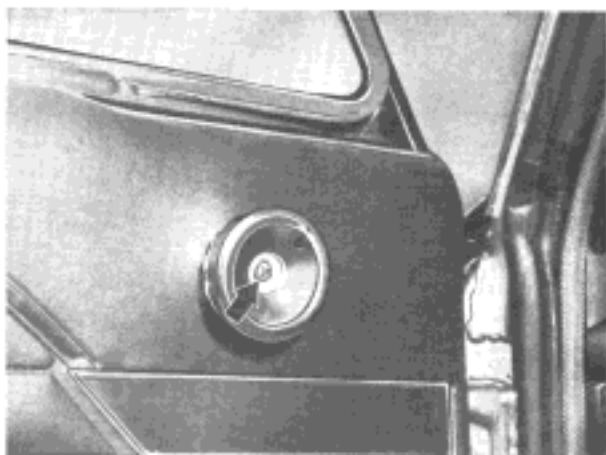
Fitting instruction: The lift rail must run between the two plastic washers (1 and 2). The large washer being fitted between lift arm and lift rail.



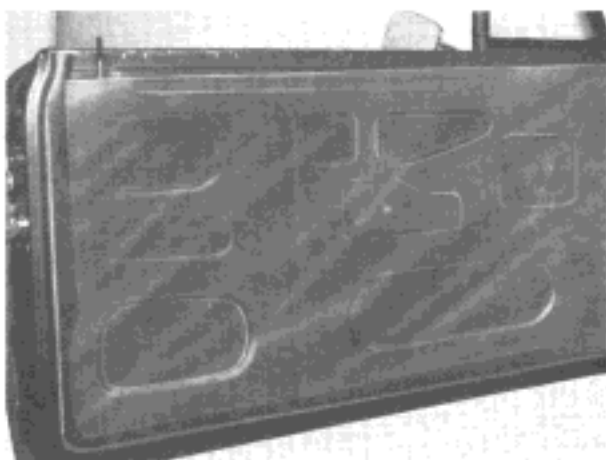
51 32 230 Removing and fitting handwheel for quarterlight

Press out cover (A) with a wire from the rear at hole (B).





Loosen screw and remove handwheel.

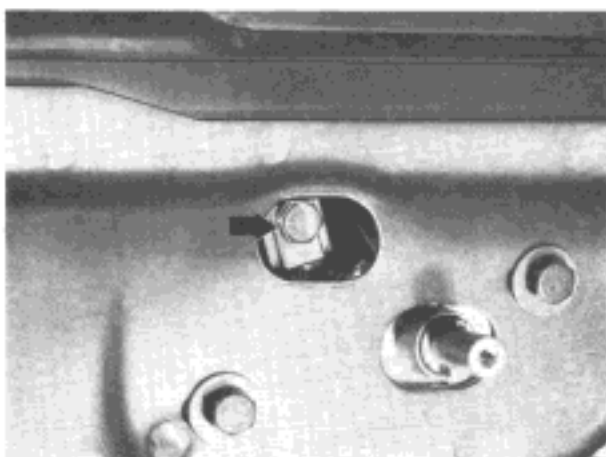


51 32 250 Removing and fitting quarterlight

Remove and fit door lining panel. 51 41 000.

Detach Acella film as far as necessary.

Fitting instruction: Stick on Acella film with special adhesive ¹⁾.



Slacken retaining screw on worm gear.



Open quarterlight. (A = approx 4 cm (1.6")).



¹⁾ See Technical data.

