

SAAB

9000

**SERVICE
MANUAL**

8 **Body 4-Door**

M 1989-

Units

The basic and derived units used throughout the Service Manual are in accordance with the SI system.

For users not familiar with the SI units, some English units are given in brackets after the respective SI unit.

The following symbols and abbreviations are used:

SI unit	Equivalent unit and symbol
mm	inch (in)
kg	pound (lb)
N	pound-force (lbf)
Nm	pound-force foot (lbf ft)
bar	pound-force per square inch (lbf/in ²) (Also abbreviated: psi)
l (liter)	US liquid quart (liq qt) (Also abbreviated: qts)
	US gallon (USgal)
°C	°F

Conversion factors

1 in = 25.4 mm	1 mm = 0.039 in
1 lbf = 4.45 N	1 N = 0.23 lbf
1 lbf ft = 1.36 Nm	1 Nm = 0.74 lbf ft
1 psi = 0.07 bar	1 bar = 14.7 lbf/in ²
1 US qt = 0.95 l	1 l = 1.06 US qt
°F = °C x 9/5 + 32	°C = (°F - 32) x 5/9

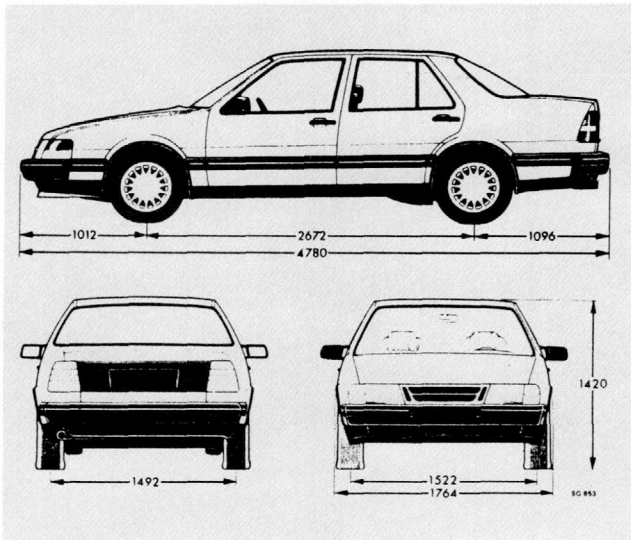
Market codes

The codes refer to market specifications

AT	Austria	FR	France
AU	Australia	GB	Great Britain
BE	Belgium	GR	Greece
CA	Canada	IS	Iceland
CH	Switzerland	IT	Italy
DE	Germany	JP	Japan
DK	Denmark	ME	Middle East
ES	Spain	NL	Netherlands
EU	Europe	NO	Norway
FE	Far East	SE	Sweden
FI	Finland	US	USA

Technical data

Specific features



General data

Ground clearance (three 155 lb adults and one 65 lb child)	6.10"
Front track (6 J x 15" wheels)	59.92"
Front track (5 1/2 J x 15" wheels)	59.44"
Rear track (6 J x 15" wheels)	58.74"
Rear track (5 1/2 J x 15" wheels)	58.26"
Turning diameter (between perpendiculars)	11,9 m
Curb weight	2955-3097 lb
Gross weight	3925-4055 lb
Weight distribution, front/rear:	
Curb weight	60/40%
Gross weight	50/50%
Number of occupants (incl. driver)	5
Fuel tank volume	18 gal
Fuel	lead-free, min. 91 RON
Washer fluid reservoir volume	5.4 qt
Trunk volume (as per SAE)	18 cu ft
Recommended max. trunk load:	
At curb weight with five 155 lb occupants	220 lb
For each reduction in the number of back-seat occupants, the load can be increased by	77 lb

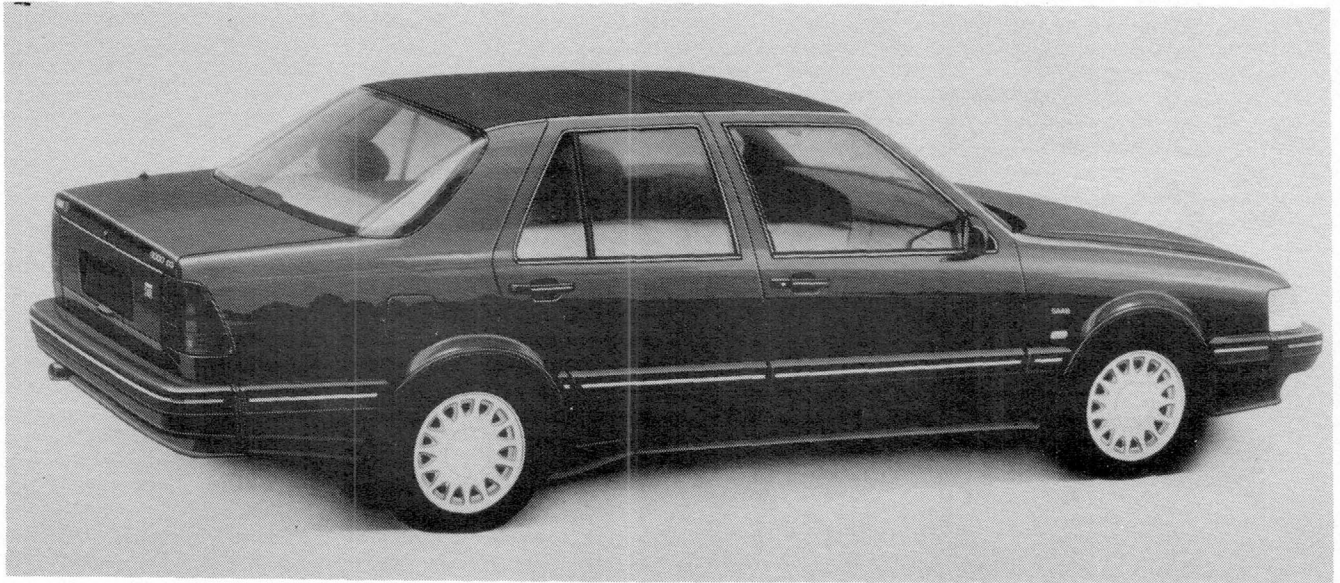
Trunk length	42.51"
Maximum roof-rack load	220 lb
Maximum trailer weight:	
Braked trailer	3530 lb
Unbraked trailer	1100 lb

Wheels and tires

Tire size	195/65 VR15
Recommended tire pressure with 195/65 VR15 tires (cold):	
1-3 occupants at up to 130 mph	28 psi
other cases	32 psi

2 General

The Saab 9000 CD - a 4-door sedan with classical lines



The Saab 9000 CD has been designed to meet the demand for a well equipped and traditionally styled sedan at the top end of the market segment occupied by the Saab 9000 series.

Like the 9000 hatchbacks, the Saab 9000 CD is a spacious, well-equipped car that can seat five people in comfort and accommodate their luggage.

The front is slightly longer and more streamlined than that of the 5-door models, and the trunk in the totally new rear end is separated from the passenger compartment by a rigid rear-seat backrest and a fixed parcel shelf.

New format

A new format has been used in this book. Each job is described in a separate section (1).

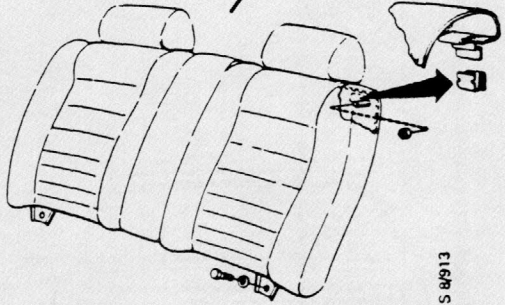
Each section starts with an overview page (3), containing a picture of the component or sub-assembly concerned and a list of the steps required to do the job.

Following the overview page is a detailed, step-by-step description of the job in both words and pictures (2). The pictures have been specially selected to make it possible to follow the sequence of steps by looking at the pictures alone. The text can then be referred to for further details as required.

The number of each step in the detailed description corresponds to the numbers used in the list of steps given on the overview page.

Baksäte, ryggdyna

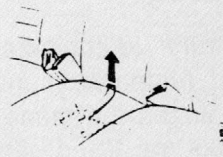
- 1 Fall upp sittdyna
- 2 Demontera ryggdyna
- 3 Montera ryggdyna
- 4 Fall ned sittdyna



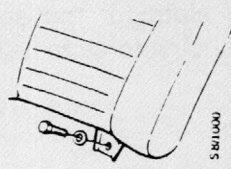
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Baksäte, ryggdyna
Demontering och montering

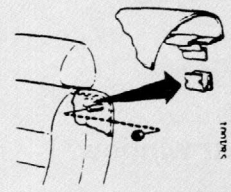
- 1 Fall upp sittdynan



- 2 Demontera ryggdynan enligt följande:
Ta bort skruvarna som håller ryggdynans underkant. En skruv i varje sida.



Frigor pått i klappeln från crosse så att muttrarna i ryggdynans överkant blir åtkomliga.
Ta bort de två muttrarna.



- 1 Section heading
- 2 Detailed, step-by-step description in words and pictures.
- 3 Overview of job with picture of component or sub-assembly concerned

Body

The body of the 9000 CD is longer than that of the 9000 hatchbacks, due to the extended rear end. The floor pan forward of the rear section is identical to that of the hatchbacks, but the roof, roof cross-member, rear-window cross-member, parcel-shelf brackets and fixtures for the trunk lid hinges are all of new design.

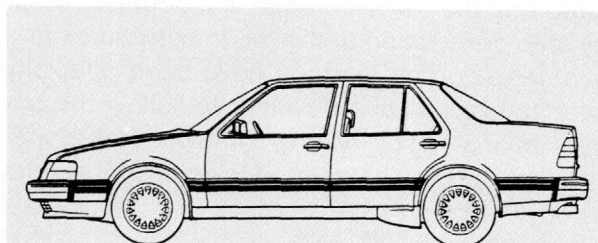
The front of the 9000 CD is also more streamlined, with new headlights, grille and bumper, although the hood and fenders are the same as those of the other 9000 models.

Trunk lid

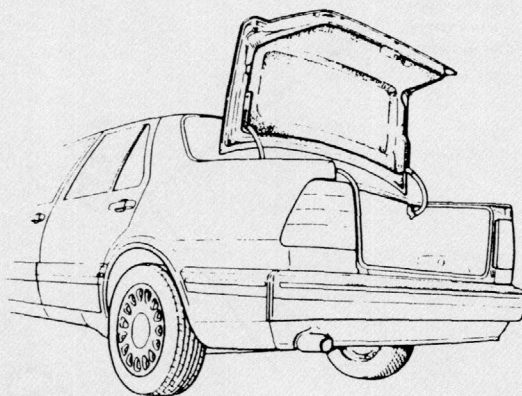
The trunk lid consists of an outer and an inner panel, folded and bonded together into one unit. The hinges are made of tubular steel and coil springs are fitted between the hinges and the body to counterbalance the lid. Different anchorage slots for the spring enable the counterbalancing force to be adjusted.

Rear window

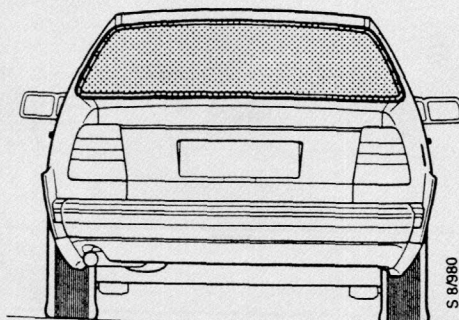
The rear-window glass is bonded to the body but, like the windshield, it is also equipped with metal ties to facilitate installation.



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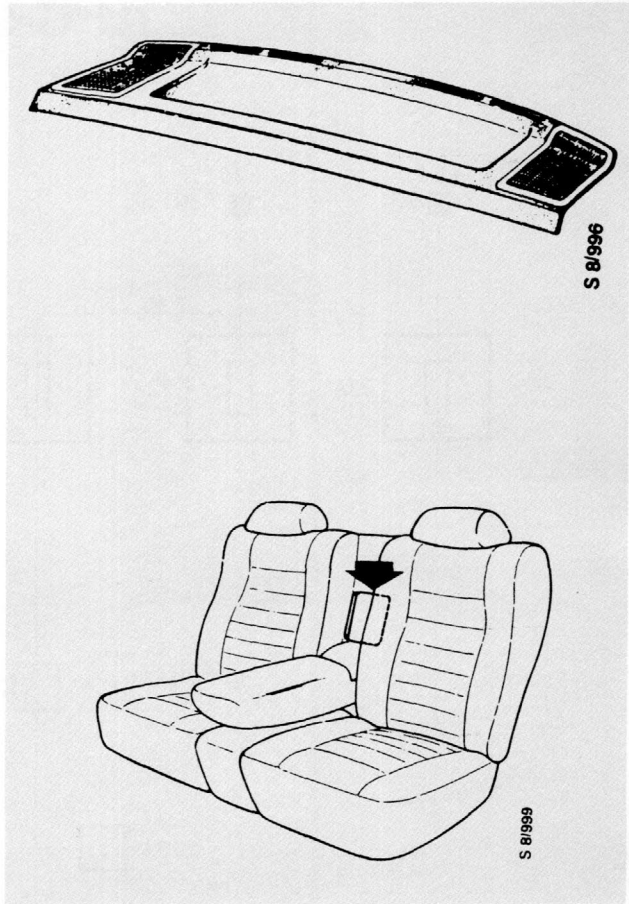
S 8/995



S 8/880

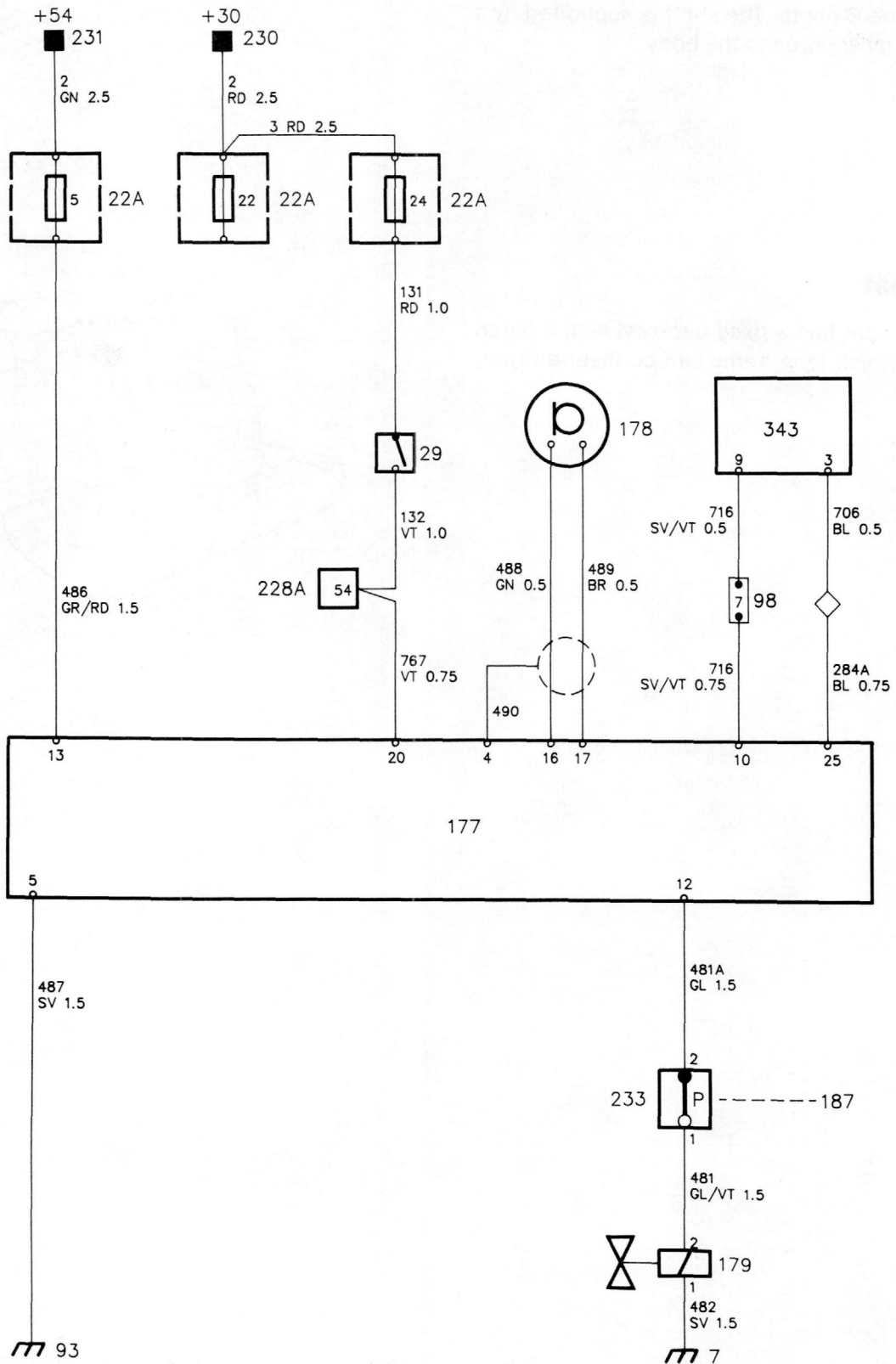
Parcel shelf

The parcel shelf in the 9000 CD is made of fabric-covered fiberboard. A speaker recess with a grille is located at each end of the shelf, adjacent to the C-posts. The shelf is supported by a steel panel screwed to the body.

**Rear seat**

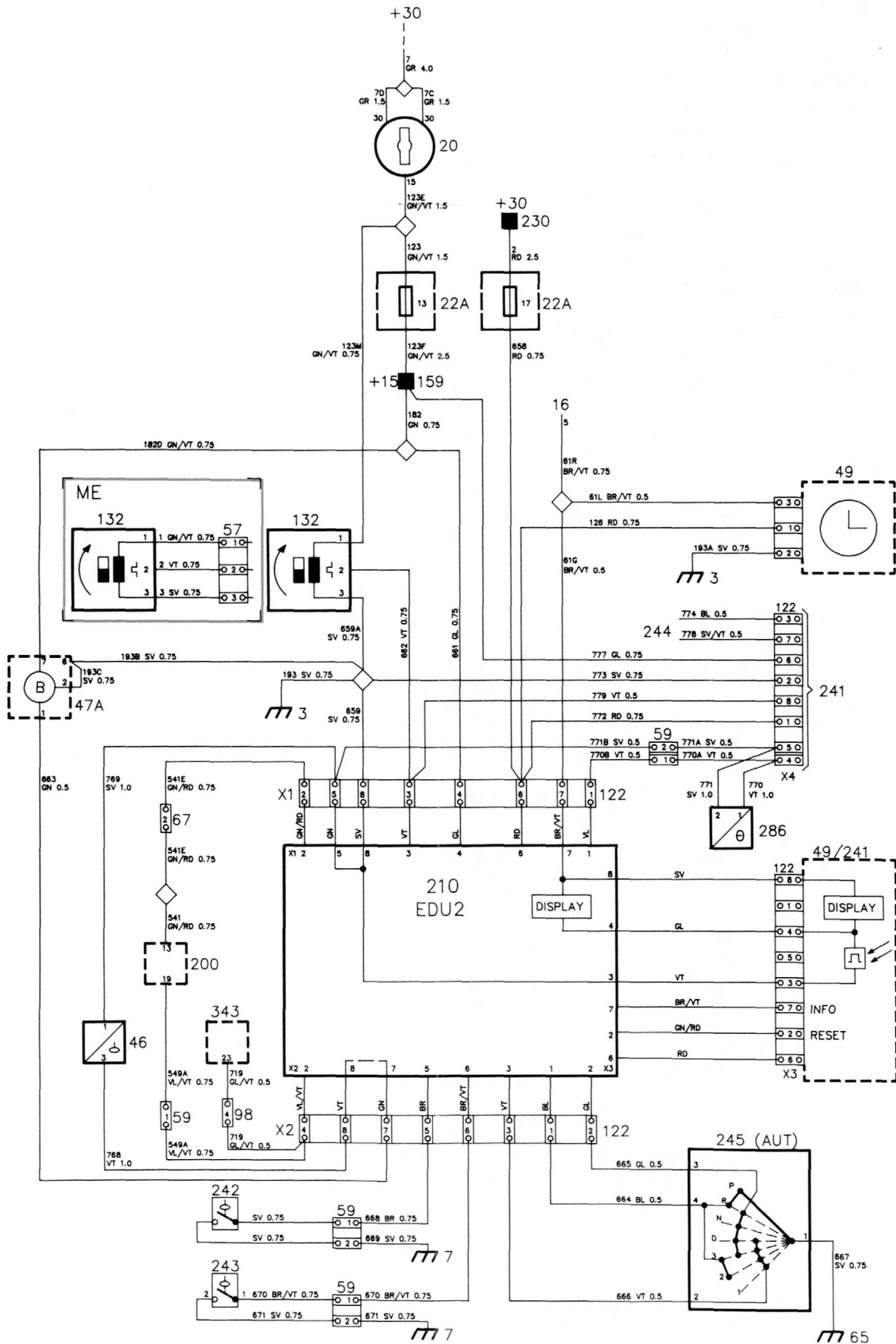
The rear seat has a fixed backrest with a hatch through which long items can be inserted from the trunk.

APC-system



- 7 Ground, wheel housing
- 22A Fuse board
- 29 Brake light switch
- 98 Ten-pole connector
- 177 Control unit for the APC system
- 178 Knock sensor, APC/EZK
- 179 Solenoid valve, APC
- 187 Vacuum pump for Cruise Control
- 228A Filament monitor, glove compartment
- 230 Distribution terminal +30
- 231 Distribution terminal +54
- 233 Vacuum switch, Cruise Control/APC
- 341 Ground, left-hand front seat member
- 343 Control unit for the Saab DI ignition system

EDU2 trip computer and clock



- 3 Ground, dashboard
- 7 Ground, wheel housing
- 16 Instrument lighting rheostat
- 20 Ignition switch
- 22A Fuse board
- 46 Fuel level transmitter
- 47A Fuel gauge
- 49 Clock
- 57 Three-pole connector
- 59 Two-pole connector
- 65 Ground, back seat
- 67 Six-pole connector
- 98 Ten-pole connector
- 122 Eight-pole connector
- 132 Sensor for the speed transmitter
- 159 Distribution terminal +15
- 200 Control unit for the LH fuel injection system
- 230 Distribution terminal +30
- 241 DCC trip computer
- 242 Coolant level switch
- 243 Engine oil level switch
- 244 Connection for heater
- 245 Selector lever switch (automatic transmission - EDU2)
- 343 Control unit for the Saab DI ignition system
- 286 Outdoor temperature sensor

Body

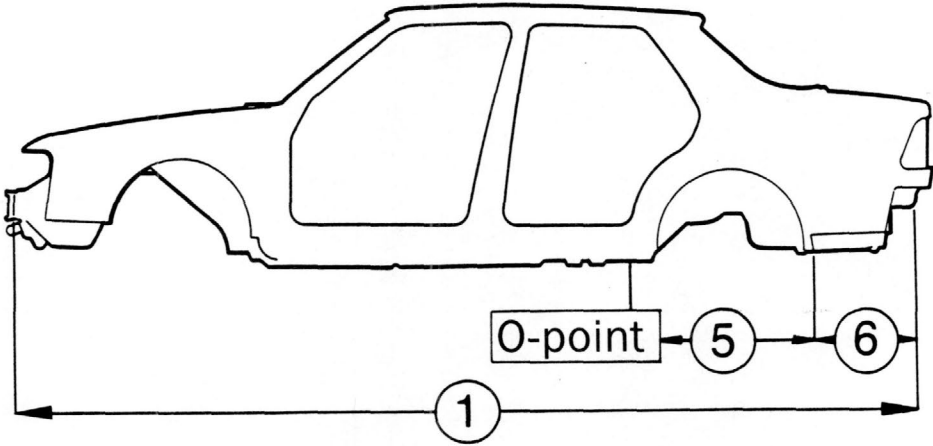


Fig. 1

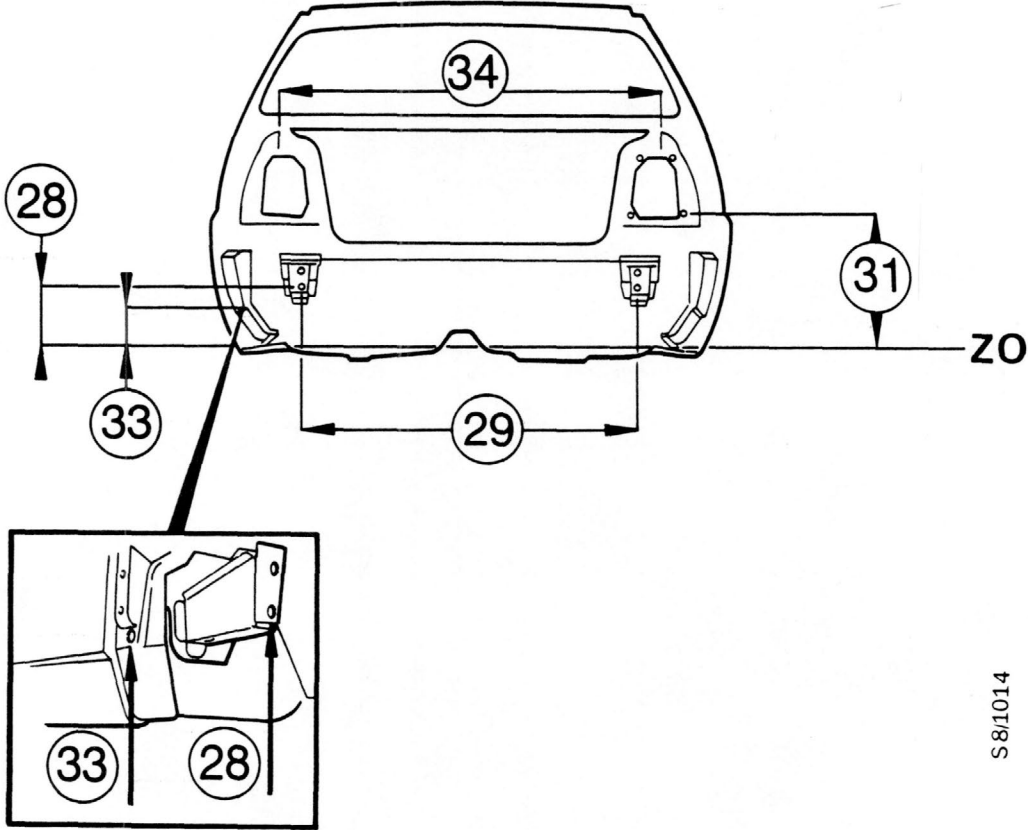


Fig. 2

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Supplementary body dimensions for the 9000 CD

An asterisk (*) before an item indicates that the dimension is measured from the center of the hole.

Item No.	Fig. No.	Dimension, in	Measuring points	Direction
1	1	172.63 ± 0.12	Overall length: *bumper hole in front cross-member & bumper abutment surface at rear edge	X.1
5	1	35.35 ± 0.04	*Datum point & *front hole for torque arm	X.1
6	1	19.44 ± 0.08	*Front hole for torque arm & rear edge, bumper abutment surface	X.1
28	2	7.81 ± 0.04	Z0 Datum line & *lower hole for bumper mounting	Z.1
29	2	44.96 ± 0.04	*Distance between bumper mounting holes	Y.1
31	2	18.07 ± 0.04	Z0 datum line & *lower screw hole for rear light cluster	Z.1
33	2	6.10 ± 0.04	Z0 datum line & side panel at *mounting point for bumper	Z.1
34	2	50.90 ± 0.08	Corner-to-corner distance in trunk	Y.3

