



## 91 Seats, restraint systems

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Job No.

### Driver's seat

Removal and installation of driver's .....	91-100
Removal and installation of front passenger's seat . . . . .	110
Removal and installation of cover on driver's seat cushion .....	180
Removal and installation of cover on driver's seat backrest .....	182

### Rear seat

Removal and installation of rear seat and rear seat backrest .....	170
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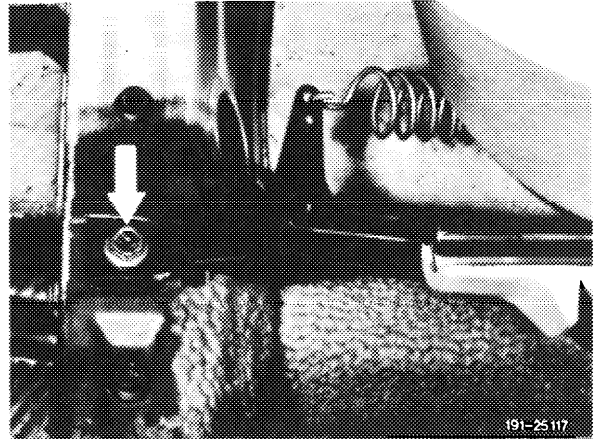
### Safety belts

Removal and installation of front safety belt . . . . .	500
Removal and installation of rear safety belt .....	510
Replacement specifications for safety belt . . . . .	550

**Removal**

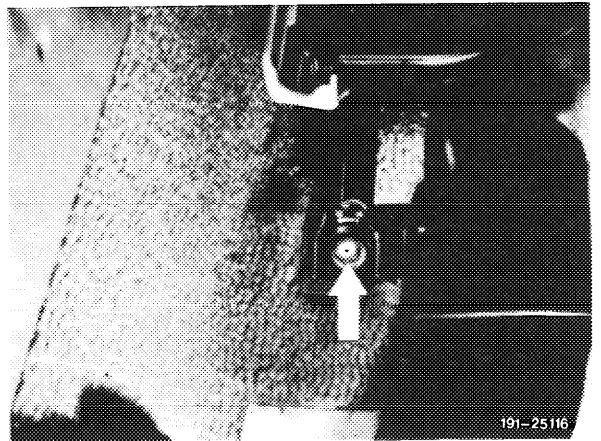
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1 Unscrew screws at front on both seat guide rails, while pushing driver's seat toward the rear and height adjustment down.



2 Push driver's seat forward and height adjustment up.

3 Unscrew screws at the rear on both seat guide rails.



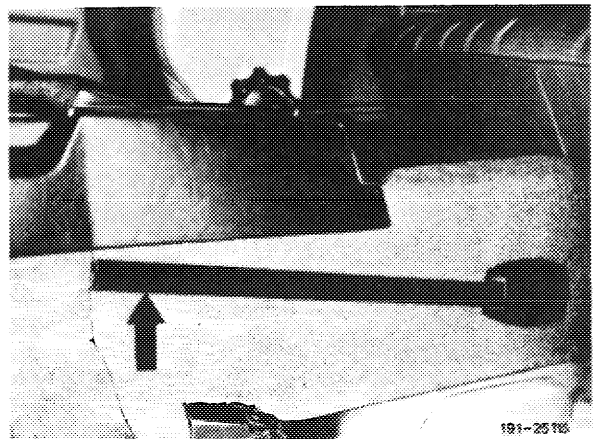
4 Slightly raise driver's seat and pull out of slide rail in forward direction.

5 Remove driver's seat.

**Installation**

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6 For installation proceed vice versa.