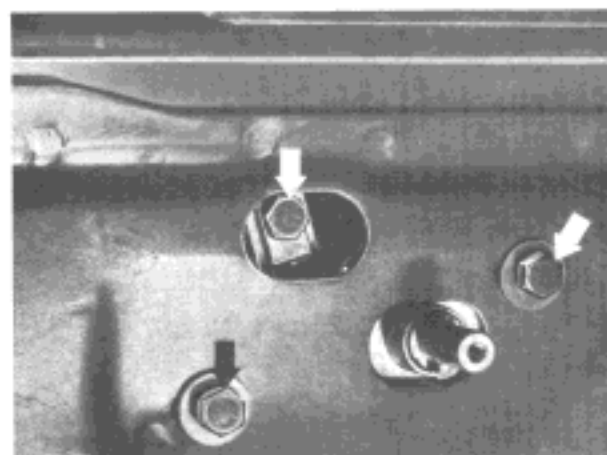
Push quarterlight firmly downwards out of hinge and then pull out upwards.



51 32 300 Removing and fitting worm gear for quarterlight

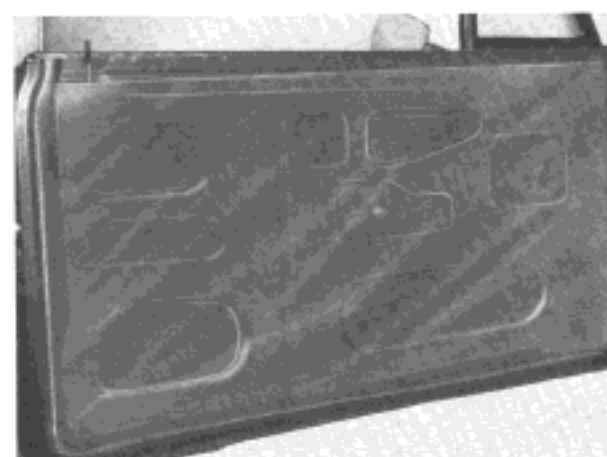
Remove and fit quarterlight. 51 32 250.
Loosen retaining screws.

Fitting instruction: When assembling, push worm gear firmly upwards.



51 32 350 Removing and fitting window frame complete with quarterlight

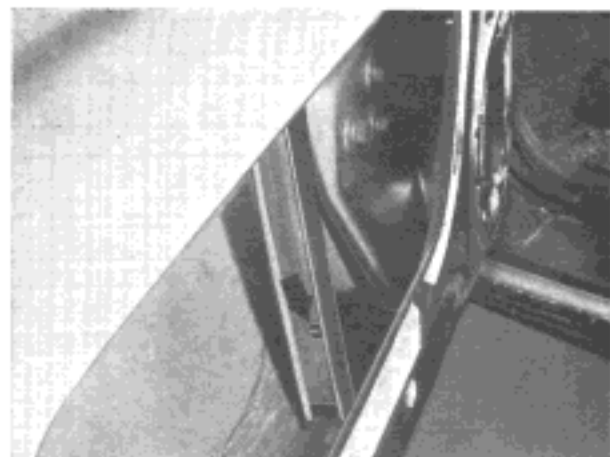
Remove and fit outer cover rail for window well in door. 51 21 300.
Remove and fit door lining panel. 51 41 000.
Detach Acella film as far as necessary.
Fitting instruction: Stick on Acella film with special adhesive ¹⁾.



Loosen screws (1 ÷ 4).



¹⁾ See Technical data.



Remove bottom screws.



Fitting instruction: Adjust quarterlight frame so that it locates neatly on door aperture.



51 41 000 Removing and fitting door lining panel

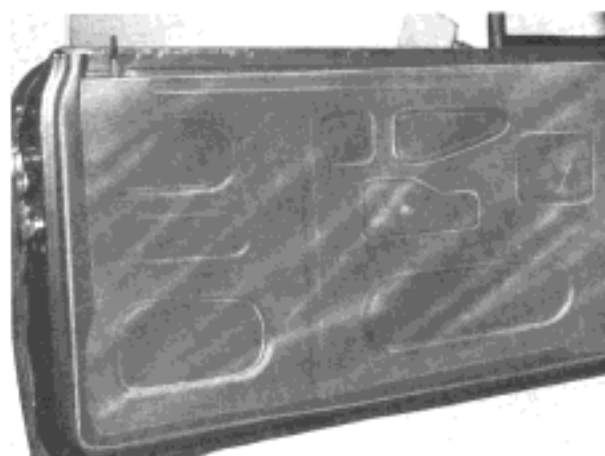
Remove and fit inner door handle. 51 21 230
Remove and fit window crank. 51 32 000
Remove and fit handwheel for quarterlight. 51 32 230
Remove and fit arm rest. 51 41 060
Lift door lining panel out of clips and remove upwards.