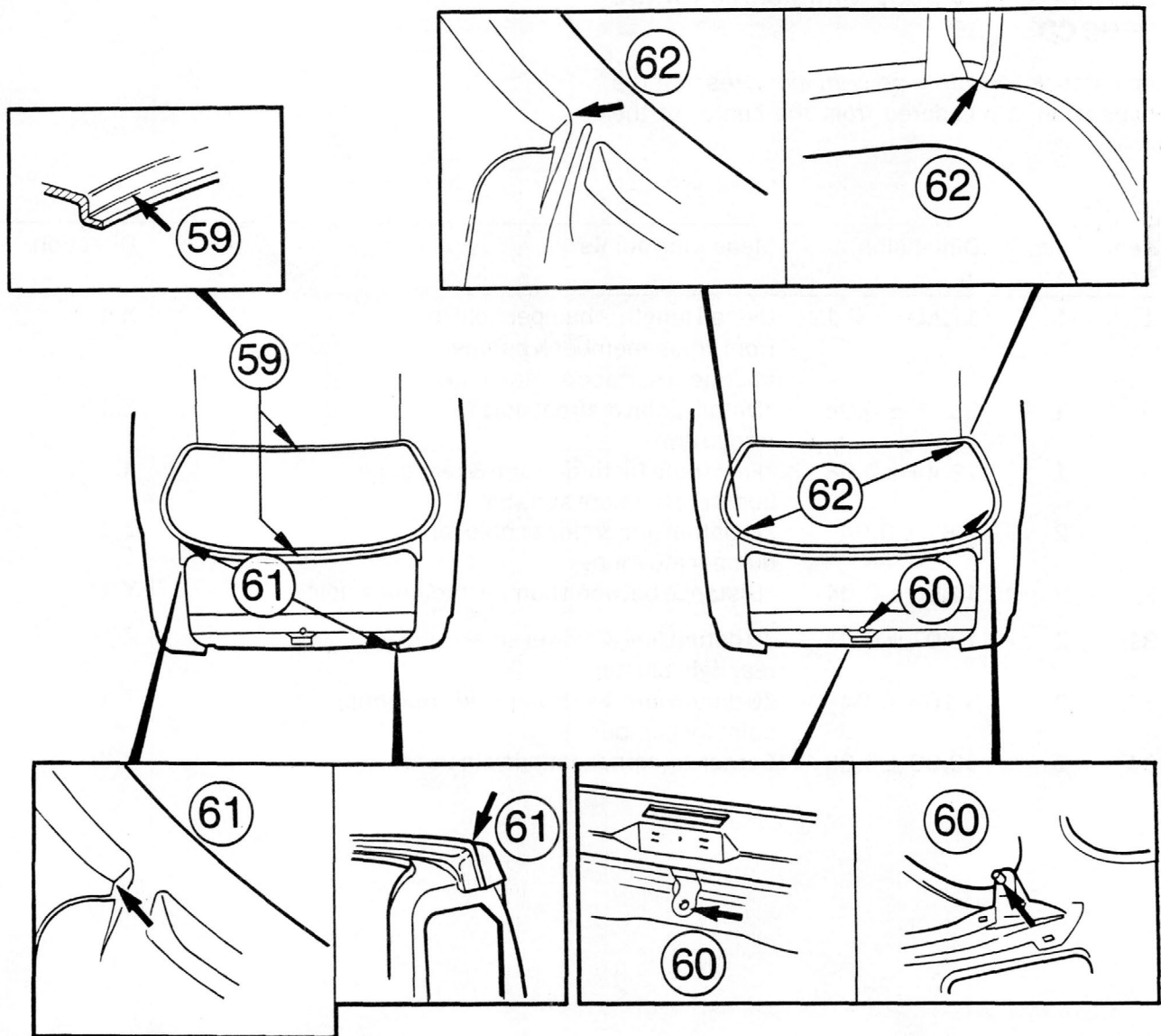


Fig. 4

Fig. 5

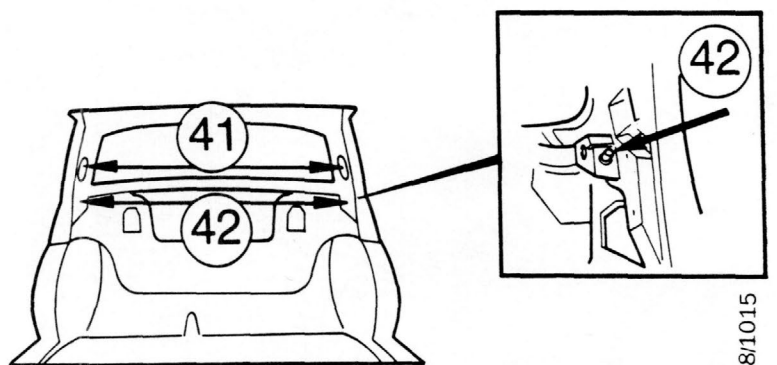


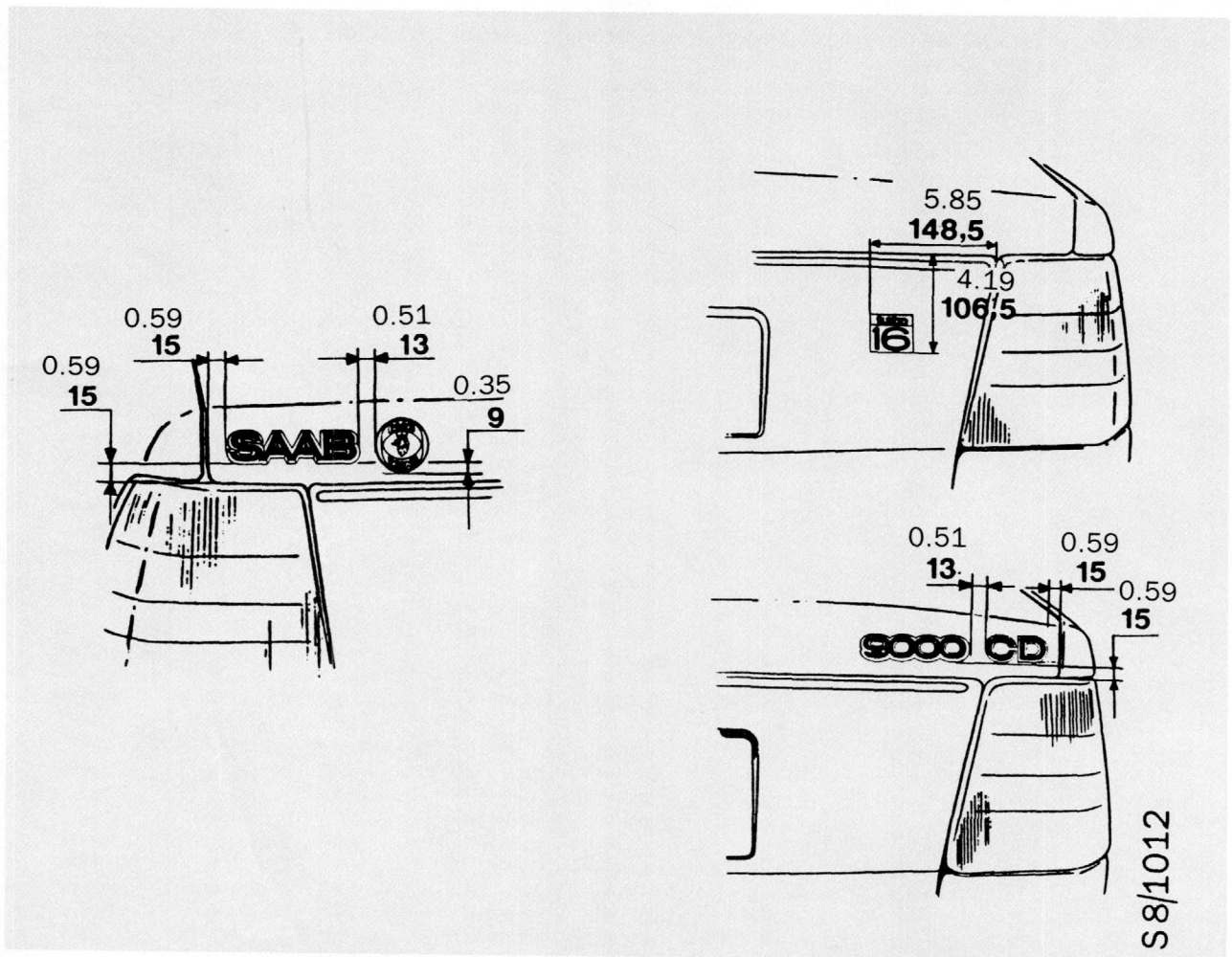
Fig. 3

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Item No.	Fig. No.	Dimension, mm	Measuring points	Direction
41	3	52.20 ± 0.04	Distance between *top mounting holes for seat belts	Y.1
42	3	53.85 ± 0.04	Distance between LH & RH top mounting points for backrest	Y.1
59	4	26.25 ± 0.04	Height of rear-window aperture at Y0 line	Z.1
60	5	40.03 ± 0.08	Distance between hinge pin mounting and Y0 datum hole	Diagonal.3
61	4	56.88 ± 0.04	Distance between front and rear corners	Diagonal.2
62	5	53.03 ± 0.04	Minimum distance in rear-window aperture between top corner at side panel and diagonally opposed bottom corner at side panel	Diagonal.3

Emblems

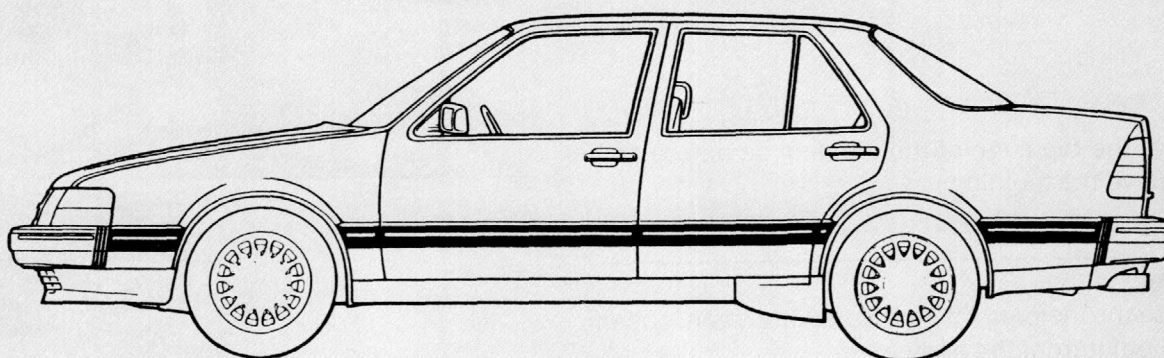
The emblem on the bonnet has pegs which fit into plastic fasteners in the panel. All other emblems are secured by adhesive tape.



Positioning of emblems. Measurements in in and mm.

Exterior trim moldings

- 1 Remove the molding.
- 2 Clean the contact surface and replace any damaged fasteners.
- 3 Fit the tape.
- 4 Fit the molding.



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Exterior trim moldings

To remove

- 1 Proceed as follows:

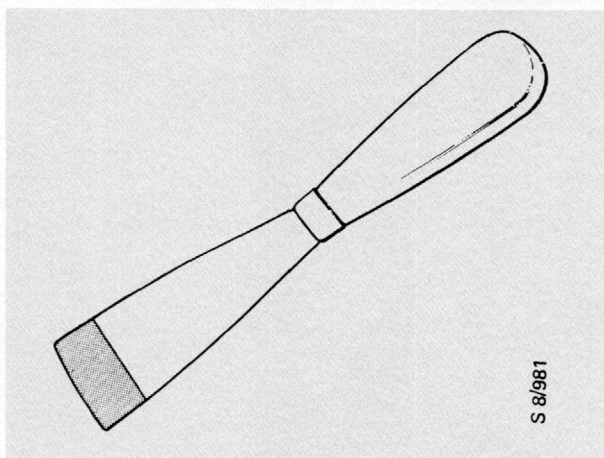
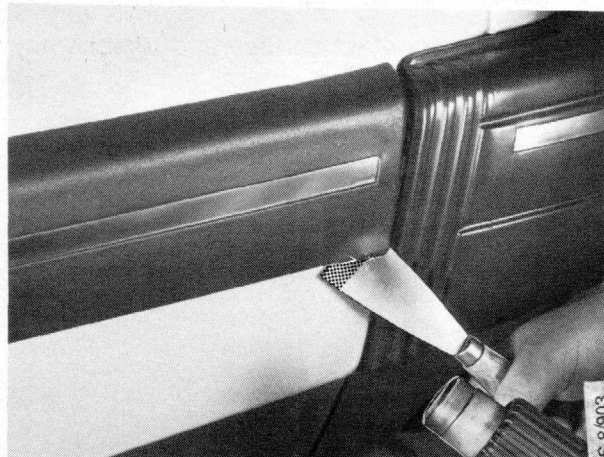
Note:

Tape the edge of the spatula to avoid damaging the paint.

Heat the bottom edge of the molding using a hot-air gun, while sliding a spatula along the length of the molding to loosen the adhesive tape.

Note:

Heat gently, to prevent damage to the paint or molding.



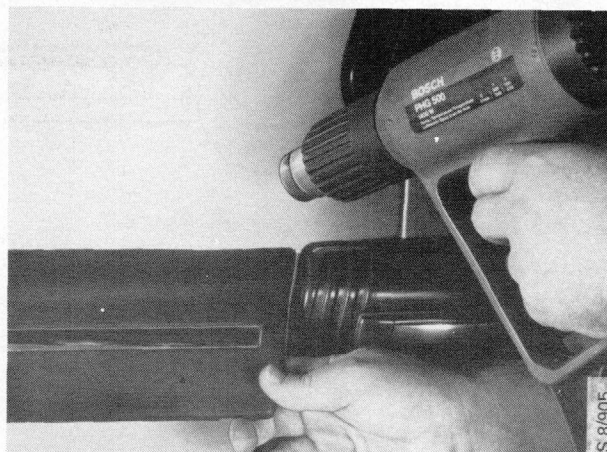
Use the spatula to release the studs from the fasteners.



Heat the top edge of the molding as before and remove the molding.

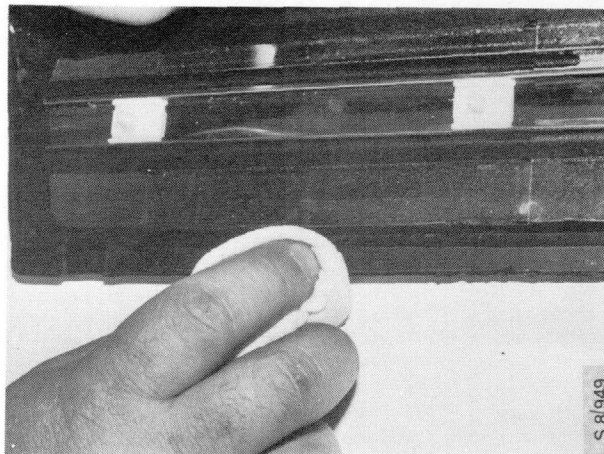
Note:

Ease the molding off gently. Jerking it can loosen the paint from the body.

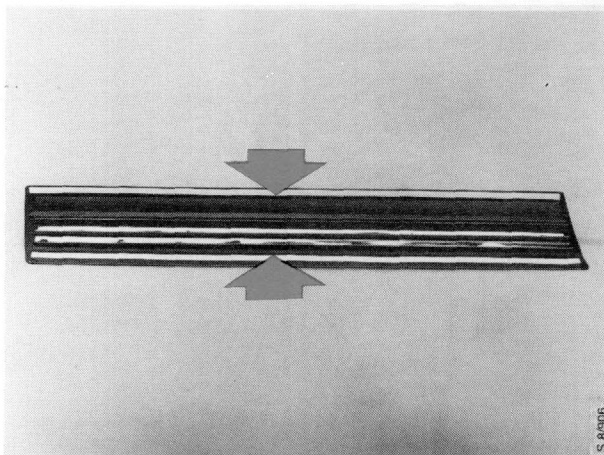


To refit

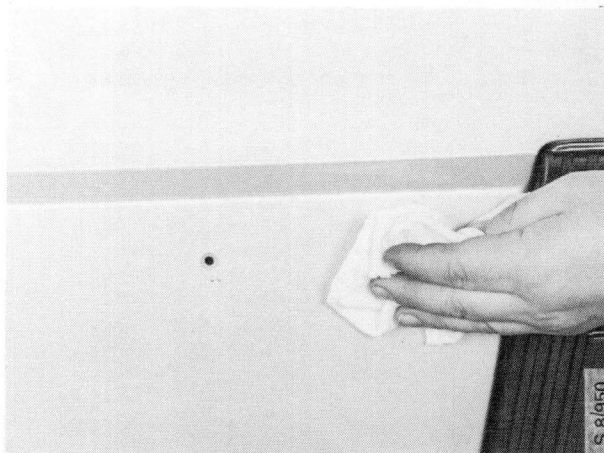
- 2 Clean and remove all traces of adhesive and dirt from the molding and replace any damaged fasteners if the same molding is to be refitted.



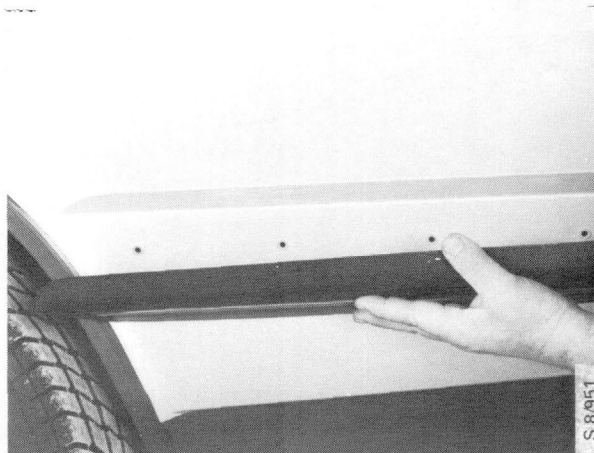
- 3 Apply double-sided tape to the back of the molding.
(Double-sided tape: Refer to the parts list.)



Clean and remove all traces of adhesive and dirt from the body and replace any damaged fasteners.

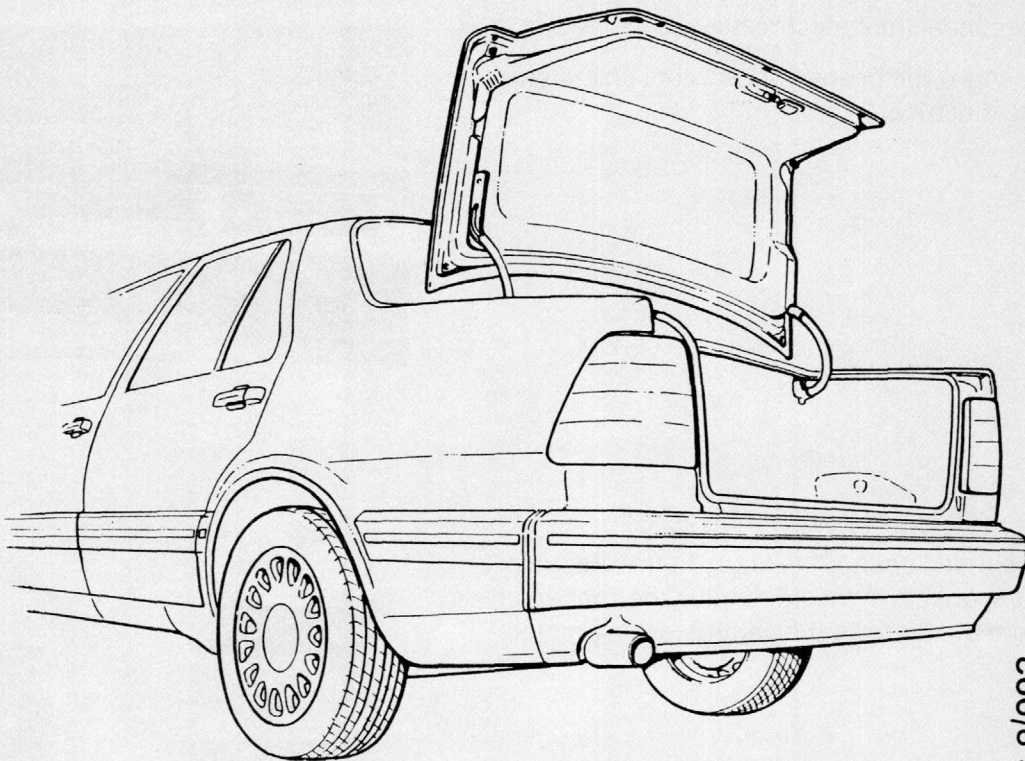


- 4 Guide the studs into the fasteners and move the molding into position. Press the molding securely into place.



Trunk lid

- 1 Disconnect the negative (-) battery lead and cover the terminal pole on the battery.
- 2 Remove the trim from inside the lid.
- 3 Disconnect the electrical leads from the lid.
- 4 Remove the lid.
- 5 Refit the lid.
- 6 Reconnect the electrical leads.
- 7 Refit the trim to the lid.
- 8 Reconnect the battery.



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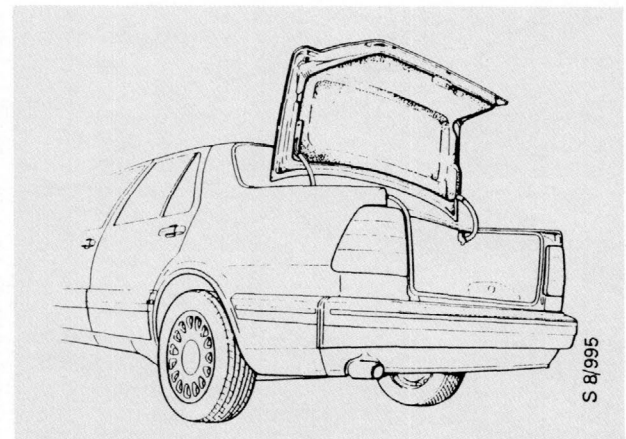
Trunk lid

To remove/refit

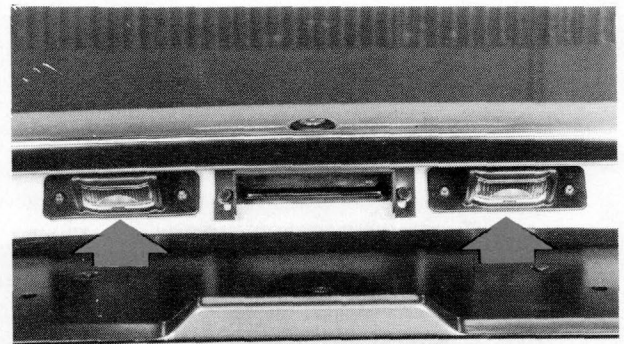
- 1 Disconnect the negative (-) battery lead and cover the terminal pole on the battery.



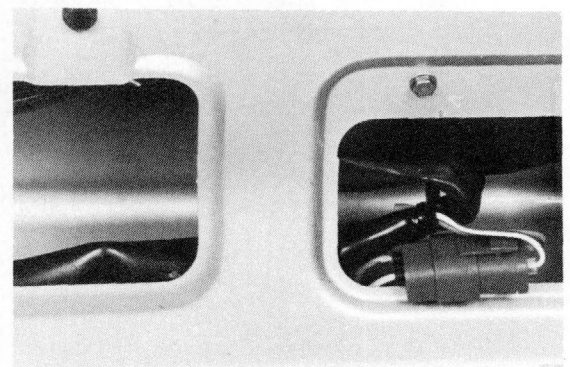
- 2 Remove the trim from the inside of the lid (see page 69).



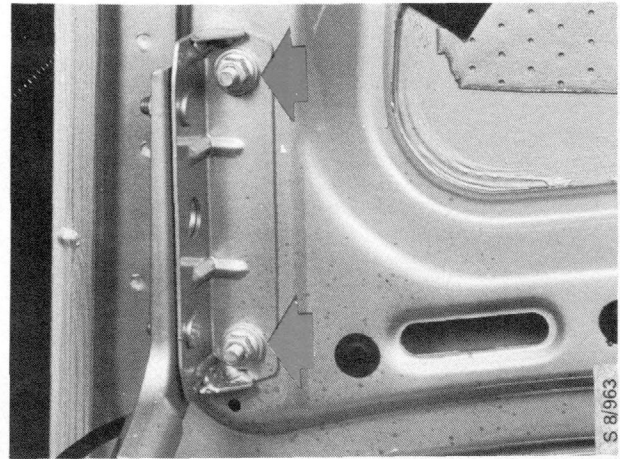
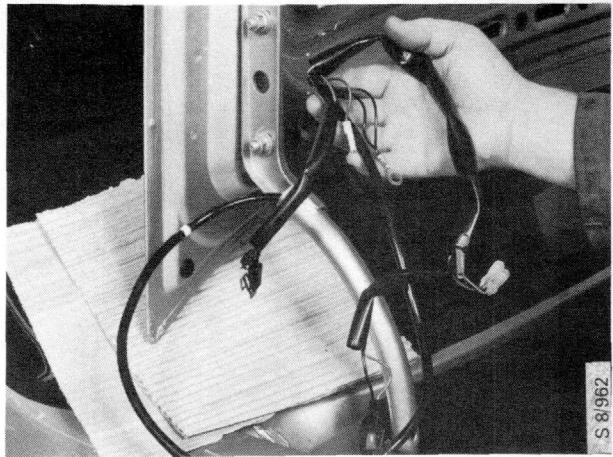
- 3 Disconnect the electrical leads as follows:
Unscrew the license plate lights and unplug the electrical leads.



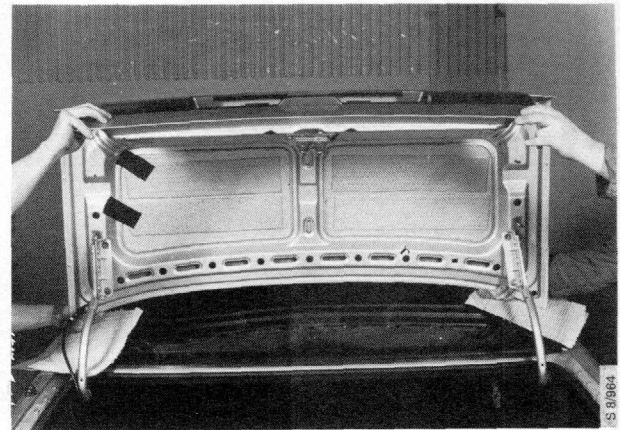
Label and unplug the leads to the electrical components in the lid. Unplug the connector from the leads to the central locking motor.



- 4 Remove the bolts securing the lid to the hinges.



With the aid of another person, lift off the lid.



Refit in the reverse order.

Adjust the fit of the lid.

When fitting a new lid:

Transfer the following parts to the new lid:

Central locking motor (see page 28).

Handle (see page 30).

Lock assembly (see page 33).

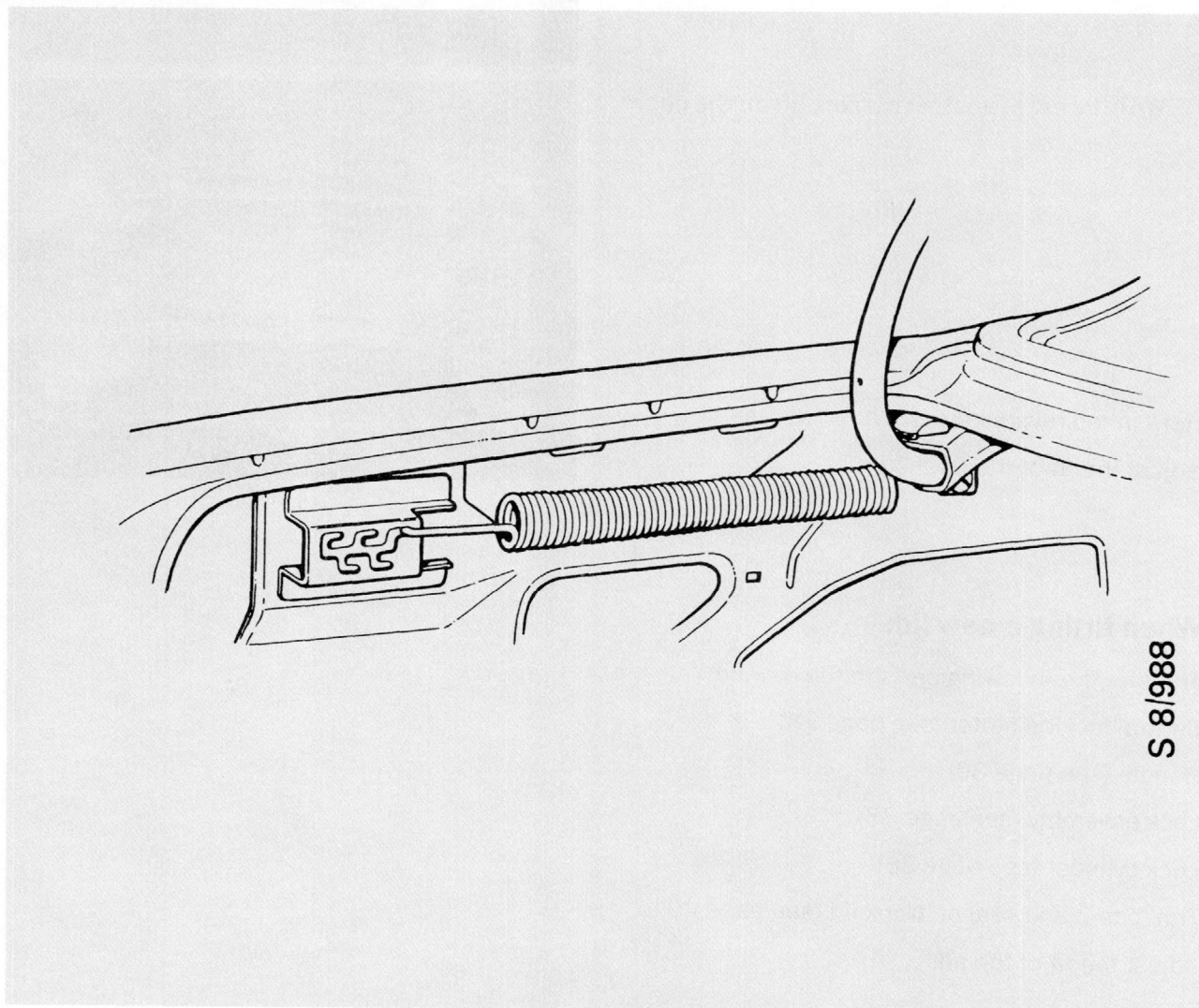
Lock cylinder (see page 36).

Trim panel and seal on trunk lid (see page 40).

Adjust the fit of the lid.

Trunk lid hinges

- 1 Cover the rear window.
- 2 Remove the trim from the inside of the trunk lid.
- 3 Fold down the trim in the trunk.
- 4 LH side:
Withdraw the electrical leads from the hinge.
- 5 Prop the lid open.
- 6 Remove the spring.
- 7 Remove the hinge.
- 8 Refit the hinge.
- 9 Refit the spring.
- 10 Remove the prop.
- 11 LH side:
Reconnect the electrical leads.
- 12 Fit the trim in the trunk.
- 13 Refit the trim inside the lid.
- 14 Remove the cover from the rear window.

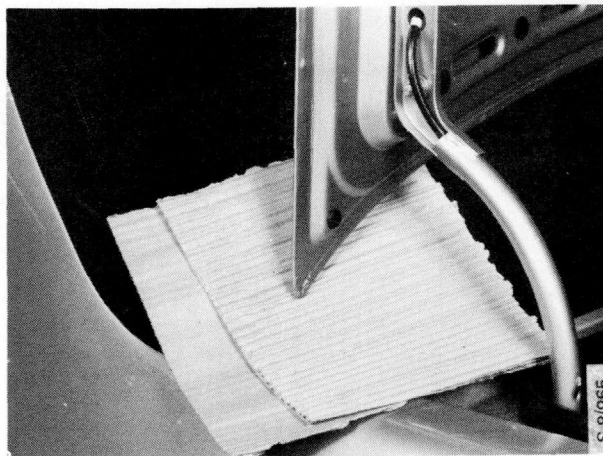


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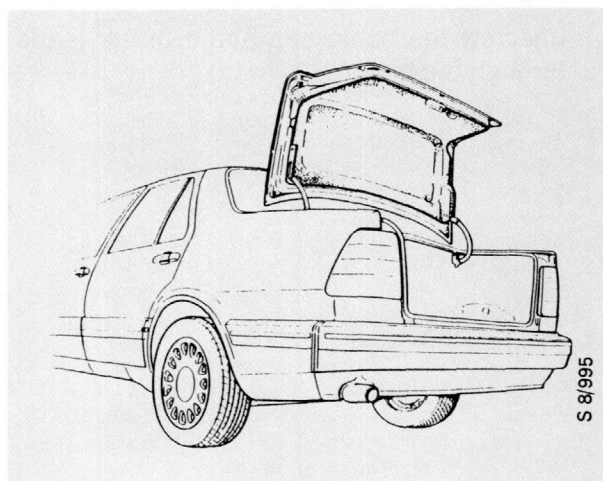
Hinges

To remove/refit

- 1 Cover the rear window with a sheet of cardboard, etc..



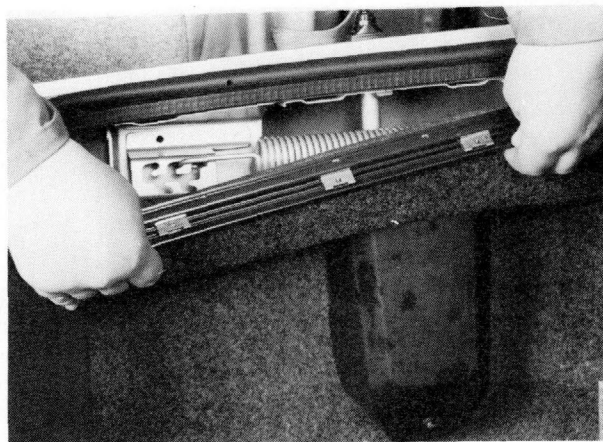
- 2 Remove the trim from the inside of the lid (see page 69).



- 3 Release the retaining rail from the side panel.

LH side:

Remove the quick-release fasteners and fold back the trim.

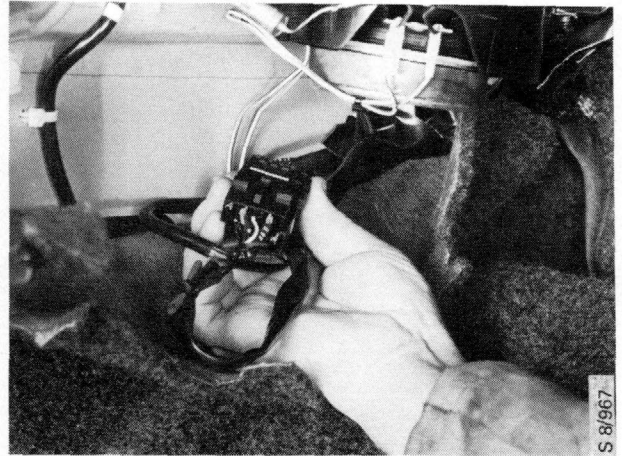


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4 LH side:

Withdraw the electrical leads from the hinge as follows:

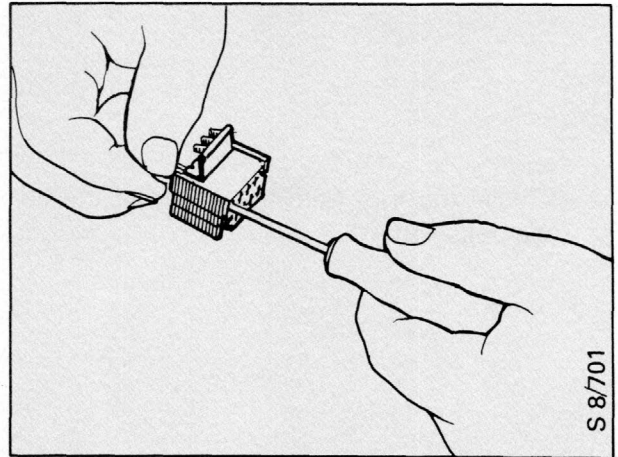
Pull out the connector from behind the side panel and unplug it.