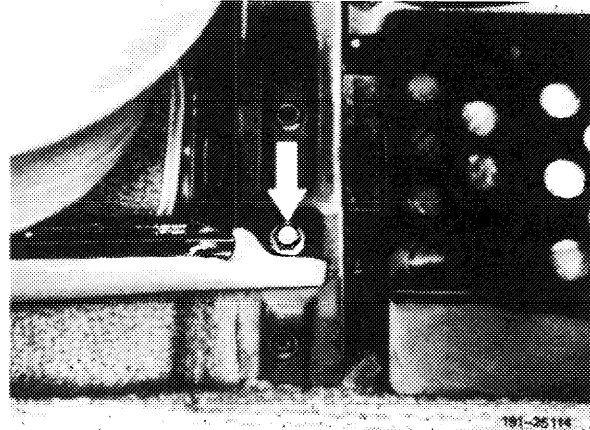


**Removal**

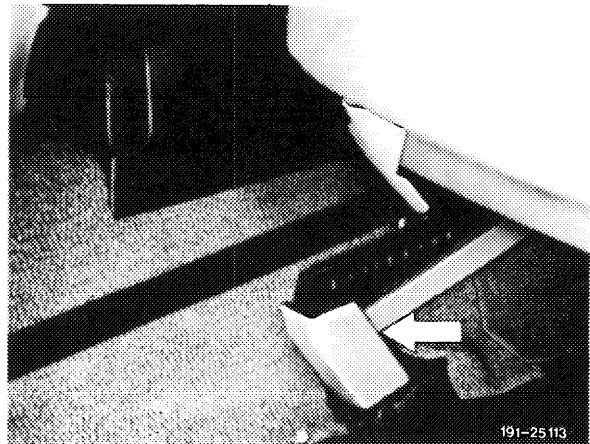
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1 Slide front passenger's seat toward the rear and unscrew both screws at seat guide rails front.

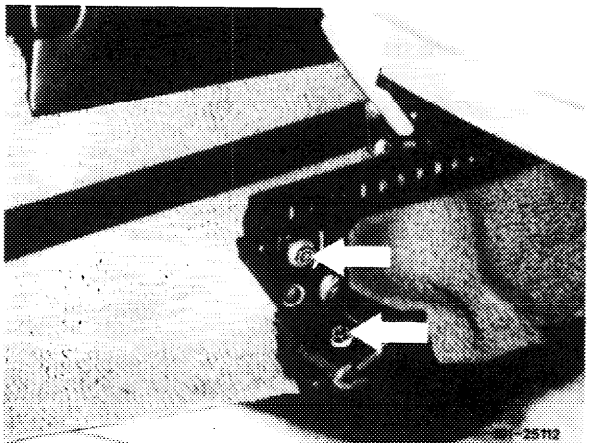
2 Slide front passenger's seat forward.



3 Push off covers at seat guide rails rear.

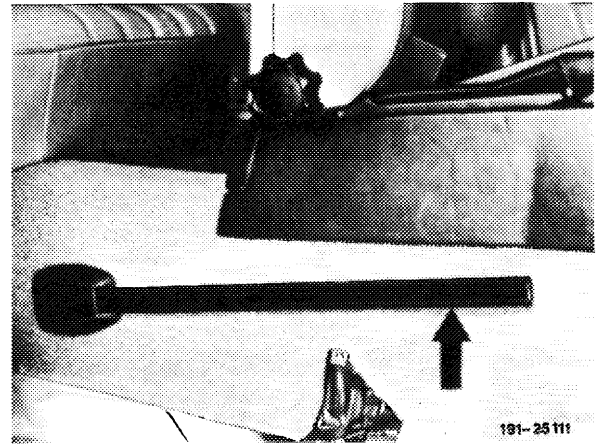


4 Unscrew screws on seat guide rails rear.



5 Slightly raise front passenger's seat and pull out of slide rail in forward direction.

6 Remove front passenger's seat.



### Installation

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7 Introduce front passenger's seat from the front into slide rail.

8 Position screws on seat guide rails rear.

9 Push front passenger's seat to the rear.

10 Position screws on seat guide rails front.

11 Tighten all fastening screws.

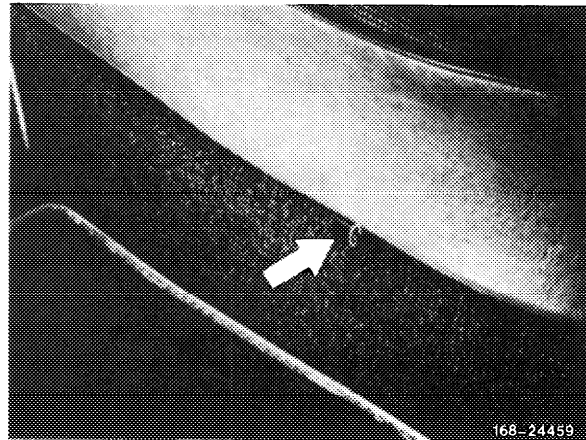
12 Clip covers for seat guide rails at the rear.