Remove springs of window crank and handwheel.
Fitting instruction: Fit spring of window crank with the large coil diameter facing the Acella film.



Check Acella film and renew if necessary.
Stick on with special adhesive ¹⁾).

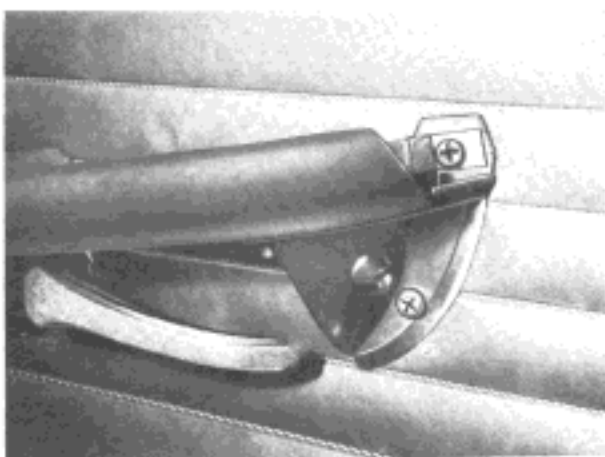


51 41 060 Removing and fitting arm rest

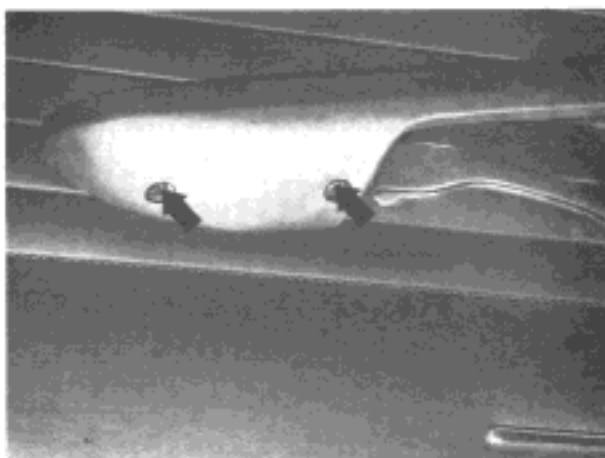
Loosen Phillips head screw.



¹⁾ See Technical data.



Lift out cover plate.
Unscrew Philips head screws.



Loosen bottom screws.



51 45 050 Upper section of facia trim
— removal and fitting —

Remove windshield — 51 31 000.

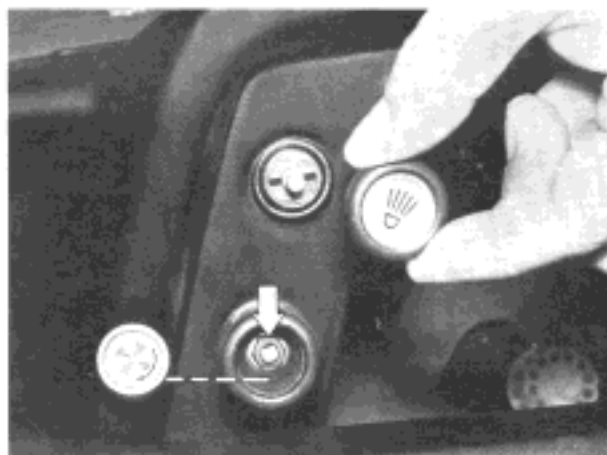
Remove instrument board — 62 21 000.