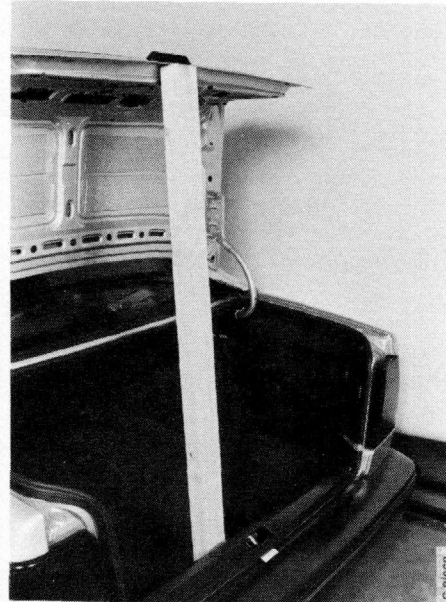
Label the leads and withdraw them complete with spade terminals from the connector, to enable the leads to be pulled through the hinge.

Snip off the cable ties securing the leads.

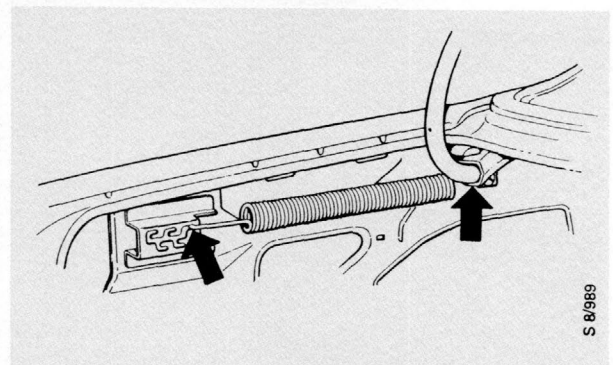
Unscrew the cable clip and pull the leads through the hinge.



5 Prop the lid open.

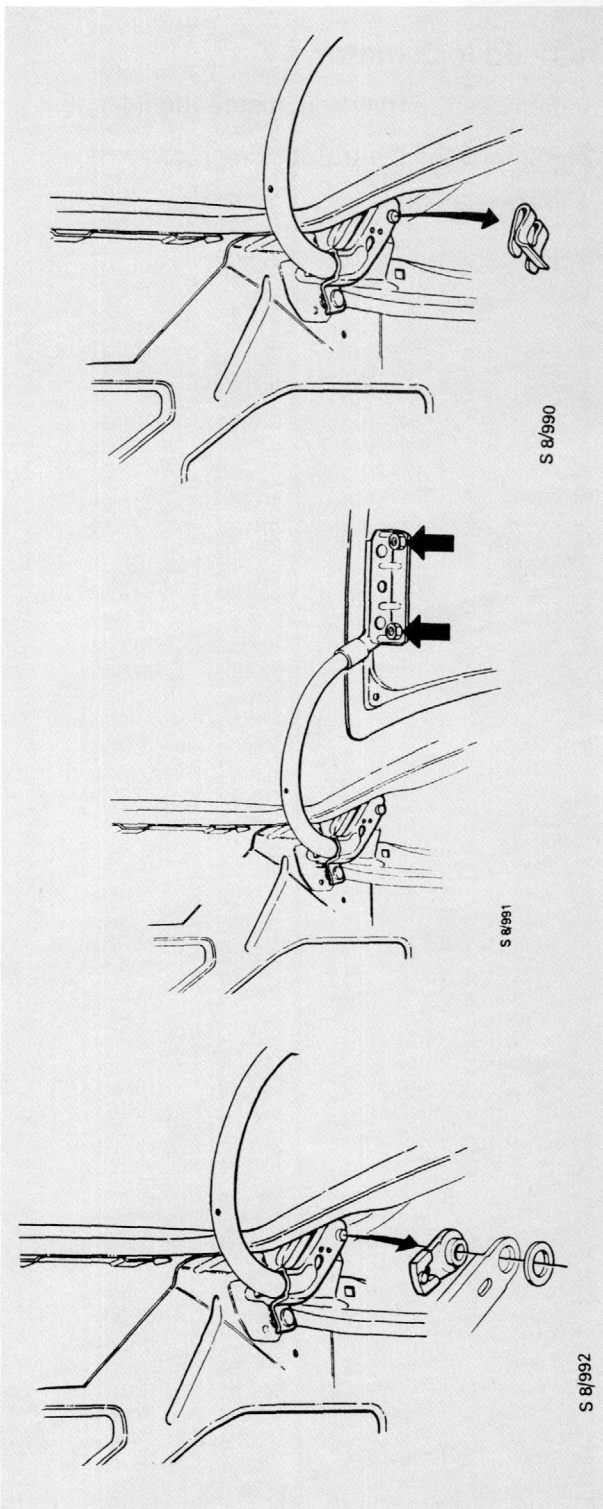


6 Unhook the spring from its mounting on the side panel and from the hinge.



7 Remove the hinge as follows.

- Remove the spring clip from the hinge spindle.



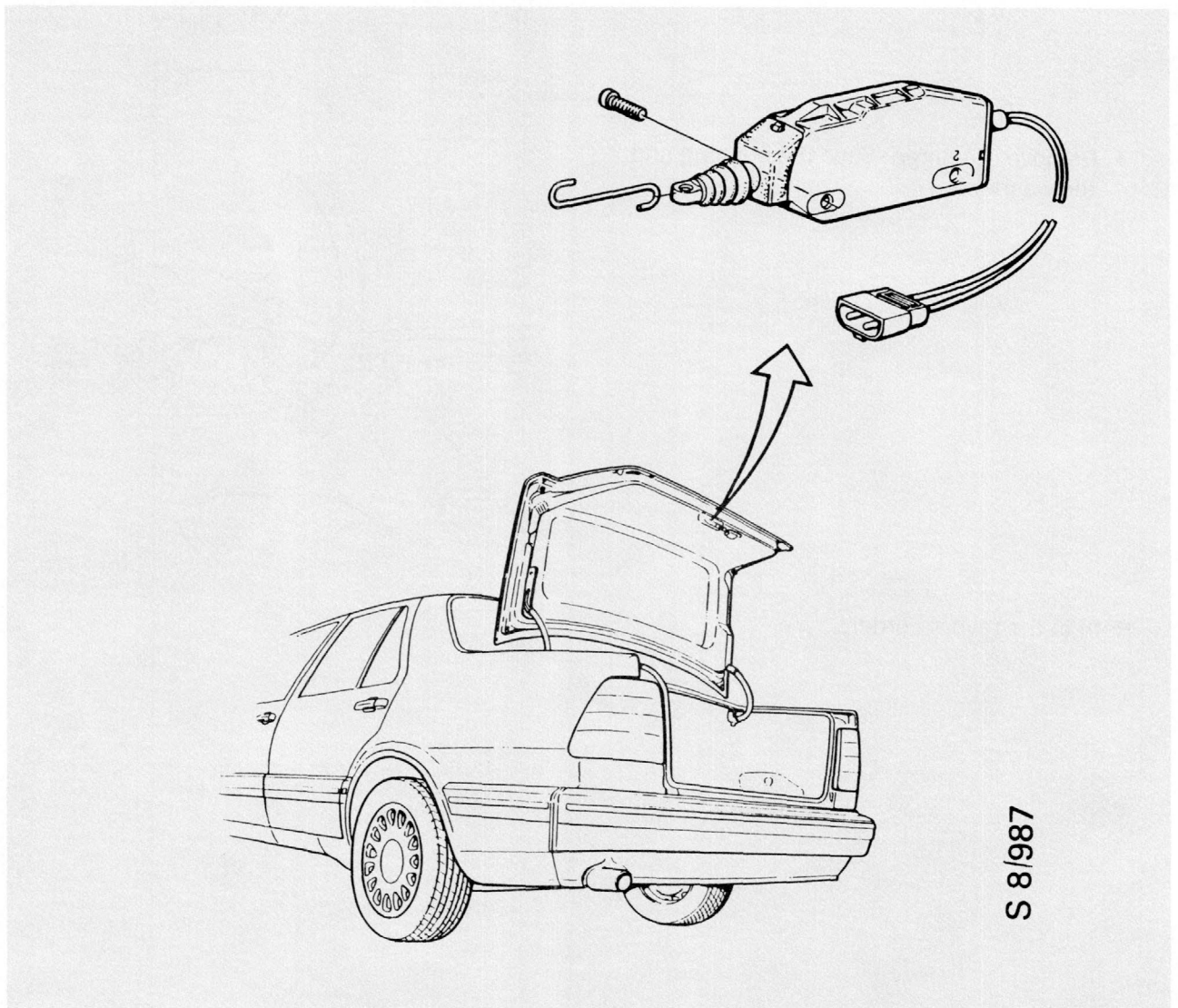
- Mark the position of the hinge on the lid and remove the nuts.

- Remove the hinge. Save the bushing and the washer.

Refit in the reverse order.

Trunk lid lock motor

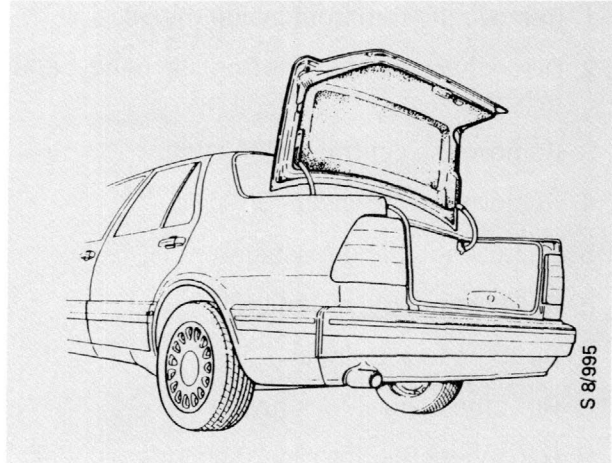
- 1 Remove the trim from inside the lid.
- 2 Remove the central-locking motor.
- 3 Refit the lock.
- 4 Refit the trim inside the lid.



Trunk lid lock motor

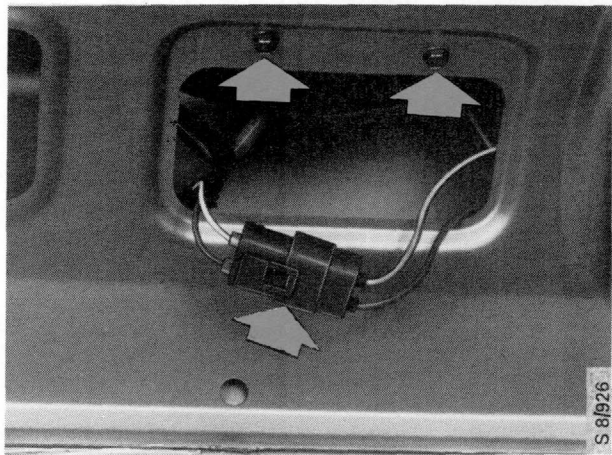
To remove/refit

- 1 Remove the trim from inside the trunk lid (see page 69).

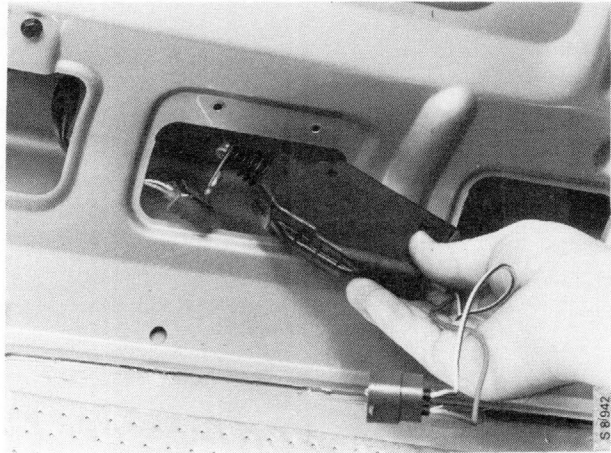


- 2 Remove the lock motor as follows:

Pull out and unplug the electrical connector and remove the two screws.



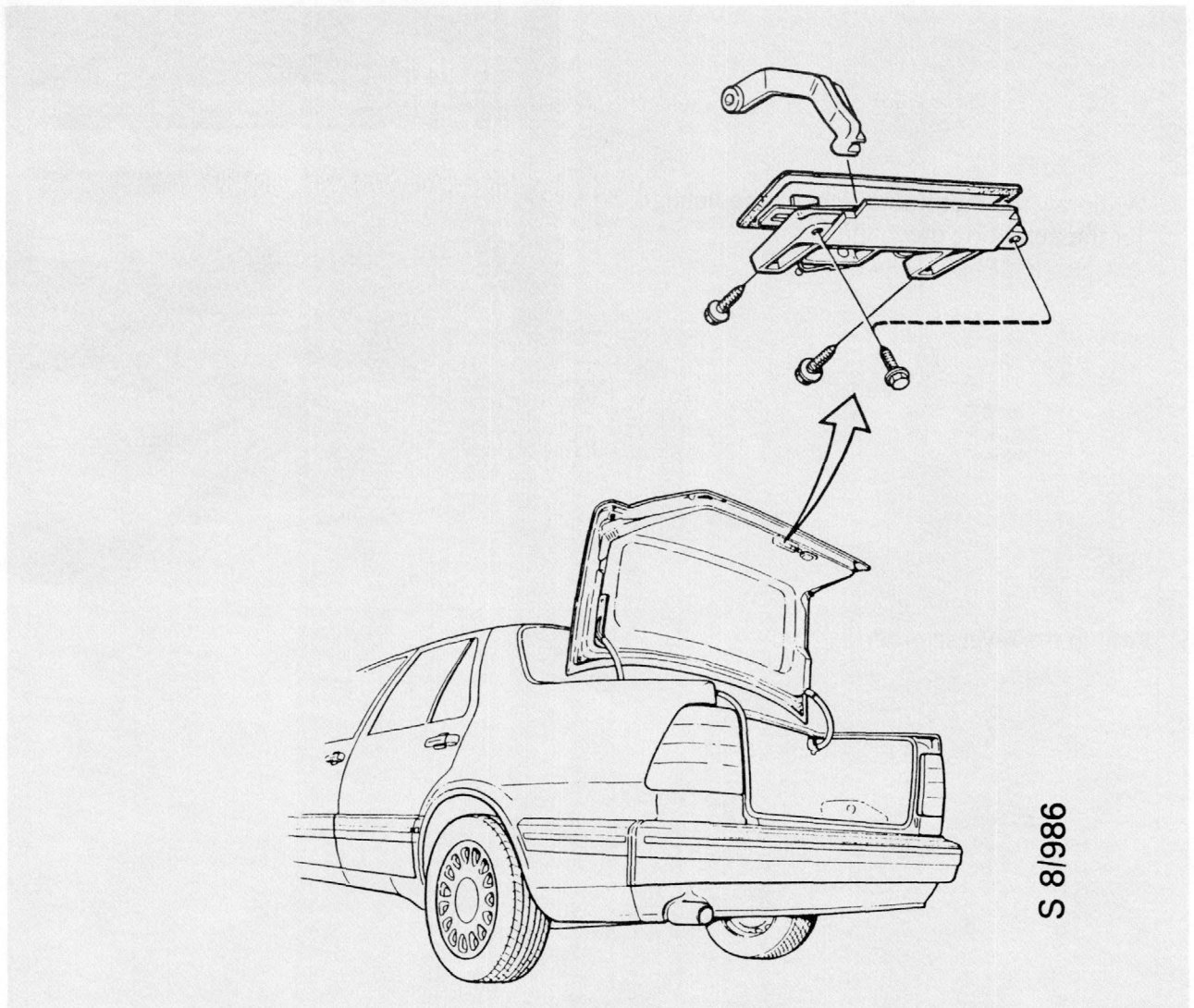
Withdraw the motor and unhook the linkage for the actuating mechanism.



Refit in the reverse order.

Trunk lid handle

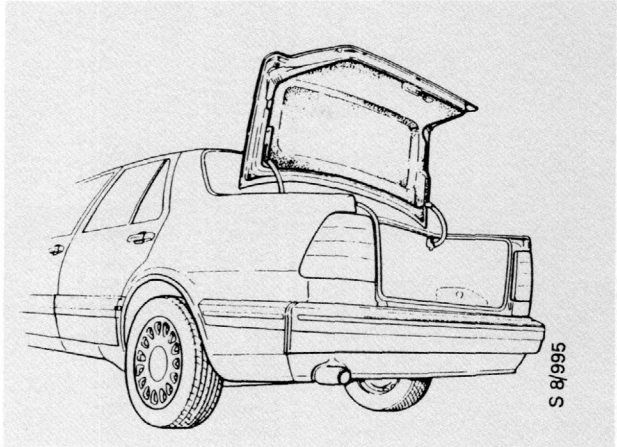
- 1 Remove the trim from inside the lid.
- 2 Disconnect the link rods from the handle and lock cylinder.
- 3 Remove the central-locking motor.
- 4 Remove the lock cylinder.
- 5 Remove the handle assembly.
- 6 Refit the handle assembly.
- 7 Refit the lock cylinder.
- 8 Refit the central-locking motor.
- 9 Reconnect the link rod to the lock cylinder.
- 10 Reconnect the link rod to the handle.
- 11 Refit the trim inside the lid.



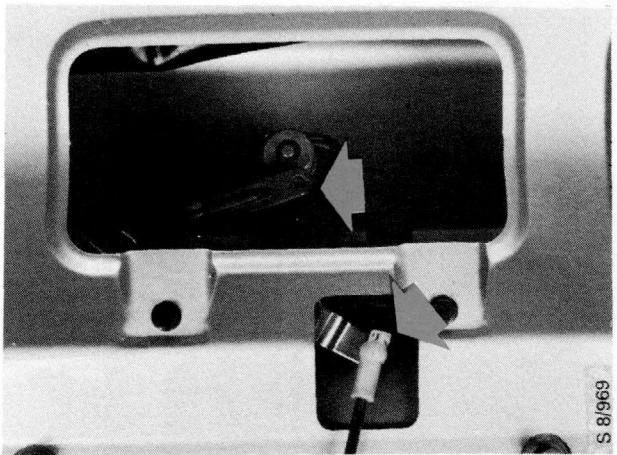
Trunk lid handle

To remove/refit

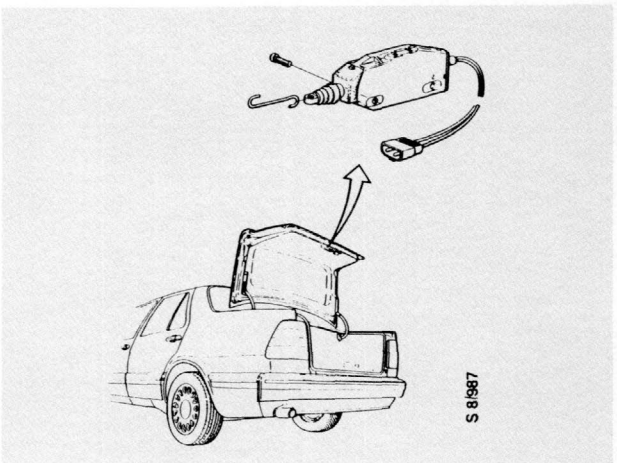
1 Remove the trim from inside the lid (see page 69).



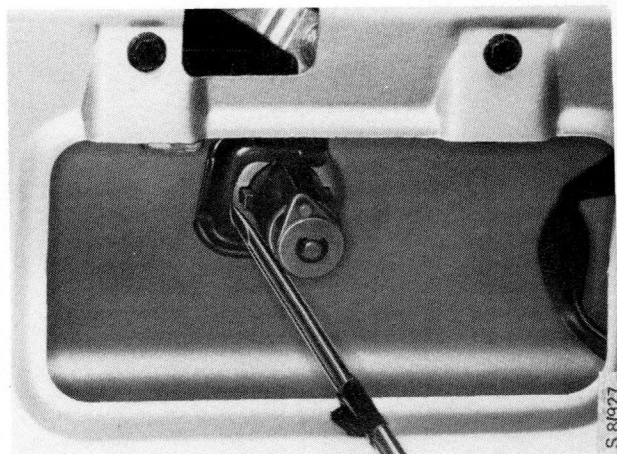
2 Disconnect the link rod from the handle and the link rod from the ball joint at the lock cylinder.



3 Unscrew the central-locking motor and unhook the linkage (see page 28).

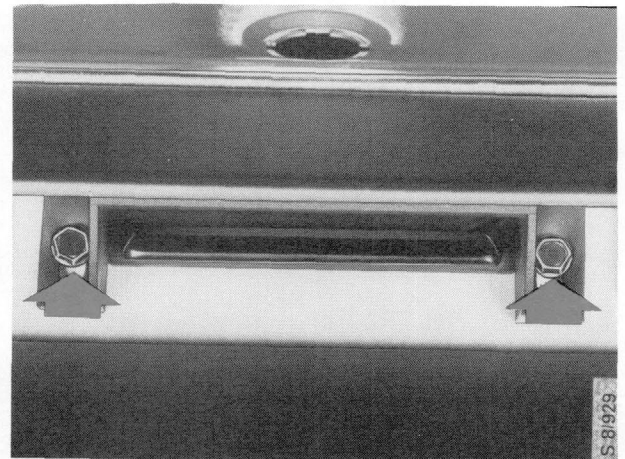
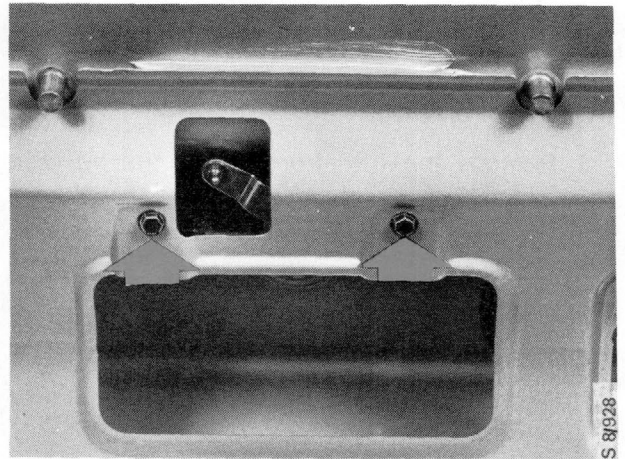


4 Use a screwdriver to pry off the 'C' clip, and withdraw the lock cylinder.



32 Body

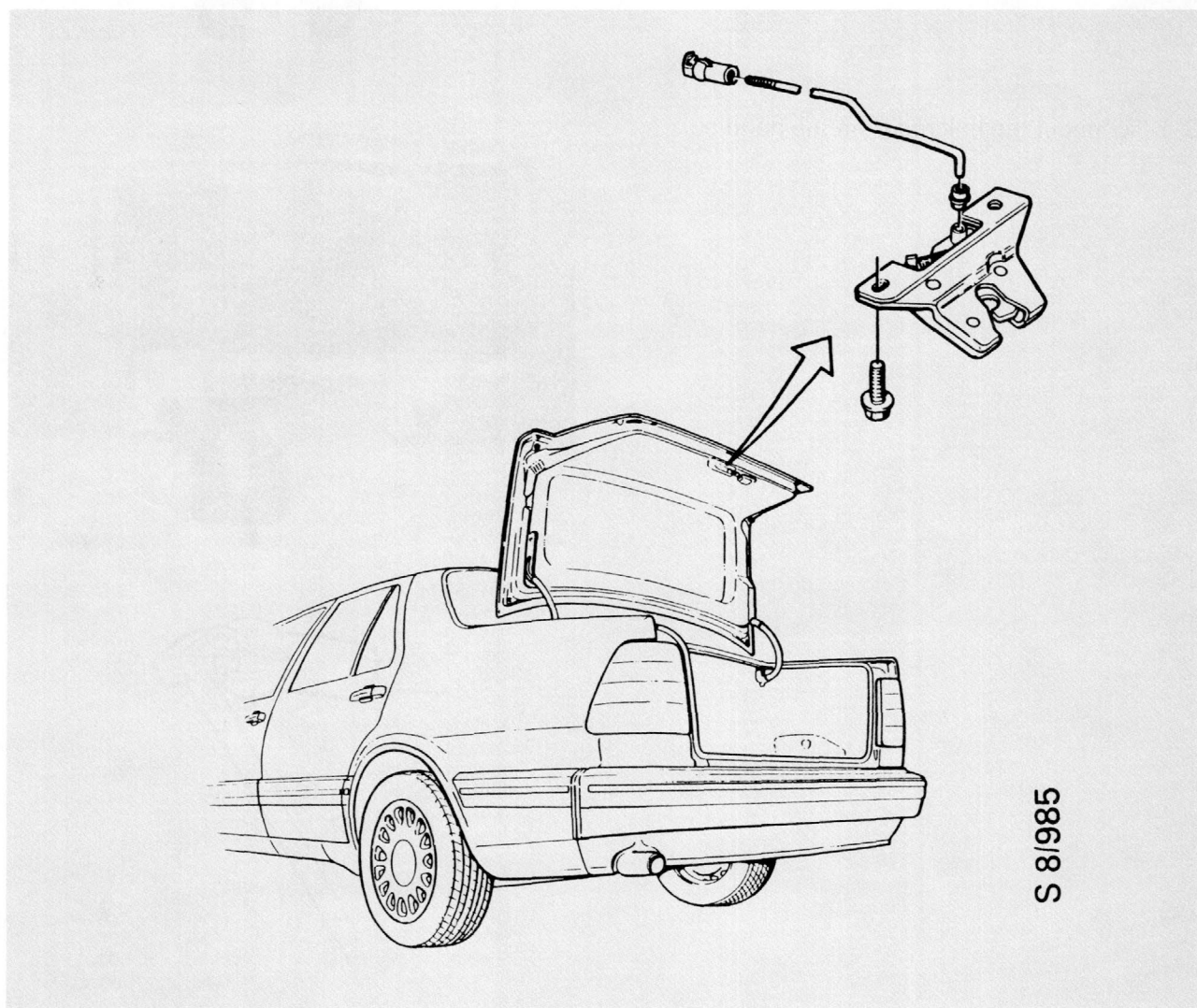
- 5 Remove the four bolts for the handle assembly and remove the handle.



Refit in the reverse order.

Trunk lid lock assembly

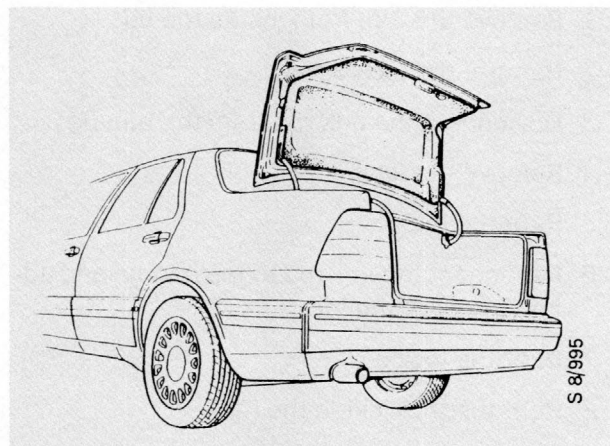
- 1 Remove the trim from inside the lid.
- 2 Remove the lock cover.
- 3 Disconnect the link rod from the handle.
- 4 Remove the lock.
- 5 Refit the lock.
- 6 Reconnect the link rod to the handle and adjust the fit of the lock.
- 7 Refit the lock cover.
- 8 Refit the trim inside the lid.



Trunk lid lock assembly

To remove/refit

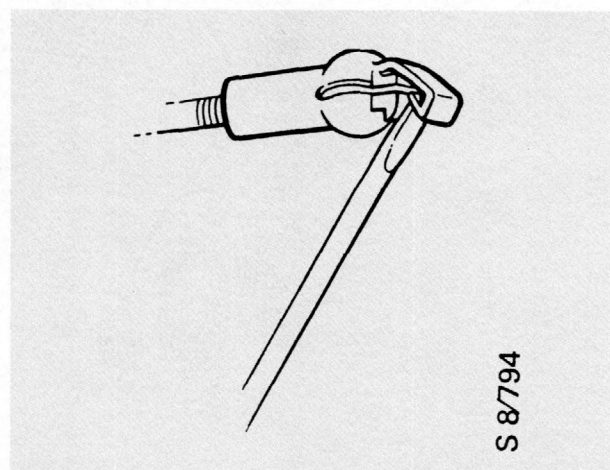
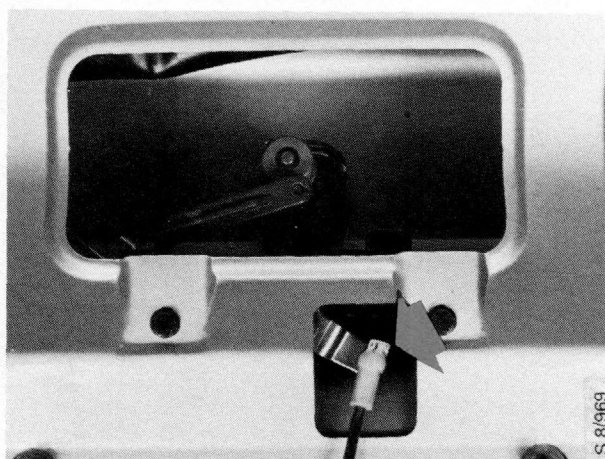
1 Remove the trim from inside the lid (see page 69).



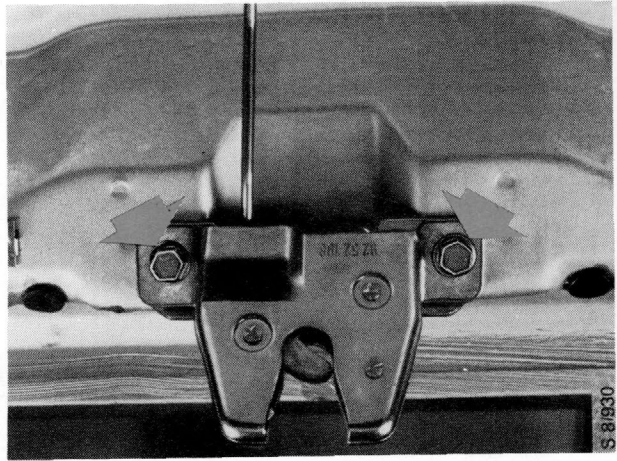
2 Remove the lock cover.



3 Disconnect the link rod from the handle.



4 Remove the two bolts and lift off the lock.



To refit

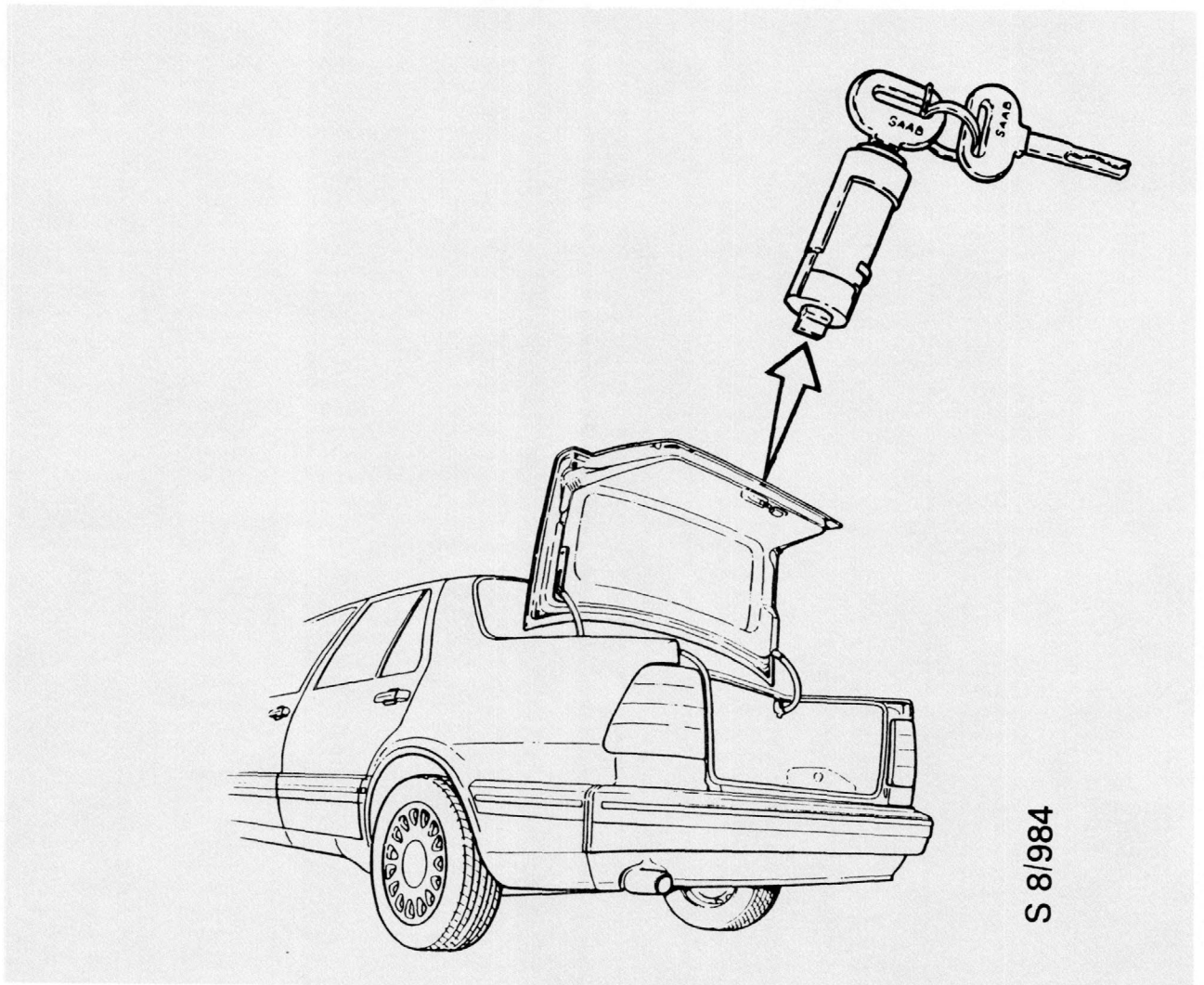
5 Refit the lock and link rod. Adjust the striker plate.

