

AVANTIME

7 Trim and upholstery

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EDITION ANGLAISE

"The Repair Steps given by the manufacturer in this document are based on the technical specifications current when it was prepared.

The steps may be modified as a result of changes introduced by the manufacturer in the production of the various component units and accessories from which his vehicles are constructed."

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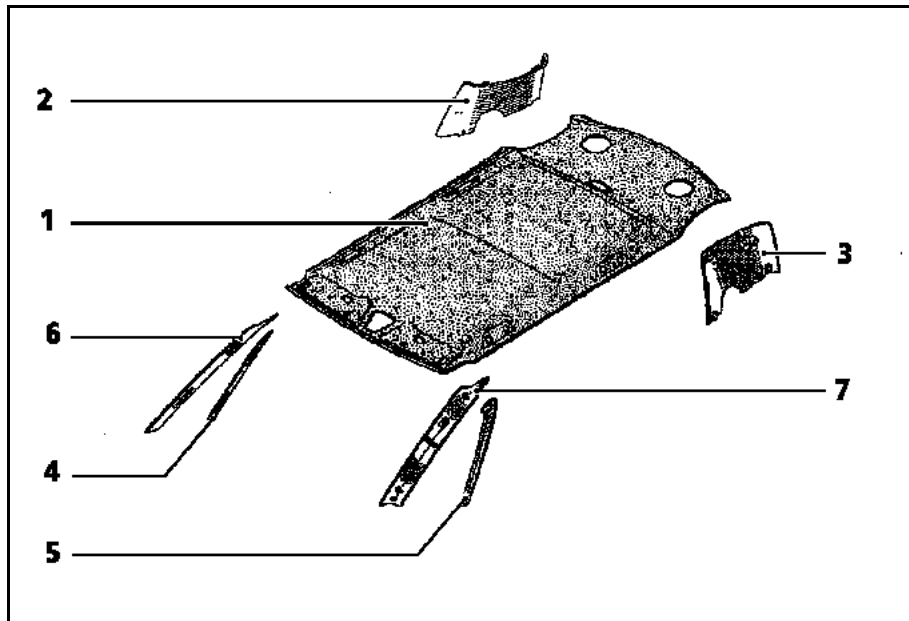
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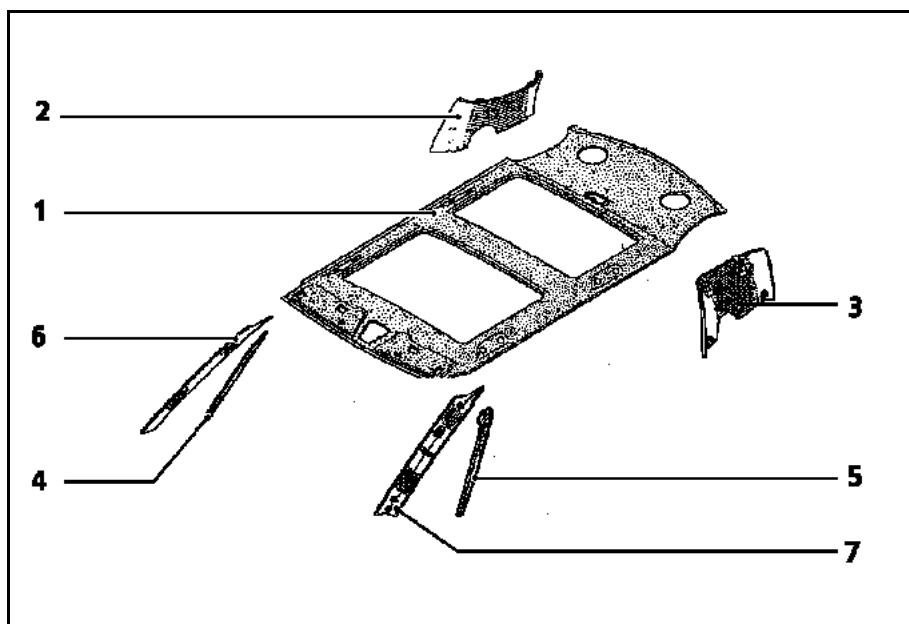
Trim and upholstery

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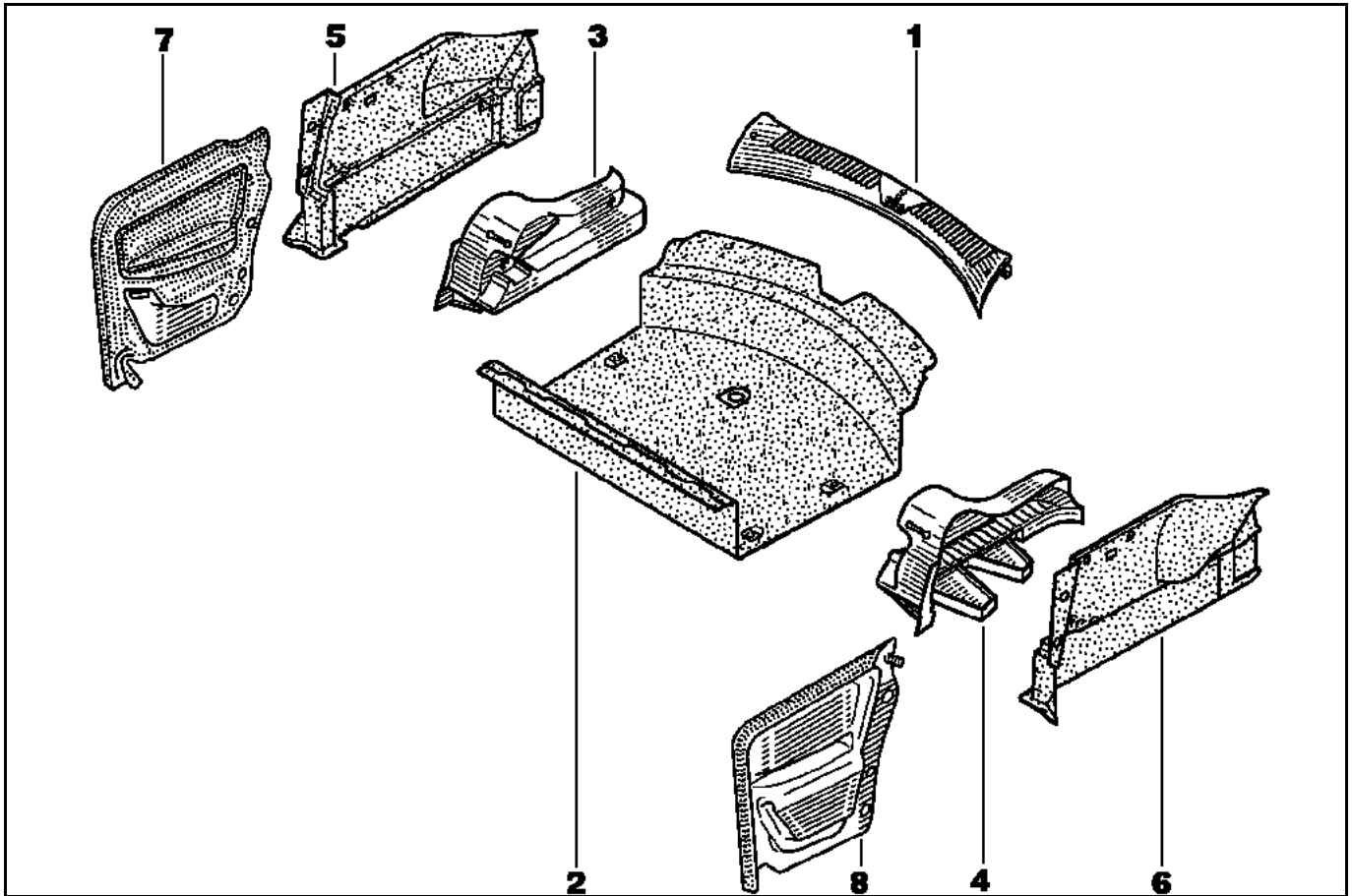
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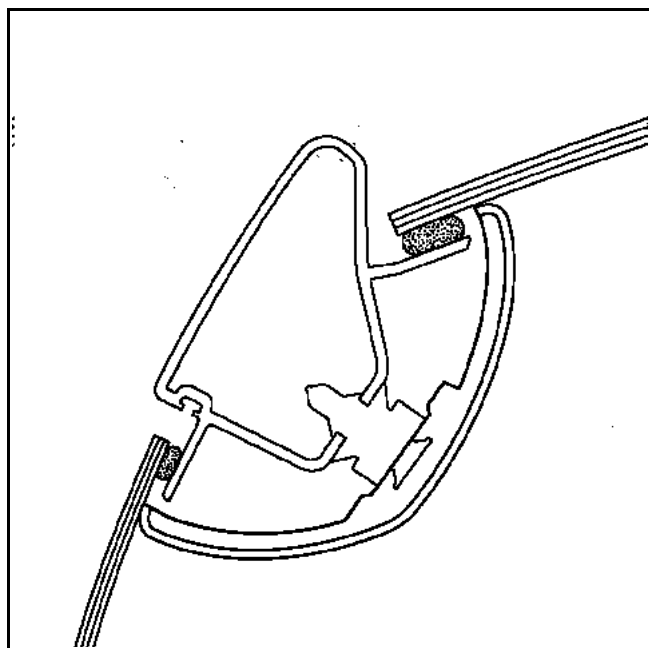
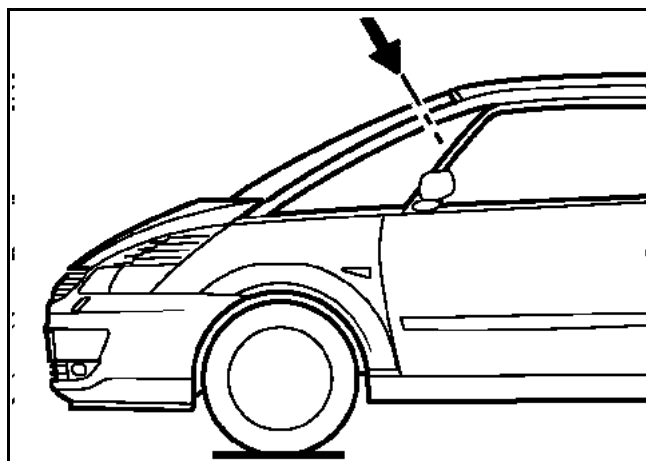
- 1 Trim for roof without sunroof
- 2 Right quarter panel trim
- 3 Left quarter panel trim
- 4 Right dummy deflector pillar trim
- 5 Left dummy deflector pillar trim
- 6 Right windscreen pillar trim
- 7 Left windscreen pillar trim



- 1 Trim for roof with sunroof
- 2 Right quarter panel trim
- 3 Left quarter panel trim
- 4 Right dummy deflector pillar trim
- 5 Left dummy deflector pillar trim
- 6 Right windscreen pillar trim
- 7 Left windscreen pillar trim



- 1 Luggage compartment rim
- 2 Luggage compartment lining
- 3 Right rear parcel shelf mounting
- 4 Left rear parcel shelf mounting
- 5 Right wheel arch trim
- 6 Left wheel arch trim
- 7 Lower rear right trim
- 8 Lower rear left trim

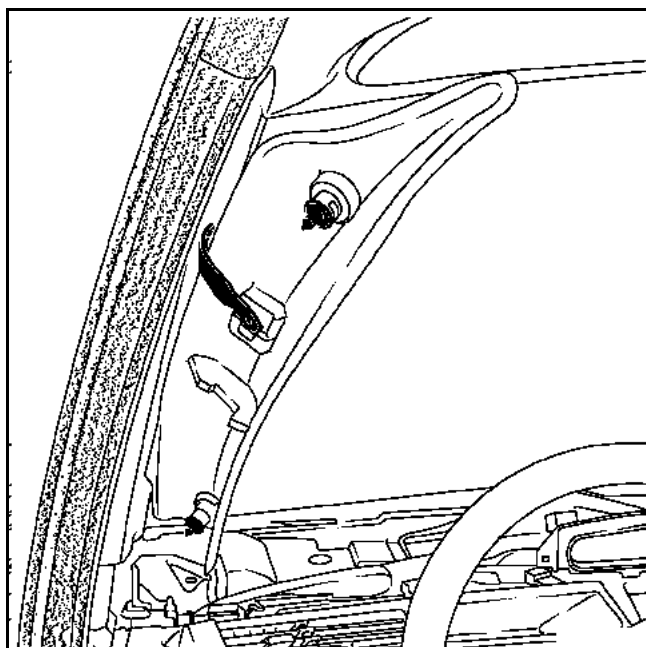


REMOVAL

Remove the front shelf of the dashboard and the dummy deflector demister outlet (see **Section 57**).

Pull towards the vehicle interior to unclip the mountings.

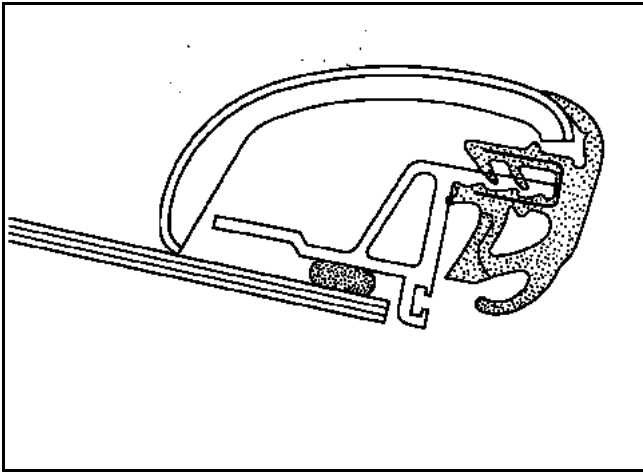
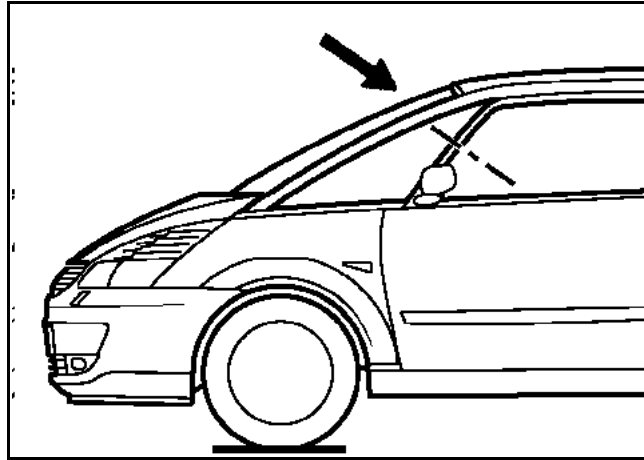
Unscrew the trim retaining strap, (**safety measure in case of curtain air bag triggering**).



REFITTING

IMPORTANT: when refitting the windscreen pillar, ensure that the curtain air bag strap is not twisted and that it runs underneath the windscreen pillar trim retaining strap.

Replace the clips with those supplied with the new part.

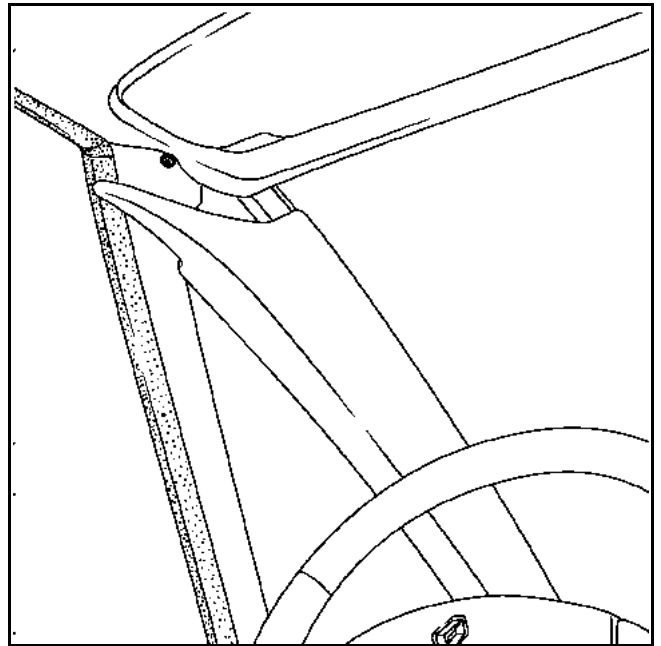


REMOVAL

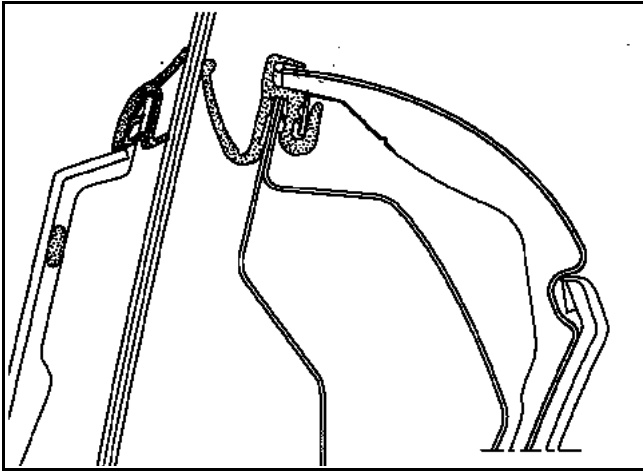
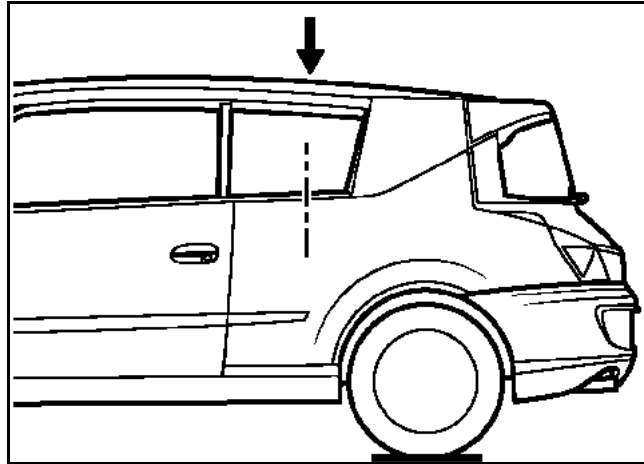
Unclip the windscreen pillar but do not remove it.