Unscrew the main light switch.

Lift off the cover from the knob for the heater blower switch. Unscrew nut and remove the knob.

Remove bezels. Pull out switch to rear.

The cables remain connected.



Unscrew the knob from windshield wiper switch.

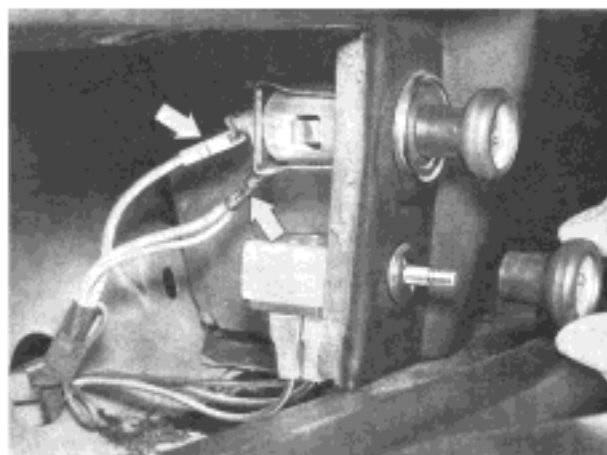
Unscrew bezel and withdraw the switch to the rear.

The cables remain connected.

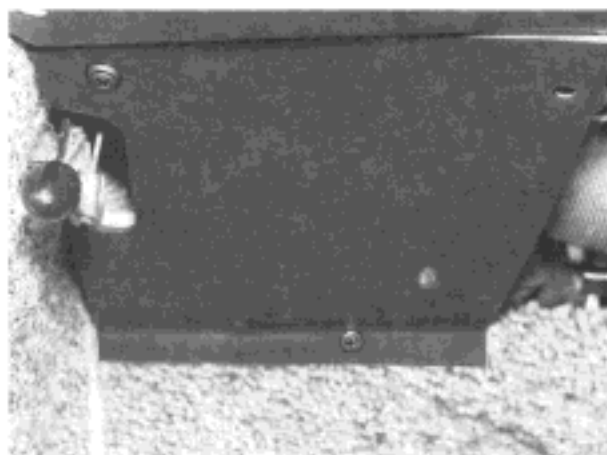
Remove the cable from the cigarette lighter.

Installation note: Red/yellow cable = positive

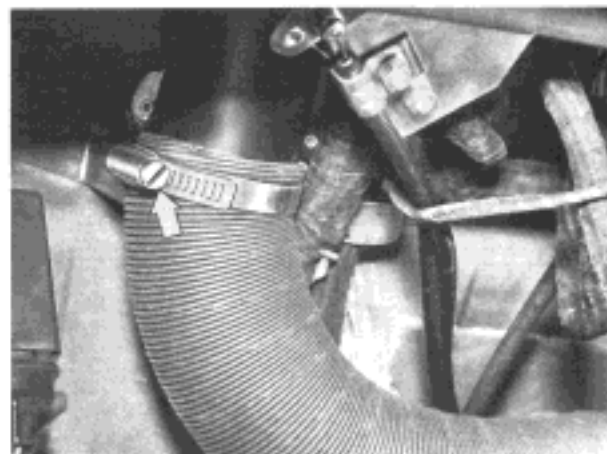
Brown cable = earth (ground).

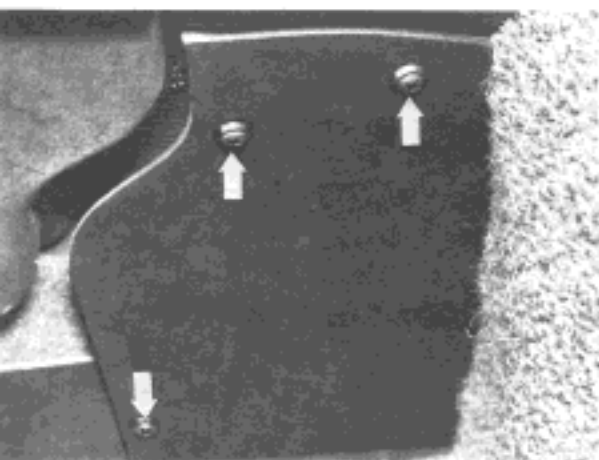


Remove trim from the lower left hand side of the facia.