### Removal

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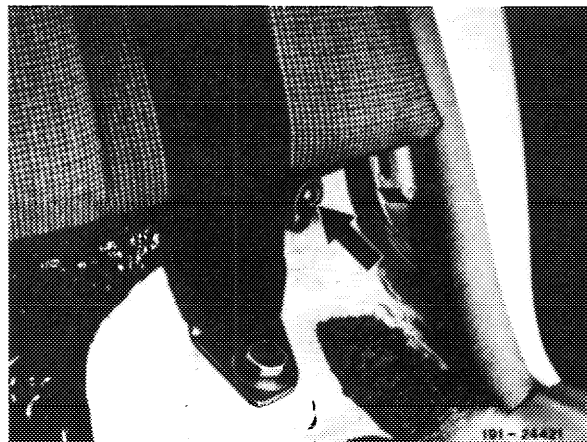
1 Push detent at left and right to the rear and lift rear seat at the front.

2 Lift out rear seat.



3 Unscrew the three screws on rear seat backrest below.

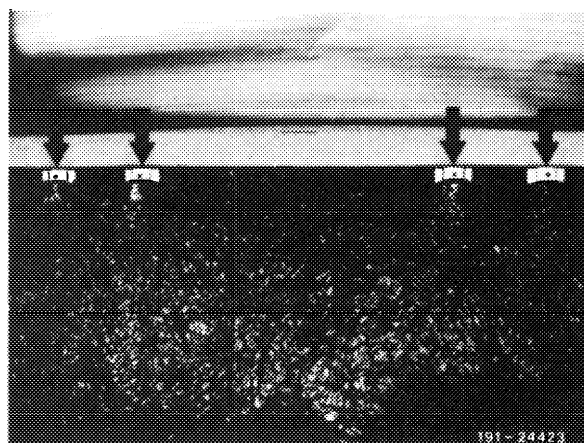
4 Push rear seat backrest in upward direction out of holders and remove.



### Installation

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5 When installing rear seat backrest make sure that the 4 holders are engaging in rear seat backrest frame at top.

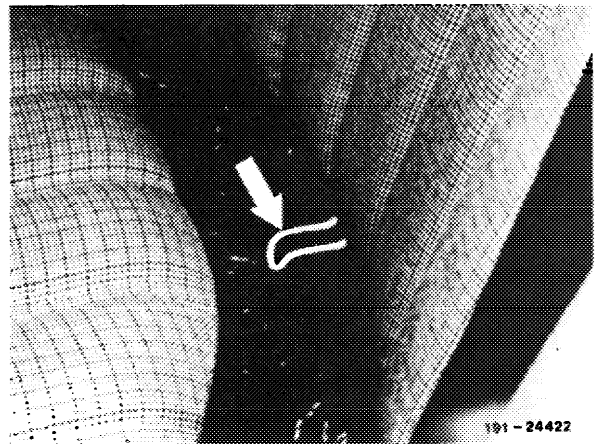


6 Screw down rear seat backrest below.



7 Introduce rear seat into rear holding brackets and push at front into detent.

8 For further installation proceed vice versa.



## 91-180 Removal and installation of cover on driver's seat cushion

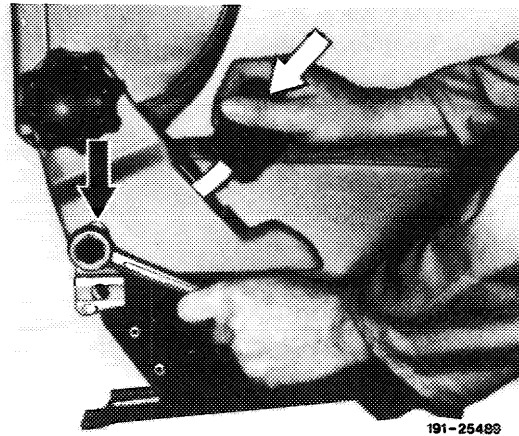
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### Removal

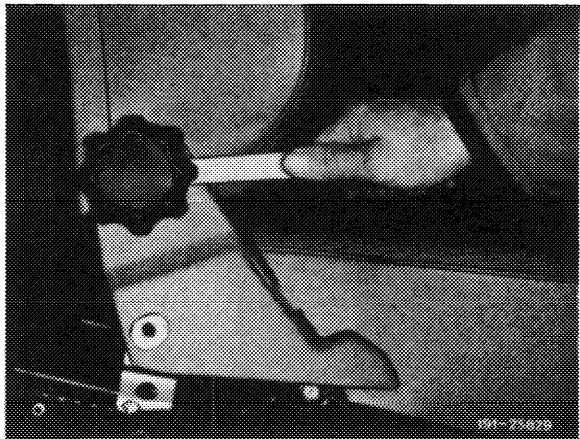
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1 Remove driver's or front passenger's seat (91-100 or 91-I 10).