Note:

Make sure there is some play in the handle when the mechanism is locked.

Trunk lid lock cylinder

- 1 Remove the trim from inside the lid.
- 2 Disconnect the link rod from the lock cylinder.
- 3 Remove the lock cylinder.
- 4 Refit the lock cylinder.
- 5 Reconnect the link rod to the cylinder.
- 6 Refit the trim inside the lid.

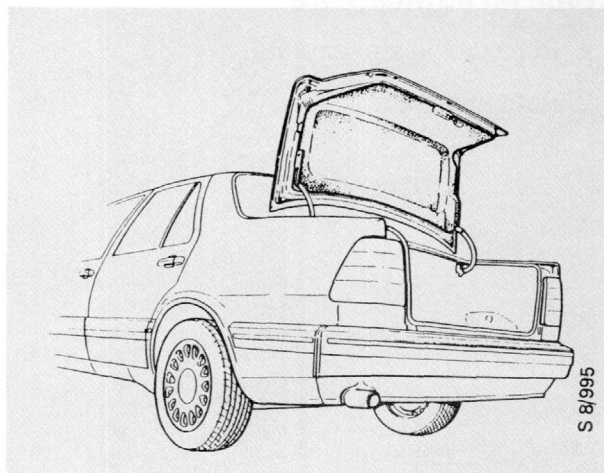


S 8/984

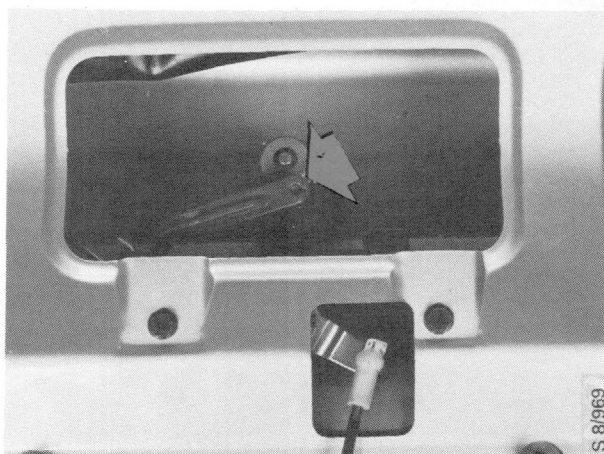
Lock cylinder

To remove/refit

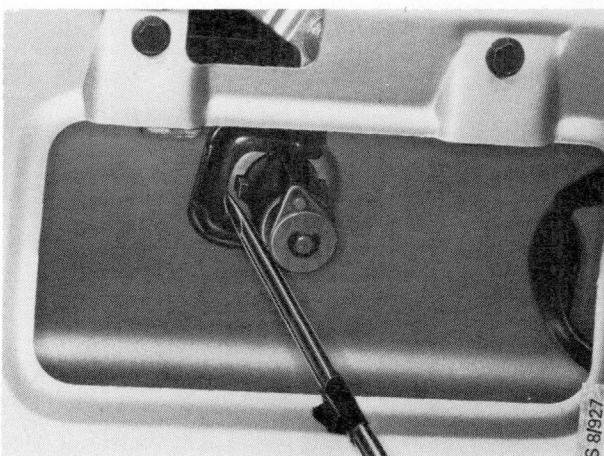
- 1 Remove the trim from inside the lid (see page 69).



- 2 Disconnect the link rod from the ball joint at the lock cylinder.



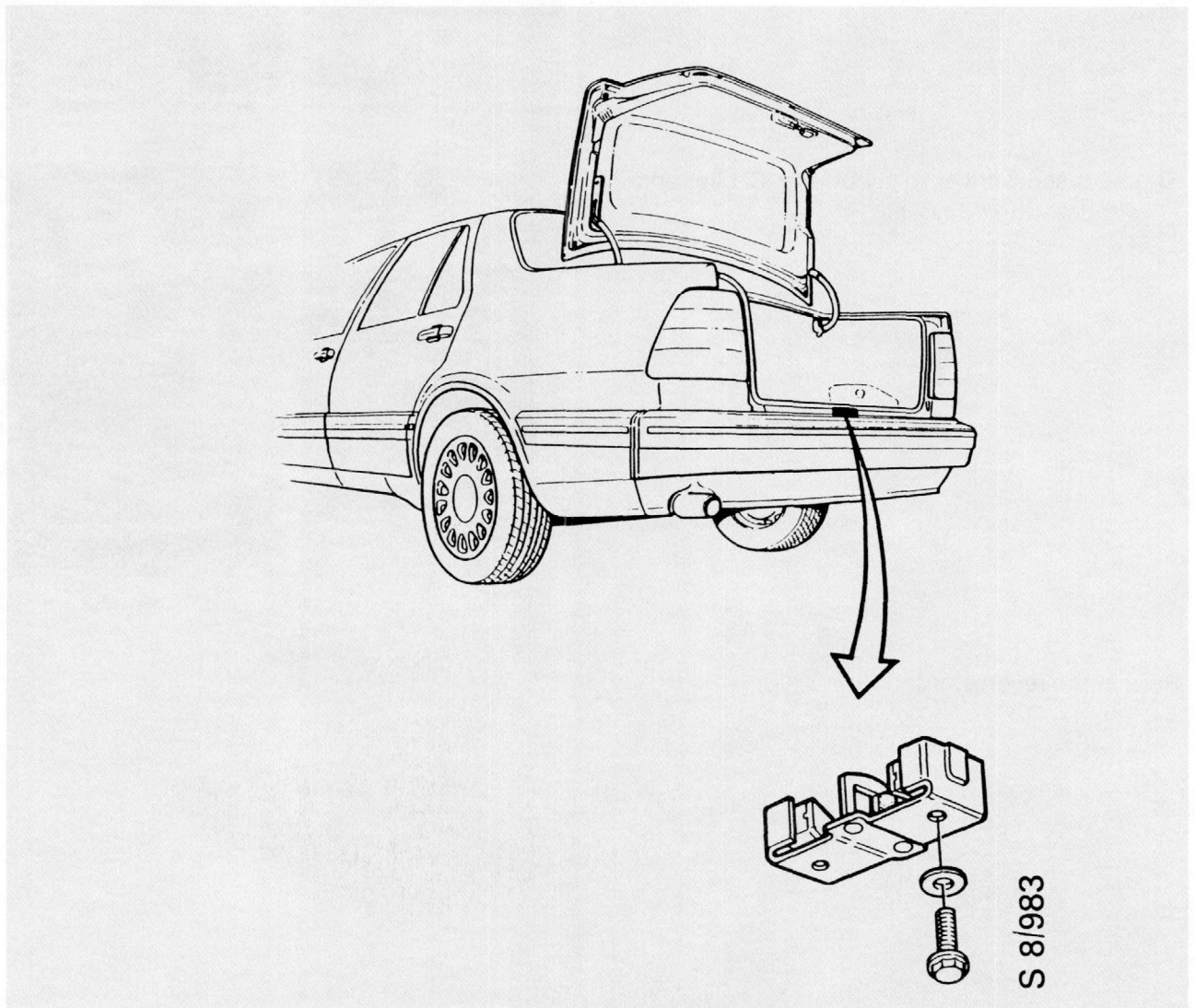
- 3 Use a screwdriver to pry off the 'C' clip, and withdraw the cylinder.



Refit in the reverse order.

Trunk lid striker plate

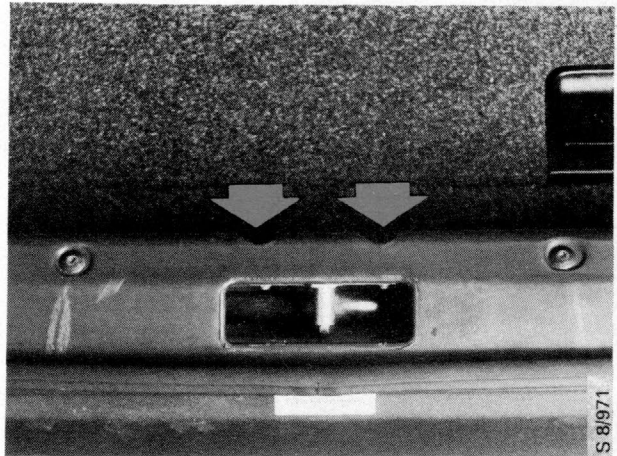
- 1 Remove the striker plate.
- 2 Refit and adjust.



Striker plate

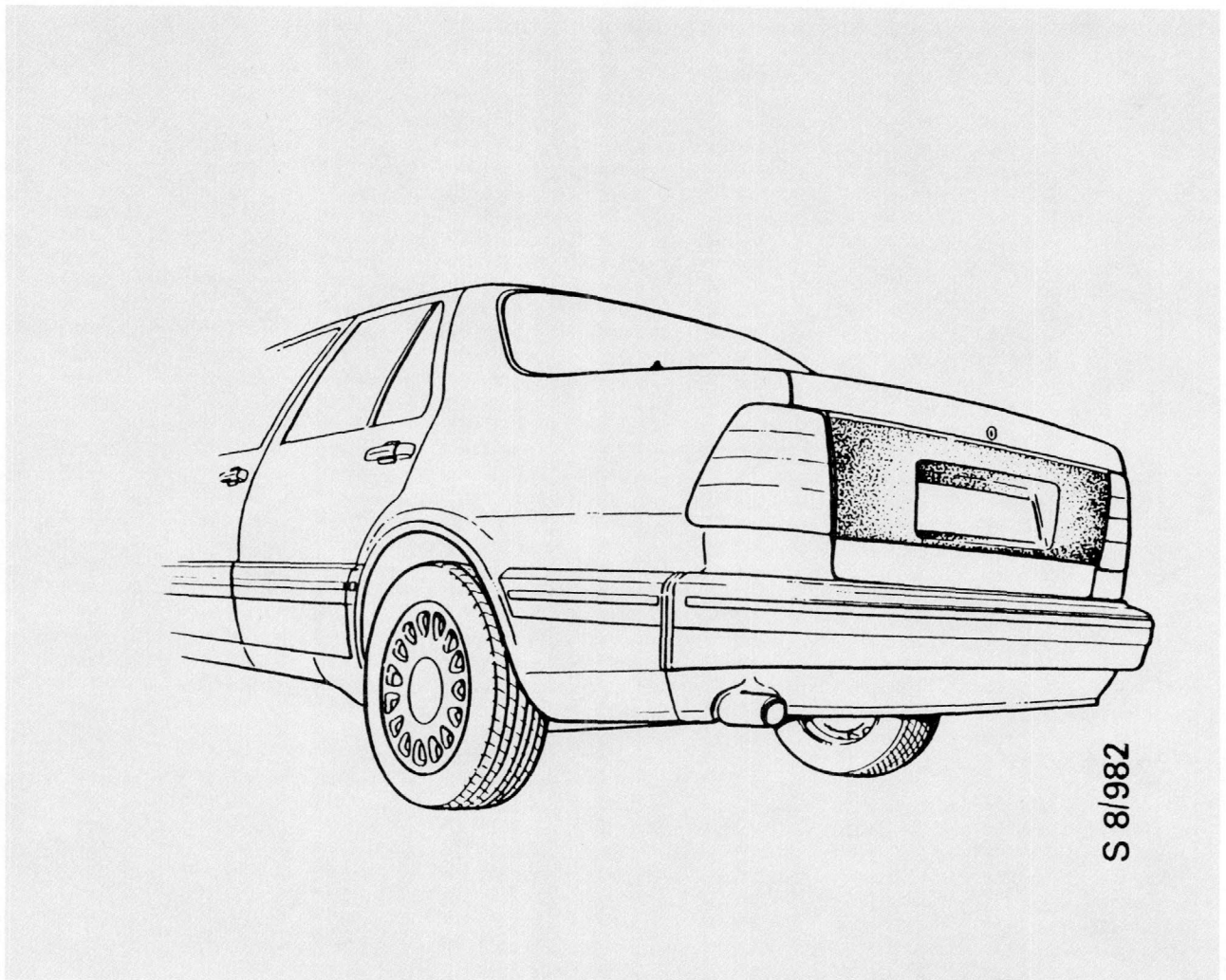
To remove/refit

- 1 Remove the bolts and then the striker plate.
Fit the new striker plate and adjust as necessary.



Trim panel on trunk lid

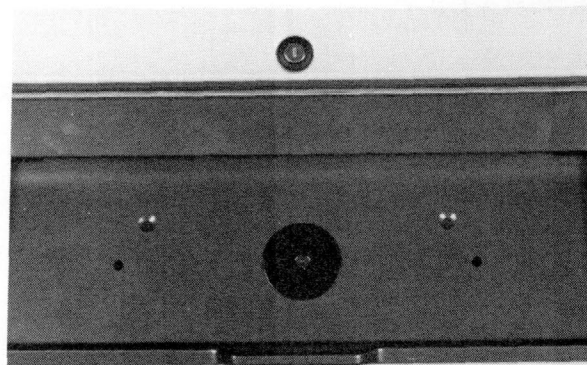
- 1 Remove the license plate.
- 2 Remove the screw and washer.
- 3 Remove the lid handle.
- 4 Remove the license-plate light.
- 5 Remove the trim panel on the trunk lid.
- 6 Refit the trim panel.
- 7 Refit the license-plate light.
- 8 Refit the handle.
- 9 Refit the screw and washer.
- 10 Refit the license plate.



Trim panel on trunk lid

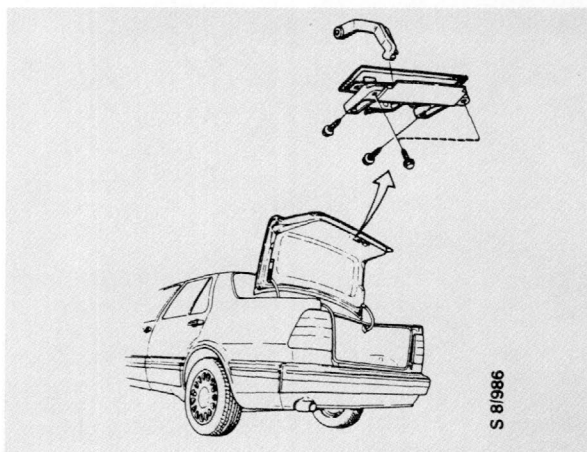
To remove/refit

- 1 Remove the license plate.
- 2 Remove the screw and washer behind the license plate).



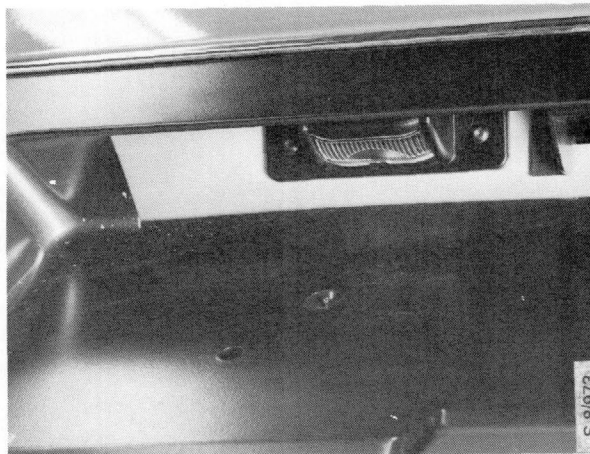
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- 3 Remove the lid handle (see page 30).



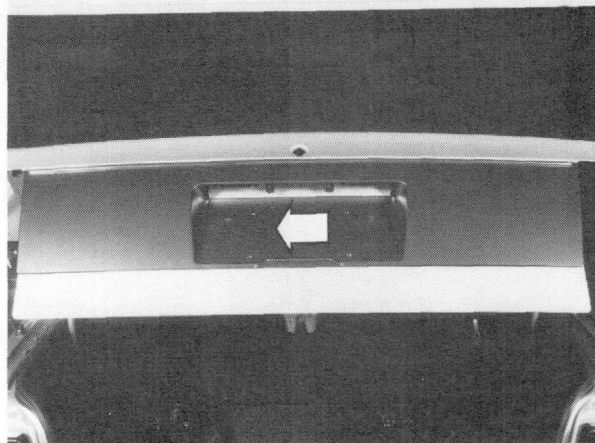
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- 4 Remove the LH license-plate light.



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- 5 Slide the trim panel to the left to release it from the plastic studs.



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Refit in the reverse order.

Rear window

Stripping work required for replacing the glass

- 1 Cover the trunk lid and rear fenders.
- 2 Remove the parcel shelf trim.
- 3 Unscrew the metal ties for the window glass and disconnect the electrical leads.
- 4 Remove the plastic fastener at the rear end of the roof liner.
- 5 Remove the trim molding.
- 6 Apply tape around the frame.

Removal of glass using power saw

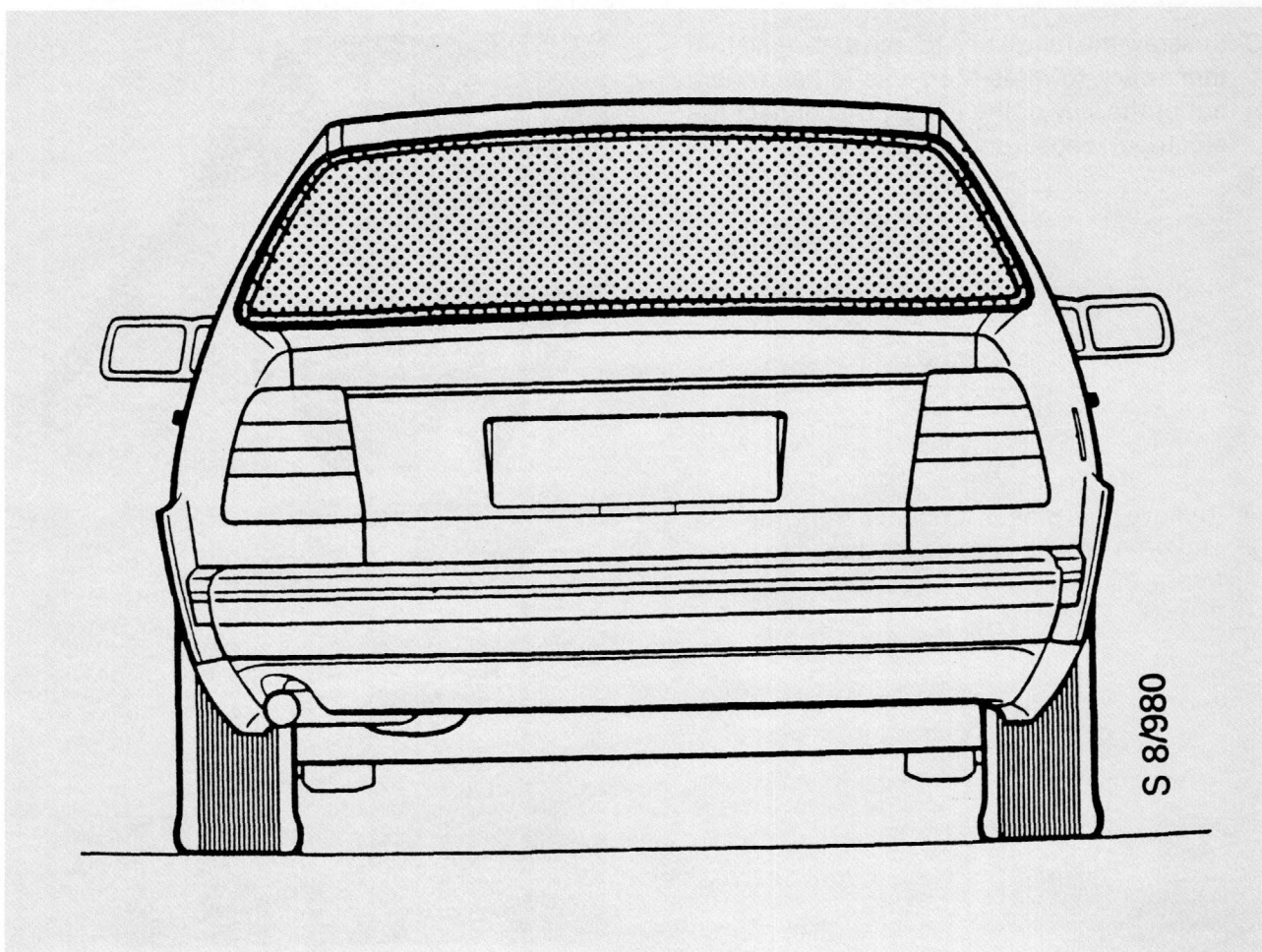
- 1 Complete the stripping work required.
- 2 Cut out the glass.
- 3 Lift out the glass.

Preparatory work prior to fitting the new glass

- 1 Fit glass suckers to the glass.
- 2 Trim the adhesive bead.

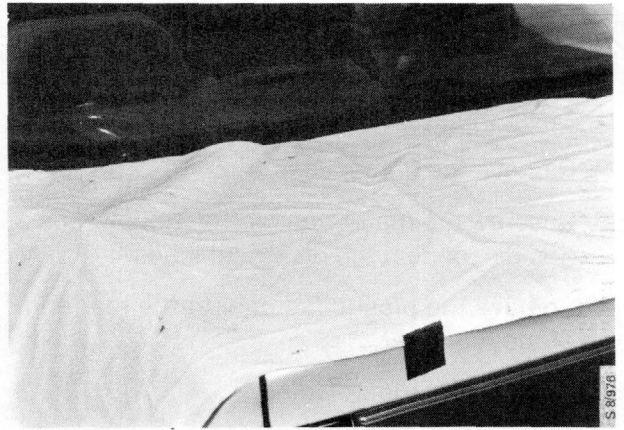
To fit

- 1 Carry out the necessary preparatory work.
- 2 Thoroughly clean the edge of the glass and the frame flanges.
- 3 Repair any damage to the paint.
- 4 Apply primer.
- 5 Fit the molding retaining strip.
- 6 Refit the trim molding.
- 7 Apply adhesive.
- 8 Position the new glass.
- 9 Fit the metal ties.
- 10 Test for leaks.
- 11 Refit all parts.

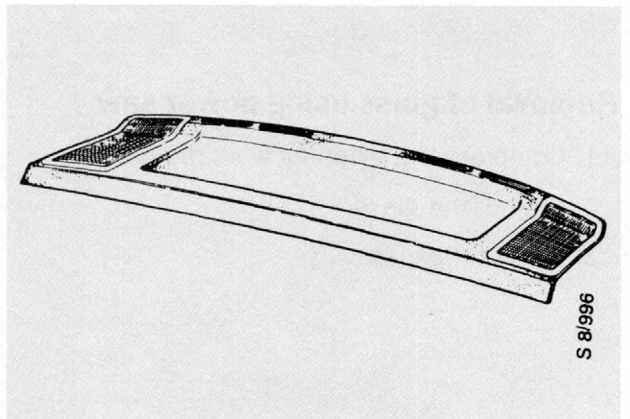


Stripping work required for replacing the rear-window glass

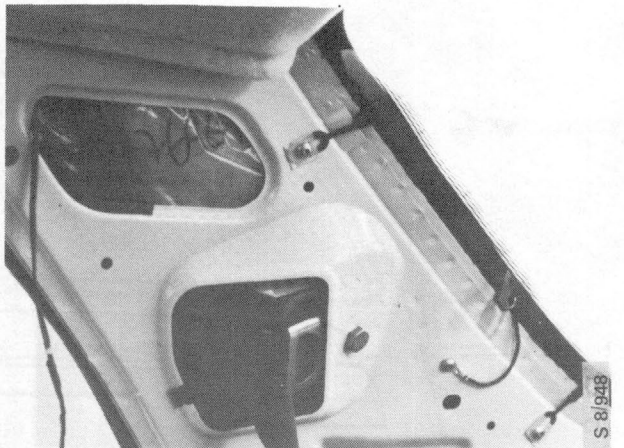
- 1 Fit protective covers over the trunk lid and rear fenders.



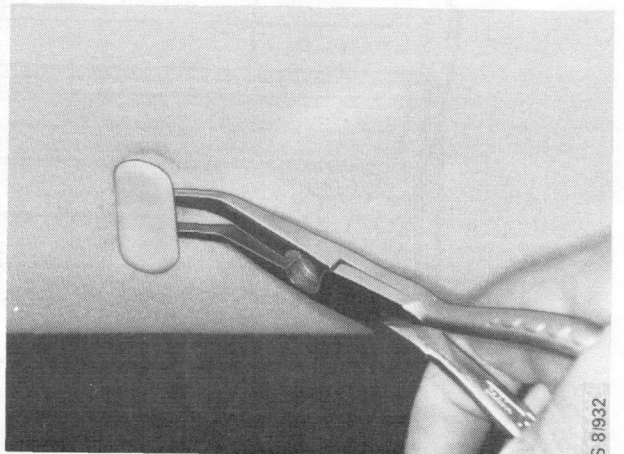
- 2 Remove the parcel shelf trim (see page 64).
Cover the speakers (if fitted).



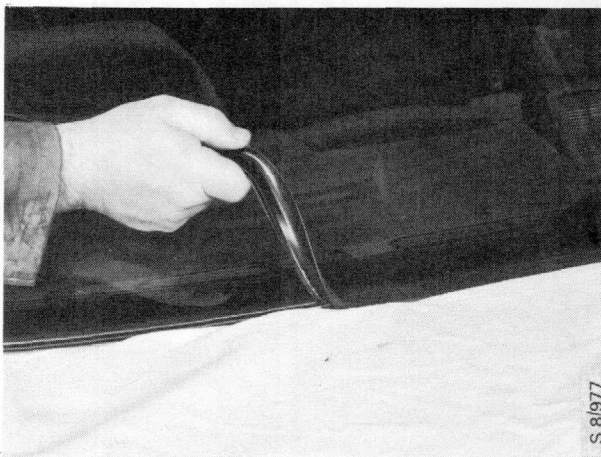
- 3 Unscrew the metal ties for the glass and fold them back towards the glass to keep them out of the way of the cutter. Disconnect the electrical leads from the glass.



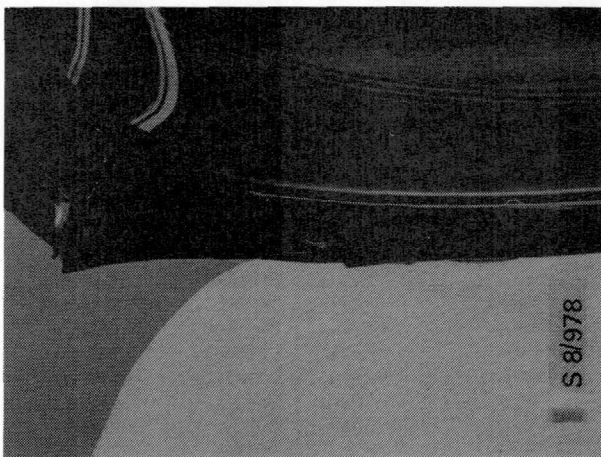
- 4 Remove the plastic fastener from the rear end of the roof liner, so that the edge hangs free.



5 Remove the rear-window trim molding.



6 Apply tape around the window frame to protect the paintwork while the glass is being cut out.



To remove the glass using a power saw

- 1 Complete the necessary stripping work (see page 44).

- 2 Cut out the glass as follows:

- Start by using the 0.094 in (24-mm) blade.

Note:

Because the adhesive is fairly tough, always sharpen the blade on a stone before use. Note that the cutting efficiency of the blade decreases as the blade gets hotter.

- Start the machine and insert the blade through the adhesive bead in one of the bottom corners.

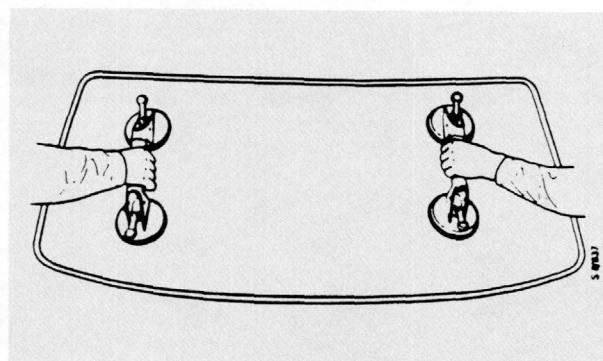
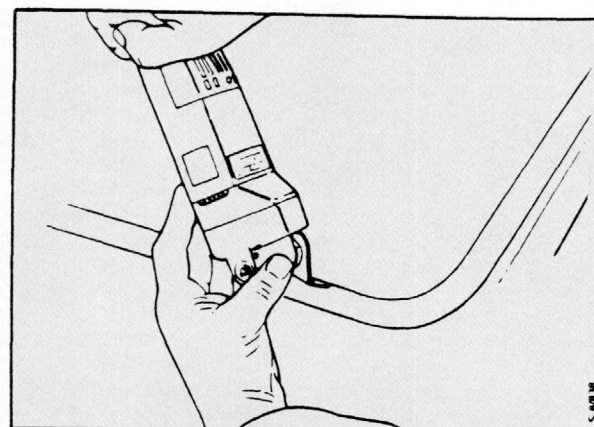
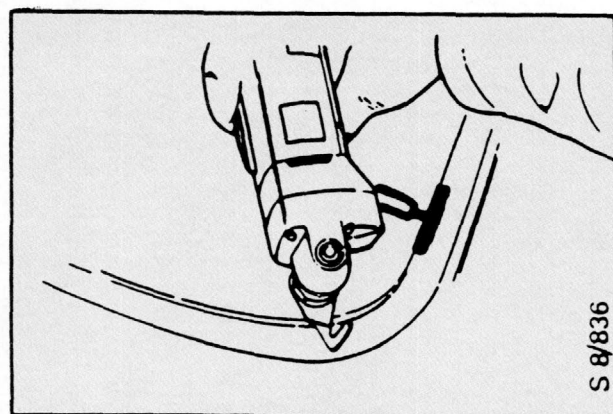
Note:

Be careful not to damage the paintwork. Remember to keep the blade clear of the metal ties.

- Working in a clockwise direction, cut all the way around the glass.