Remove hose clip from the left hand demister outlet.

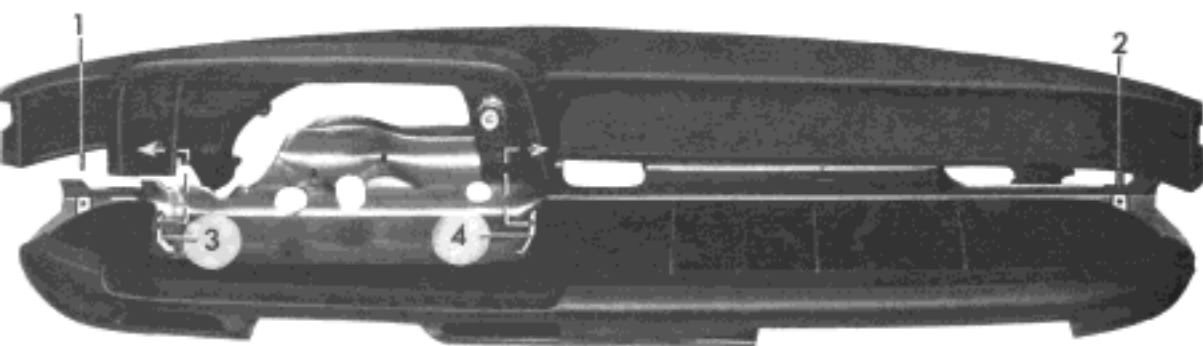




Remove the trim from the lower right hand side of the facia.



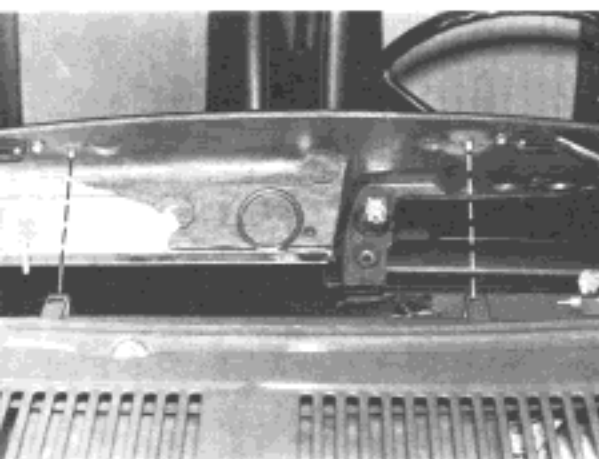
Remove hose clip from the right hand demister outlet.



Remove nuts from studs (1) and (2).

Withdraw screws (3) and (4).

Remove the trim from the upper section of the facia.



When installing: Fixing clips must rest in holders.