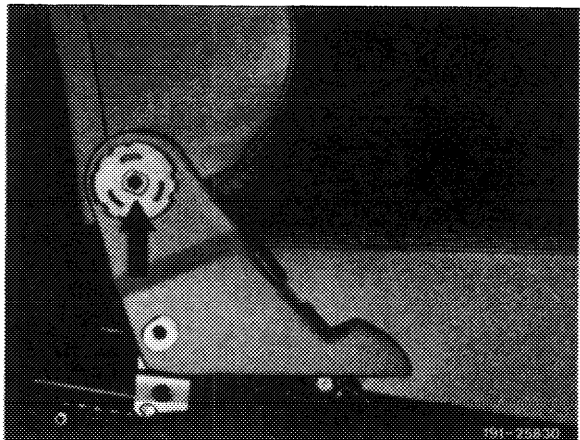
2 Unscrew screw on belt lock and remove belt lock.



3 Press off hand wheel by means of a wedge.

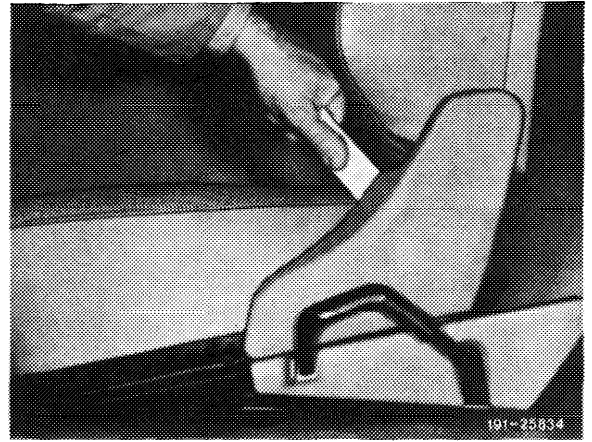


4 Unscrew screw and remove plastic disc.



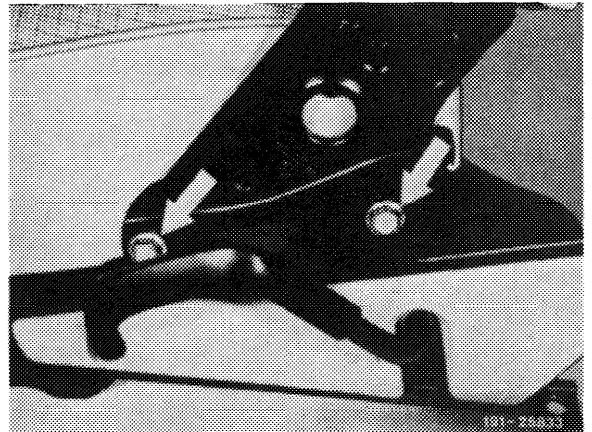


5 Carefully press off lining of reclining seat fitting left and right.

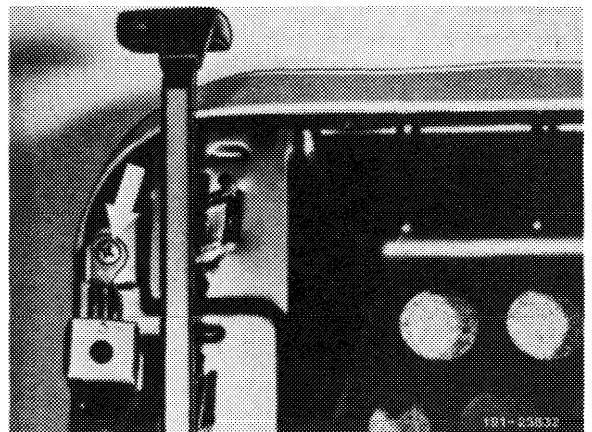


6 Unscrew screws on both sides of driver's seat cushion.

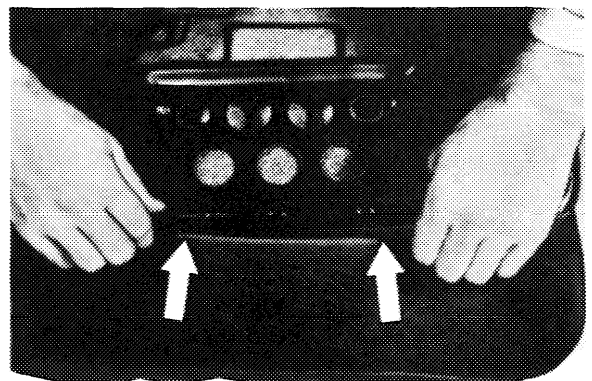
7 Remove driver's seat backrest from seat cushion.



8 Unscrew screw on seat rail left and right and remove seat rail from cushion frame.



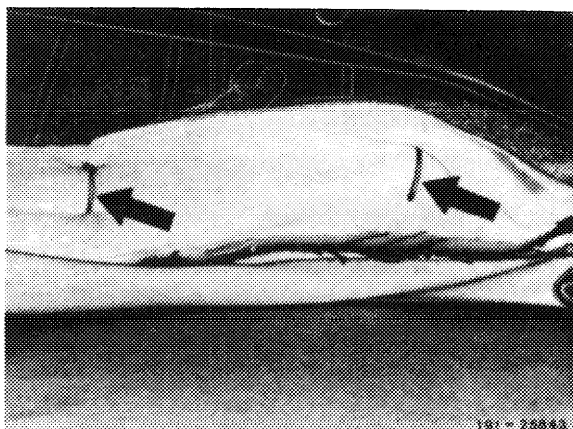