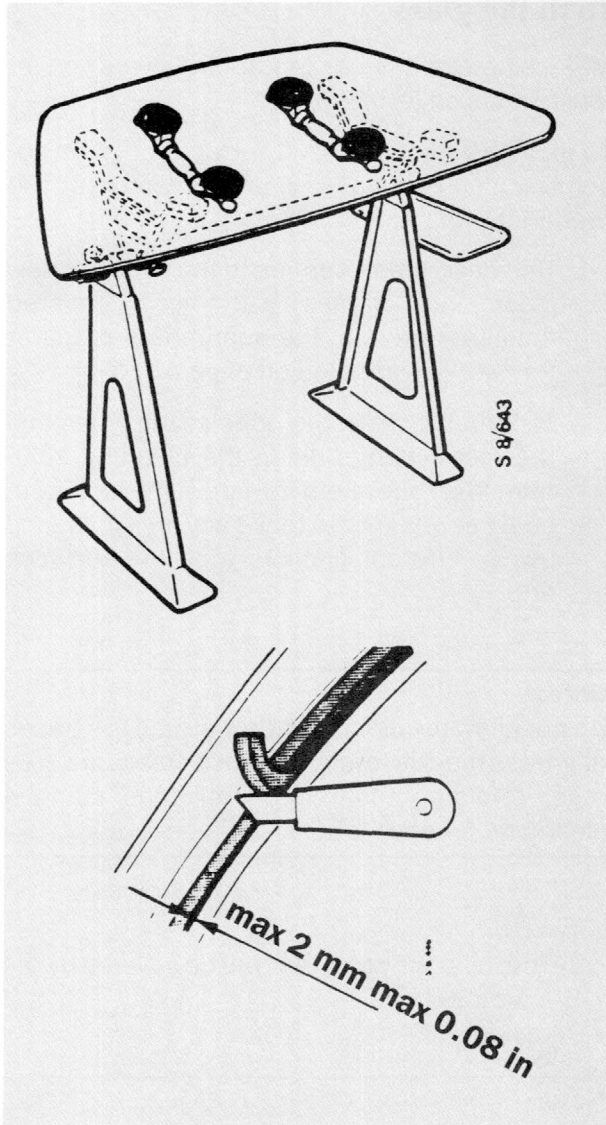
If the glass is still not free, cut around it again using the 1.42 in (36-mm) blade.

- 3 Press the glass suckers against the glass and lift it out.



Preparatory work prior to fitting new glass

- 1 Press the glass suckers against the outside of the glass and place the glass on a stand with the inside facing up.



- 2 Using the trimming blade, trim the adhesive bead on the frame (and on the removed glass if it is to be refitted) to a maximum thickness (height) of 0.08 in (2 mm) .

Note:

Old adhesive adhering firmly is a good base for fresh adhesive.

Remove all loose adhesive from the paint and glass.

To fit the glass

Make sure that the car is standing evenly on all four wheels on level ground.

To provide a good base, all surfaces must be absolutely clean (all traces of grease removed) and prepared with primer.

- 1 This description applies to the fitting of new glass into frames with newly painted flanges. Carry out the appropriate preparatory work as detailed on page 47.
- 2 Thoroughly clean the edge of the glass and the metal flange using the cleaning solution. Use one cloth to apply the solution, being careful not to leave any dry spots, and use a different cloth to wipe the surfaces dry.

Note:

Do not allow the cleaner to dry naturally as traces of grease may be left. Always use clean, lint-free rags, refolding them frequently and using a clean one for each job.

- 3 Touch up the paint that will be covered by the molding.

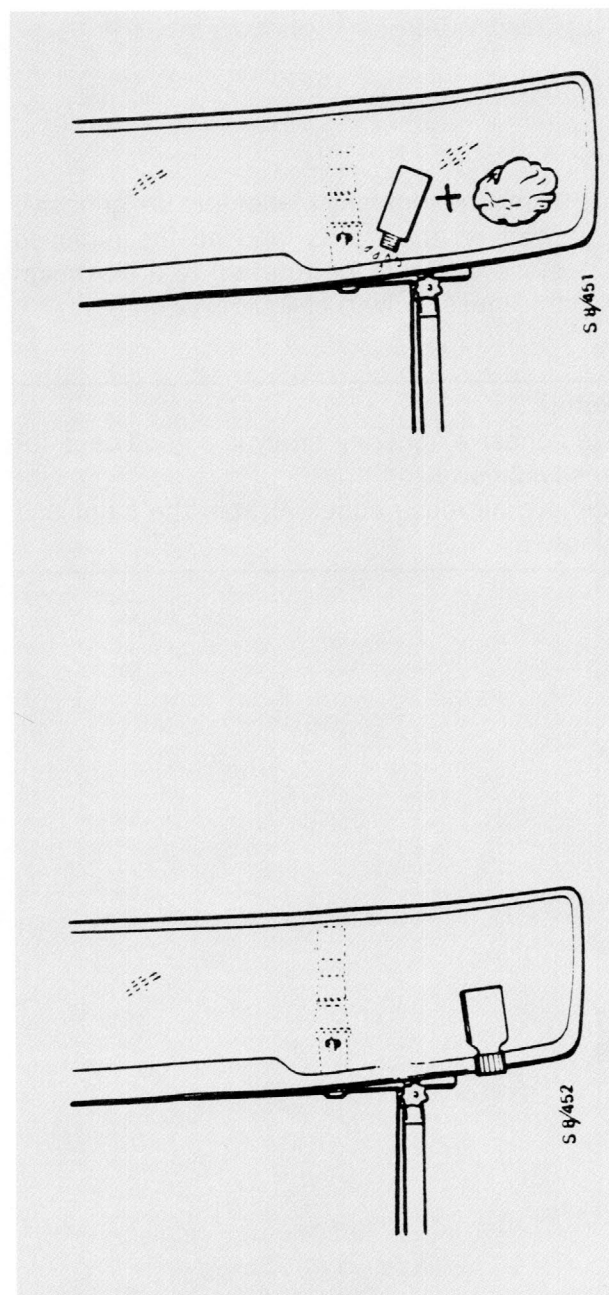
Note:

The enamel finish must be flawless, to prevent severe corrosion.

- 4 Apply primer to the edge of the glass and the metal flange, making sure that the metal surface is covered with a generous coat right up to the masking tape. Remember to remove the tape before fitting the glass.

Note:

If primer drips onto the paint, it must be removed **immediately**, while it they can still be wiped off without damaging the enamel.



- 5 Refit the molding retaining strips and cover pieces.

Note:

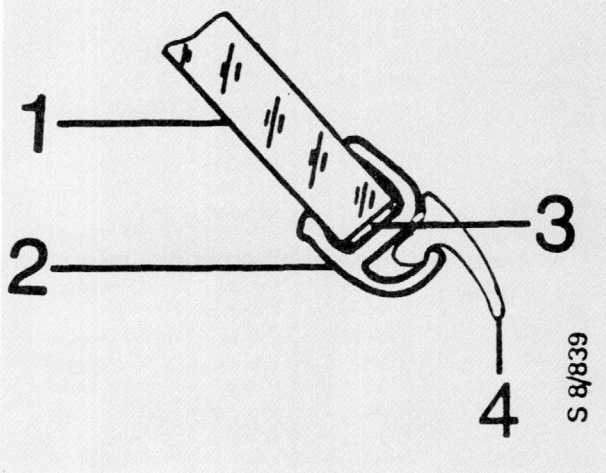
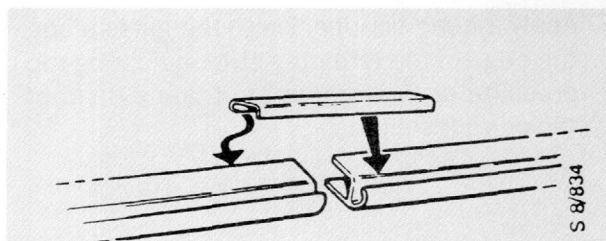
Do not attempt to hammer the strip into position using a mallet. Simply apply pressure to the strip so that the sealer adheres to the edge of the glass.

- 6 Fit the molding.

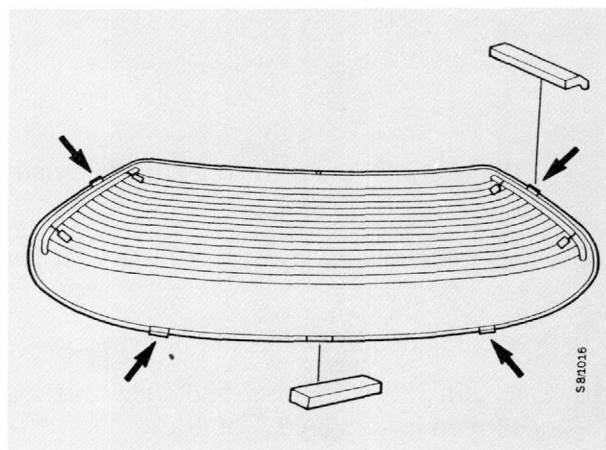
Note:

Center the wider part of the molding over the trunk lid.

- Position the spacers on the retaining strip.



- 1 Glass
- 2 Retaining strip
- 3 Sealer
- 4 Moulding



7 Apply a bead of adhesive to the glass along the edge of the retaining strip, adjusting the pressure of the air gun to obtain a bead of the correct shape.

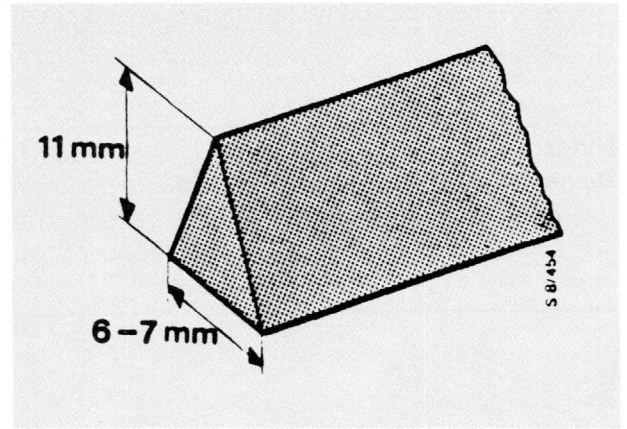
Note:

The width of the applicator nozzle will need adjusting. To do this, immerse the nozzle in hot water to make it pliable, and then squeeze it to the size shown. If the nozzle is adjusted properly, the adhesive in one cartridge will be sufficient for one rear window.

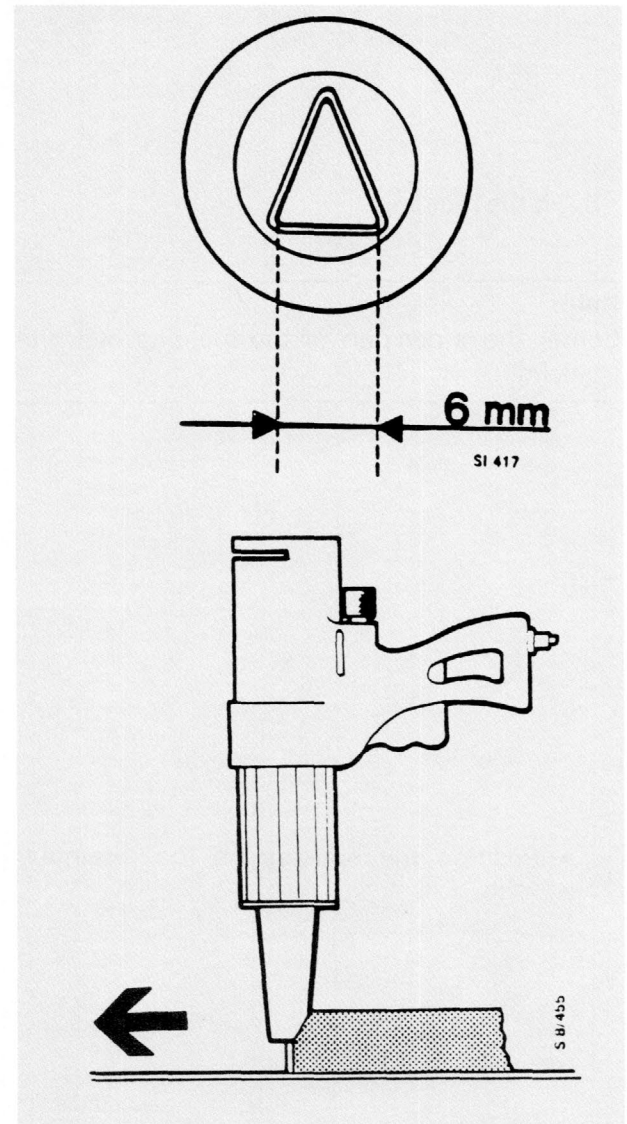
- Always hold the gun perpendicular to the surface.

- Check that there are no cavities or procedures in the adhesive.

- 8 Press the glass into position, flush with the surrounding metal.
- 9 Fold back the metal ties and fit the screws.
- 10 Carry out the hardening and water testing described in section 8:1 of the Manual.
- 11 Refit all parts.

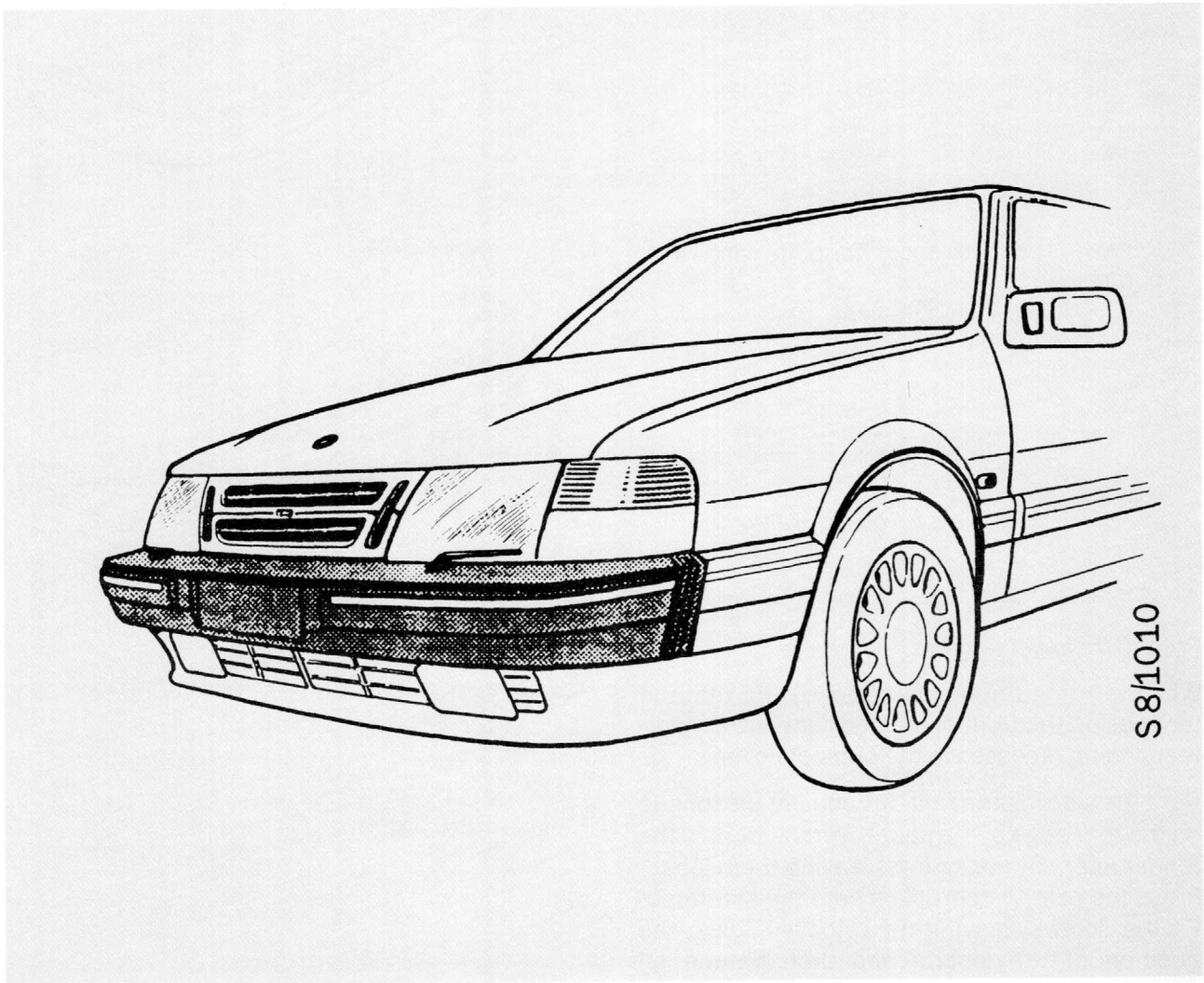


Adhesive bead



Front bumpers

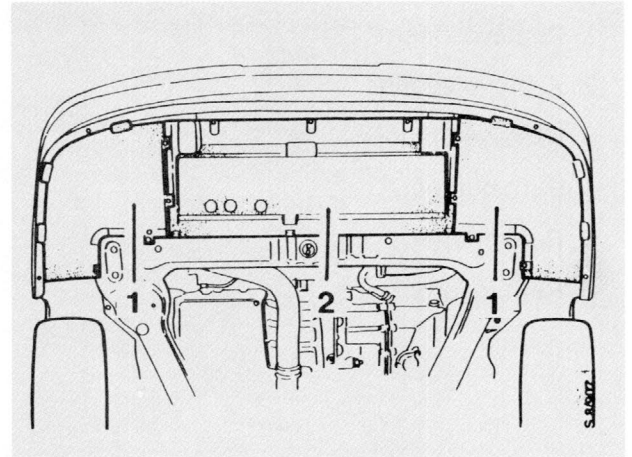
- 1 Remove inserts.
- 2 Remove spoiler.
- 3 Remove bumper.
- 4 Refit bumper.
- 5 Refit spoiler.
- 6 Refit inserts.



Front bumper

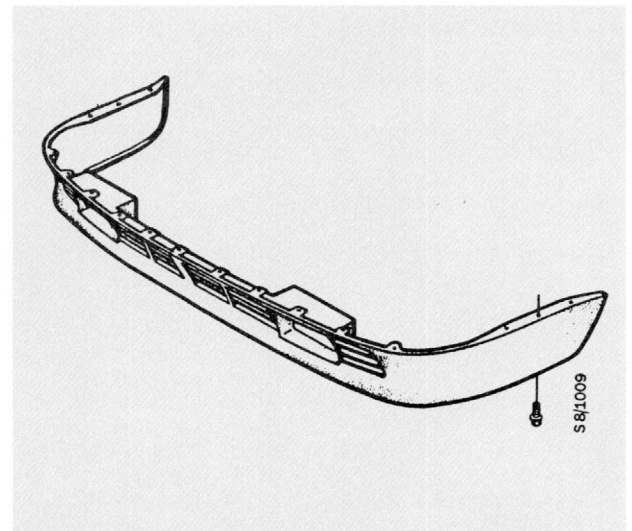
To remove/refit

- 1 Remove the side and center inserts.

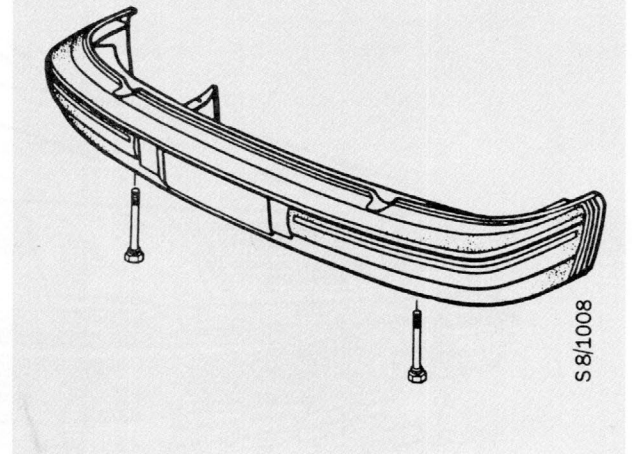


- 1 Side inserts
- 2 Center inserts

- 2 Unscrew and remove the spoiler, leaving the temperature sensor hanging on the lead.



- 3 Remove the two securing bolts and the bumper.



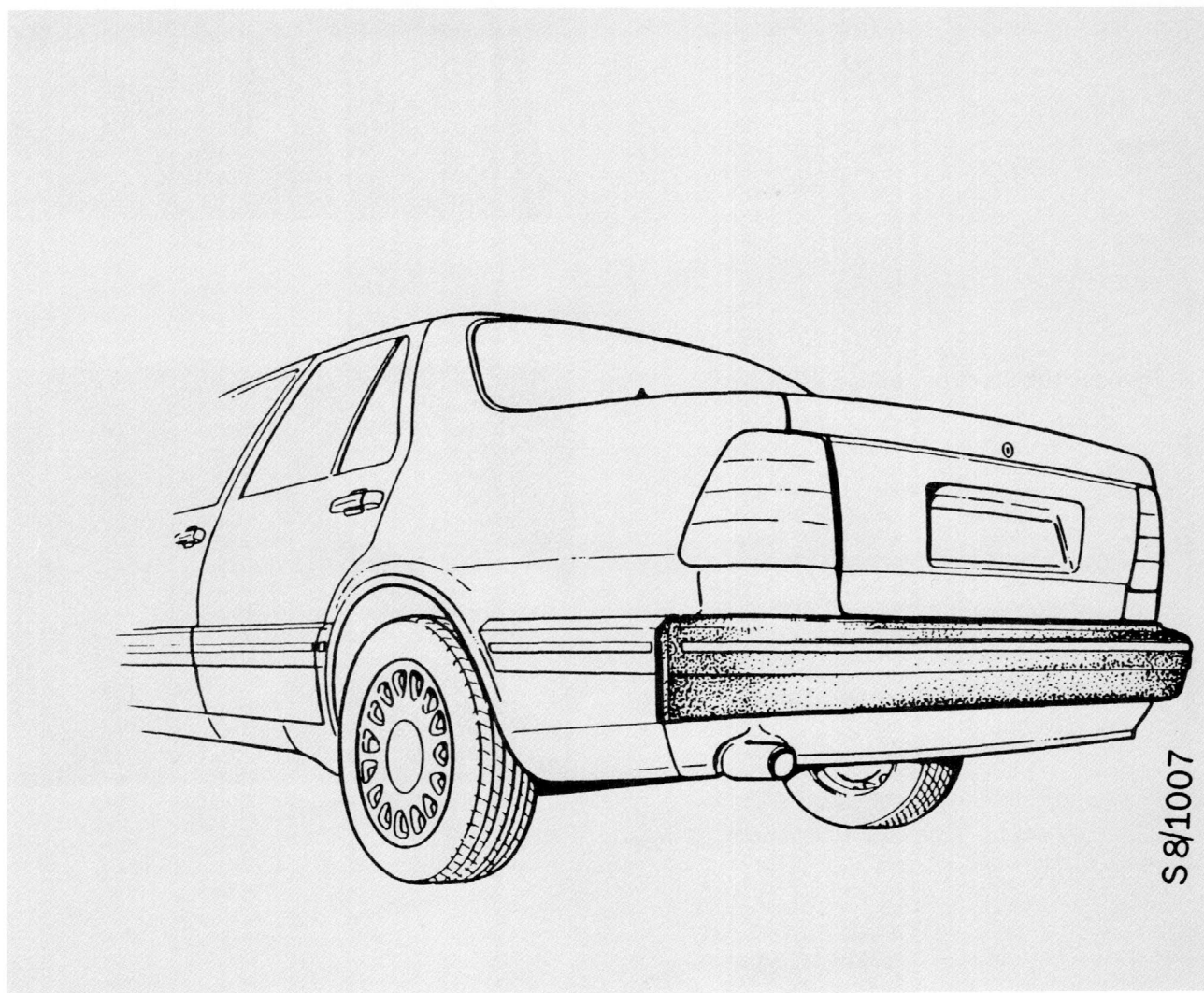
Refit in the reverse order.

When refitting the bumper, make sure that the tongues on the front of the body engage the corresponding recesses in the bumper cover.

Refit the side inserts first, introducing the tongue on the rear edge of the panel over the front of the fender liner. Fit the screws, leaving them loose. Press the center insert clips onto the subframe. Fit the screws, leaving them loose. Adjust the position of the inserts and then tighten all screws.

Rear bumper

- 1 Remove the rear bumper cover securing screws.
- 2 Remove the rear light units.
- 3 Remove the scuff plate from the sill (trunk).
- 4 Remove the bumper.
- 5 Refit the bumper.
- 6 Refit the scuff plate.
- 7 Refit the rear light units.
- 8 Refit the screws for the rear bumper cover.

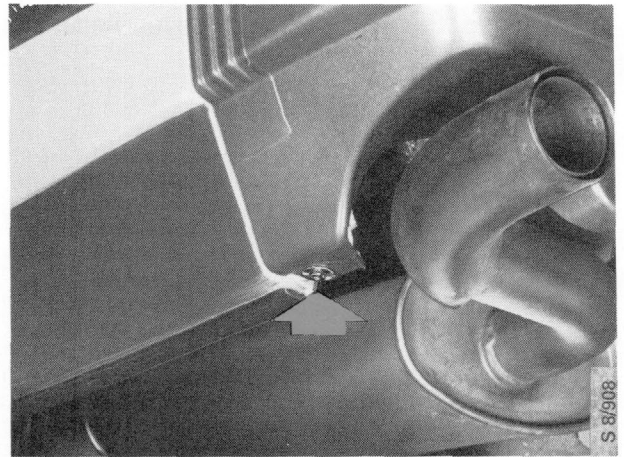


S8/1007

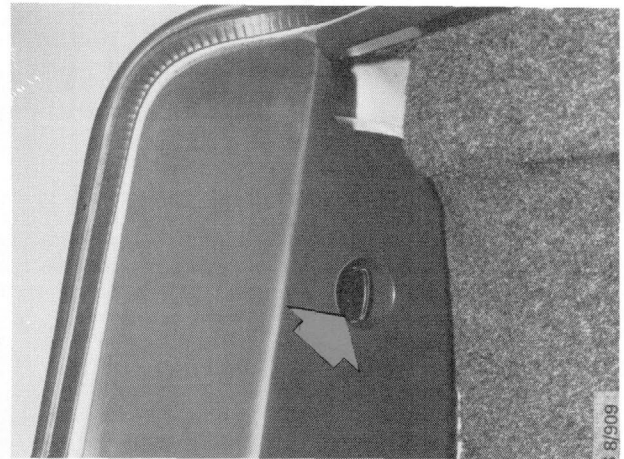
Rear bumper

To remove/refit

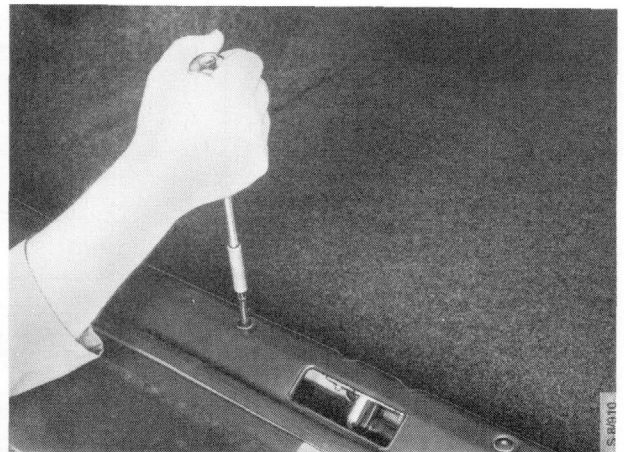
- 1 Remove the screws (one on each side) for the rear bumper cover.



- 2 Remove the rear light units. Unplug the connectors.



- 3 Remove the scuff plate.

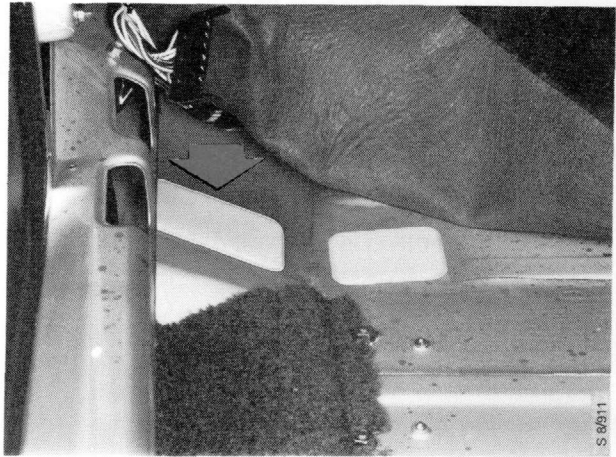


4 Remove the bumper as follows:

Raise the panel over the spare-wheel well. Fold back the side trim on each side and remove the covers over the bumper securing nuts.

Unscrew the nuts, two on each side.

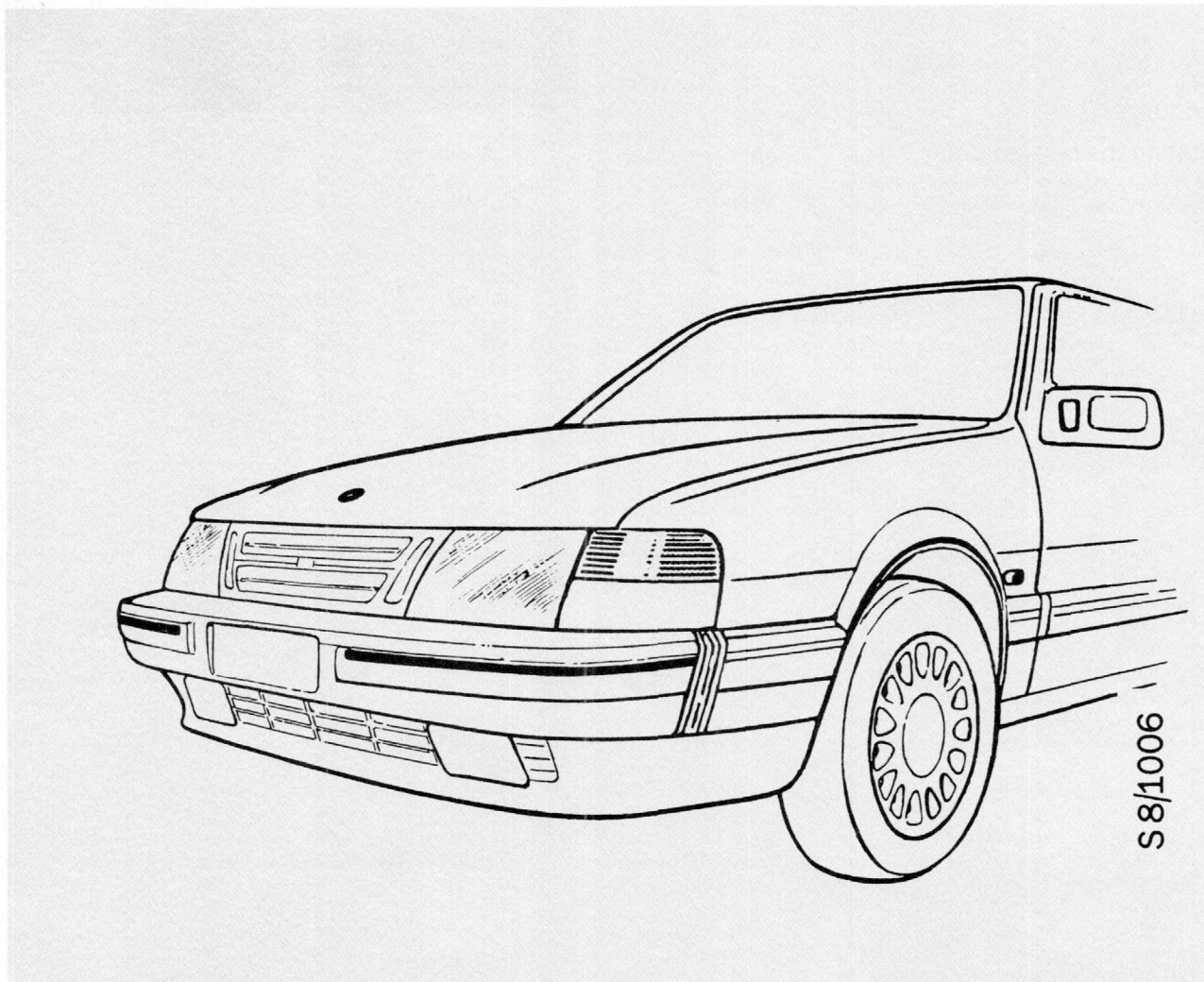
Lift off the bumper. Save the rubber spacers.