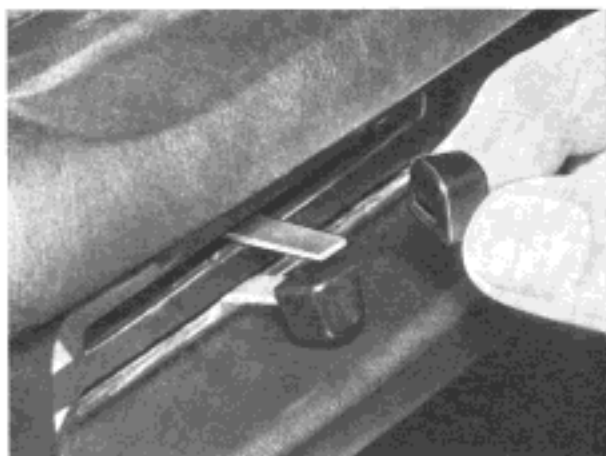


51 45 100 Facia and shelf trim – removing and fitting

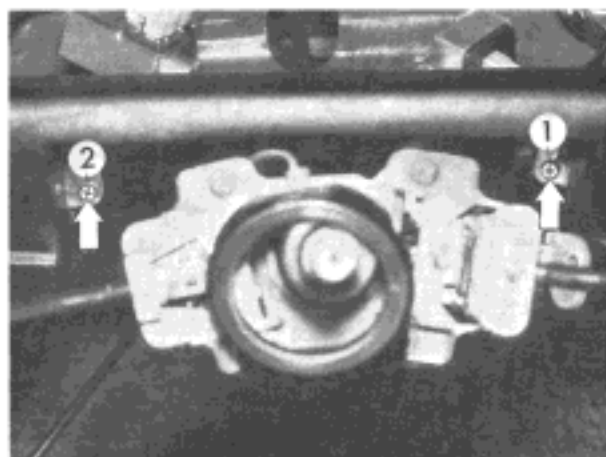
Remove facia trim, upper section – 51 45 050.

Remove facia trim, lower section – 32 31 020. Choke cable remains connected. Remove storage compartment – 51 16 200.

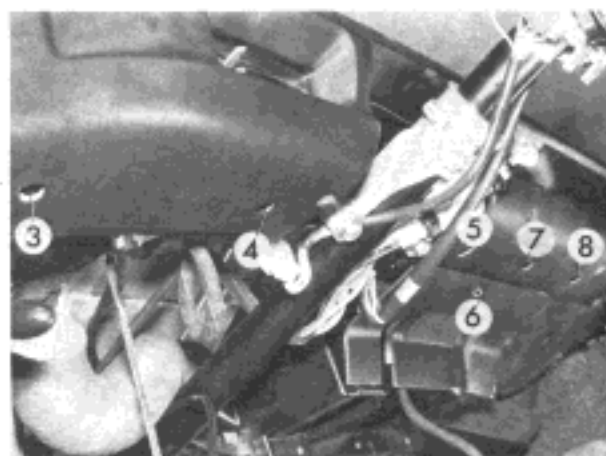
Pull off heater knobs.



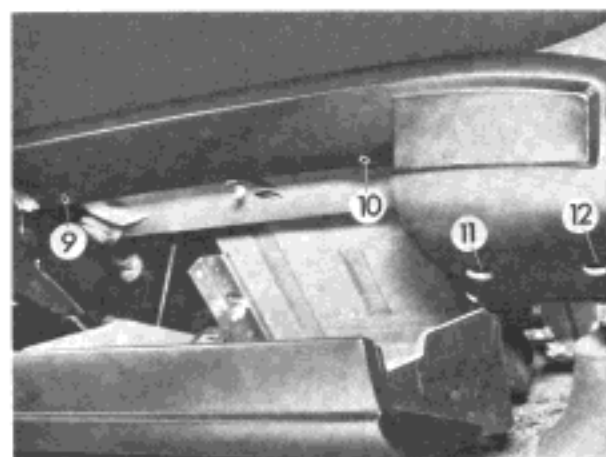
Remove fixing screws (1) and (2).

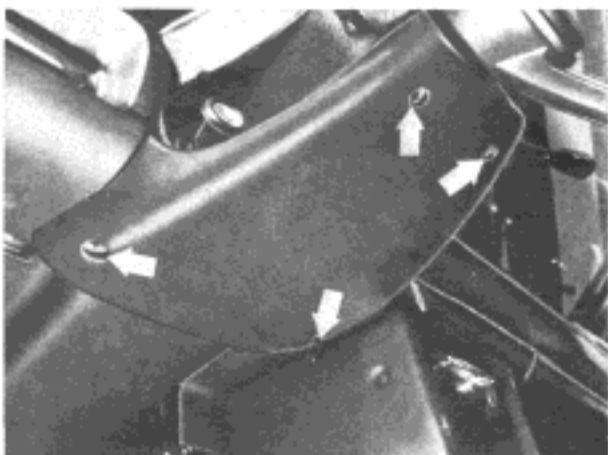


Remove screws (3) to (8).