Lift the roof trim slightly.

Unscrew the bolt.



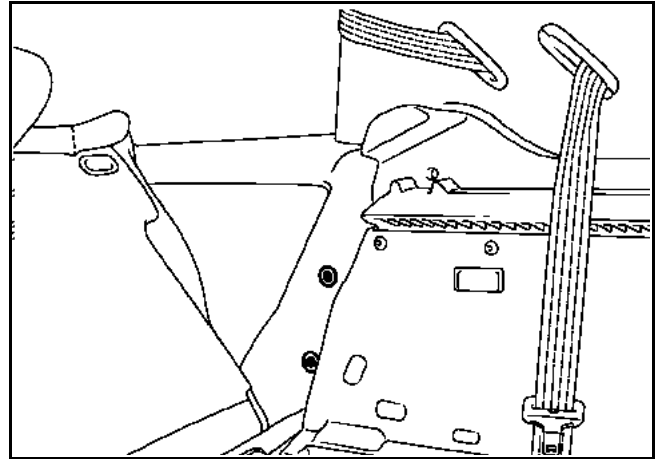
Remove the trim by pushing it upwards underneath the roof trim.



REMOVAL

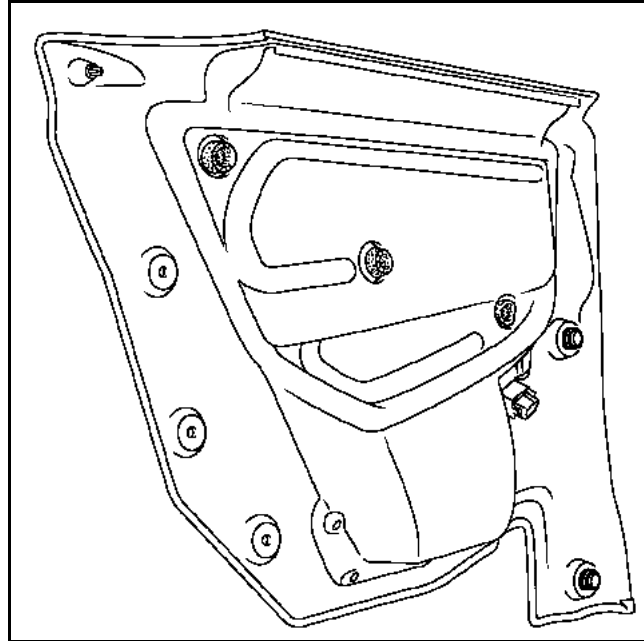
Support the bench seat on the relevant side when it is folded halfway.

Unscrew the two bolts (Torx 20).



Lower rear trim

Pull the front section of the panel slightly towards the vehicle interior in order to remove it from the lap seals and undo the two clips.



Carefully lift the lining in order to release the upper section of the window seal.

Disconnect the electric window connector.

REFITTING

Replace the sealing film.

Replace the lining, with the lip of the weatherstrip over the lining (see previous page).

BODY INTERNAL TRIMS

Luggage compartment floor lining

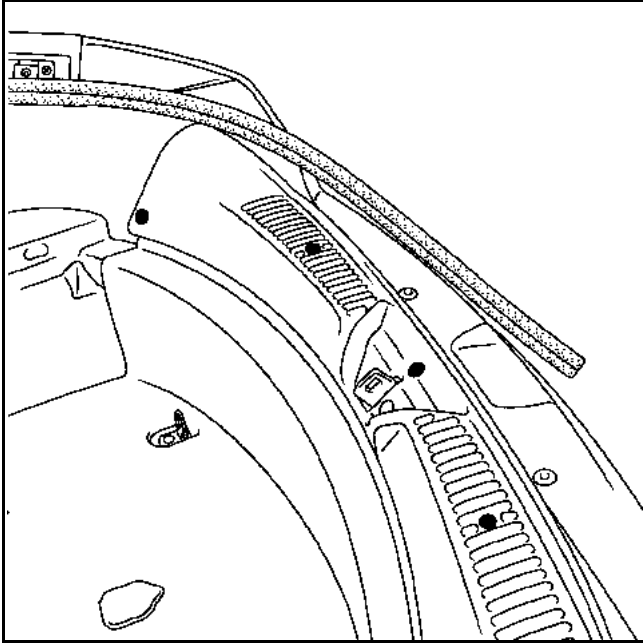
71

REMOVAL

Expose the tailgate seal.

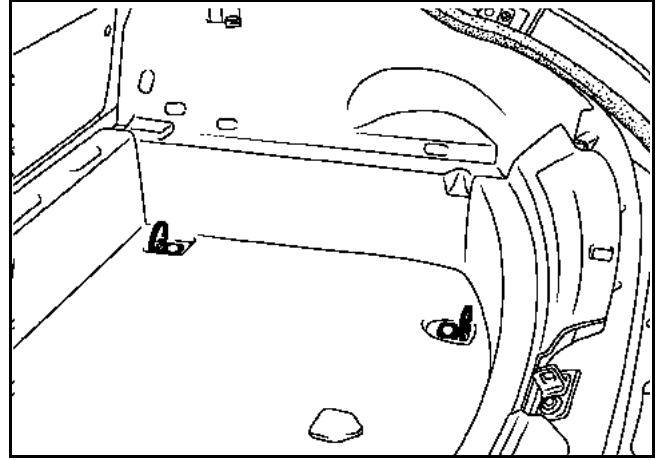
Remove the five retaining bolts on the luggage compartment rim lining (Torx **20**).

Pull upwards to unclip.



Remove the four mounting bolts for the lashing rings (Torx **30**).

Remove the luggage compartment floor lining.



REFITTING

When refitting, do not interfere with the spacers located beneath the lashing rings.

Length of the spacer for the rings situated close to the bench seat: **12.5 mm**.

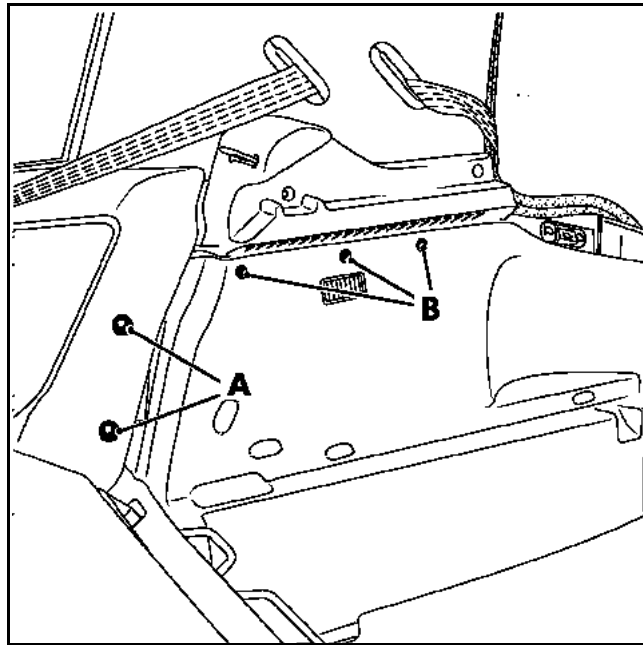
Length of the spacer for the rings situated close to the tailgate: **5.8 mm**.

Remove the luggage compartment floor lining.

REMOVAL

Remove:

- the two retaining bolts (A),
- the three christmas tree clips (B).



Disconnect the luggage compartment light.

Remove the lining by pulling it towards the rear.

REFITTING

No specifications.

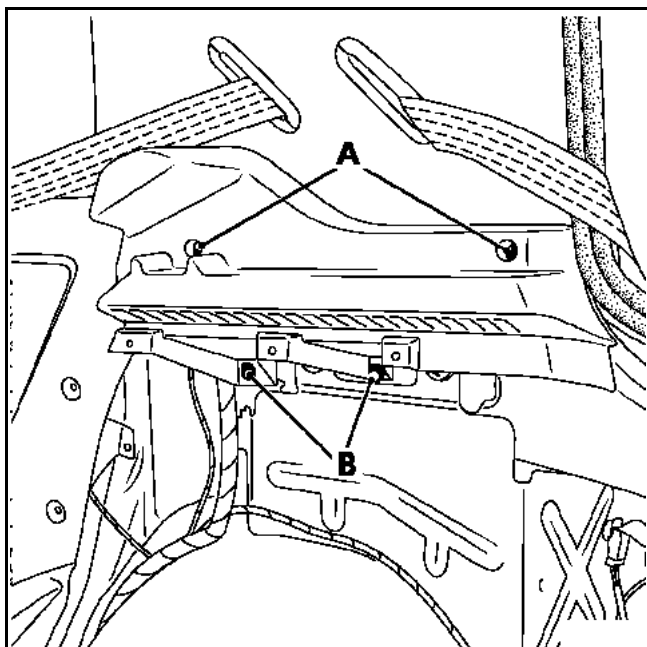
Remove:

- the luggage compartment floor lining (see page 71-8),
- the wheel arch trim (see page 71-9).

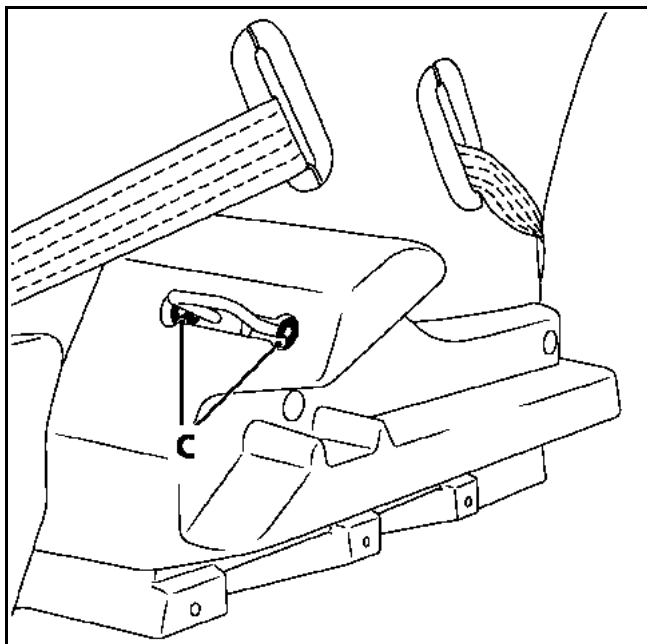
REMOVAL

Remove:

- the two side bolts (A) and the two Christmas tree clips (B) on the rear parcel shelf mounting,



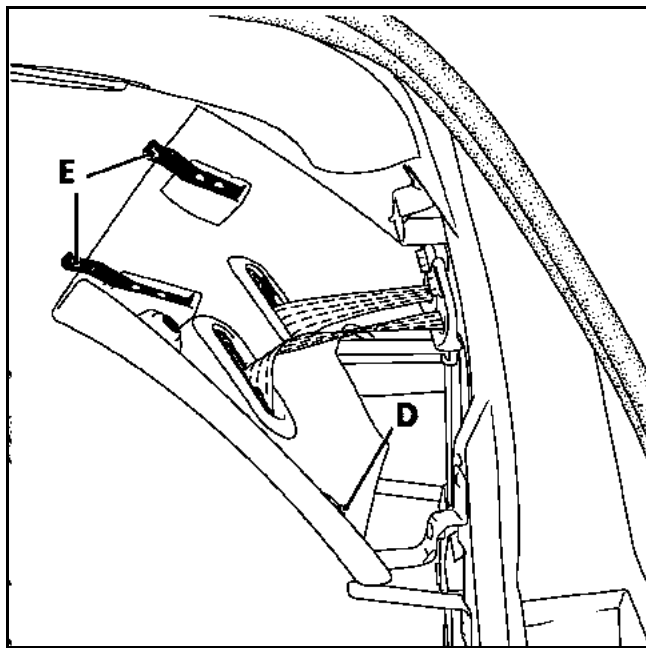
- the two mounting bolts (C) on the rear bench seat attachment ring.



Expose the tailgate seal.

Pull the lower section of the trim to unclip the mountings (D).

Release the trim downwards to free the hooks (E).



Remove the fixed section of the seat belt.

Unclip the seat belt guides.

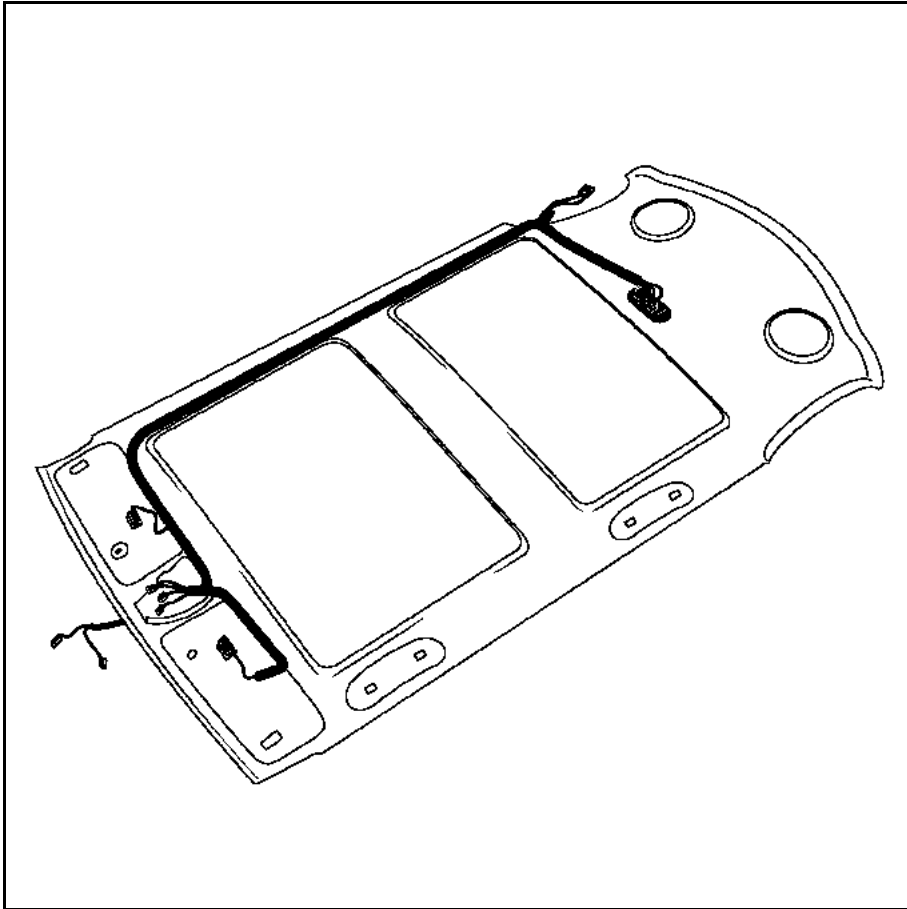
Remove the panel.

REFITTING

Proceed in the reverse order.

Carefully replace the front lap seal manually.

Test the lock on the rear bench seat to check that the attachment ring is positioned correctly.



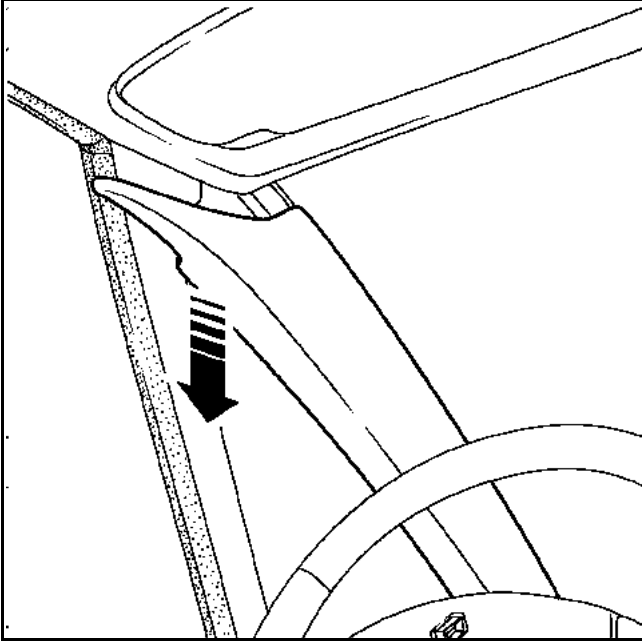
Remove in the following order:

- the lower side trims,
- the rear wheel arch trims,
- the rear parcel shelf mountings,
- the rear quarter panel linings,
- the rear speaker grilles,
- the grab handles and the spectacle holder,
- the sun visors,
- the upper roof console.