Refit in the reverse order.

Front bumper trim

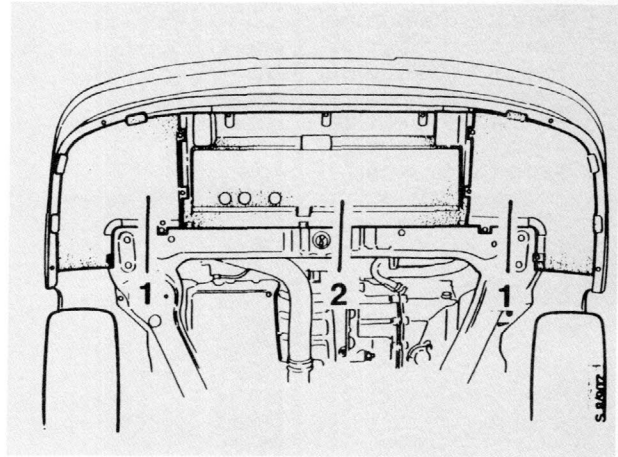
- 1 Remove the LH or RH insert.
- 2 Remove the horn (LH side only).
- 3 Remove the bumper trim.
- 4 Refit the bumper trim.
- 5 Refit the horn (LH side only).
- 6 Refit the insert.



Front bumper trim

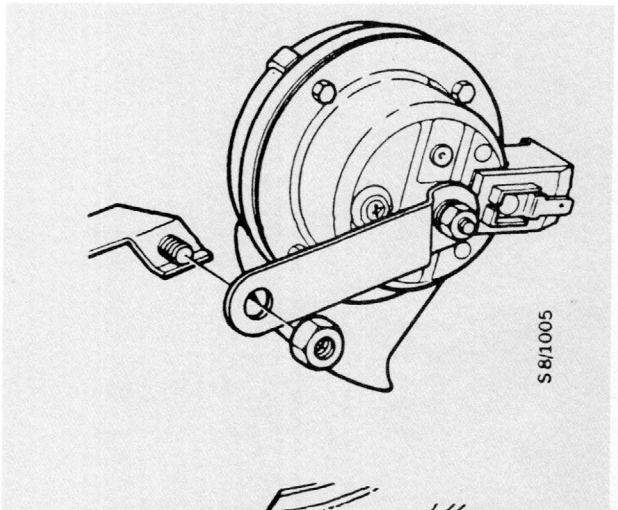
To remove/refit

- 1 Remove the LH or RH insert to gain access to the spring clip for the trim.



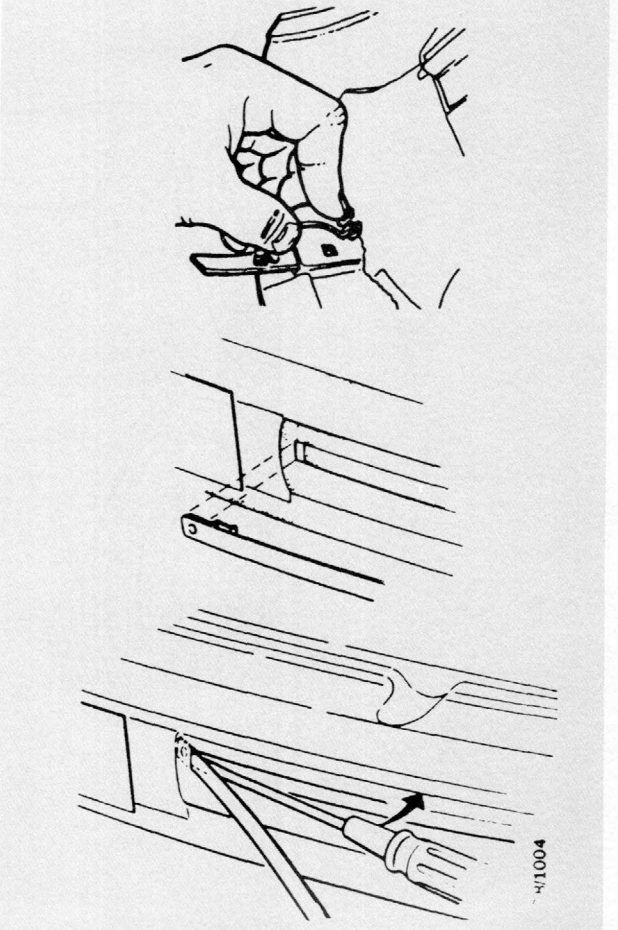
- 1 Side inserts
- 2 Center inserts

- 2 LH side only:
Unbolt the horn from the bracket.



- 3 Remove the trim as follows:
Release the spring clip.

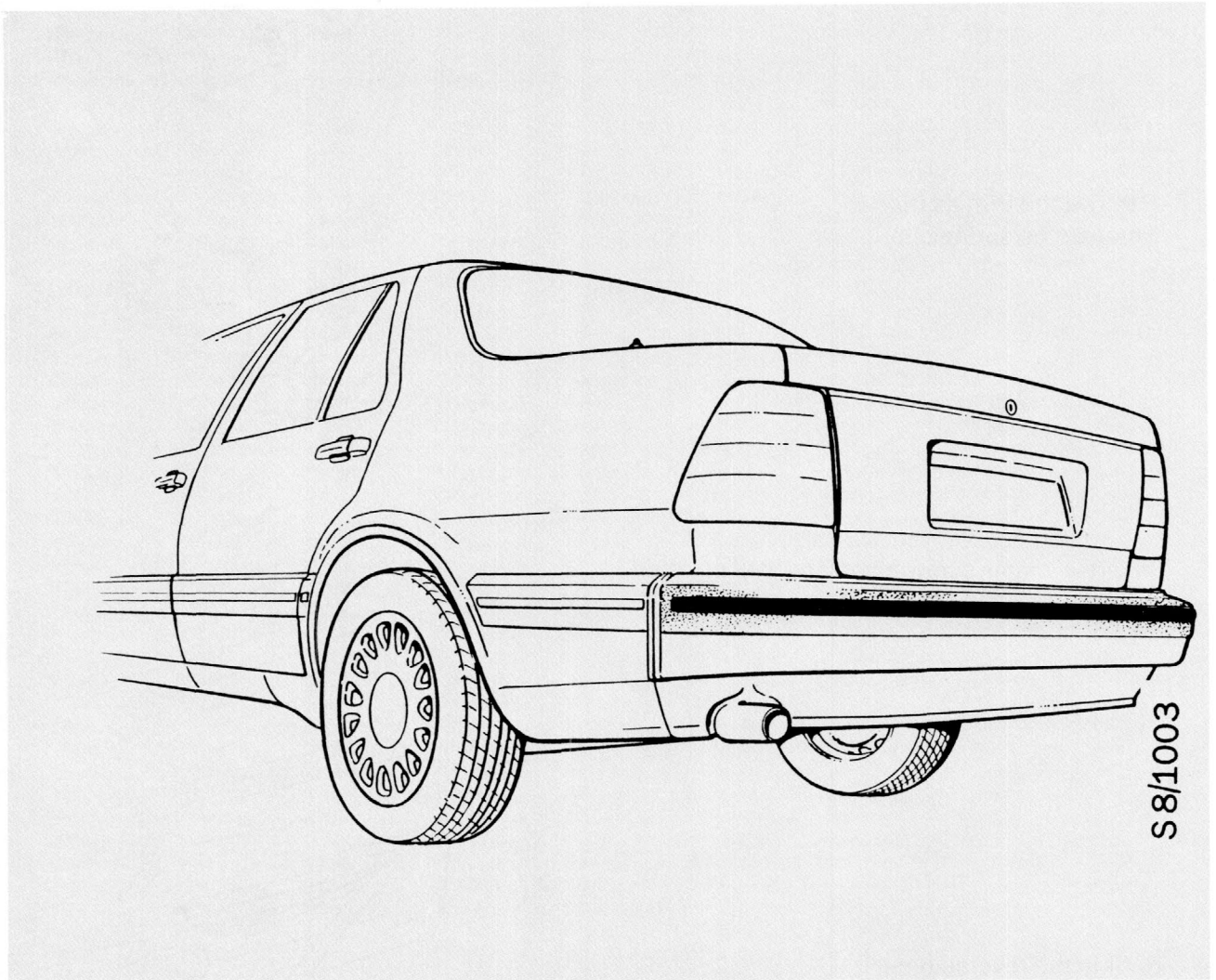
Insert a small screwdriver and pry off the hook securing the trim to the bumper.



Refit in the reverse order.

Rear bumper trim

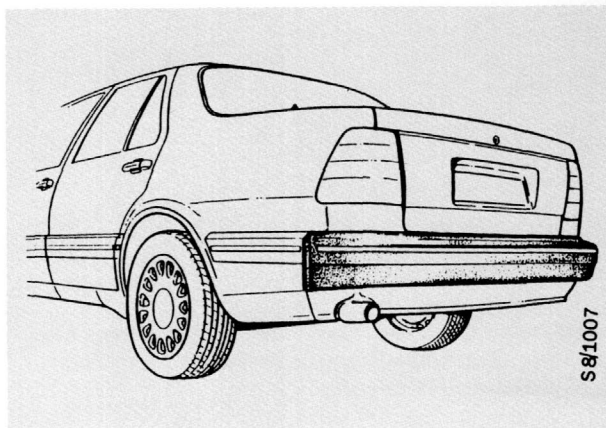
- 1 Remove the bumper.
- 2 Remove the bumper trim.
- 3 Fit the bumper trim.
- 4 Refit the bumper.



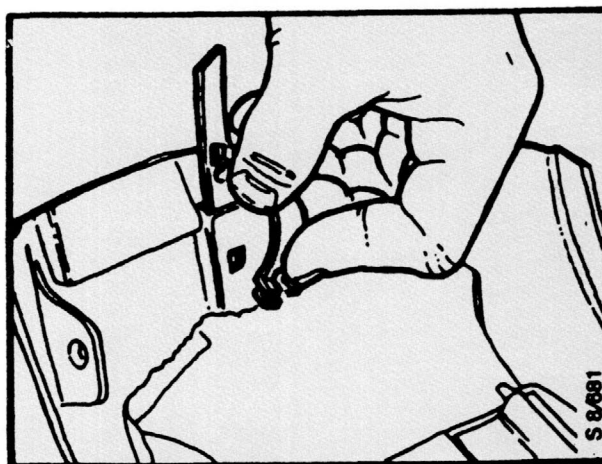
Rear bumper trim

To remove/fit

- 1 Remove the bumper (see page 53).



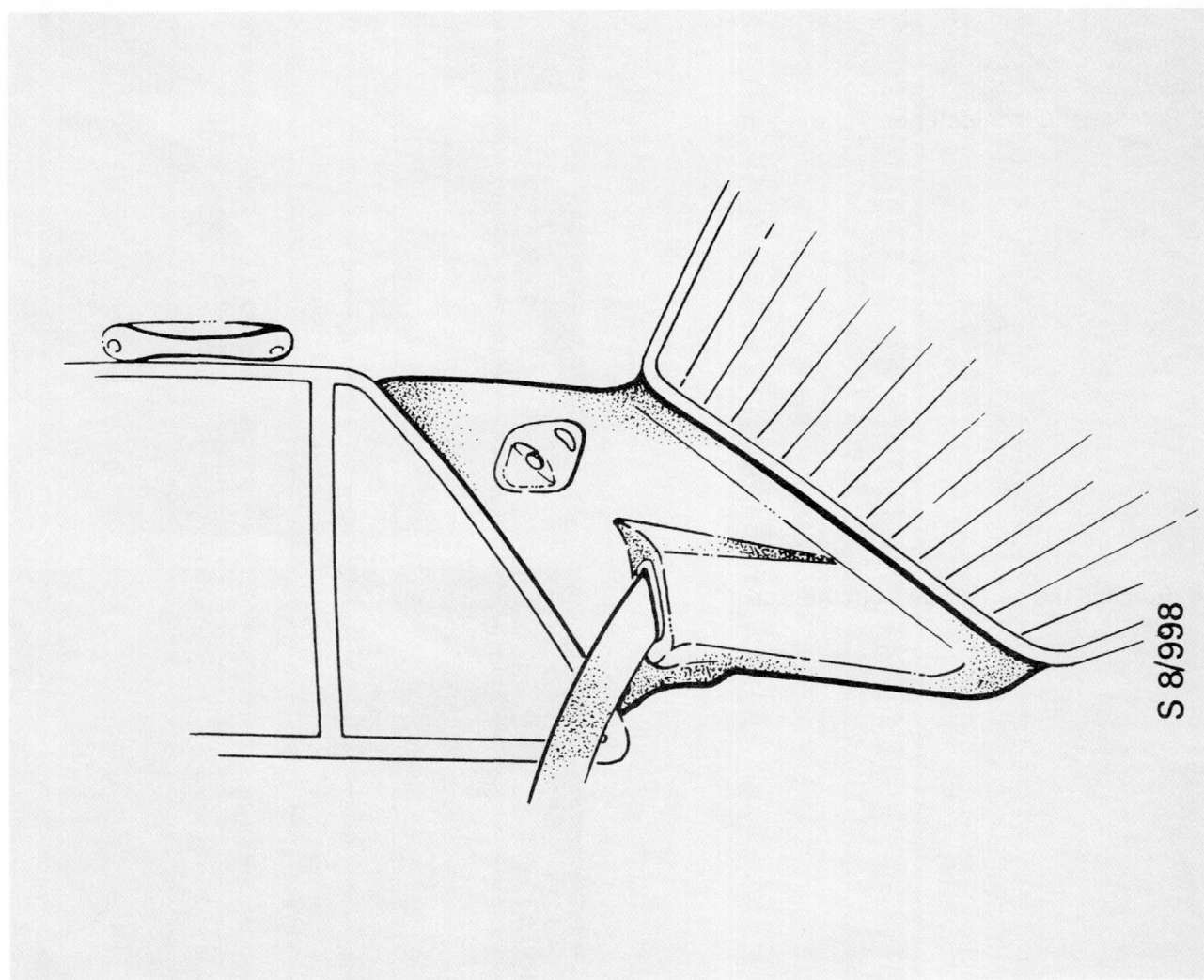
- 2 Release the spring clips for the trim and remove the trim.



Refit in the reverse order.

C-post trim

- 1 Remove the reading light.
- 2 Release the door trim seal.
- 3 Release the fasteners for the C-post trim.
- 4 Remove the belt guide.
- 5 Unbolt the bottom belt mounting.
- 6 Refit the belt guide.
- 7 Refit the bottom belt mounting.
- 8 Refit the C-post trim.
- 9 Refit the door trim seal.
- 10 Refit the reading light.



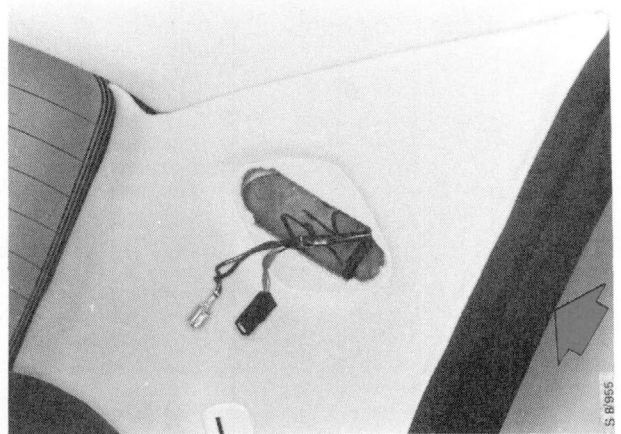
C-post trim

To remove/refit

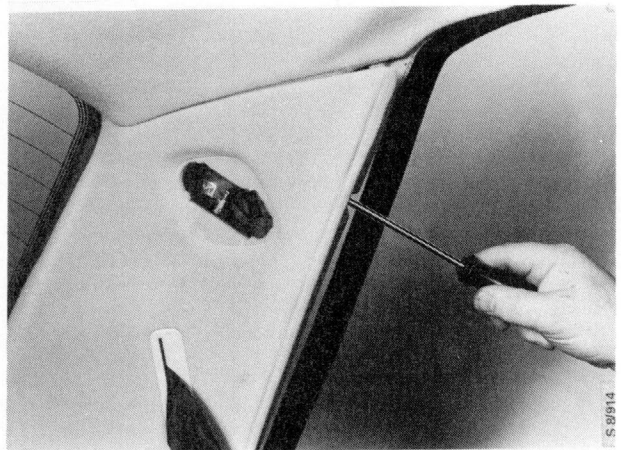
- 1 Remove the reading light from the trim and unplug the connectors.



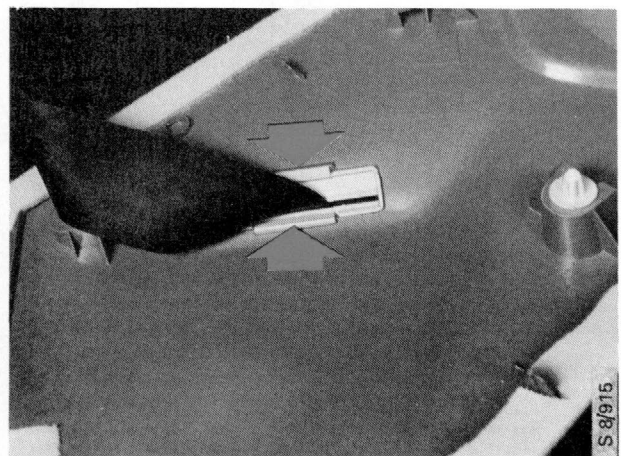
- 2 Ease the door trim seal away from the C-post.



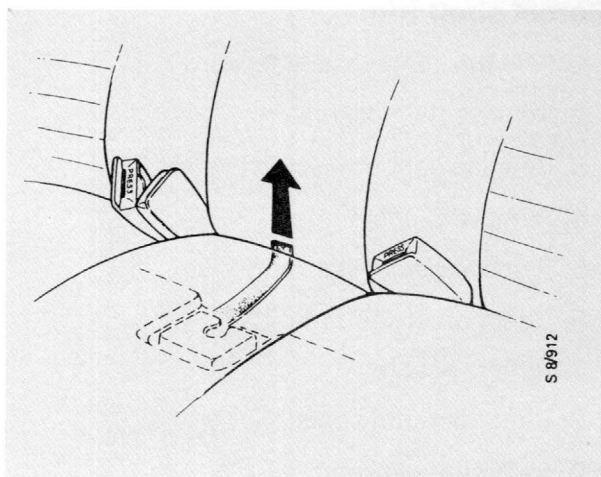
- 3 Release the five fasteners for the trim.



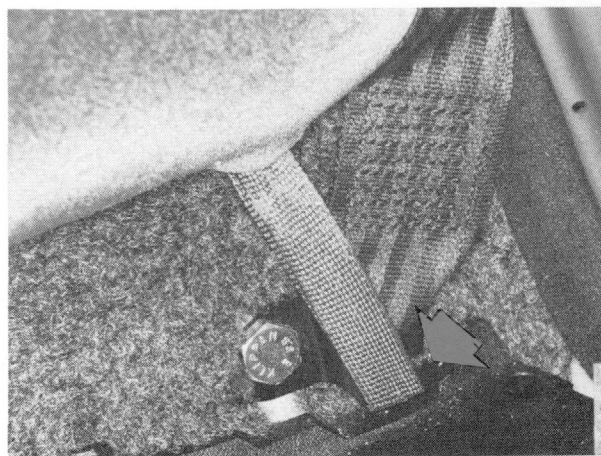
- 4 Remove the belt guide from the trim.



5 Fold the seat cushion forward.



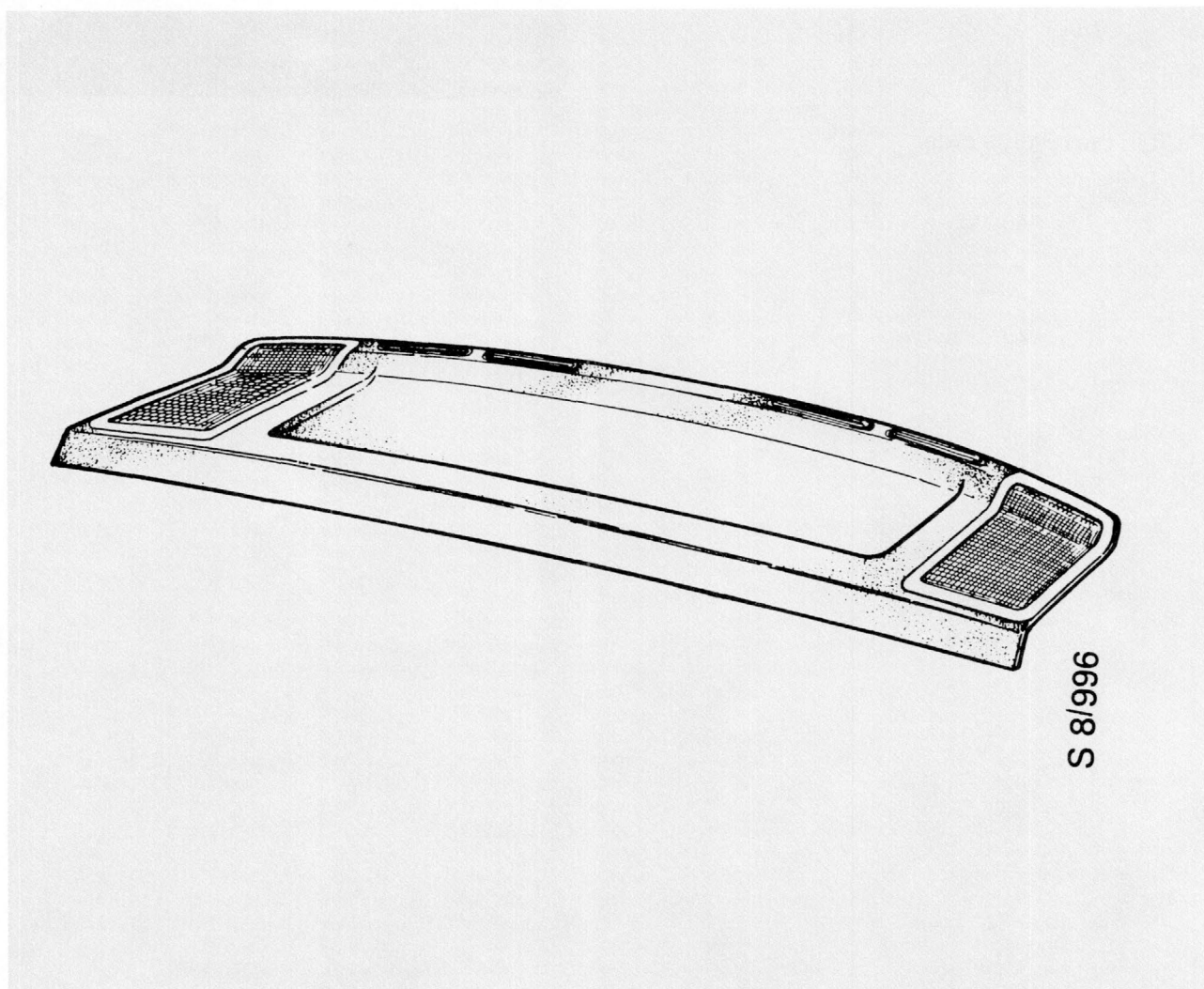
6 Unbolt the bottom belt mounting and remove the trim.



Refit in the reverse order.

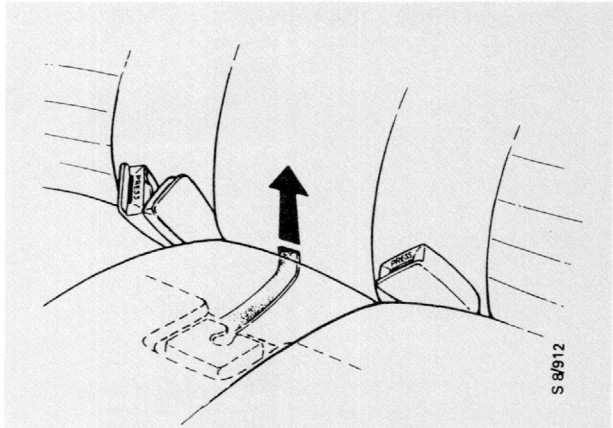
Parcel shelf trim

- 1 Fold the seat cushion forward.
- 2 Remove the backrest.
- 3 Release door trim seals.
- 4 Remove C-post trim.
- 5 Remove parcel shelf trim.
- 6 Refit parcel shelf trim.
- 7 Refit C-post trim.
- 8 Refit door trim seals.
- 9 Refit seat backrest.
- 10 Fold back seat cushion.

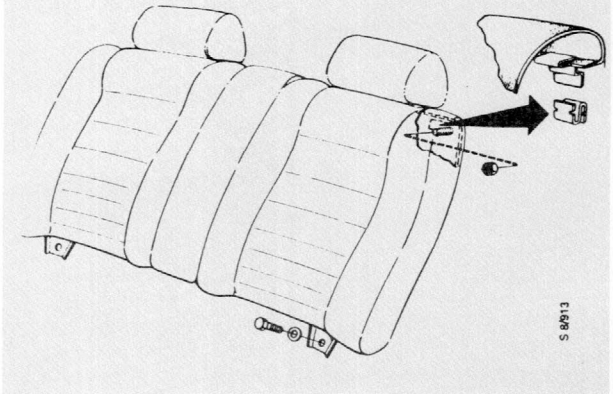


Parcel shelf trim**To remove/refit**

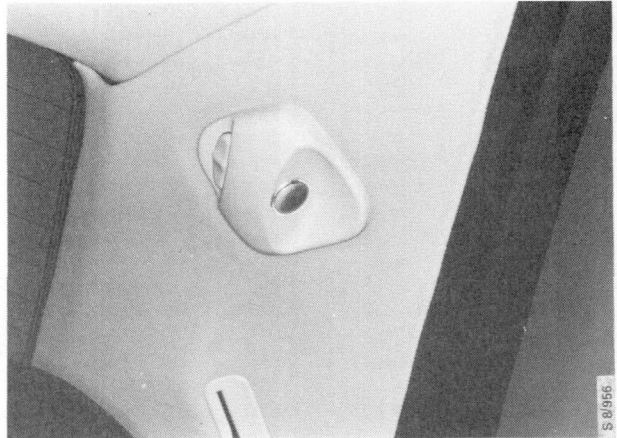
1 Fold the seat cushion forward.



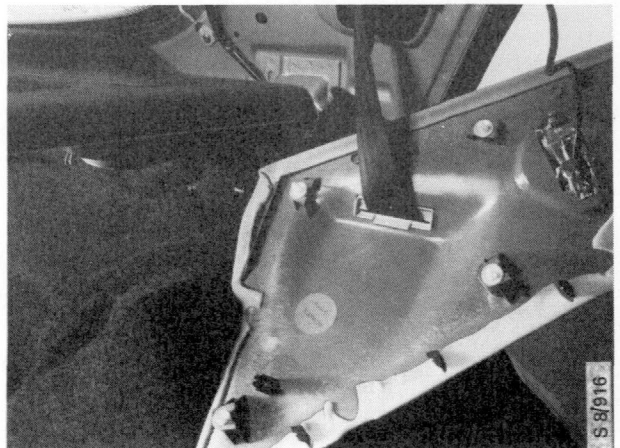
2 Remove the backrest (see page 85).



3 Ease the door trim seals away from the C-posts.

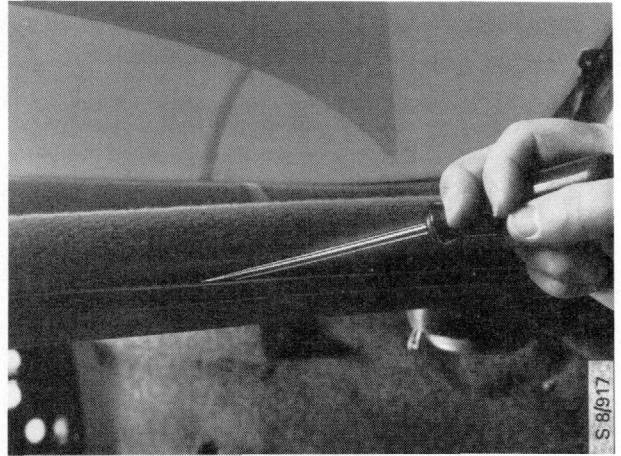


4 Release the fasteners for the C-post trim and move the trim out of the way (both sides).



66 Body

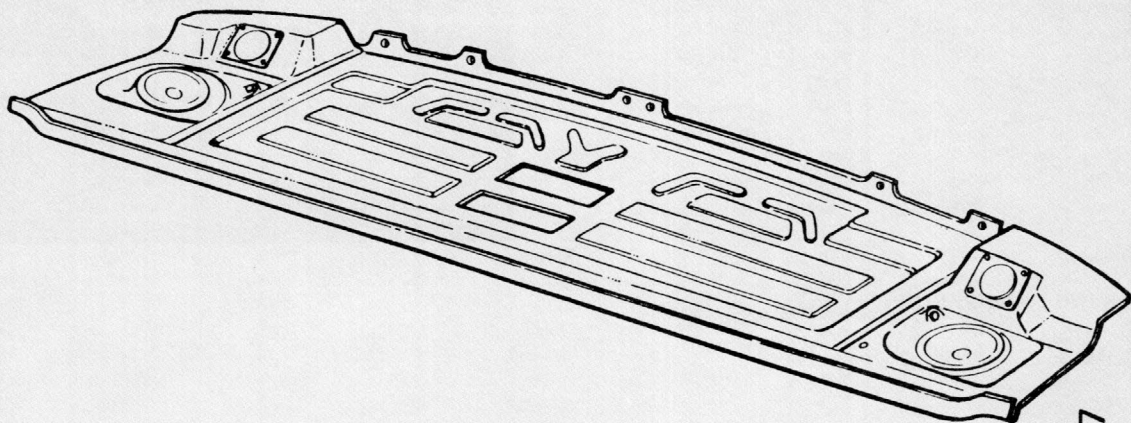
- 5 Release the fasteners for the parcel shelf trim and lift out the trim.



Refit in the reverse order.

Parcel shelf

- 1 Remove the parcel shelf trim.
- 2 Remove the speaker mounting panels.
- 3 Remove the parcel shelf.
- 4 Refit the parcel shelf.
- 5 Refit the speaker mounting panels.
- 6 Refit the parcel shelf trim.

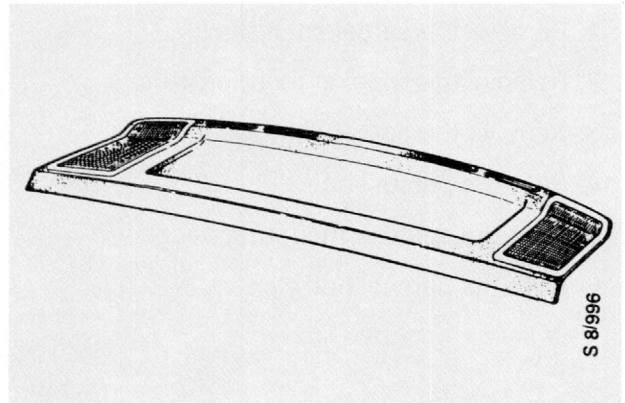


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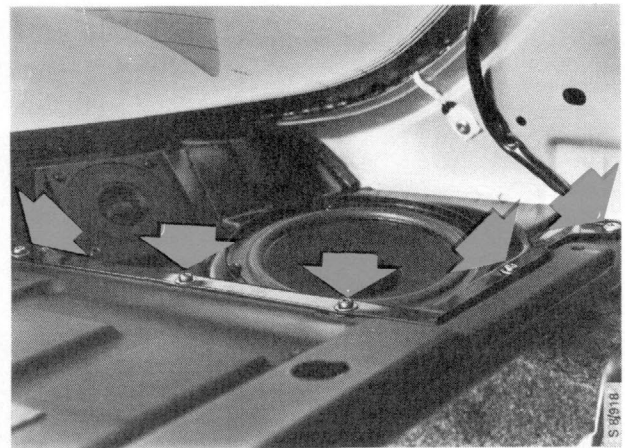
Parcel shelf

To remove/refit

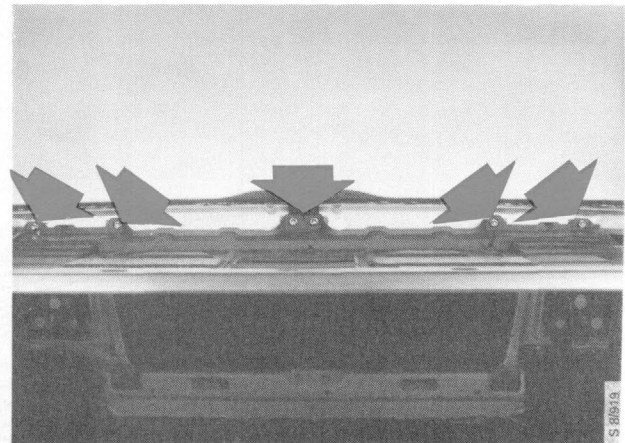
- 1 Remove the parcel shelf trim (see page 64).