9 Put cushion with cover down on a suitable pad and remove cover all-around cushion frame. For this purpose, press down on spring box.



191 - 25844

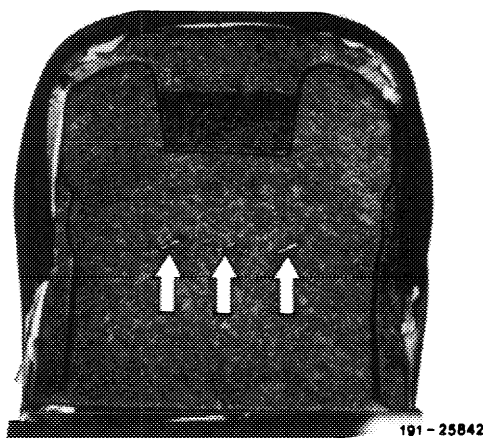
10 **Pull out** round-wire clamps from rubber hair mat.

11 **Remove** rubber hair mat with seat cover from seat cushion frame.



12 **Open stapling** hooks.

13 Remove cover from rubber hair mat.

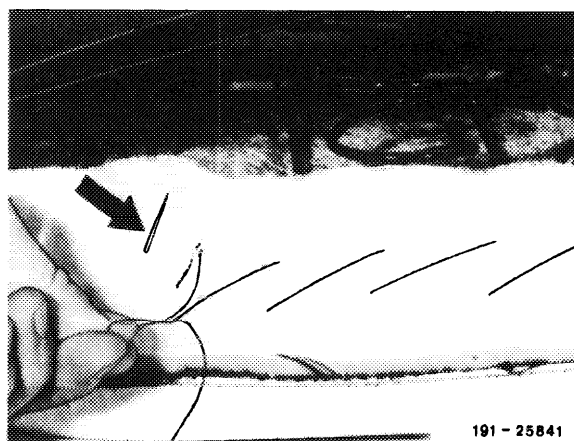


## Installation

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14 **For installation proceed vice versa.**

**Note:** Attach nettle fabric and rubber hair mat on cushion frame by means of upholstery yarn (instead of round-wire clamps).