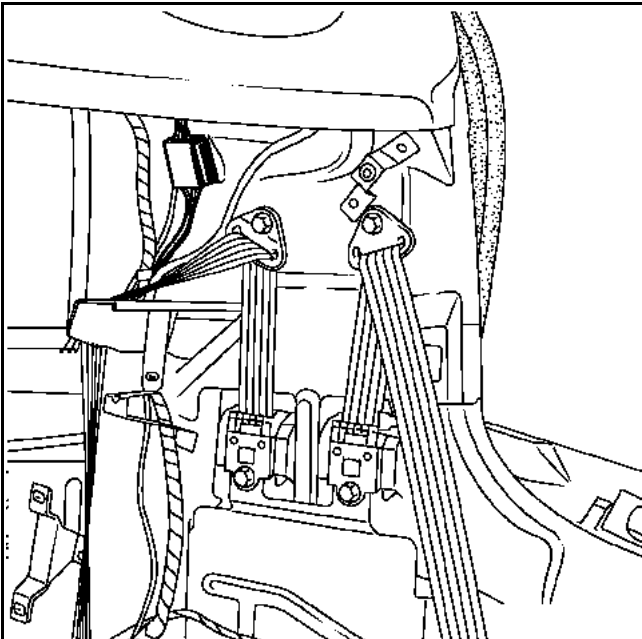
NOTE: do not remove the lights under the sun visors or the rear lights; they should remain firmly attached to the headlining.

REMOVAL

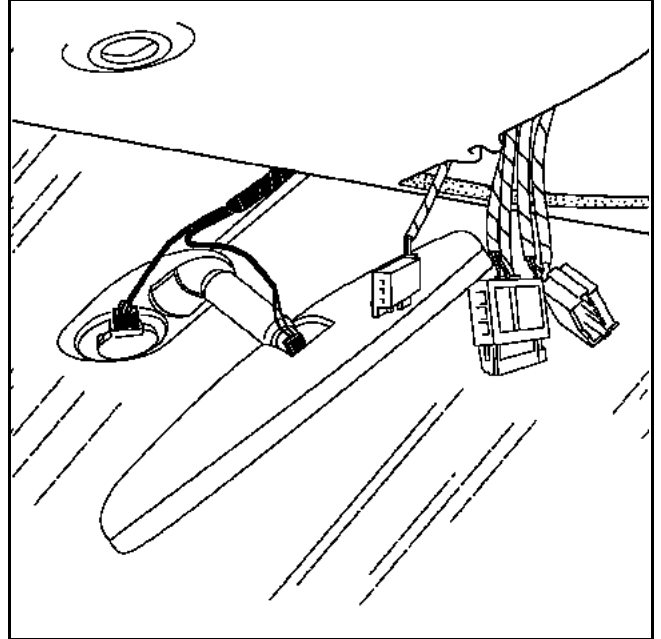
Move the windscreen pillar trims aside but do not remove them.



Disconnect the roof harness connector.



Unclip the cover and disconnect the rear-view mirror and rain sensor connector (if vehicle so equipped).



Slowly pull the trim downwards.

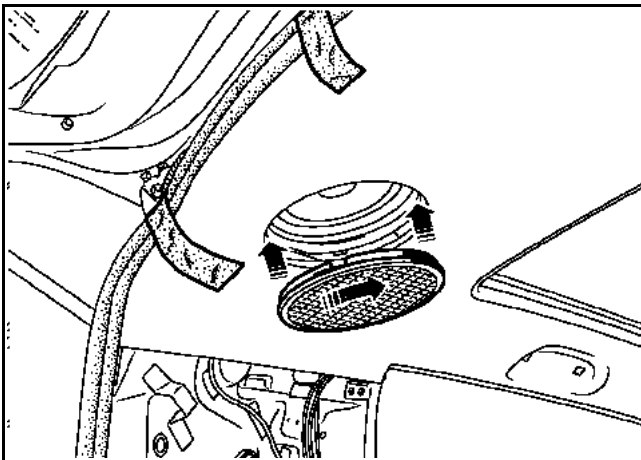
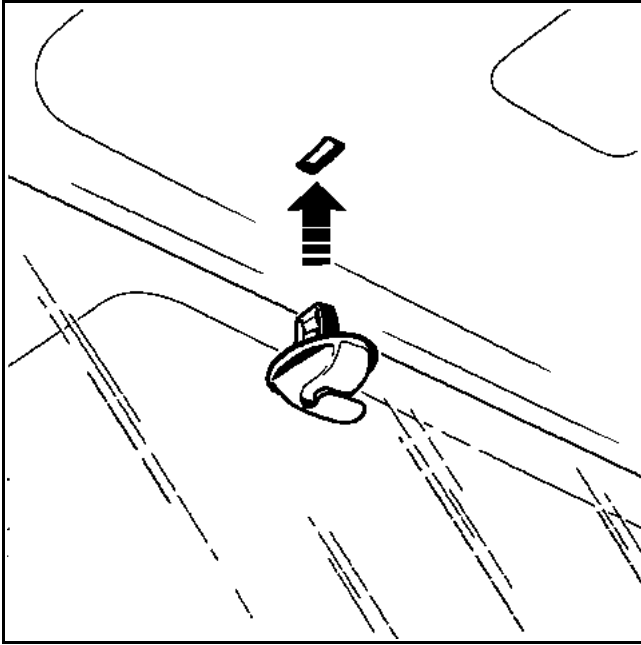
Remove the trim by the rear of the vehicle.

REFITTING

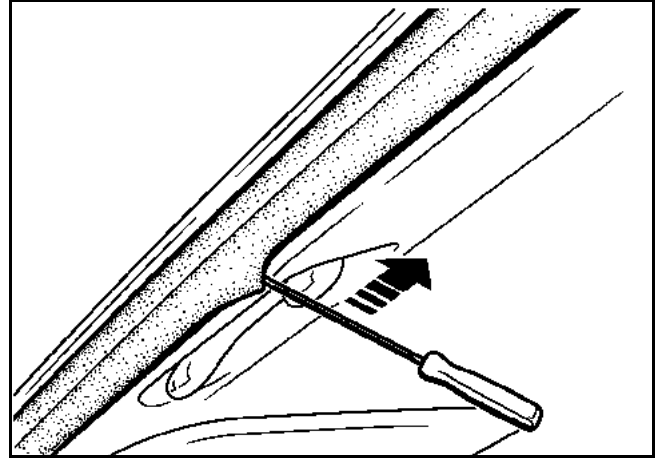
Place the trim under the roof of the vehicle and secure it in position with adhesive tape.

In order to ensure that the trim is centred correctly, **it is essential to reassemble the parts in the following order:**

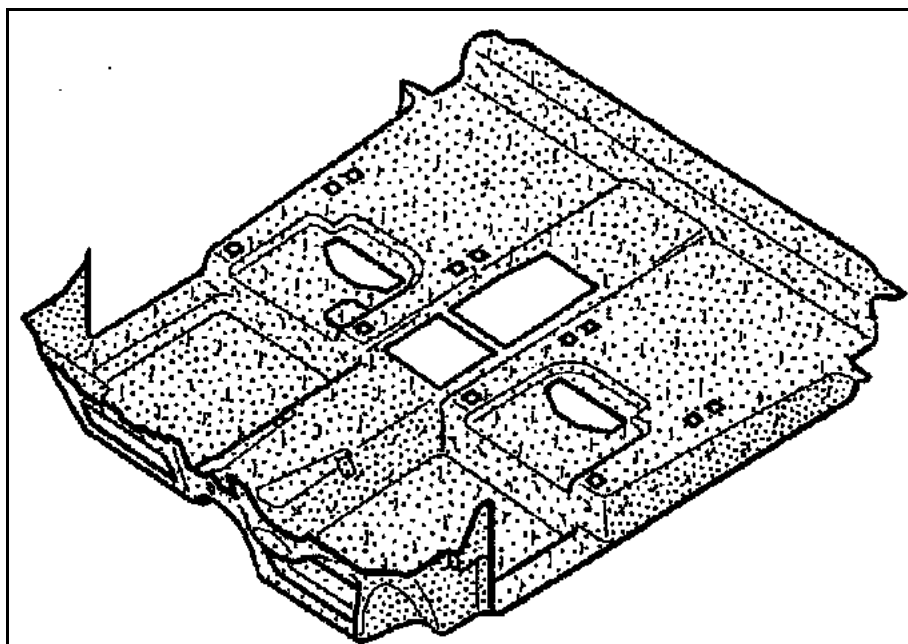
- 1) the right sun visor retaining clip.
- 2) the rear speaker grilles.



Then refit the other parts that have been removed following the reverse of the order in which they were removed.



Replace the seals using a thin screwdriver.

**IMPORTANT:**

Before removal:

- connect the diagnostic tool,
- switch on the ignition,
- deactivate the side air bags and the pretensioners.

When this function is activated, all the trigger lines are disabled and the air bag warning light on the instrument panel comes on.

Wait for two seconds for the unit to discharge itself automatically.

Switch off the ignition.


Disconnect the battery.

Remove:

- the front seats,
- the centre console (for front and rear sections see Section 57),
- the fuse box cover,
- the seat of the rear bench seat (see Section 76).

Expose the lower section of the door seals.

Remove the entire bench seat and soundproofing.

TIGHTENING TORQUE (in daNm)	
Front seat runner mounting bolts	3.0

REFITTING

Note.

Ensure that the carpet and soundproofing are centred in relation to the front seat mountings and the rear bench seat anchoring hooks.

Refit the centre console and the front seats.

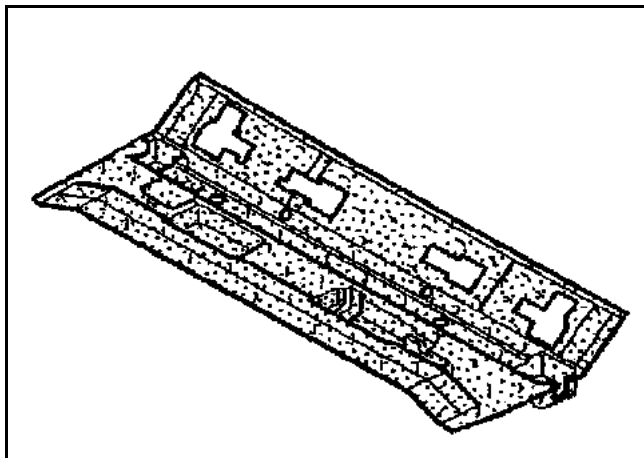
IMPORTANT

When everything has been refitted:

- check with the diagnostic tool that there are no faults in the system.
- if everything is correct, unlock the computer.

If the warning light does not come on, refer to the "Fault finding" section and check the system using the **XR BAG (Air bag test meter 1288)** or the diagnostic tool.

WARNING: Any failure to follow these instructions may cause a fault in the normal operation of the system and may even result in incorrect triggering.



REMOVAL

Remove:

- the rear bench seatback,
- the fixed section anchorings on the rear seat belts,
- the seat belt catches.

Remove the entire carpet.

REFITTING

Note.

SIDE OPENING ELEMENTS TRIM

Door lining (rear section)

72

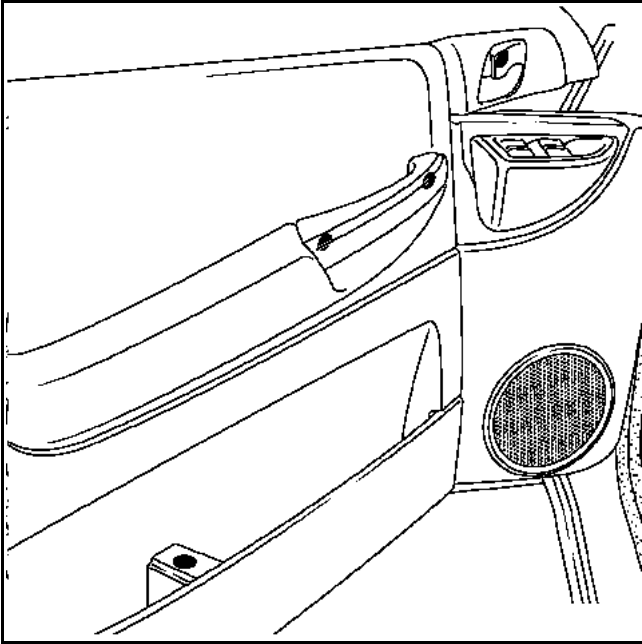
REMOVAL

Remove the interior triangle of the rear-view mirror.

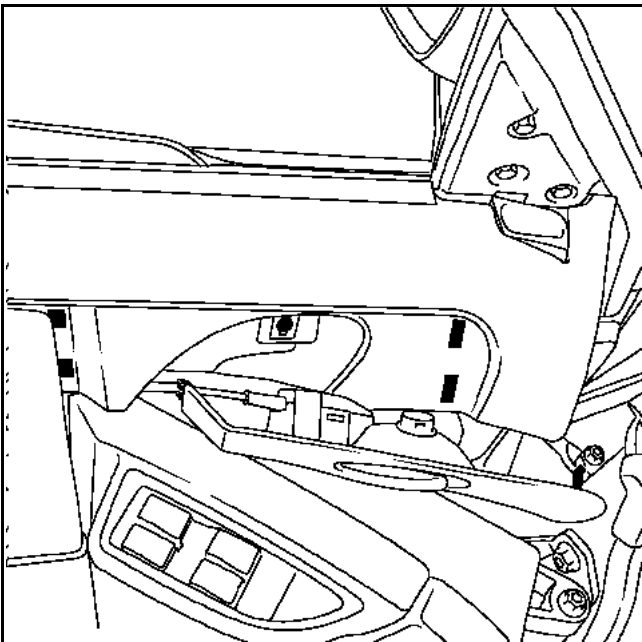
Unclip the door handle trim and remove the two bolts.

Remove the retaining bolt of the unlocking pull handle support plate.

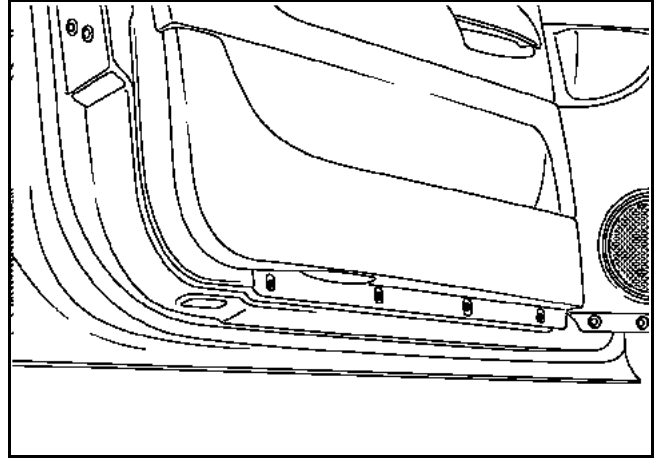
Remove the retaining bolt underneath the blanking cover in the middle of the door tray.



Pull the plate towards you and then forwards to release the lugs.



Remove the four lower mounting bolts.

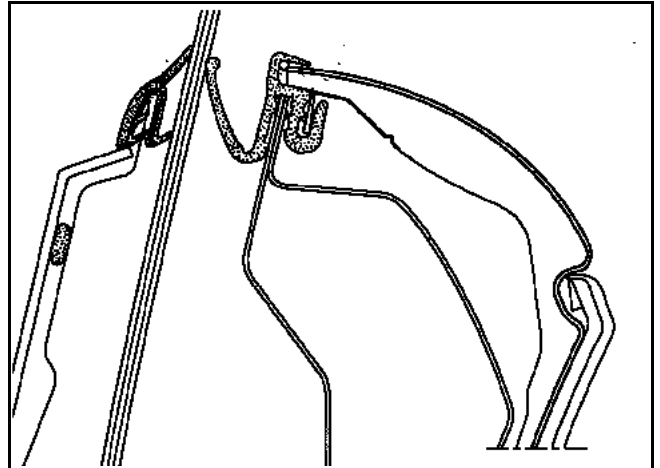


Pull the lining towards you to release the clips, then pull it upwards.

Disconnect the floor light connector.

REFITTING

Fit the interior weatherstrip onto the lining before refitting it.



Then proceed in the reverse order.

SIDE OPENING ELEMENTS TRIM

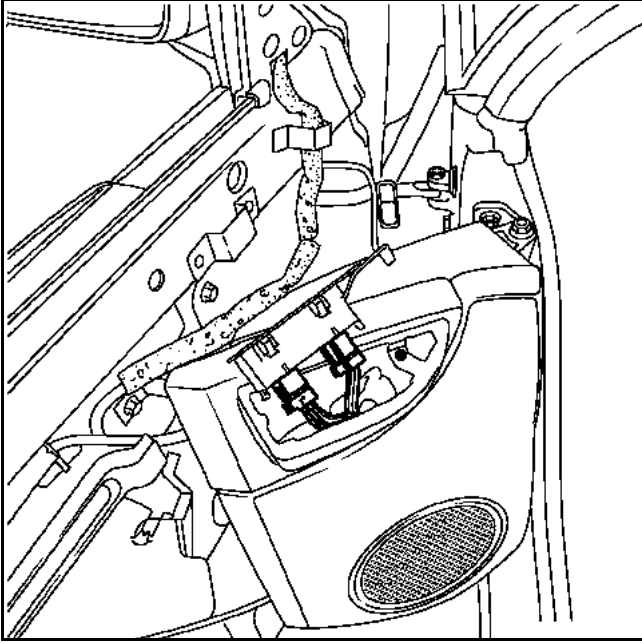
Door lining (front section)

72

REMOVAL

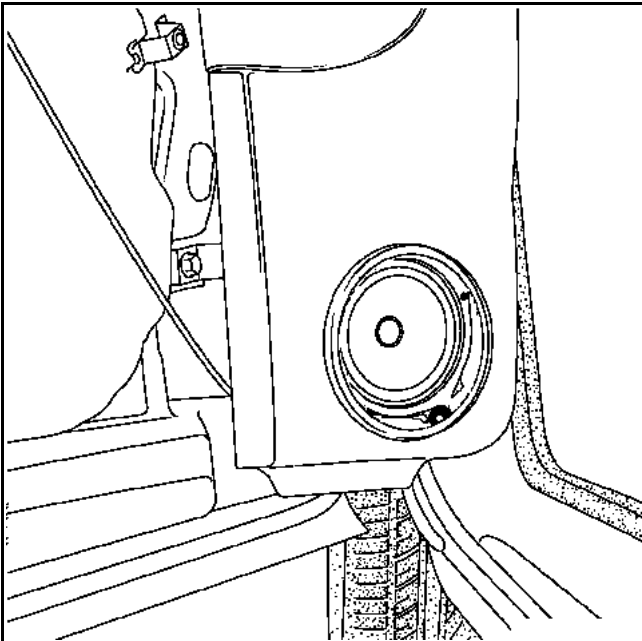
Unclip the electric window switches support plate and disconnect the connectors.