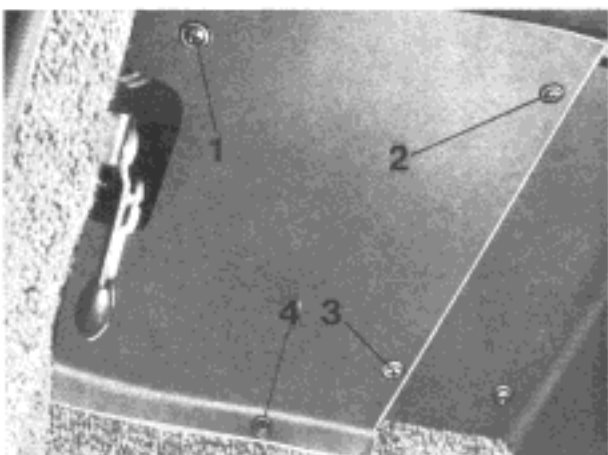
Remove fixing screws (9) to (12).
Remove facia and shelf trim.





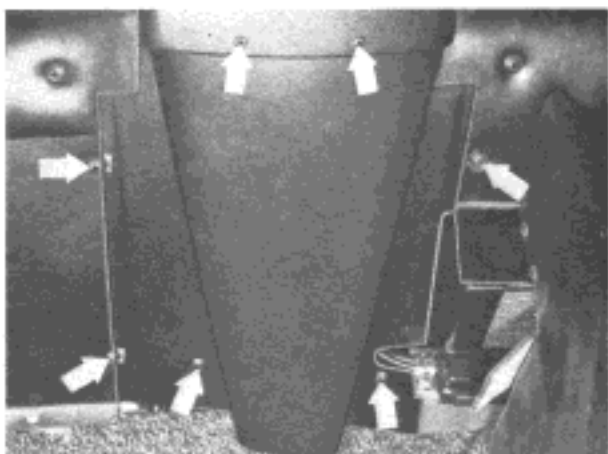
51 45 120 Padded trim on lower steering column surround – detaching and attaching

Loosen the screws and detach the padded trim.



51 45 180 Lower left facia trim – detaching and attaching

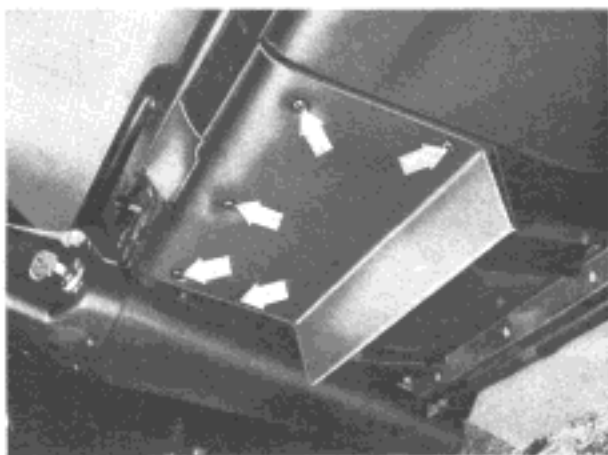
Loosen screws (1 to 4) and take off trim.



51 45 190 Lower center facia trim – detaching and attaching

Detach and attach the padded trim on the lower steering column surround – 51 45 120.

Loosen the screws and take off the trim.



51 45 200 Lower center right facia trim – detaching and attaching

Remove and install the center oddments compartment – 51 16 200.

Loosen screws and take off the trim.