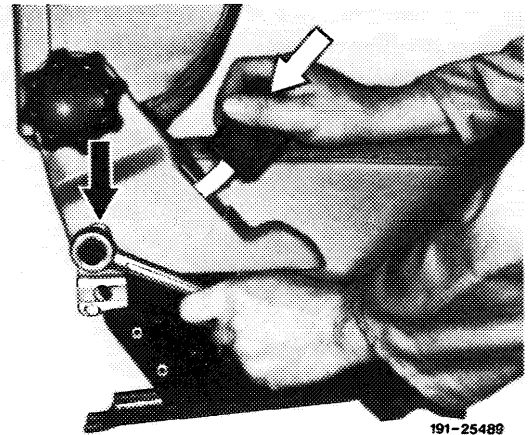
## 91-182 Removal and installation of cover on driver's seat backrest

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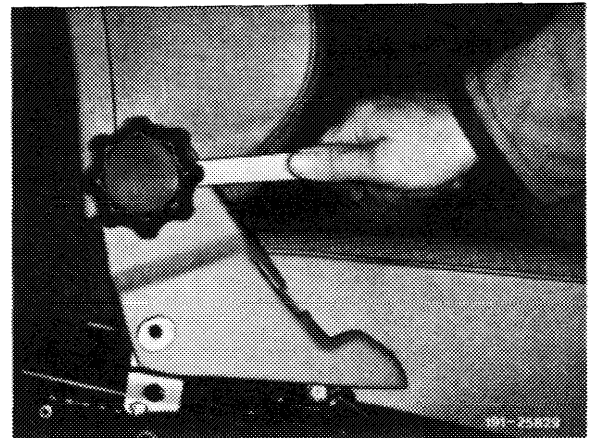
### Removal

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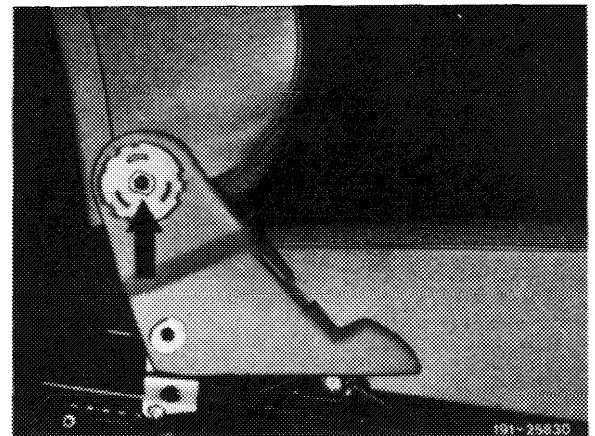
- 1 Remove driver's or front passenger's seat (91-100 or 91-110).
- 2 Remove headrest.
- 3 Unscrew screw on belt lock and remove belt lock.



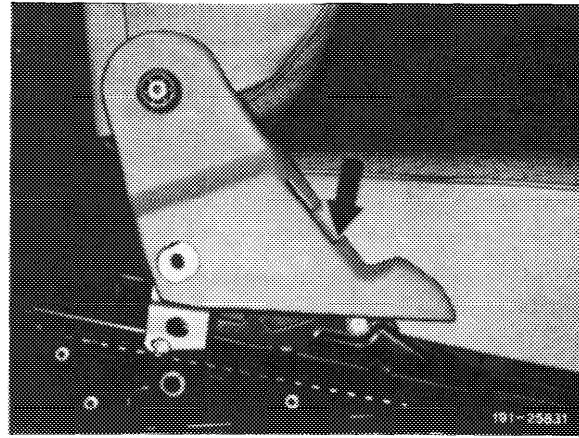
- 4 Press off hand wheel by means of a wedge.



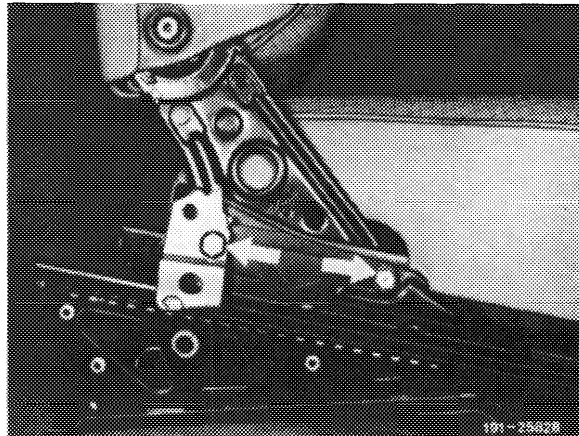
- 5 Unscrew screw and remove plastic disc.