Remove the bolt (Torx **20**).



Remove the speaker bolt by turning it a quarter of a turn.

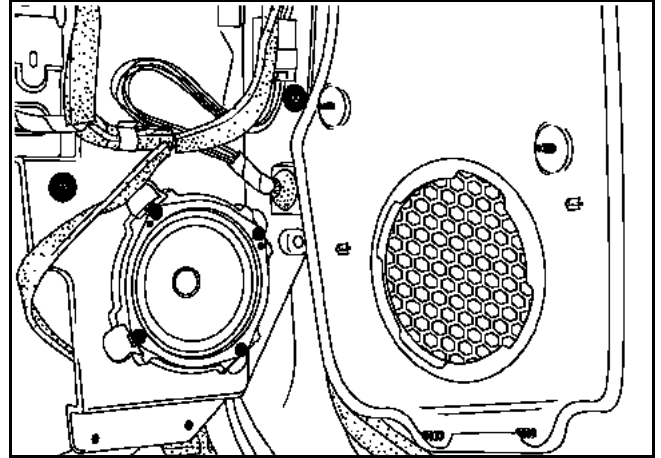
Remove the lower mounting bolt.

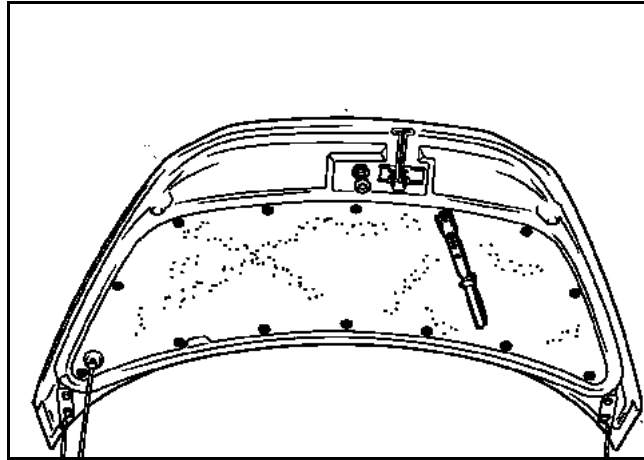


Pull the lining towards you to release the two clips.

REFITTING

Replace the two retaining clips and proceed in the reverse order.





REMOVAL

Unclip the fourteen plastic Christmas tree clips with toe-in 77 11 171 249.

REFITTING

No specifications.

SEAT TYPE

Driver's seat:

- with electric seat height adjuster and lumbar support adjuster.

Front passenger seat:

- without electric seat height adjuster and lumbar support adjuster.



TIGHTENING TORQUE (in daNm)



Runner mounting bolt to floor

3.0

IMPORTANT

Before removal:

- connect the diagnostic tool,
- switch on the ignition,
- deactivate the air bag.

When this function is activated, all the trigger lines are disabled and the air bag warning light on the instrument panel comes on.

Wait for two seconds for the unit to discharge itself automatically.

Switch off the ignition.

Disconnect the battery.

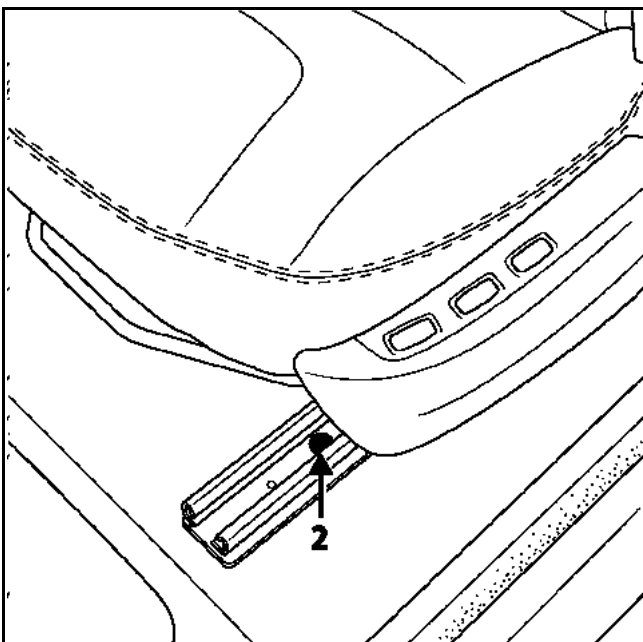
After removal:

DO NOT OPERATE the handle giving access to the rear seats.

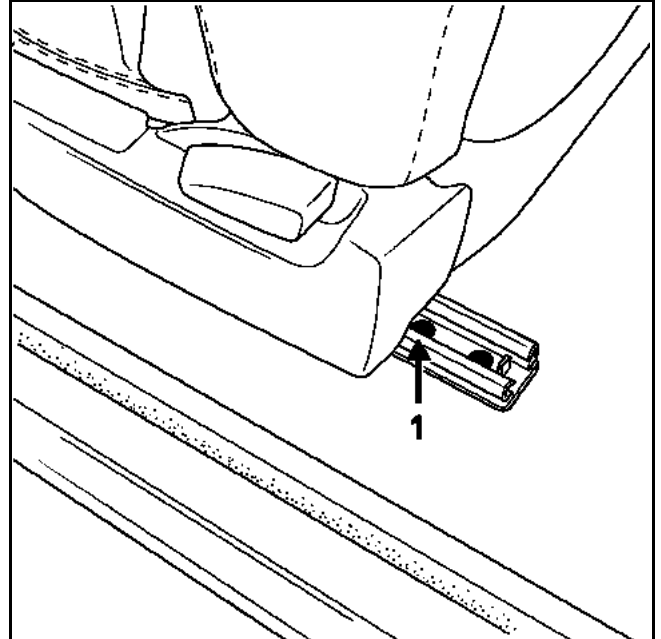
REMOVAL

Removal is carried out with the vehicle on the ground.

Push the seat as far back as it will go and unscrew the two front runner mountings.



Push the seat as far forward as it will go and unscrew the three rear runner mountings.



Disconnect the pretensioners and the power supply to the electric seat.

REFITTING

Reconnect the pretensioners and the power supply.

Replace the fixings in the following order:

- the shouldered bolt (1),
- the front bolt (2),
- then the three remaining bolts.


Ensure that the seat slides smoothly and check the runner notches.

IMPORTANT

When everything has been refitted:

- check with the diagnostic tool that there are no faults in the system.
- if everything is correct, unlock the computer.

WARNING: Any failure to follow these instructions may cause a fault in the normal operation of the system and may even result in incorrect triggering.

TIGHTENING TORQUE (in daNm)	
Runner mounting bolt on seat frame	3.5
Pretensioner mounting bolt	2.5
Seat belt catch mounting bolt	3.5
Seat belt inertia reel mounting bolt	3.5

Remove the three bolts from each runner.



IMPORTANT

Before removal:

- connect the diagnostic tool,
- switch on the ignition,
- deactivate the air bag.

When this function is activated, all the trigger lines are disabled and the air bag warning light on the instrument panel comes on.

Wait for two seconds for the unit to discharge itself automatically.

Switch off the ignition.

Disconnect the battery.

After removal:

DO NOT OPERATE the handle giving access to the rear seats.

REMOVAL OF RUNNERS

Removal is carried out with the vehicle on the ground.

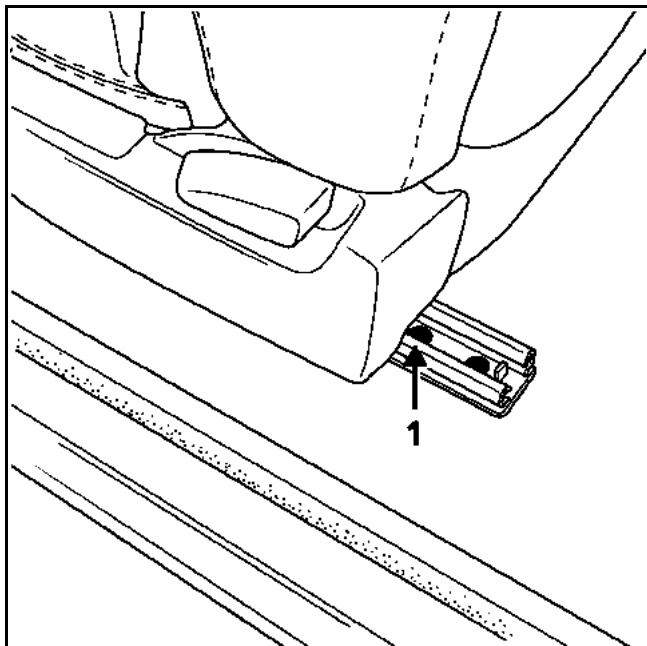
Remove:

- the seat,
- the side housing,
- the runner housing (see Section 77),
- the pretensioner (Torx bolt 40).

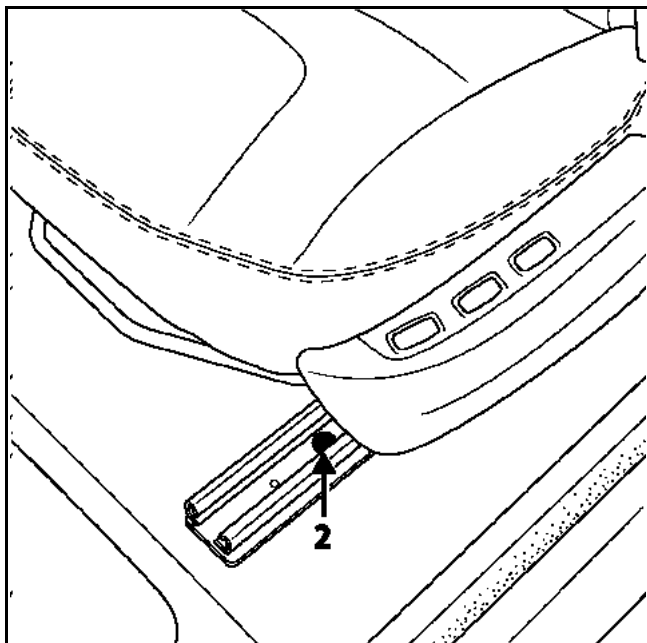
Runners

REFITTING

- fix the runner (on the opposite side to the pretensioner) on the seat frame,
- screw the mounting bolts of the other runner on finger-tight but do not tighten,
- align the two runners (by acting on the lever),
- place the seat in the vehicle and place the shouldered bolt (1) on the outer runner,



- screw the other four seat mounting bolts to the floor finger tight but do not tighten.



- Tighten the shouldered bolt (1), the bolt (2) and the three other mounting bolts to the floor.
- Secure the outer runner to the seat frame and ensure that the seat slides smoothly.

Refit:

- the pretensioner,
- the housings,
- the seat back angle handle.

IMPORTANT

Before and during refitting:

DO NOT OPERATE the handle giving access to the rear seats.

When everything has been refitted:

- check with the diagnostic tool that there are no faults in the system.
- if everything is correct, unlock the computer.

If the warning light does not operate, refer to the Fault finding section and check the system using the **XR BAG (Air bag test meter 1288)** or the diagnostic tool.

WARNING: Any failure to follow these instructions may cause a fault in the normal operation of the system and may even result in incorrect triggering.

TIGHTENING TORQUE (in daNm)	
Runner mounting bolt to floor	3.0
Runner mounting bolt to seat frame	3.5
Pretensioner mounting bolt	2.5
Seat belt catch mounting bolt	3.5
Seat belt inertia reel mounting bolt	3.5

IMPORTANT

Before removal:

- connect the diagnostic tool,
- switch on the ignition,
- deactivate the air bag.

When this function is activated, all the trigger lines are disabled and the air bag warning light on the instrument panel comes on.

Wait for two seconds for the unit to discharge itself automatically.

Switch off the ignition.

Disconnect the battery.

After removal:

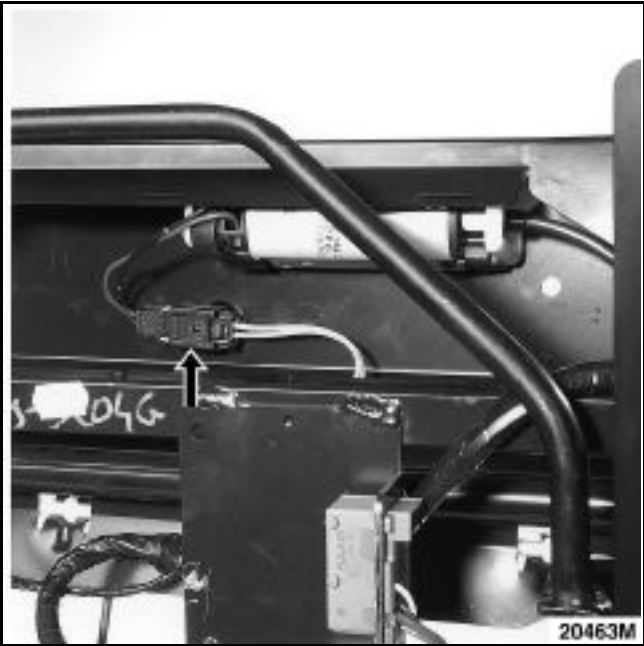
DO NOT OPERATE the handle giving access to the rear seats.

REMOVING ELECTRIC SEAT HEIGHT ADJUSTER MOTOR

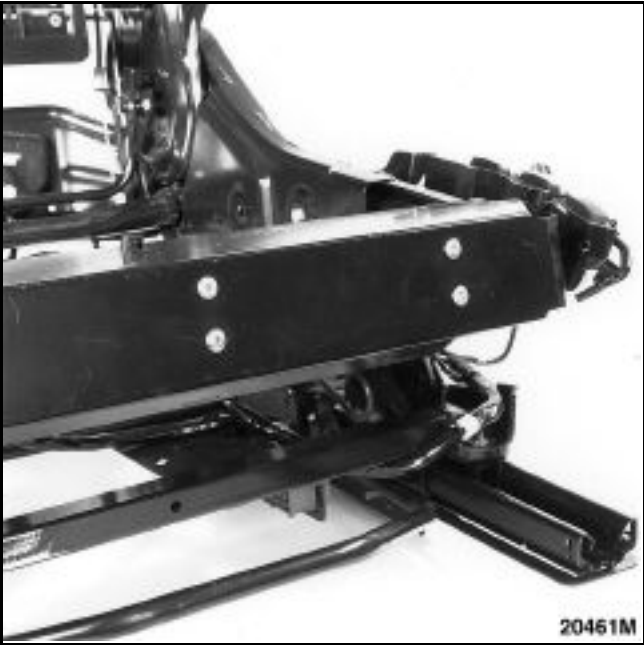
Detach the seat and remove from the vehicle.

Strip the seat cushion (see Section 77).

Disconnect the electric motor connector.



Drill out the four motor mounting rivets.



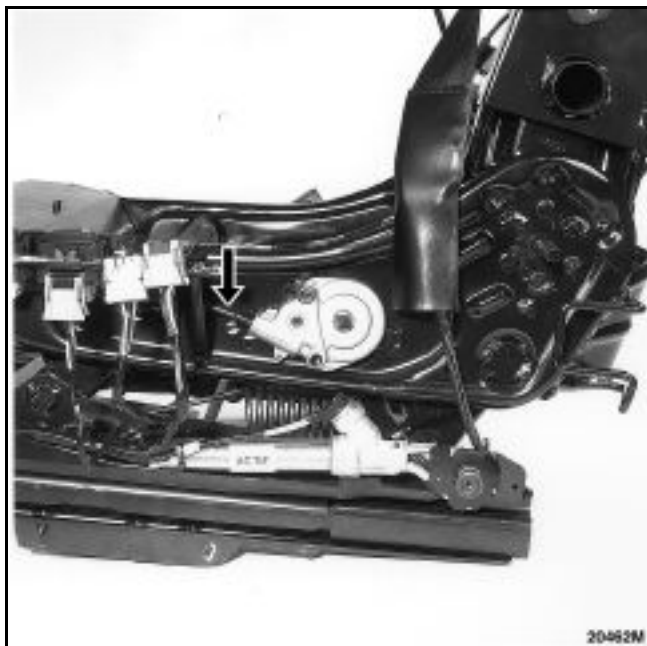
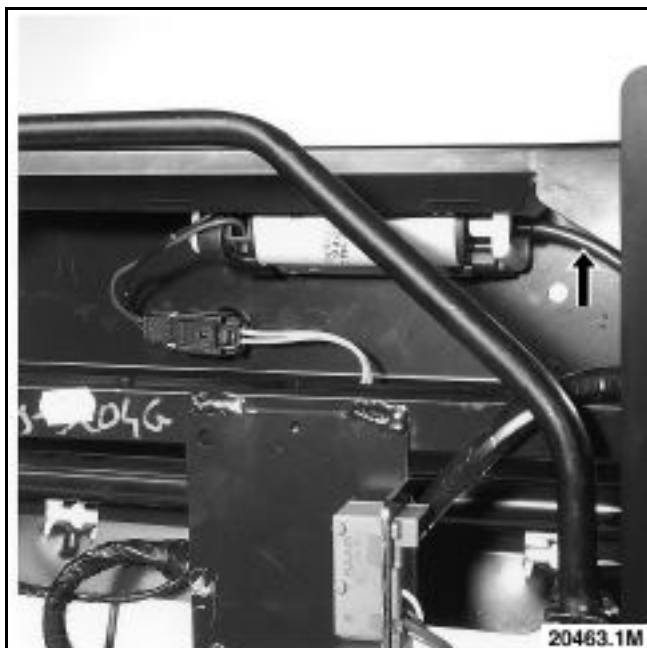
Release the flexible rod by pulling it straight from the connector on the motor end.