- 2 Unscrew the speaker mounting panels and (where applicable) disconnect the electrical leads.



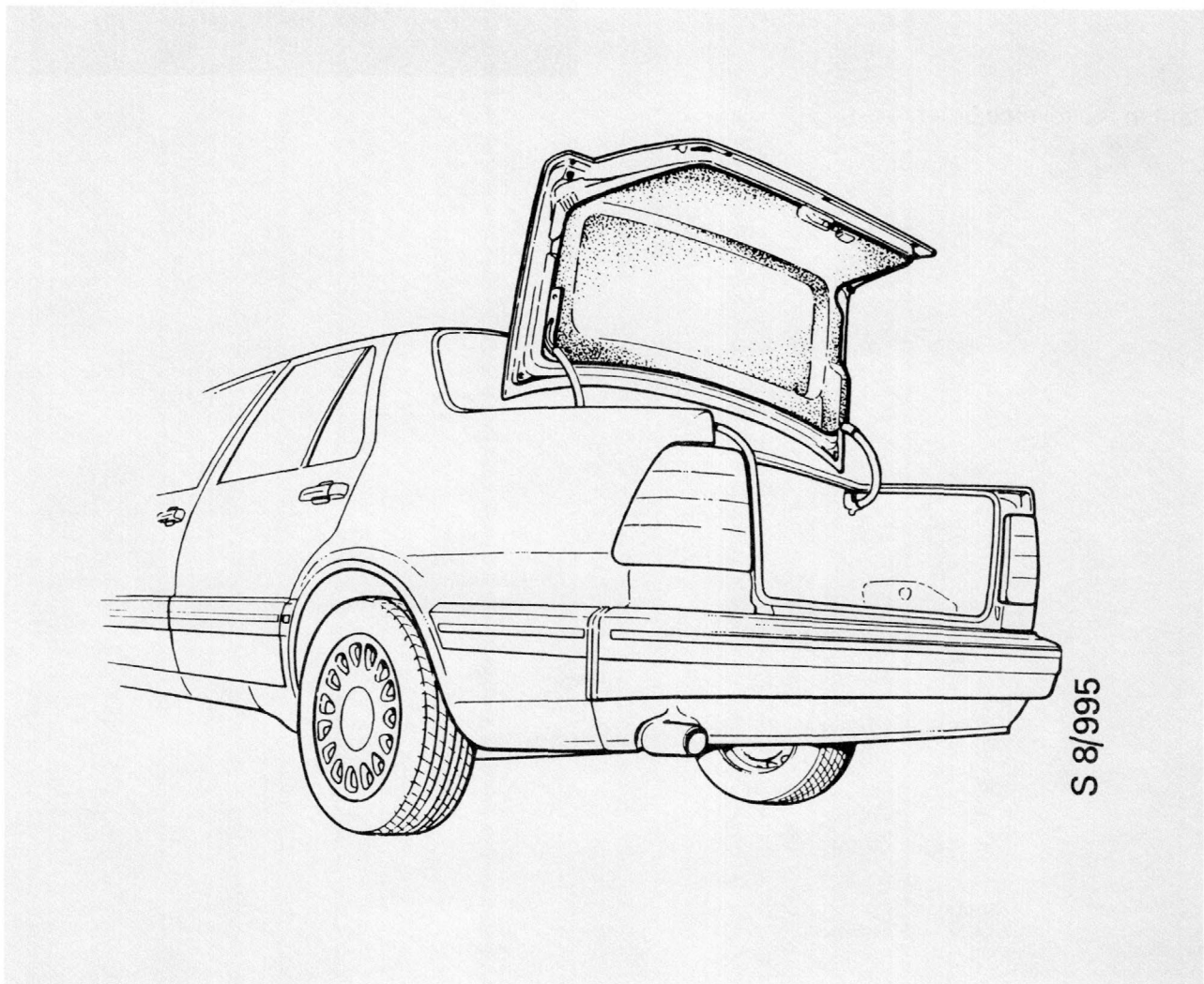
- 3 Remove the parcel shelf screws. Lift out the shelf and (where applicable) remove the high-level brake light.



Refit in the reverse order

Trunk lid trim

- 1 Remove the inside handle.
- 2 Remove the trim.
- 3 Refit the trim.
- 4 Refit the inside handle.

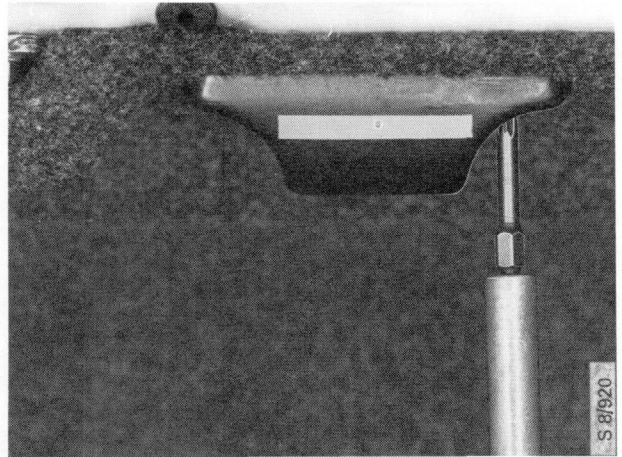


S 8/995

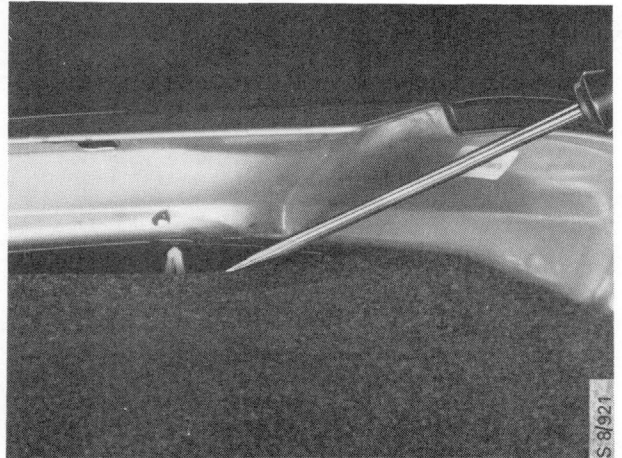
Trunk lid trim

To remove/refit

- 1 Remove the inside handle.



- 2 Release the fasteners and remove the trim.



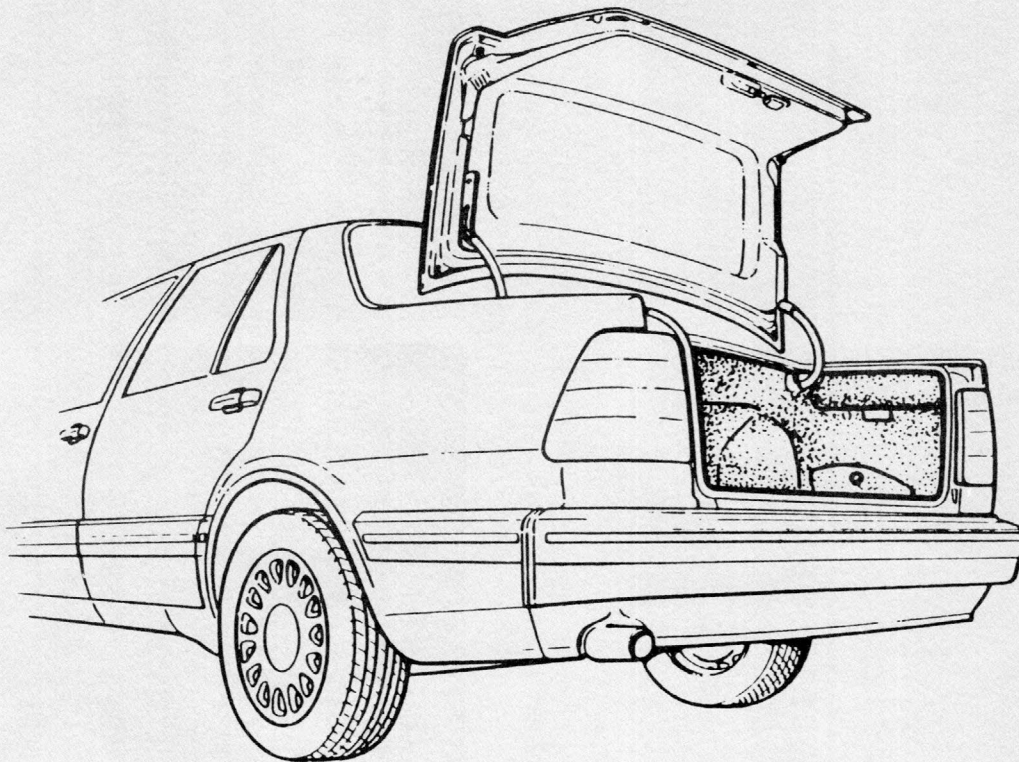
Refit in the reverse order.

Trunk side trim

- 1 Fold the seat cushion forward.
- 2 Remove the backrest.
- 3 Bend back the rear-door sill scuff plate.
- 4 Remove the floor retaining rail.
- 5 Ease off the door trim seal.
- 6 Remove the rear light units.
- 7 Remove the trunk sill scuff plate.
- 8 Remove the trunk floor.
- 9 LH side:
Remove the electric antenna and quick-release fasteners.

RH side:
Remove the tool tray, air outlet grille, courtesy light and quick-release fasteners.
- 10 Release the side trim retaining rail.
- 11 Lift out the trim.
- 12 Reposition the trim.
- 13 Refit the side trim retaining rail.
- 14 LH side:
Refit the electric antenna and quick-release fasteners.

RH side:
Refit the tool tray, air outlet grille, courtesy light and quick-release fasteners.
- 15 Fit the trunk floor.
- 16 Refit the trunk sill scuff plate.
- 17 Refit the rear light units.
- 18 Refit the door trim seal.
- 19 Fit the floor retaining rail.
- 20 Fit the rear-door sill scuff plate.
- 21 Fit the backrest.
- 22 Fold back the seat cushion.

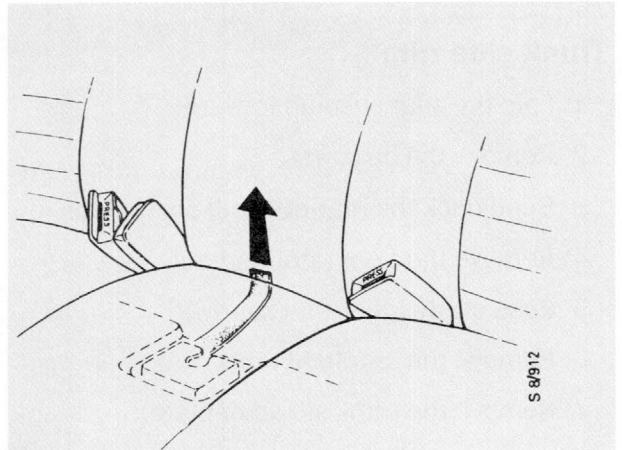


S 8/1994

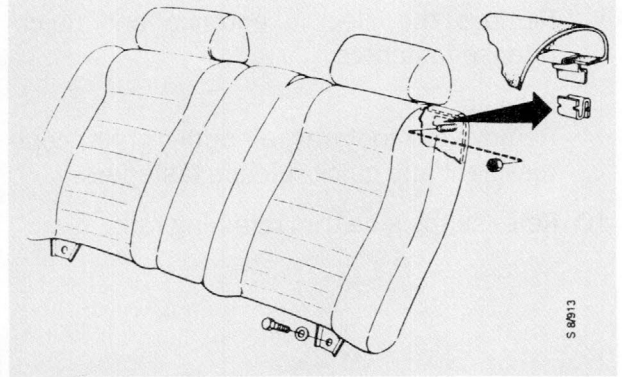
Trunk side trim

To remove/refit

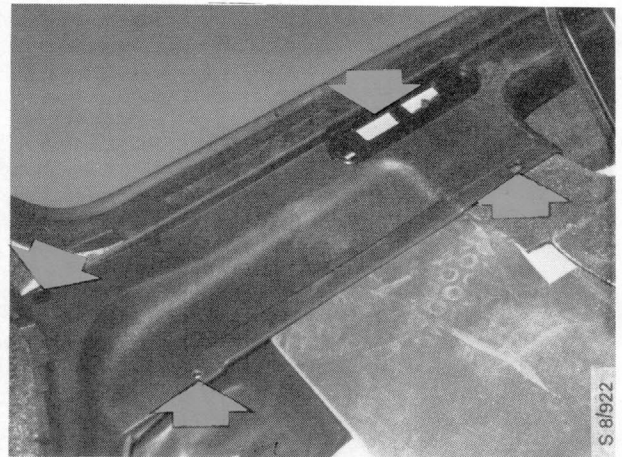
1 Fold the seat cushion forward.



2 Remove the backrest (see page 85).



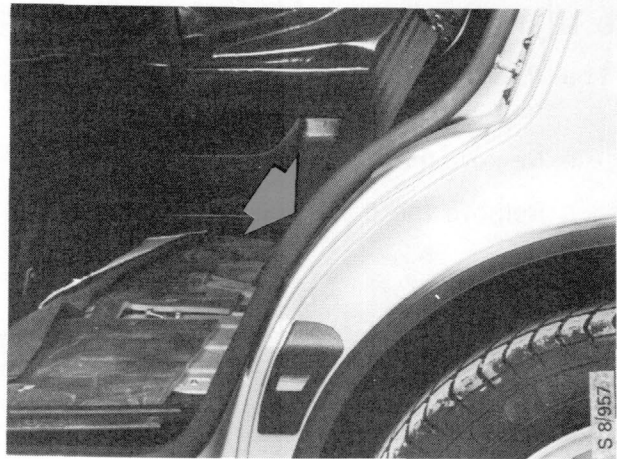
3 Unscrew the rear-door sill scuff plate (four screws) and bend it back out of way.



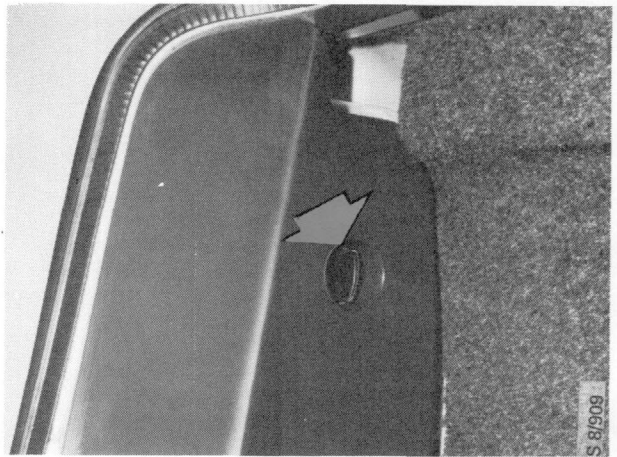
4 Remove the floor retaining rail from the back of the trunk.



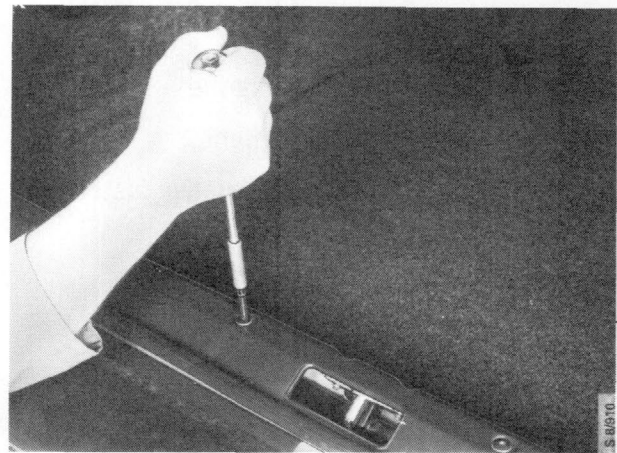
5 Ease the door trim seal away from the wheel well.



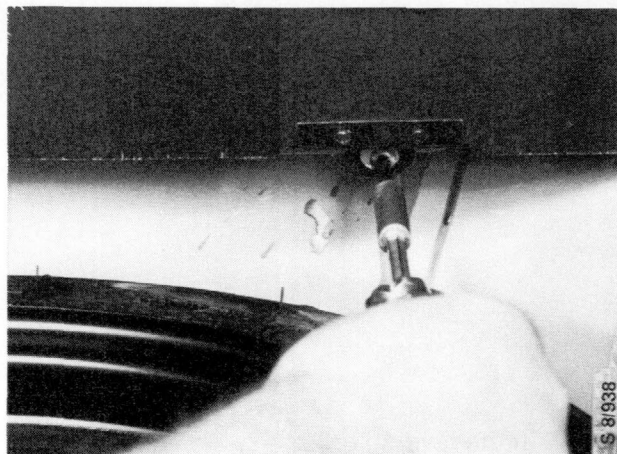
6 Remove the rear light units.



7 Remove the trunk sill scuff plate.

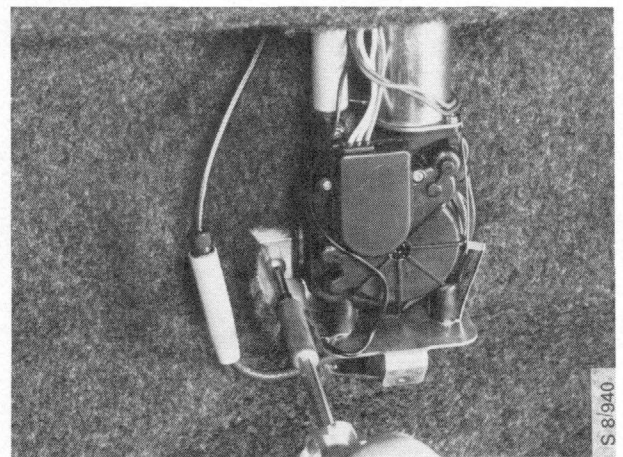
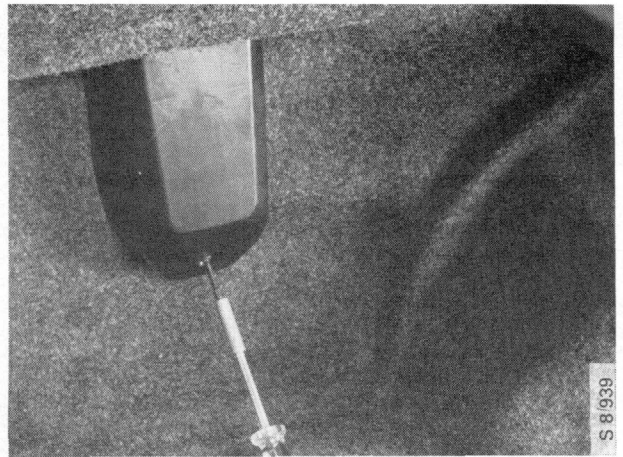


8 Unscrew the two screws and remove the trunk floor panel.



9 LH side:

- a Remove the cover from the electric antenna.
- b Remove the antenna.
- c Remove the three quick-release fasteners.



9 RH side:

- a Remove the tool tray.
- b Remove the air outlet grille.
- c Remove the courtesy light.
- d Remove the two quick-release fasteners.



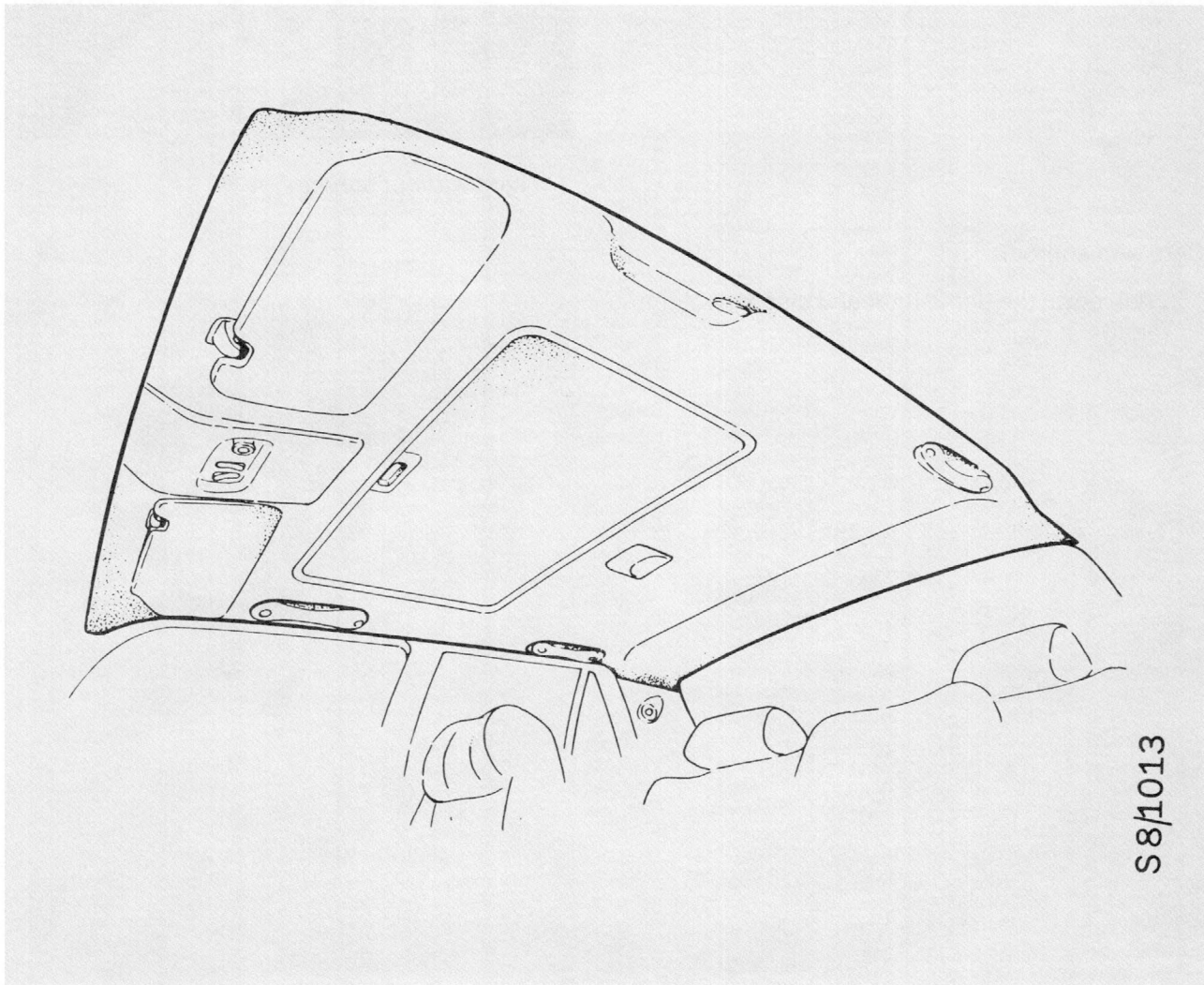
- 10 Remove the trim retaining rail and lift out the trim.



Refit in the reverse order.

Roof liner

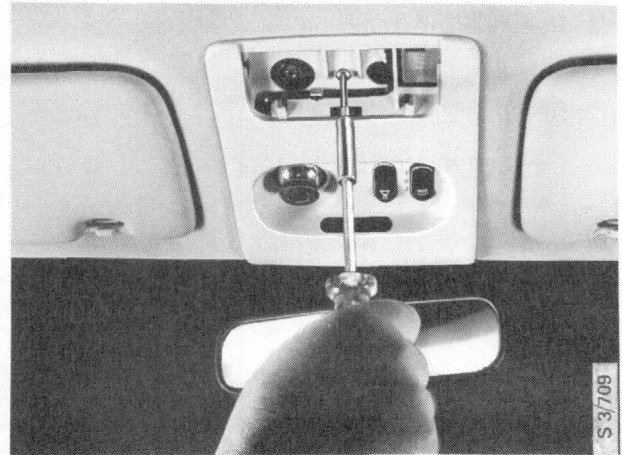
- 1 Remove the molding around the overhead switch panel.
- 2 Remove the dome light.
- 3 Ease off the top of the door trim seal on each side.
- 4 Remove the trim from the A-posts.
- 5 Remove the courtesy handle and blanks on opposite side.
- 6 Remove the RH B-post trim.
- 7 Remove the sun visors.
- 8 Cars with sunroof:
Remove the sunroof molding.
- 9 Remove the plastic fastener at the rear end of the roof liner.
- 10 Drop the front-seat backrests to the reclining position.
- 11 Lift out the roof liner.
- 12 Lift the roof liner into the car.
- 13 Return the seat backrests to the vertical position.
- 14 Refit the plastic fastener at the rear end of the roof liner.
- 15 Cars with sunroof:
Fit the sunroof molding.
- 16 Refit the sun visors.
- 17 Fit the A-post trim.
- 18 Fit the B-post trim.
- 19 Fit the courtesy handle and blanks on the opposite side.
- 20 Refit the door trim seals.
- 21 Refit the dome light.
- 22 Refit the molding around the overhead switch panel.



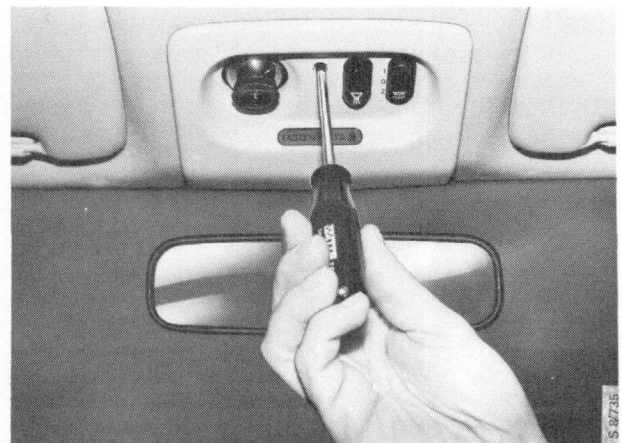
Roof liner

To remove/refit

- 1 Remove the molding around the roof liner switch panel.



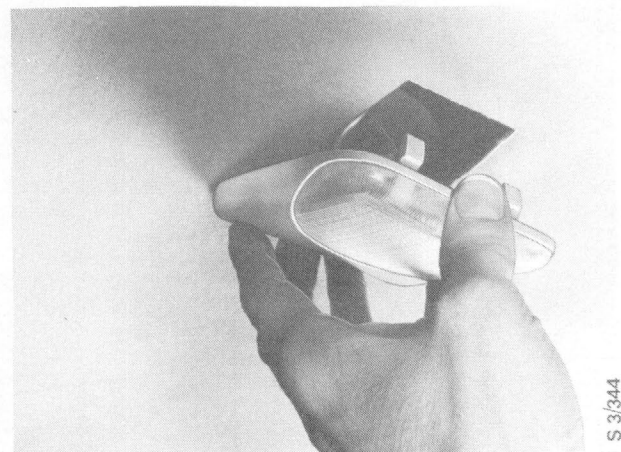
On cars with sunroof



On cars without sunroof

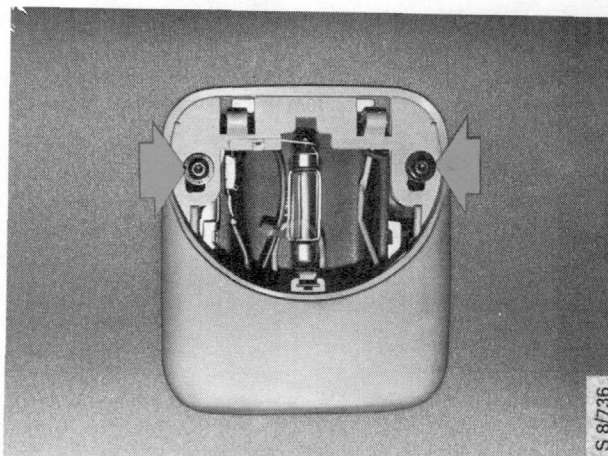
Cars with sunroof:

- 2 Pull down the dome light and disconnect the leads.

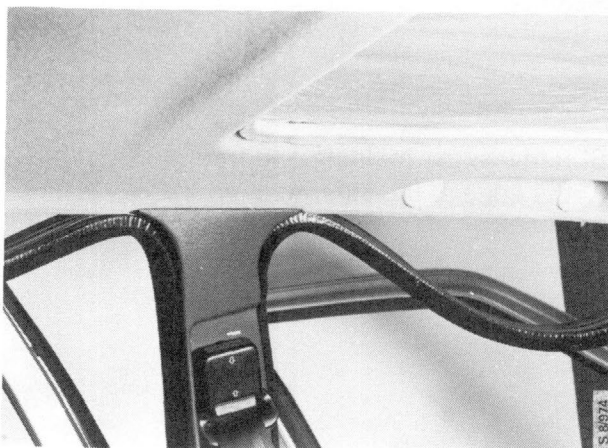


Cars without sunroof:

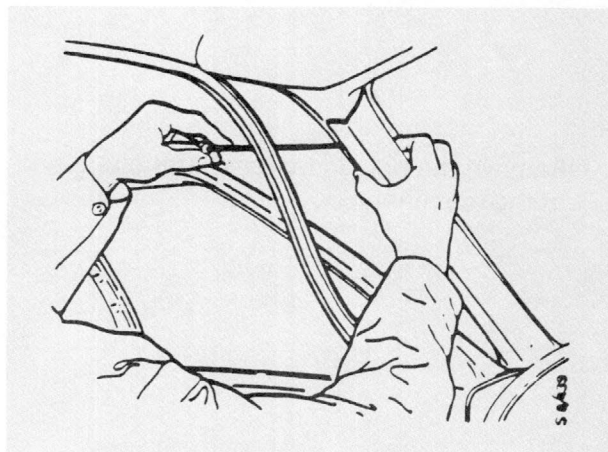
- 2 Remove the glass from the dome light fitting, remove the screws, pull down the fitting and disconnect the electrical leads.



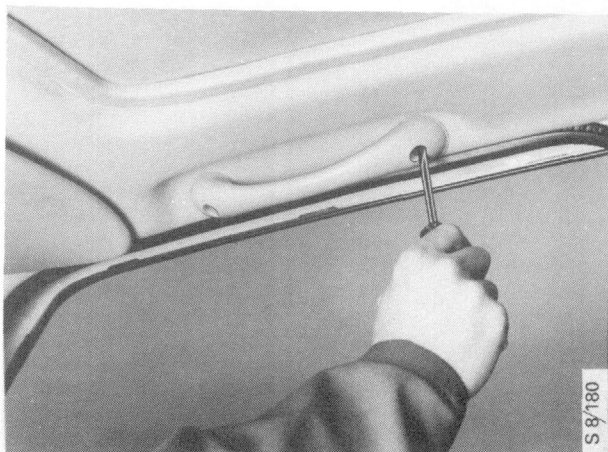
- 3 Ease off the top of the door trim seal on each side.



- 4 Remove the trim from the A-posts.



- 5 Remove the courtesy handle and blanks on the opposite side.