REPLACING SEAT HEIGHT ADJUSTER FLEXIBLE ROD

Remove the seat from the vehicle.

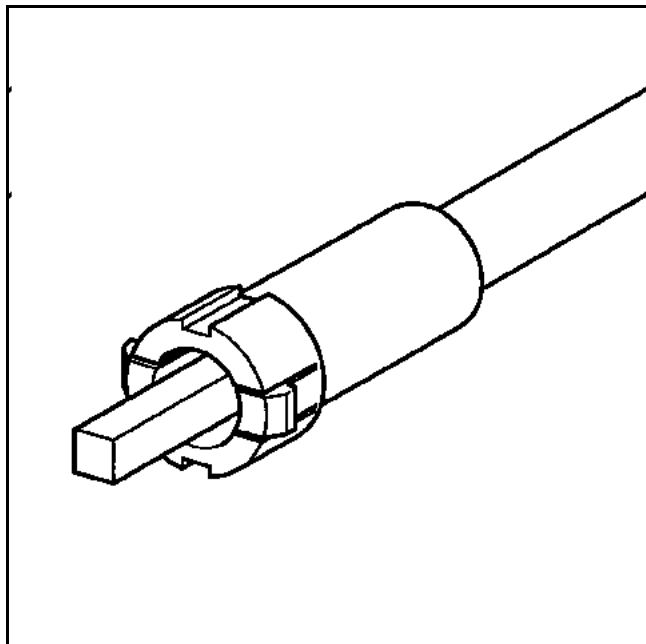
Strip the seat cushion (see Section 77).

Release the flexible rod by pulling it on the motor side and then on the reducer side.



REFITTING

Connect the flexible rod on the motor side first **the end piece of the sheath is indexed**.



REMOVAL OF THE LUMBAR COVER AND ITS CONTROL SYSTEM

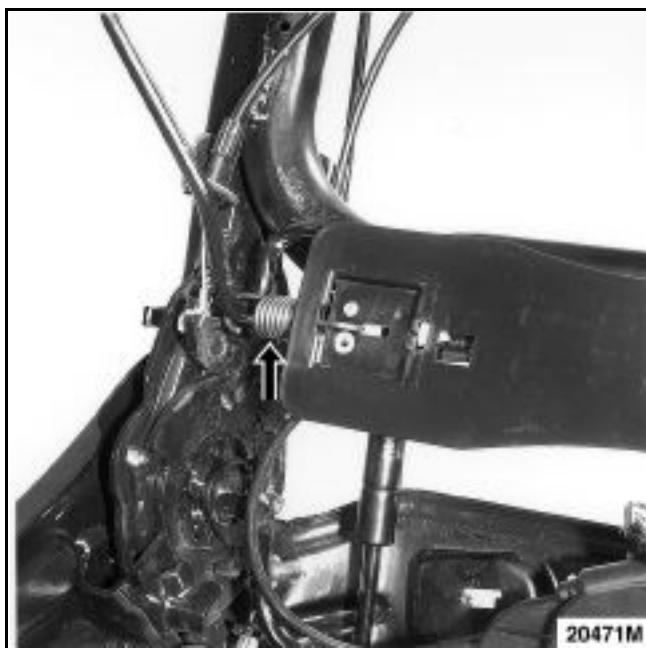
Strip the seatback (see Section 77).

Disconnect the connector.

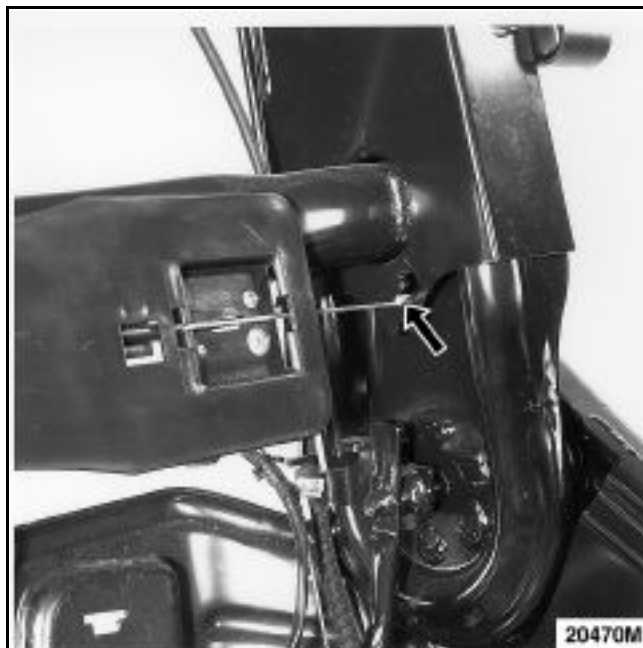
Drill out the three motor mounting rivets.



Remove the return spring.



Remove the cable from its housing.



Remove:

- the lumbar cover,
- the motor with the tension cable.

REFITTING

Rivet the motor to the seat structure.

Place the end of the cable in its housing.

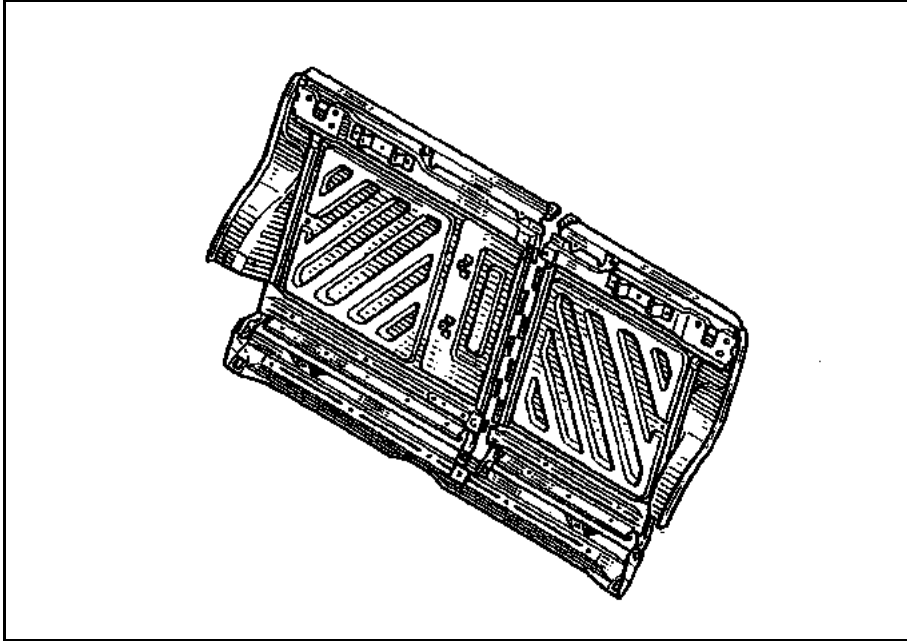
Replace the spring.

Replace the seatback.

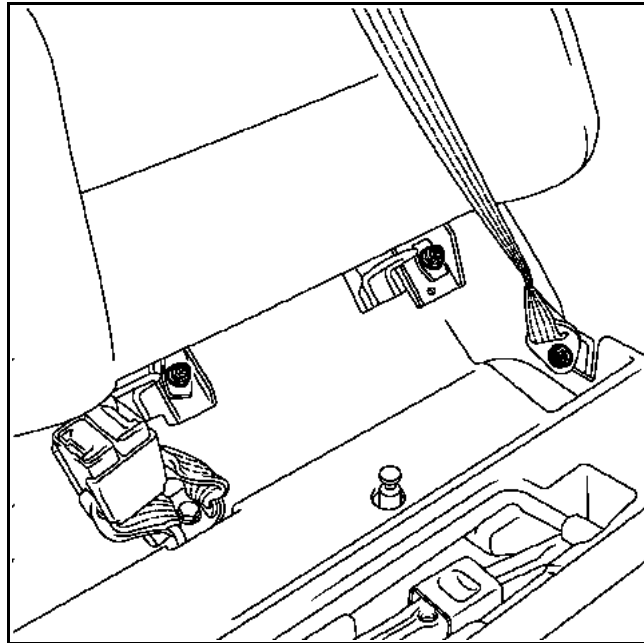
REAR BENCH SEAT FRAMES

Seatback frame

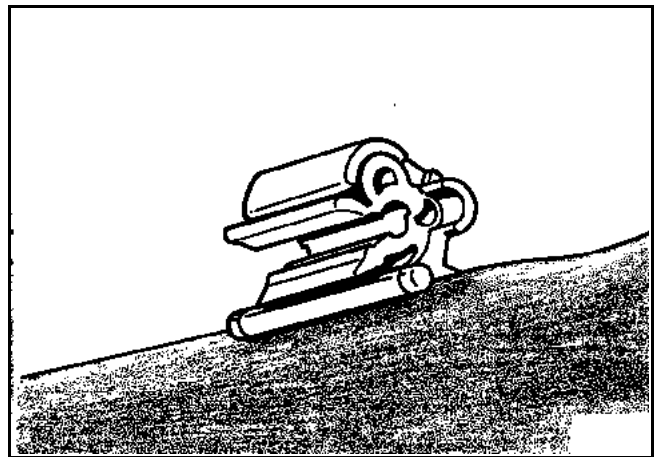
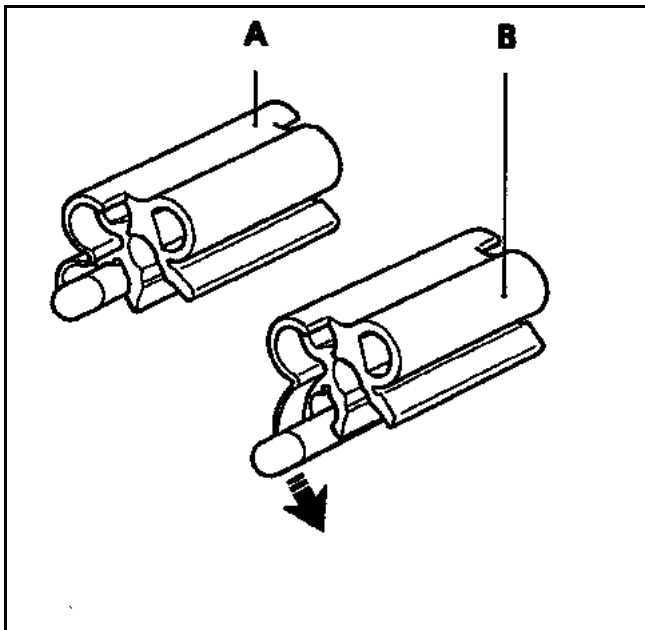
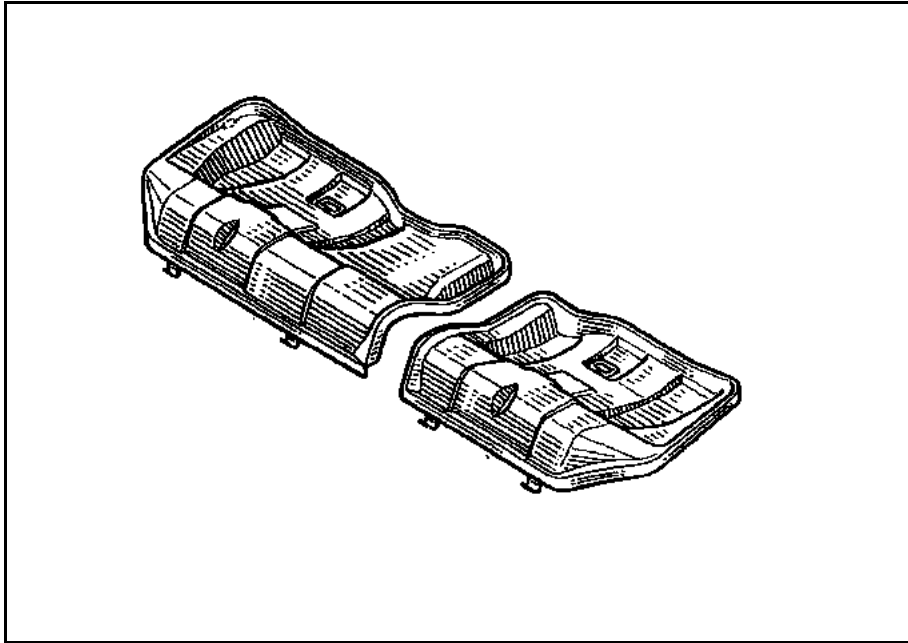
76



REMOVAL



Tilt the seat cushions and remove the four seatback mounting nuts.



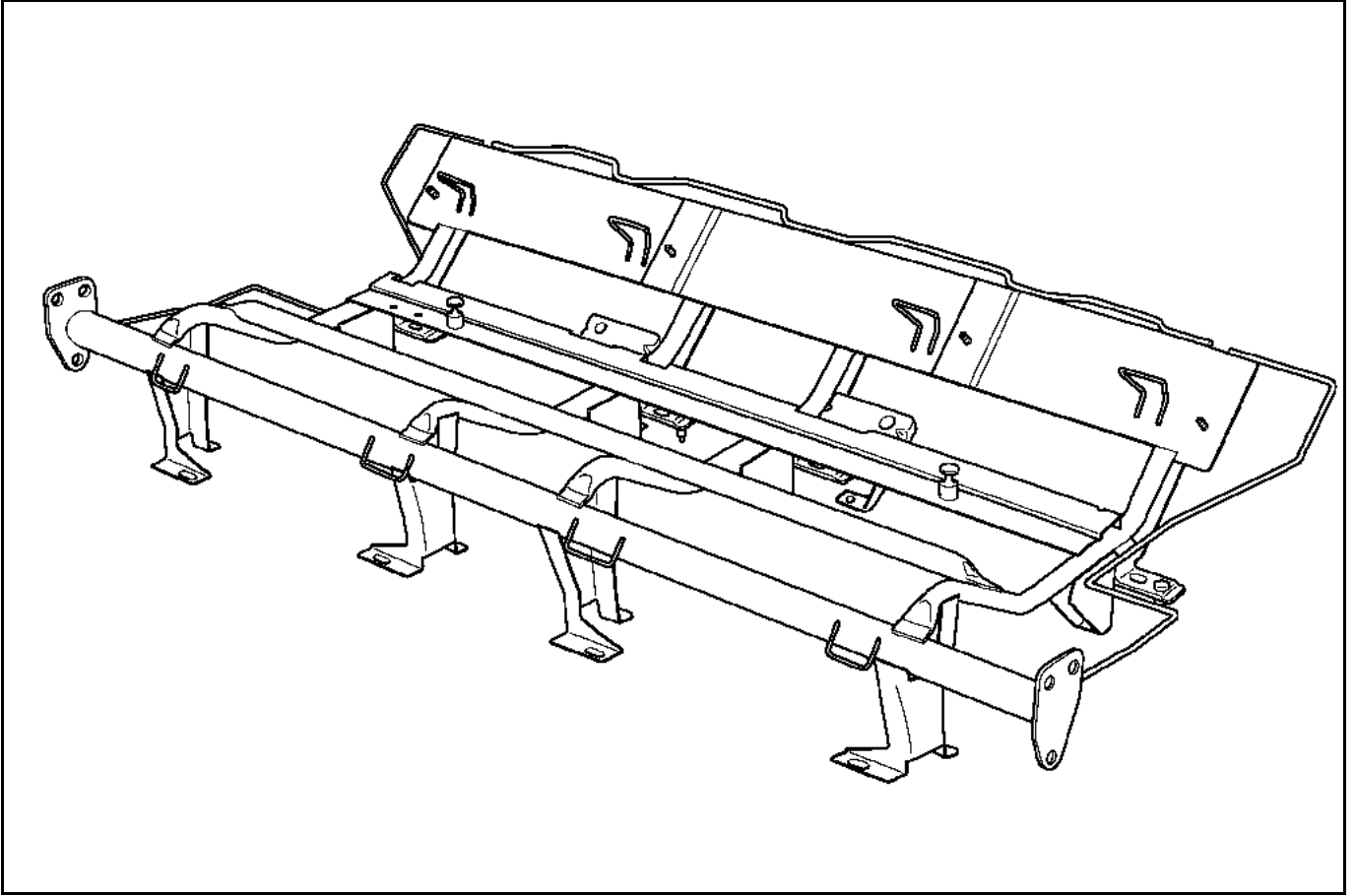
Removal of the bench seat

Unclip the clip slides as indicated above.

A Closed position

B Open position

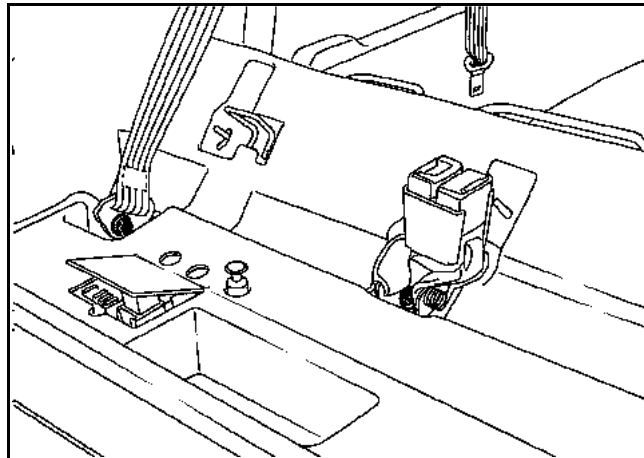
Remove the bench seat by unclipping the mountings.



REMOVAL

Remove:

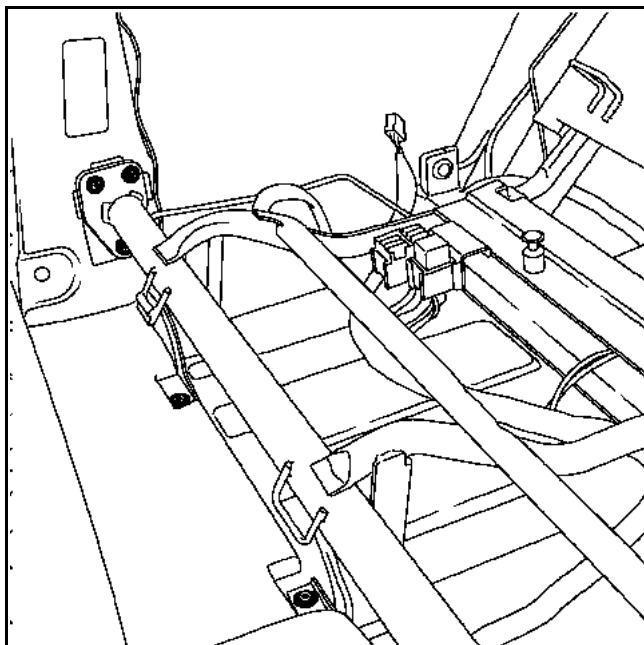
- the seat cushions,
- the seatback,
- the lower side trims.



Rear bench seat mounting

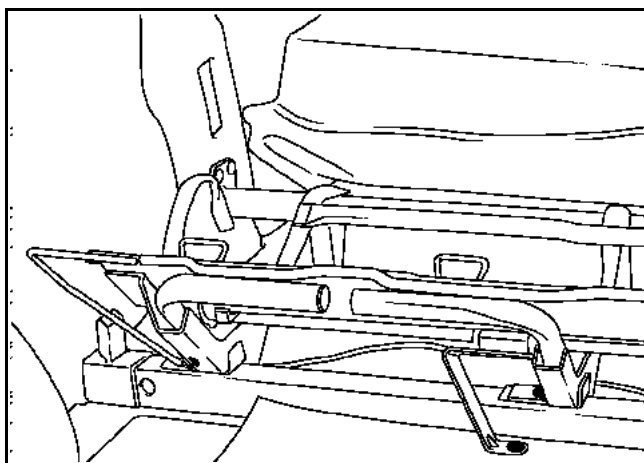
Remove the seat belt catches and the side seat belt anchorages.

Remove the cover trim of the bench seat mounting.



Remove:

- the six side mounting bolts (Torx 40),
- the four front mounting bolts.



Remove the four rear mounting bolts.

REFITTING

No specifications.

IMPORTANT

Before removal:

- connect the diagnostic tool,
- switch on the ignition,
- deactivate the air bag.

When this function is activated, all the trigger lines are disabled and the air bag warning light on the instrument panel comes on.

Wait for two seconds for the unit to discharge itself automatically.

Switch off the ignition.

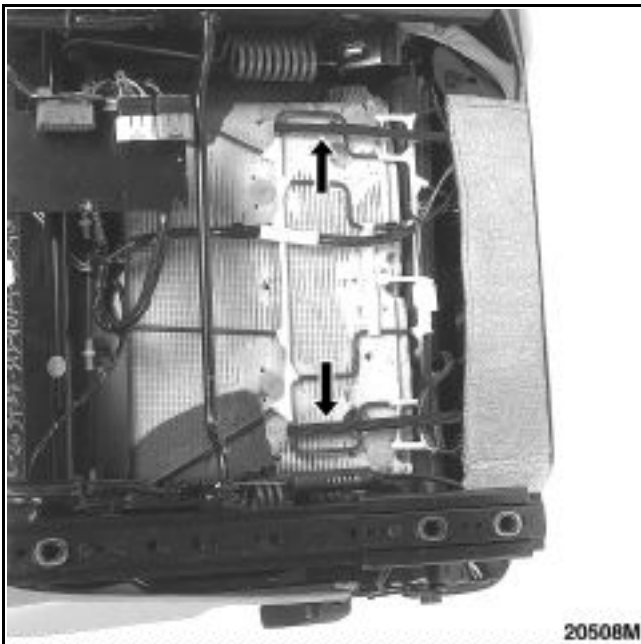
Disconnect the battery.

REMOVAL

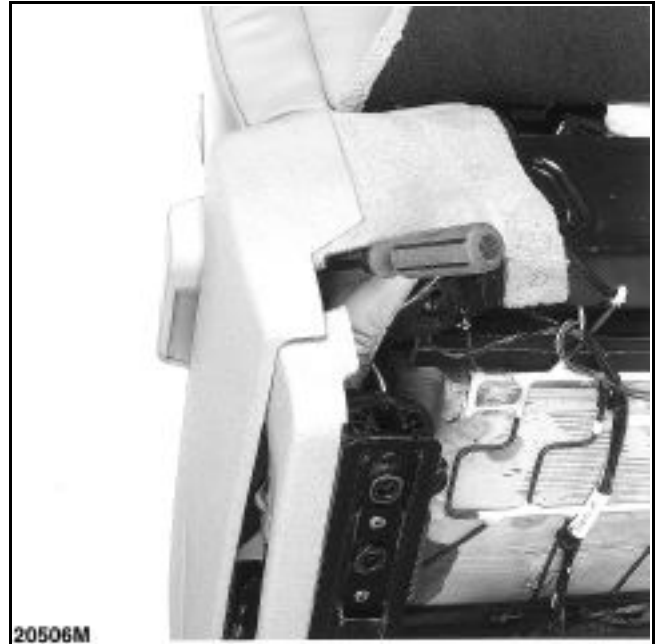
Remove the seat mountings.

Remove the seat from the vehicle.

Remove the pouch retainer straps.

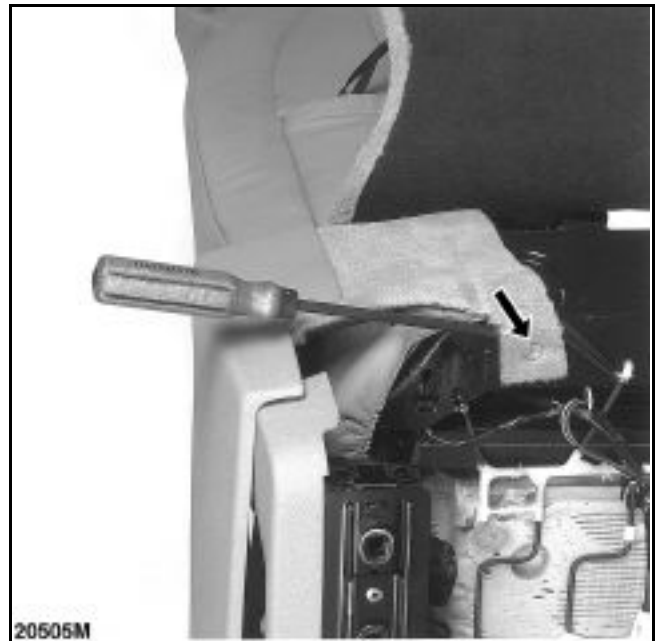


Remove the seat back inclination adjustment handle from the inside by spreading the grooves in the handle with a screwdriver and pulling it upwards.

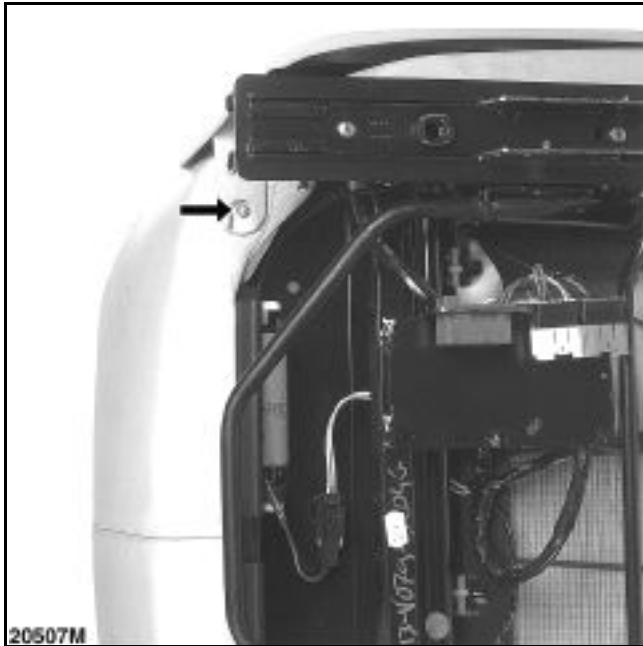


WARNING: this handle must be replaced after each operation.

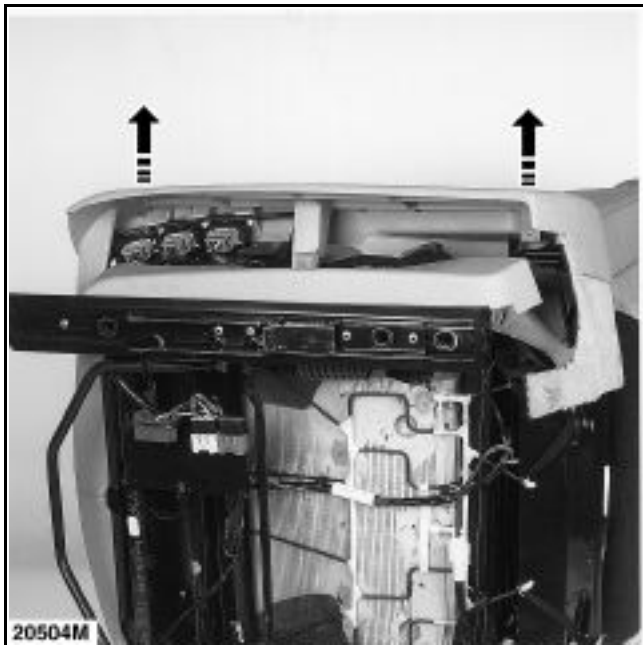
Remove the retaining clip.



Remove the housing mounting bolt.

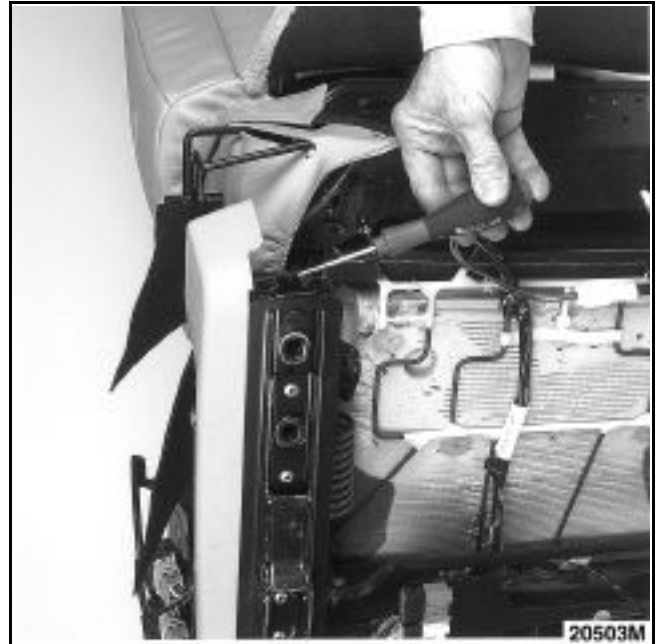


Pull the housing upwards.

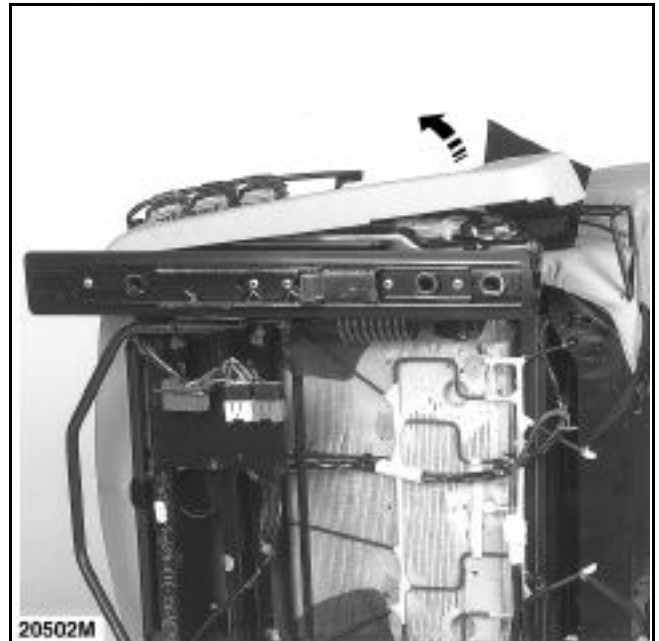


REMOVAL OF THE RUNNER HOUSING

Remove the rear retaining bolt.



Lift the rear of the housing and pull upwards.



FRONT SEAT TRIM

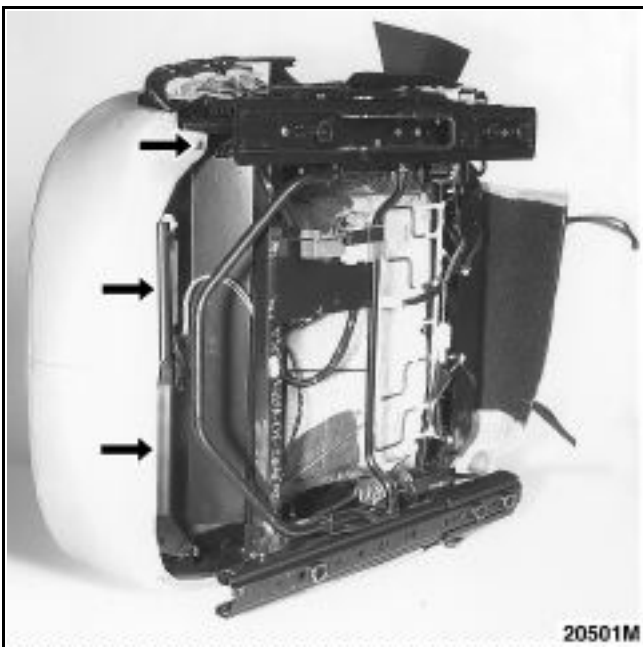
Seat cushion trim

77

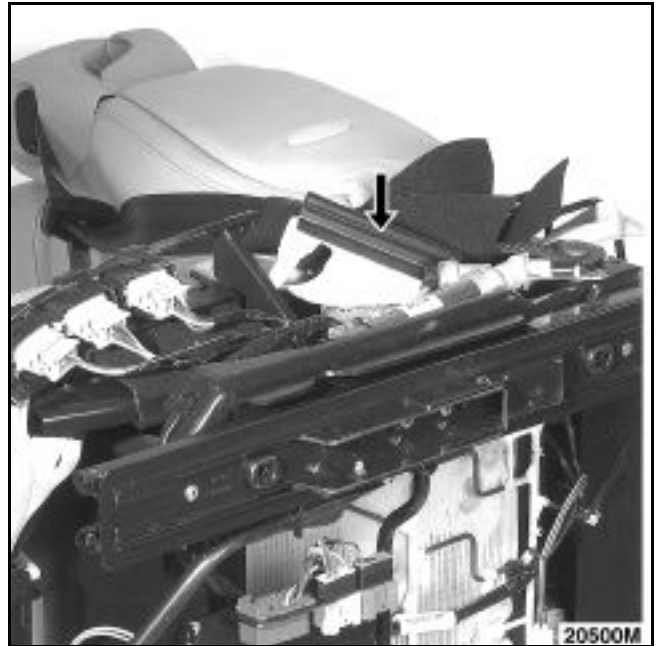
Remove the two trim retaining clips.



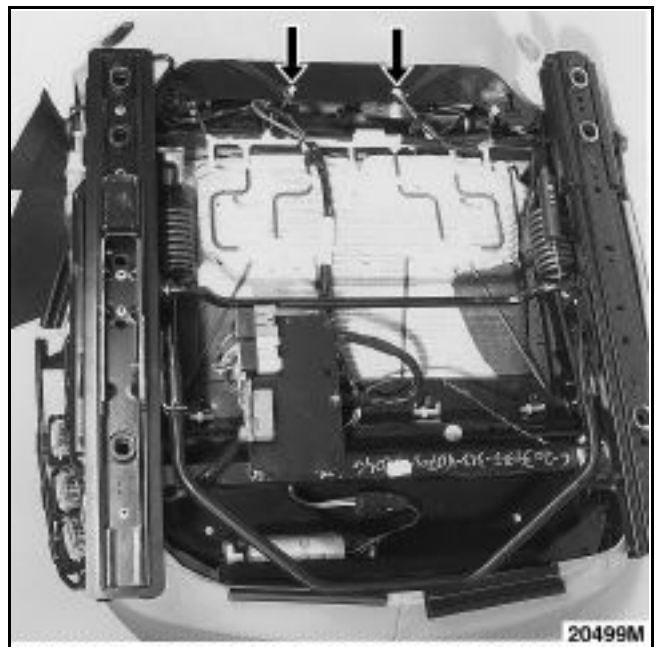
Unclip the retaining profiles and the front lugs.