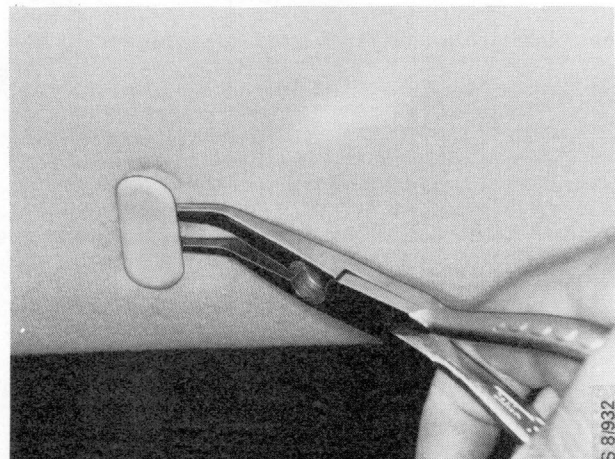
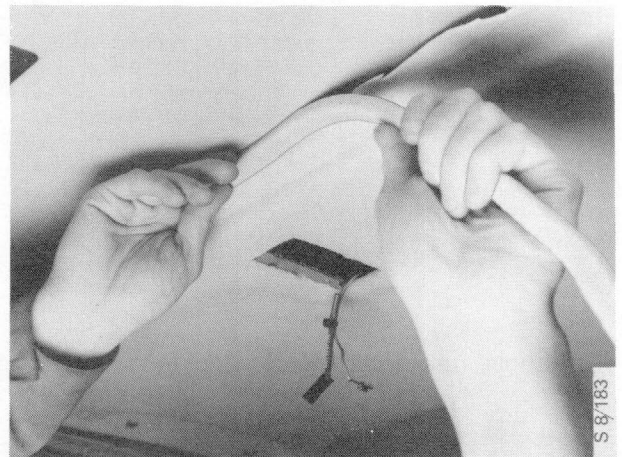
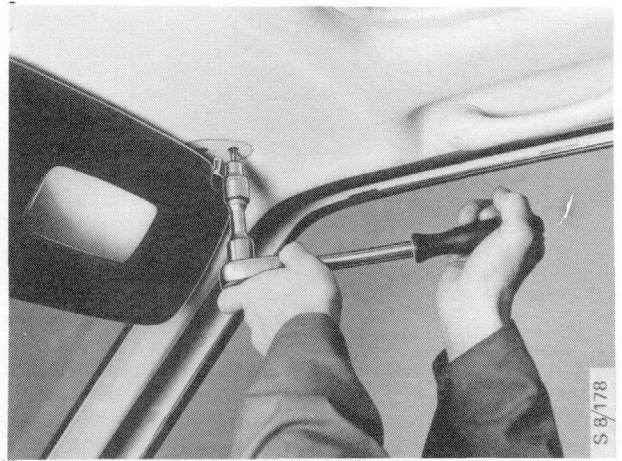
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- 6 Remove the RH sill scuff plate, seat-belt mounting and trim from the RH B-post (see "To replace the B-post trim" in section 8:2 of the Manual).
- 7 Remove the sun visors.

Cars with sunroof:

- 8 Remove the molding and free the trim from the edge of the sunroof aperture.

- 9 Remove the plastic fastener at the rear end of the roof liner.



- 10 Slide the front passenger seat forward and drop the backrests of both seats to the reclining position.

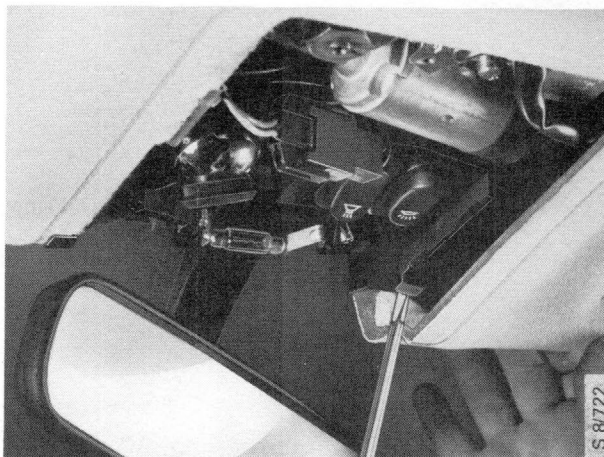
Cars with manual transmission:
Engage first gear.

Cars with automatic transmission:
Move the selector lever to the P position.

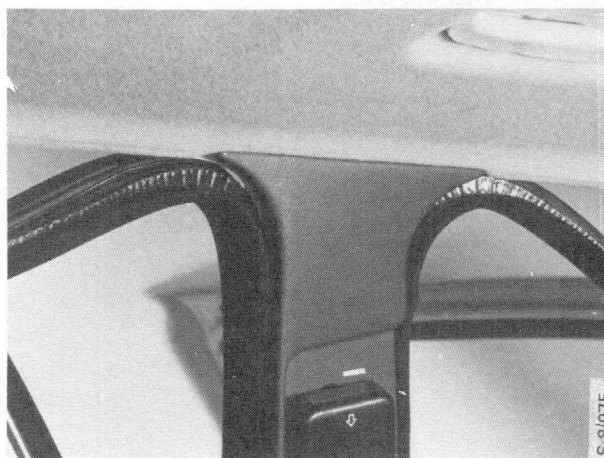


- 11 Lift out the roof liner as follows:

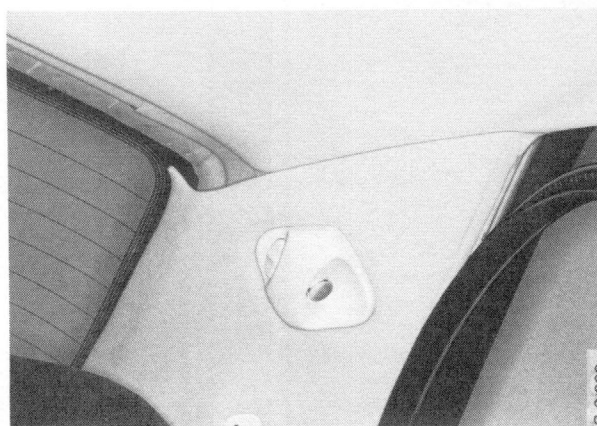
Release the roof liner at the overhead switch panel and pull down the leading edge.



Release the roof liner from the trim on the LH B post.



Slide the roof liner forward to release it from the trim at the C-post.



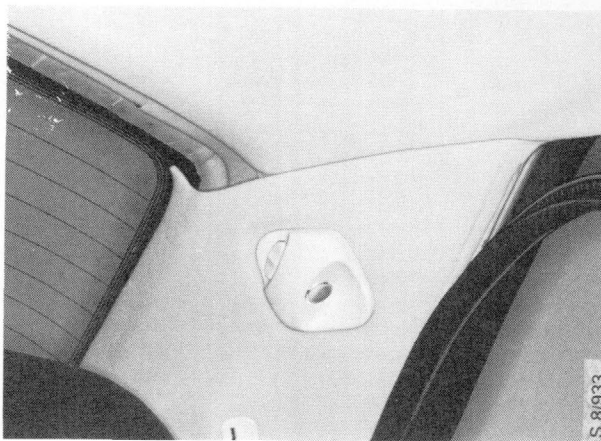
With the aid of another person, lift the roof liner out through the front passenger door.



12 With the aid of another person, lift the roof liner into the car.



Slide the roof liner into position behind the trim on the C-posts. Make sure that the leads for the dome light are accessible through the hole in the roof liner.



Support the roof liner on the LH B-post.



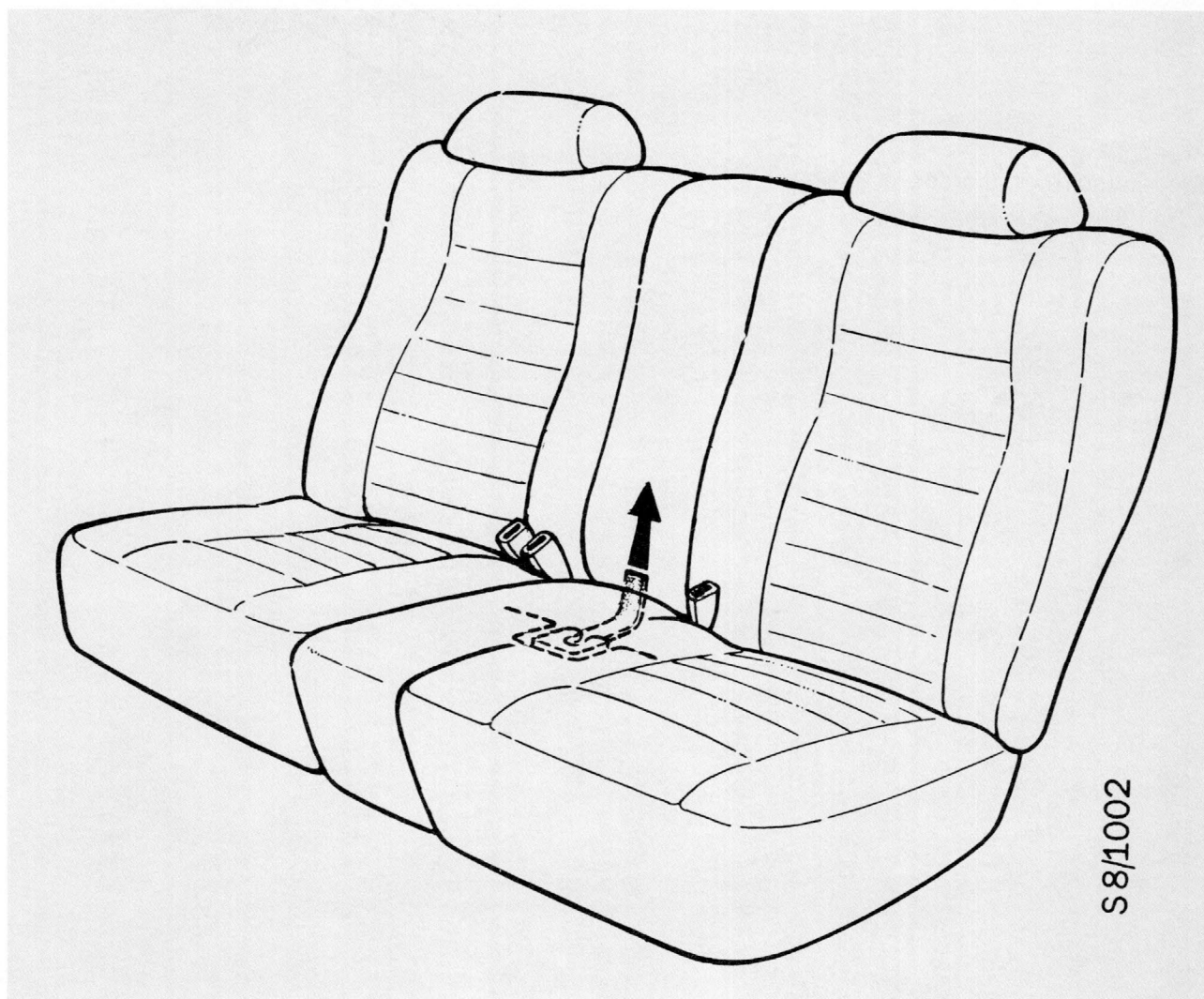
Fit the roof liner at the overhead switch panel.



Refit the remaining parts and fold the seat backrests back to the vertical position.

Rear-seat cushion

- 1 Fold the seat cushion forward.
- 2 Remove the seat cushion.
- 3 Refit the seat cushion.
- 4 Fold the cushion back.

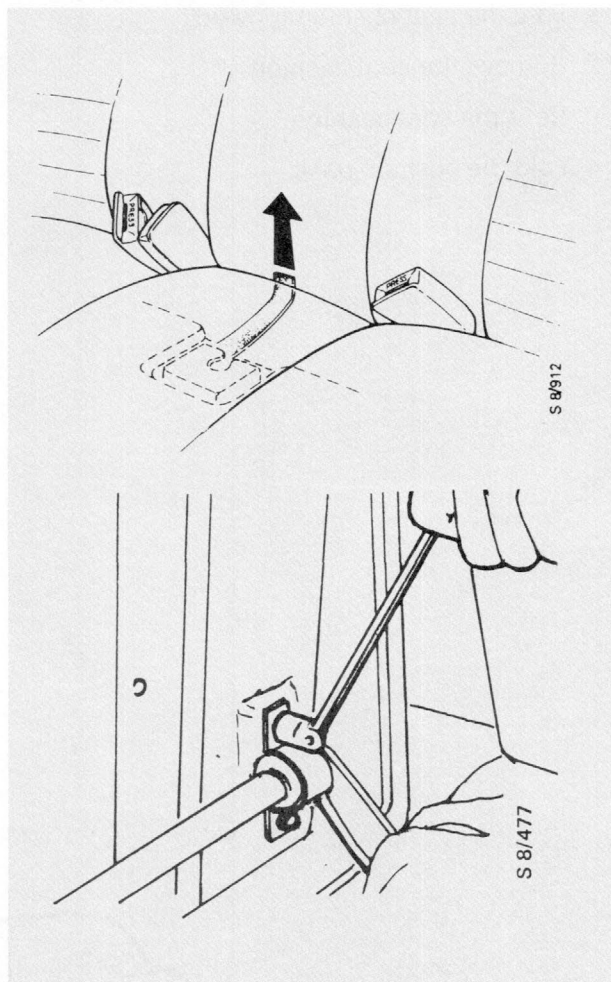


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Rear-seat cushion

To remove/refit

- 1 Fold the seat cushion forward.

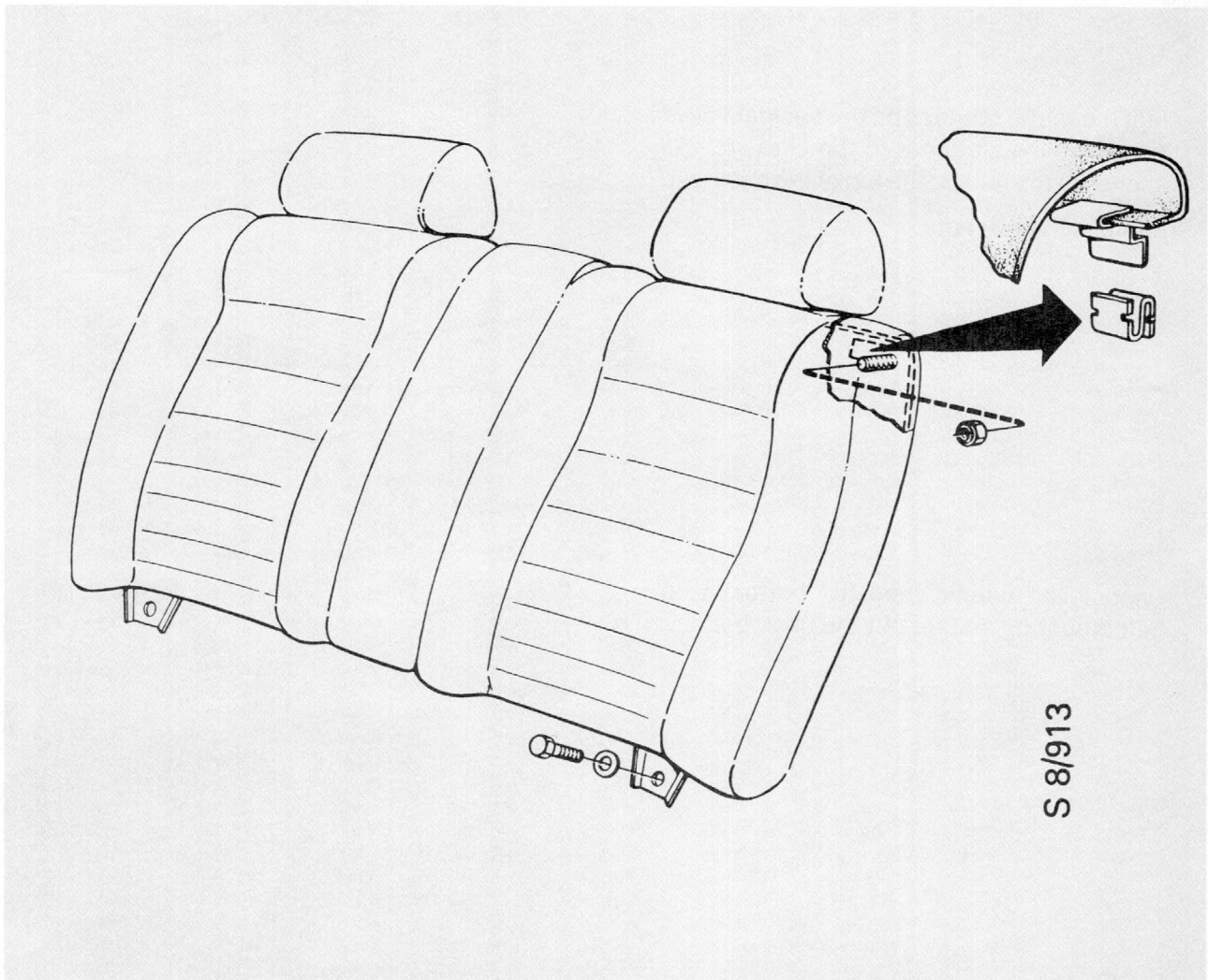


- 2 Remove the hinge screws and the cushion.

Refit in the reverse order.

Rear-seat backrest

- 1 Fold the seat cushion forward.
- 2 Remove the backrest.
- 3 Refit the backrest.
- 4 Fold the seat cushion back.



Rear-seat backrest

To remove/refit

- 1 Fold the seat cushion forward.

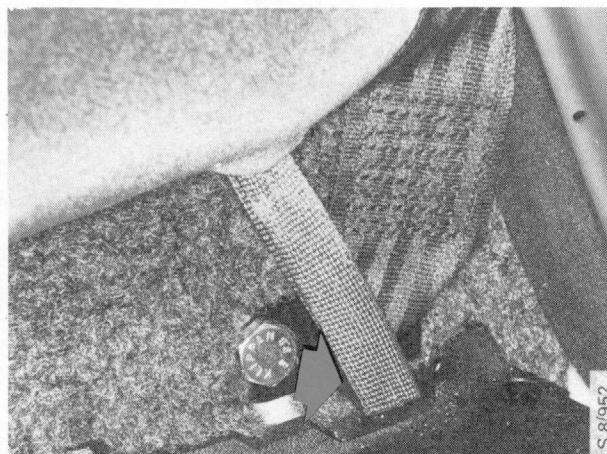
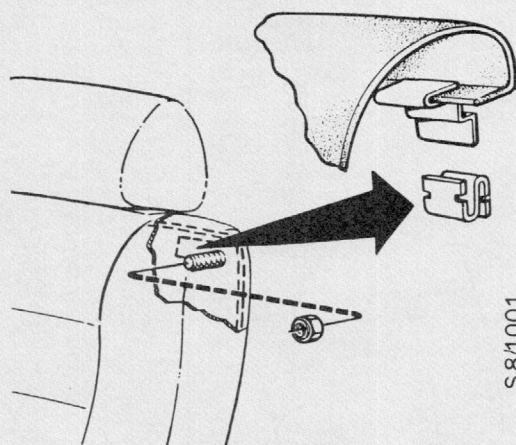
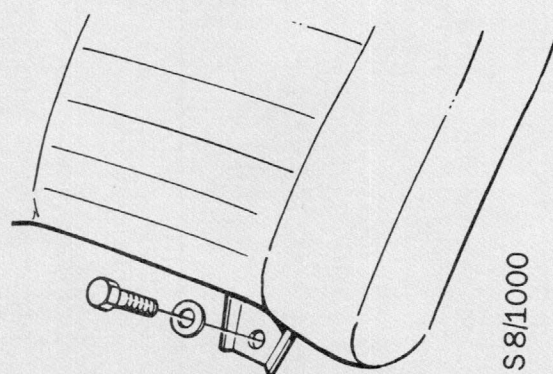
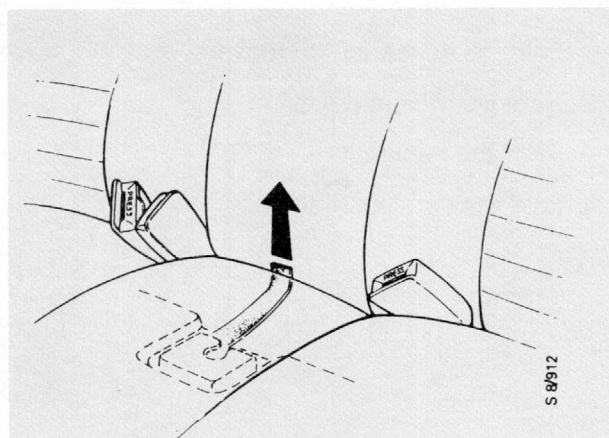
- 2 Remove the backrest as follows:
Remove the bolts in the bottom of the backrest (one on each side).

Pull the metal tongues on the backrest cover (one on each side) out of the clips, to gain access to the nuts at the top of the backrest.

Remove the two nuts.

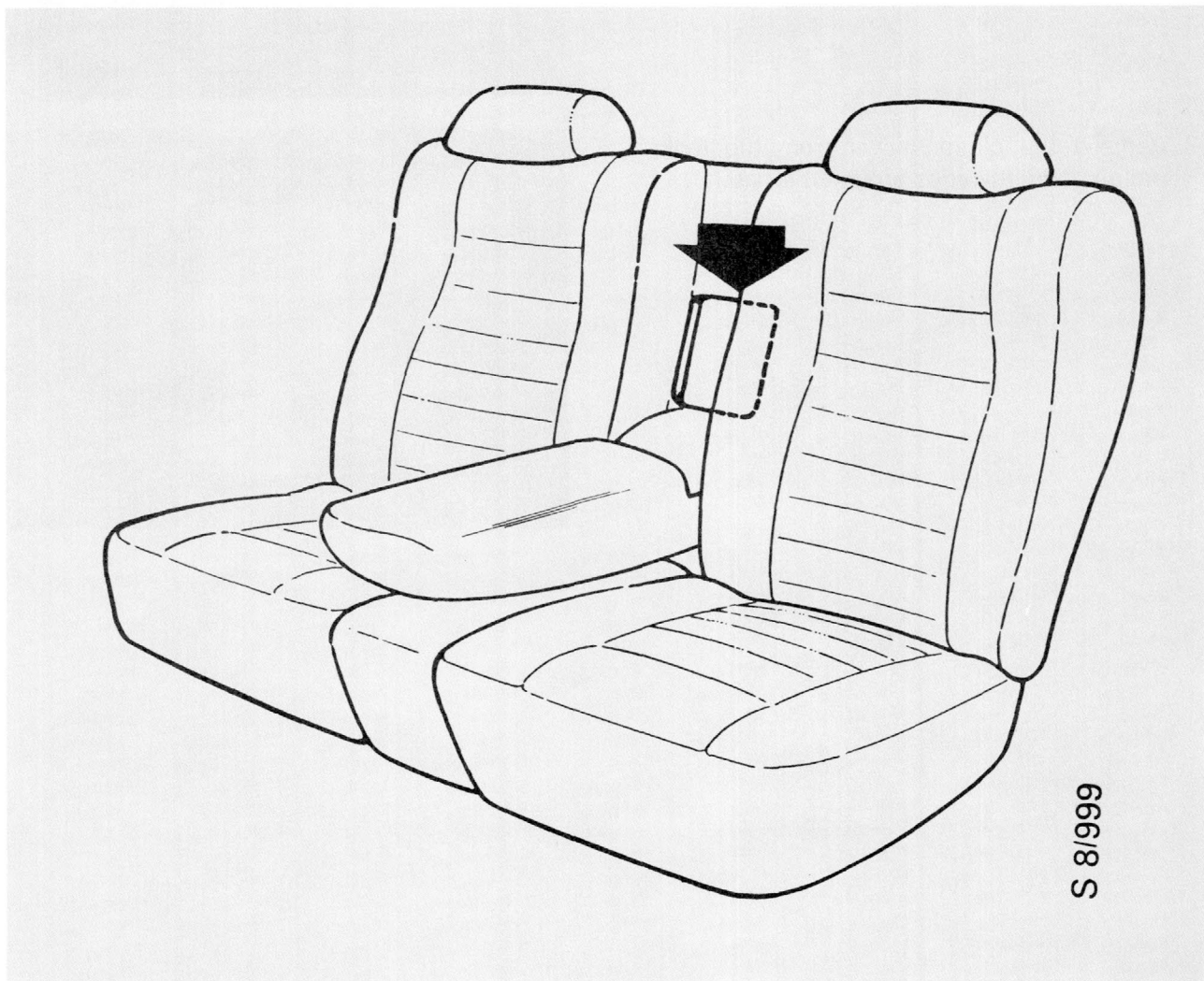
Unhook the elastic from the bottom seat-belt mounting and lift out the backrest.

Refit in the reverse order.



Lock for rear-seat hatch

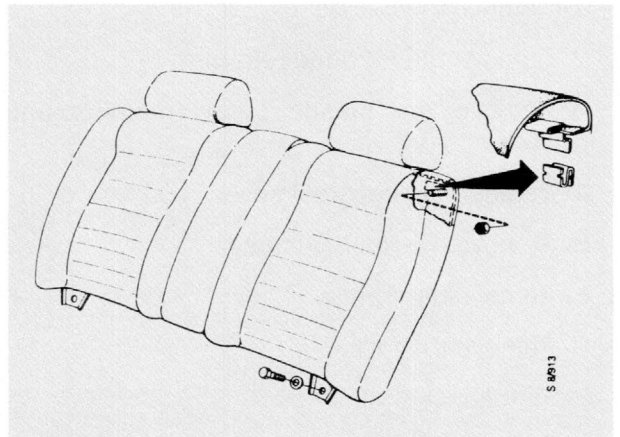
- 1 Remove the backrest.
- 2 Remove the RH head restraint.
- 3 Remove the plastic cover, molding and clips.
- 4 Release the backrest cover.
- 5 Remove the foam padding.
- 6 Remove the frame.
- 7 Remove the lock.
- 8 Fit the lock.
- 9 Refit the frame, foam padding, backrest cover and head restraint.
- 10 Fit the backrest.



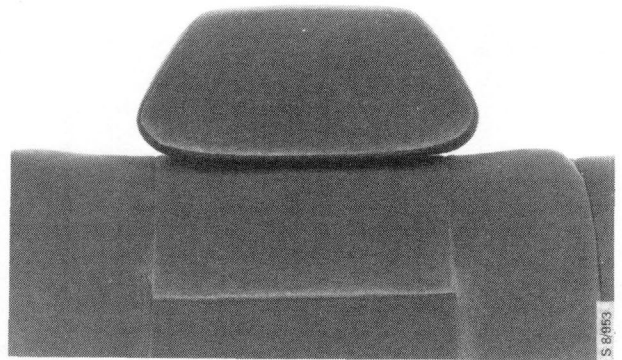
Lock for rear-seat hatch

To remove/refit

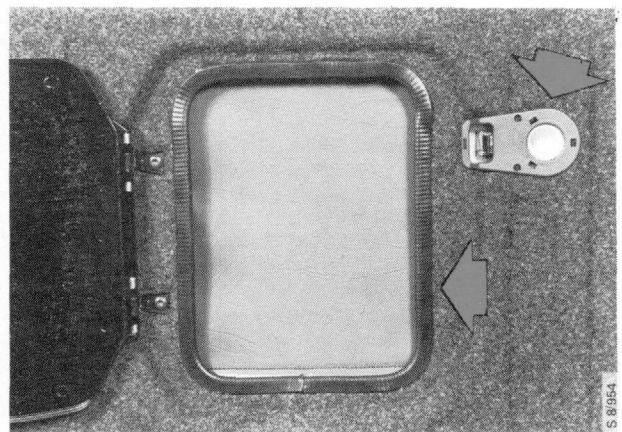
- 1 Remove the backrest from the car (see page 85).



- 2 Remove the RH head restraint and guide sleeve (see section 8:2, subsection 852 of the Manual).



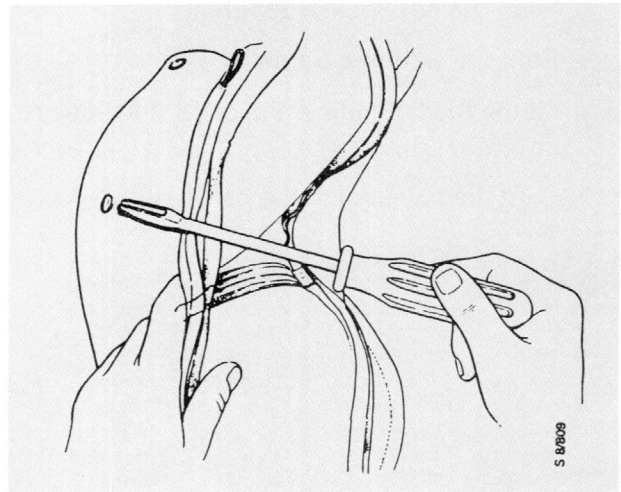
- 3 Remove the plastic cover from the lock, molding and the clips around the hatch.



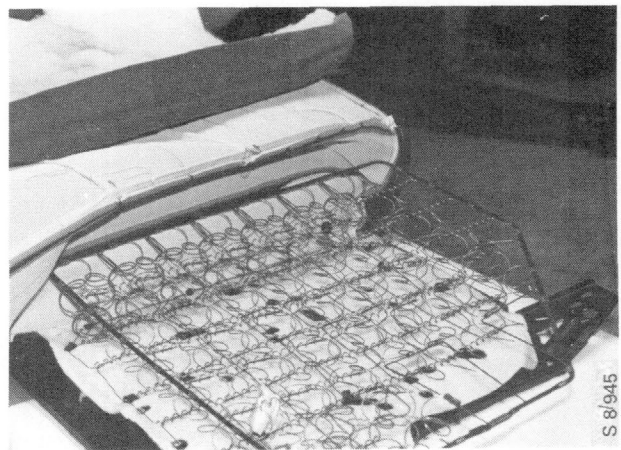
- 4 Free the RH side of the cover from the backrest panel as follows:

Ease the rib on the edge of the cover out of the retaining groove all the way around the backrest.

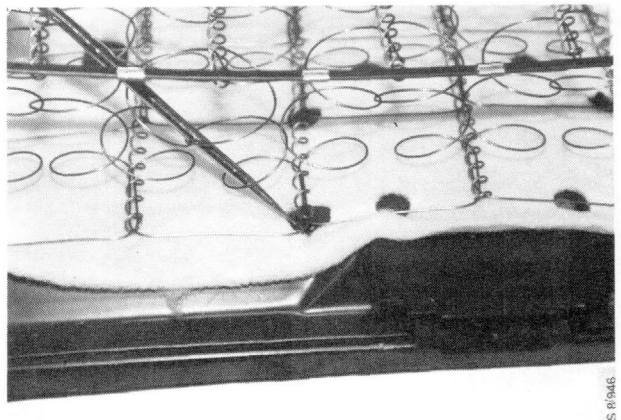
Release the hooks and wire clips securing the cover, and the drawstrings (use tool 84 71 096 and note which one goes where).



- 5 Remove the foam padding.

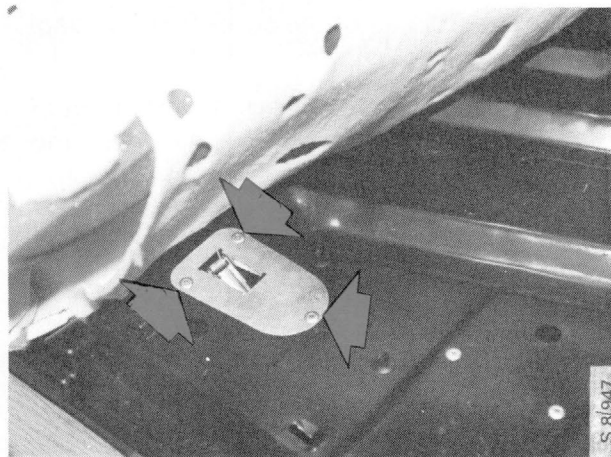


- 6 Pry the staples open and remove the webbing frame from the backrest panel.



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7 Drill out the three rivets.



8 Rivet the new lock in position.

9 Refit the webbing frame.

Fit the foam padding, the cover and head restraint.

10 Refit the backrest in the car.

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