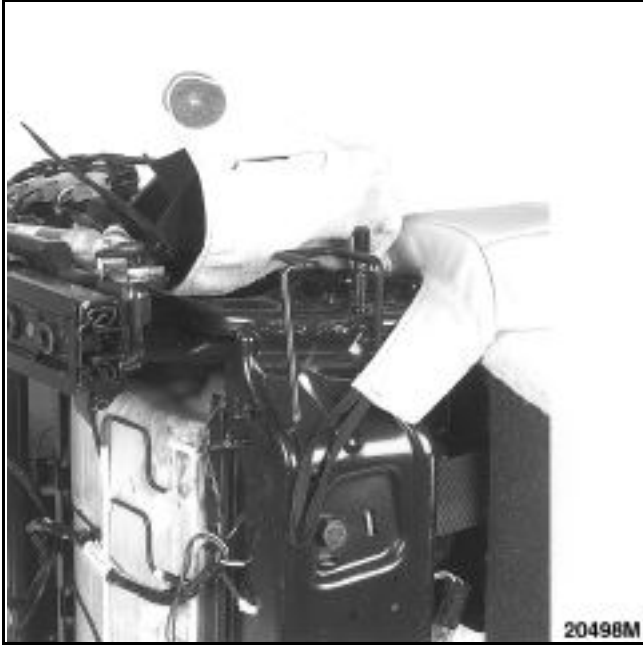
Remove the left retaining profile.



Release the seatback cover retaining straps by cutting the "pig's snout" clips.

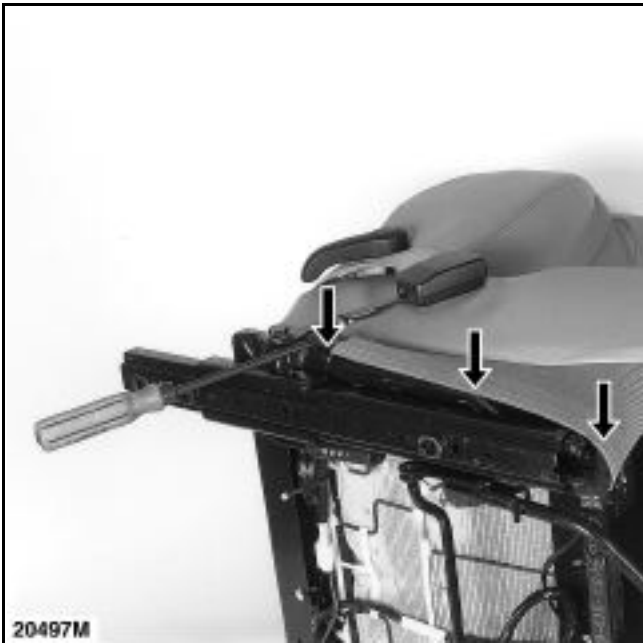


Remove the cushion cover at the hinge.



Turn the seat upside down.

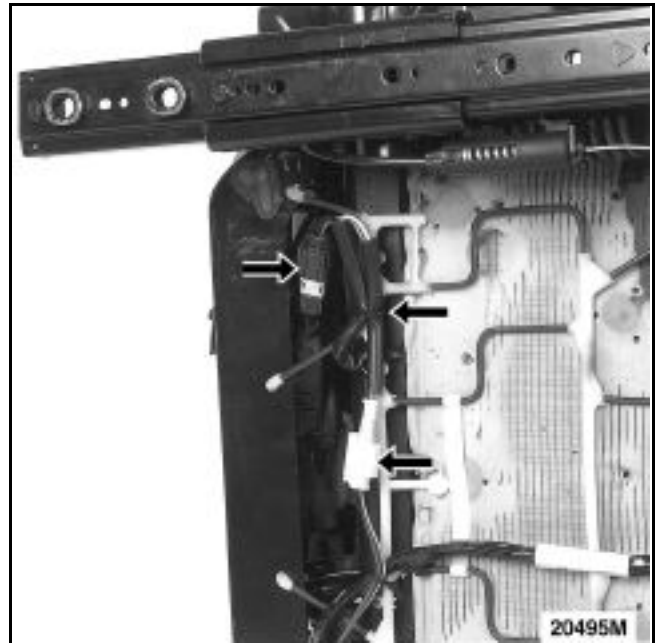
Unfasten the three **Christmas tree clips**.



Remove the right retaining profile on the seat belt catch side.



Disconnect the two connectors and cut the plastic clip



FRONT SEAT TRIM

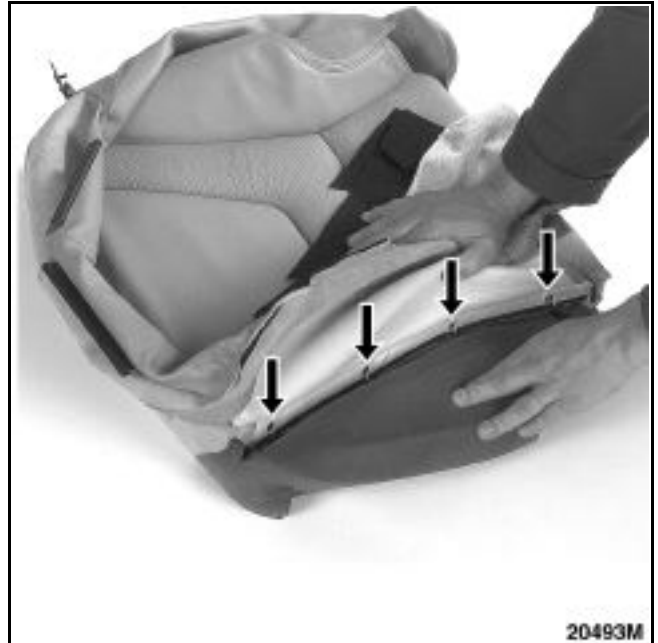
Seat cushion trim

77

Remove the cover and the foam as a unit.



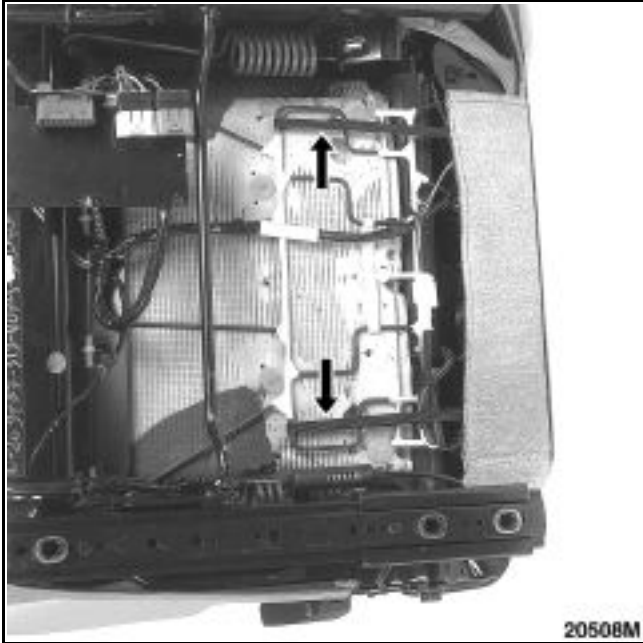
Separate the cover from the foam by removing the cover, then cut the "pig's snout" clips at each seam.



If it is necessary to replace the heating cover, it is essential to also replace the foam.



Remove the pouch retaining straps.



Remove the seatback section by pulling it upwards in order to release the lugs.



Remove the central trim in seatback tilt handle using a small screwdriver, then remove the handle by pulling it upwards.

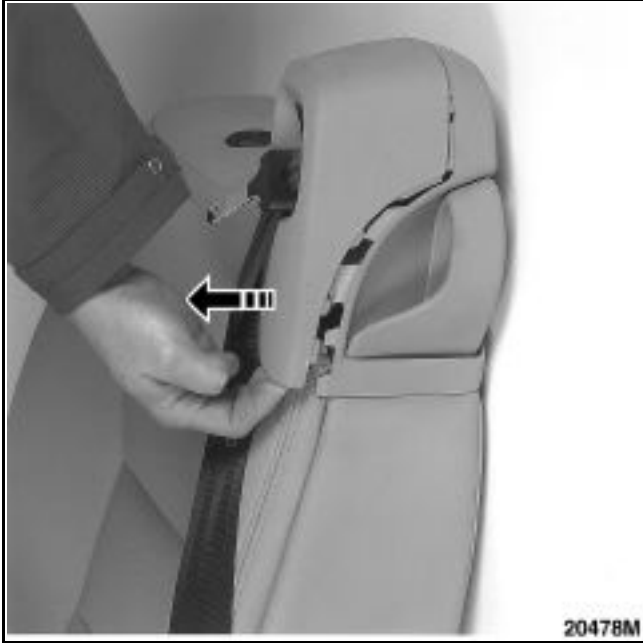


Remove the head rest by lifting the lug.



Unclip the front cover of the unit housing.

WARNING: this part must always be replaced if it is removed.



Remove the three mounting bolts on the rear cover of the unit housing.



Remove the pin of the seat tilt handle.



Remove the handle by pulling it in the direction of the arrow.



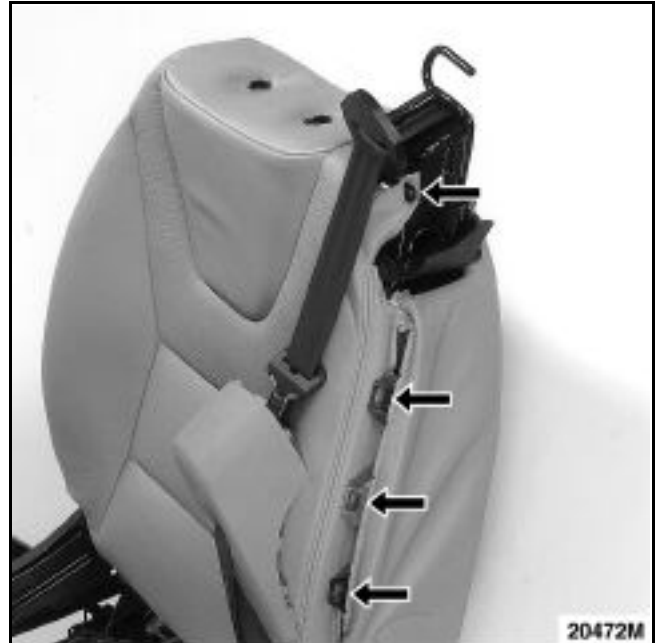
Remove the rear cover of the unit housing.



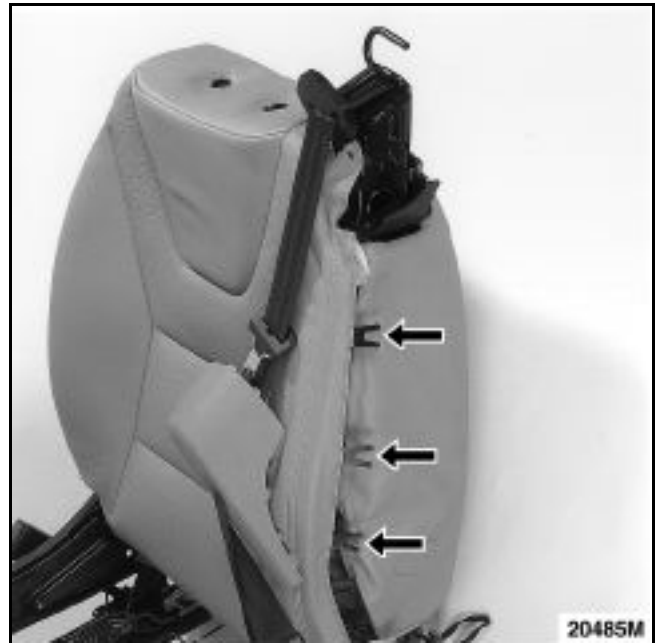
Remove the head rest guide trims.



Unclip the retaining brackets on the side air bag and the seatback cover retaining lug.



Unclip the seatback cover retaining clips by pulling them towards the outside of the seat.



FRONT SEAT TRIM

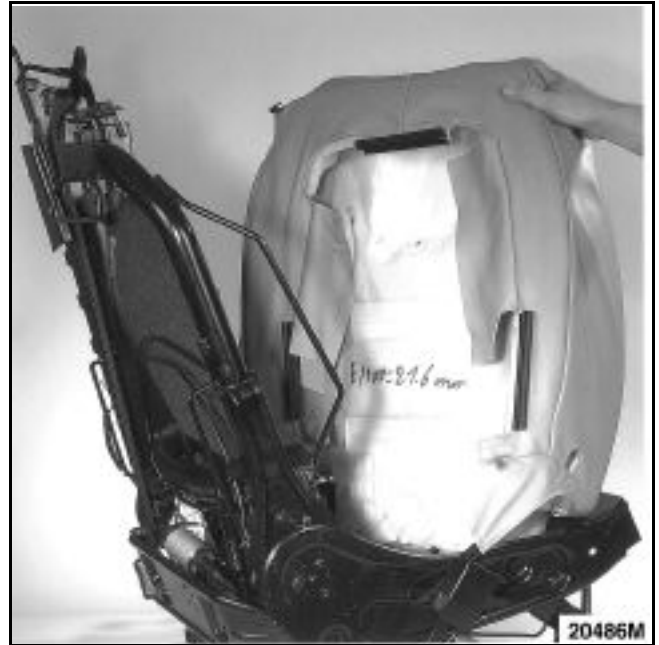
Seatback trim

77

Turn the seat upside down and cut the six "pig's snout" clips.



Remove the cover and the foam as a unit.



Unclip the cover retaining profiles.

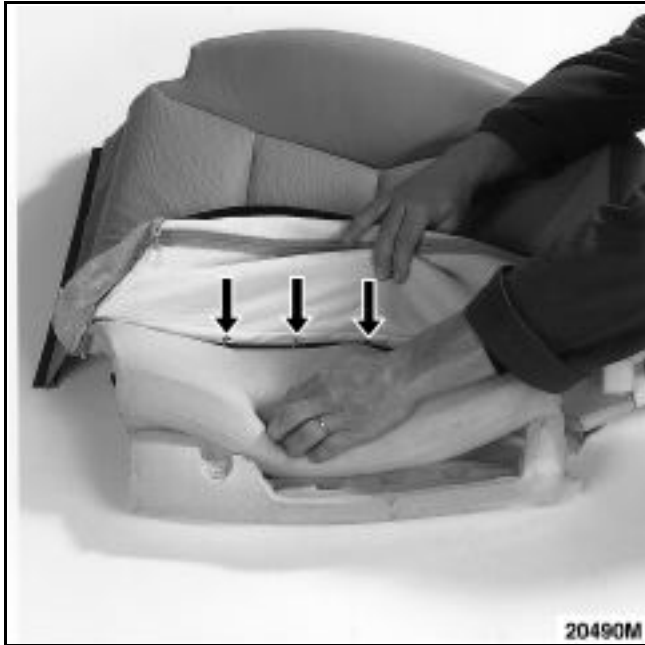


FRONT SEAT TRIM

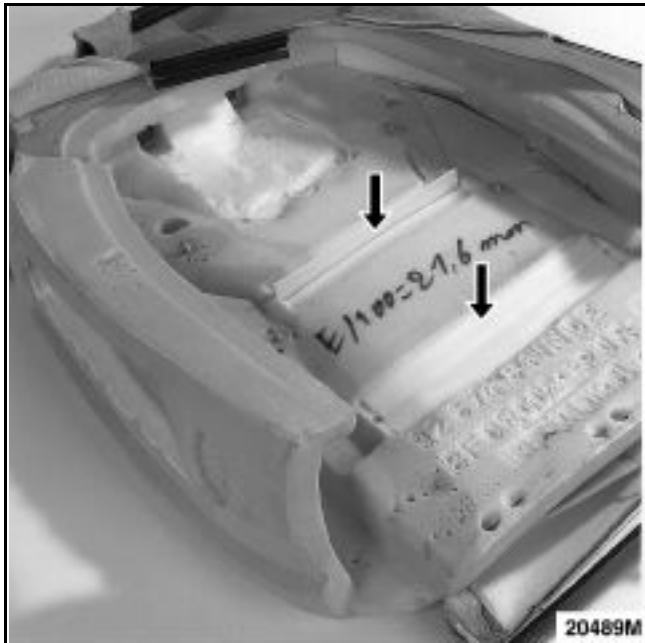
Seatback trim

77

Separate the cover from the foam by removing the cover, then cut the "pig's snout" clips at each seam.

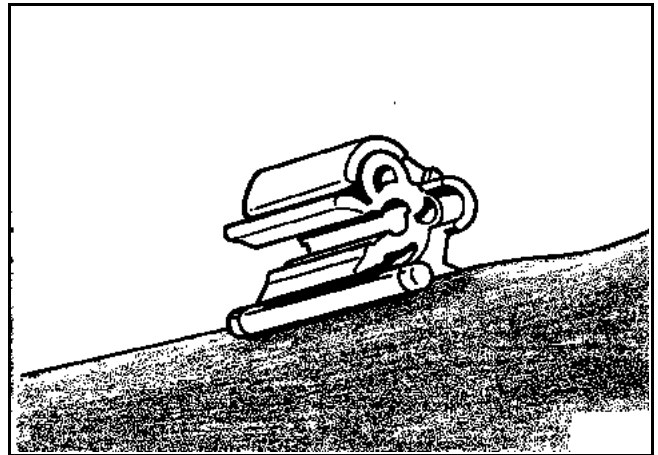
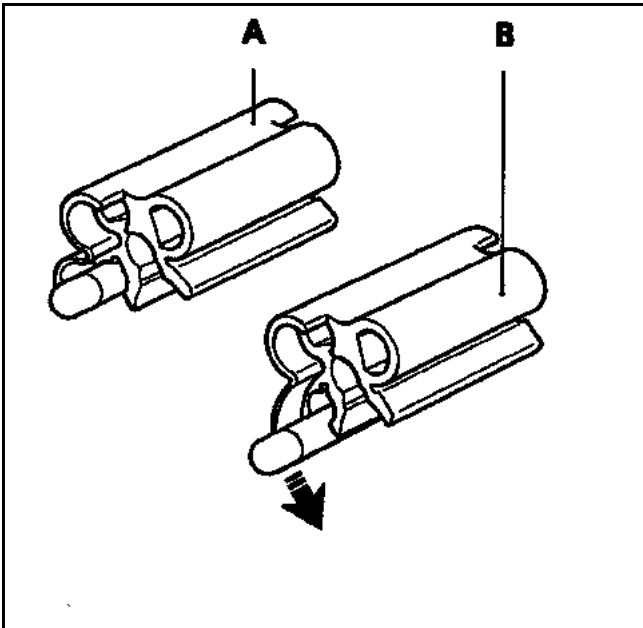
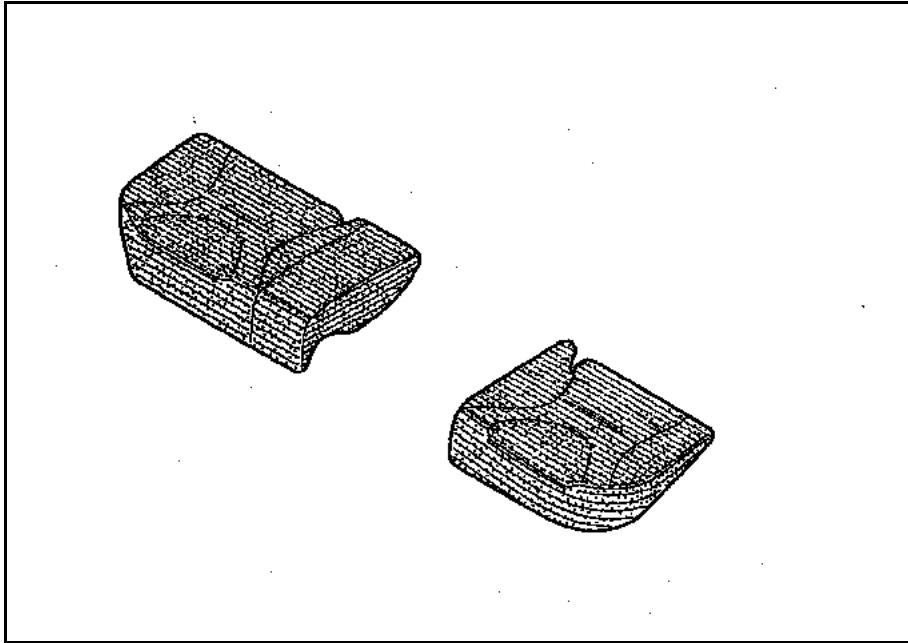


Turn the seatback over and unclip the horizontal seams.



If it is necessary to replace the lumbar heating cover, it is essential to also replace the foam.





Removal of the bench seat

Unclip the clip slides as indicated above.

A closed position

B open position

Remove the bench seat by unclipping the mountings.

REAR SEAT TRIM

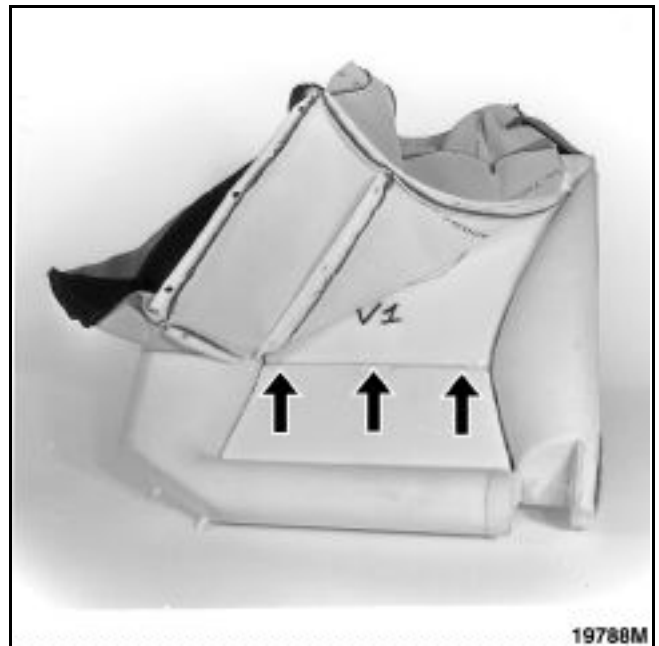
Seat cushion trim 1/3 - 2/3

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Unclip the trim surround.

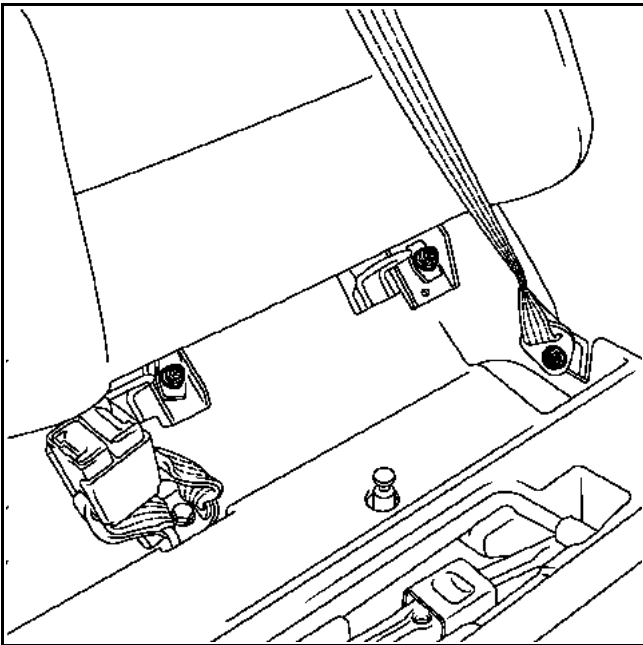
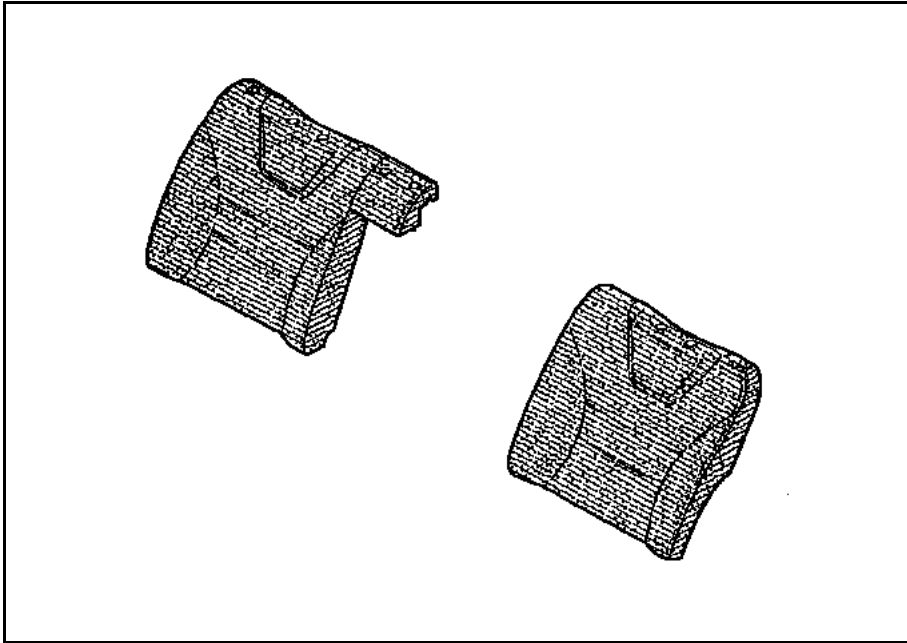
Separate the foam trim unit from the metal frame.



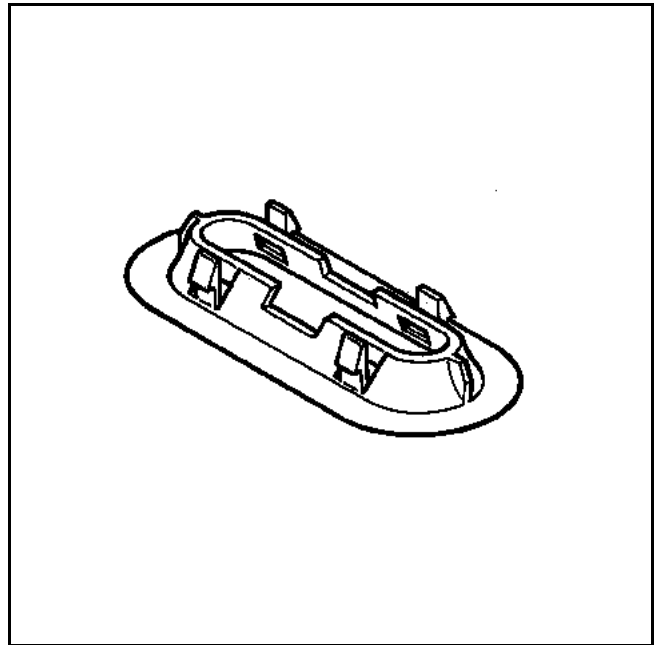
Turn the trim upside down.

Cut the "**pig's snout**" clips.

Separate the foam trim unit.



Tilt the seat cushions and remove the four seatback mounting nuts.



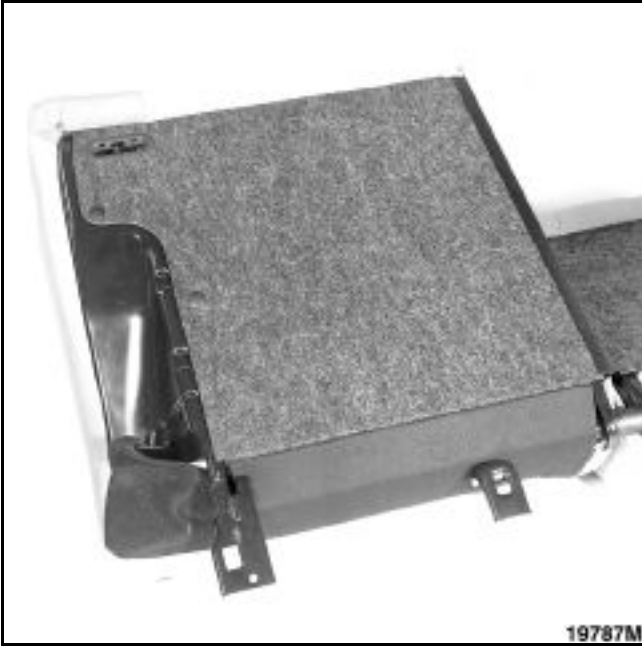
Remove the seatback.

Unclip the seatback lock surrounds.

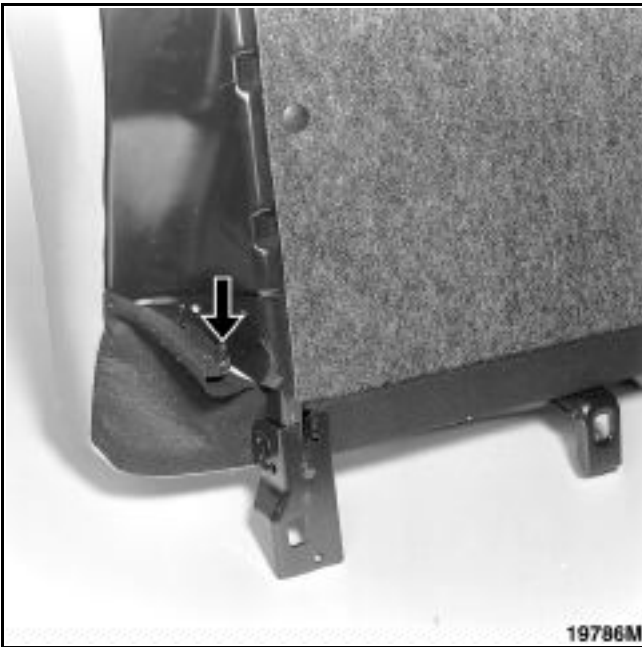
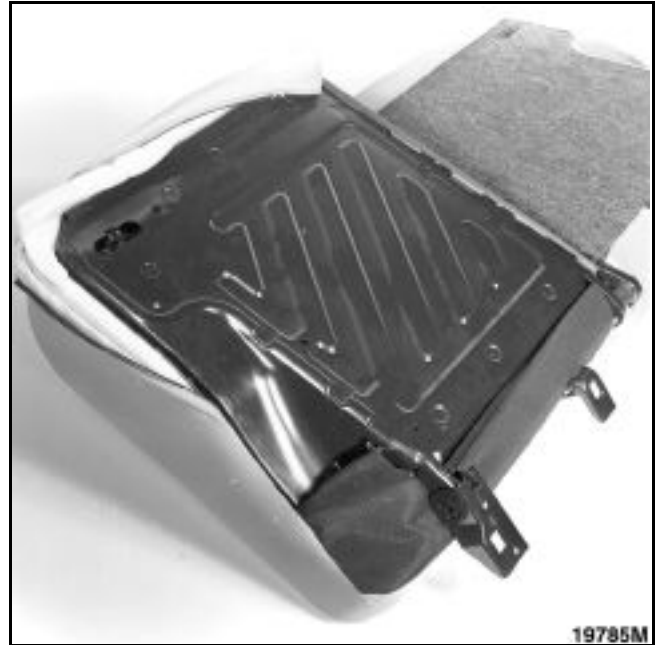
REAR SEAT TRIM

Seatback trim 1/3 - 2/3

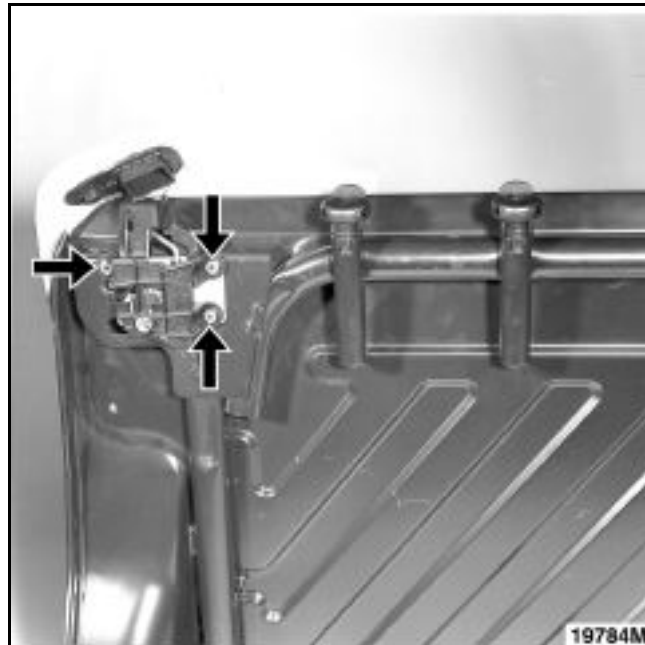
78



Remove the rear trim of the seatback concerned by removing **Christmas tree clips**.



Unclip the trim surround.



LOCKS

After removal of trim from seatback:

- remove the three rivets.
- take out the lock.

HEAD REST GUIDES

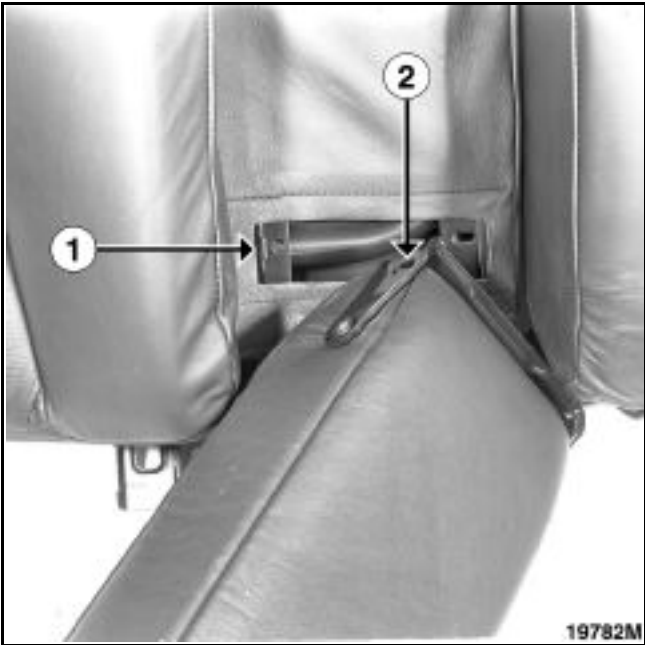
After removing the trim from the seatback, press on the tabs and remove the guides.

REMOVAL



Partially strip the rear of the seatback.
Remove the mounting.

REFITTING



Click lug 1 into opening 2.



Pivot the armrest and fix it on the rear of the seatback.