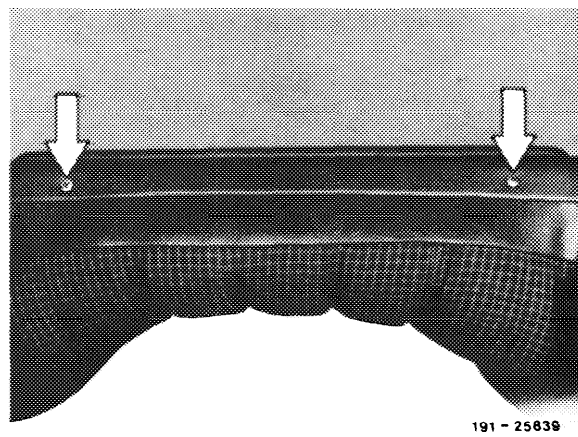
6 Carefully press off lining on reclining seat fitting.



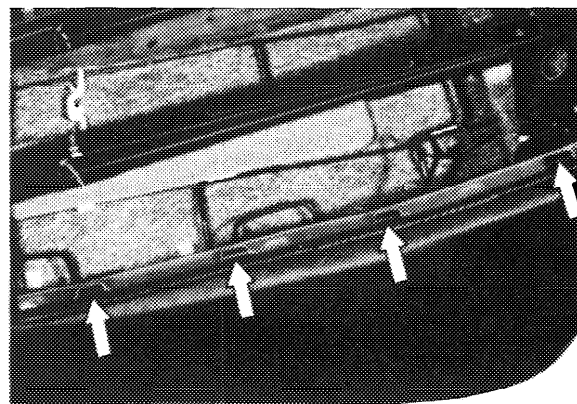
7 Unscrew screws on both sides of cushion frame and remove backrest from cushion frame.



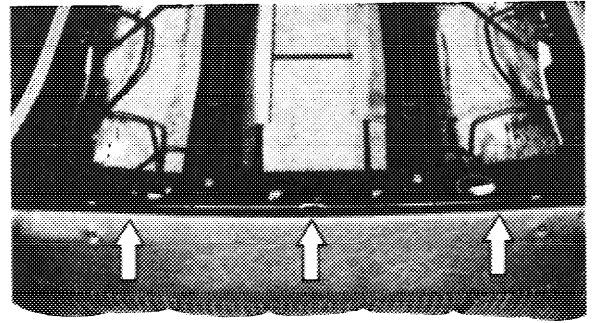
8 Unscrew screws on stretching element, pull stretching element downwards and remove.



9 Lift off backrest cover left and right starting from below. For this purpose, compress backrest frame.

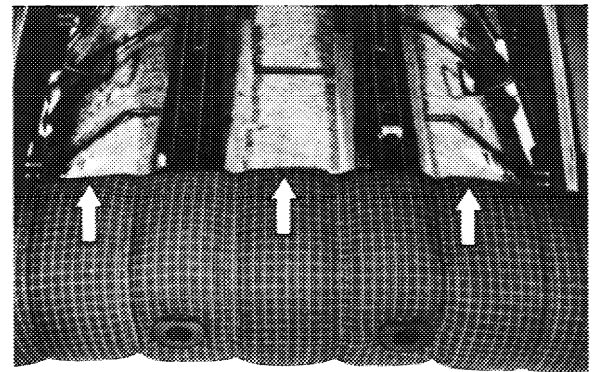


10 Unclip backrest cover at bottom.



191 - 25836

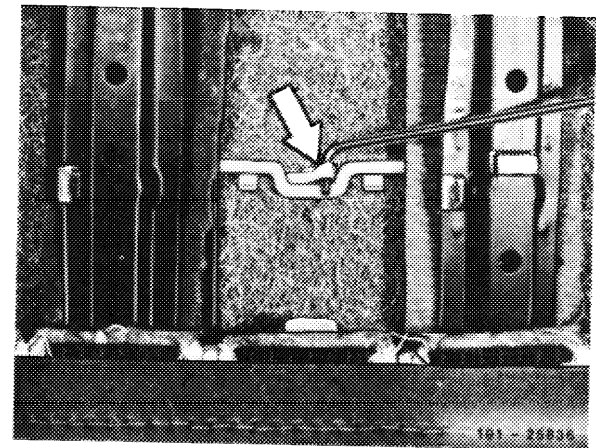
11 Unclip backrest cover at top.



191 - 25837

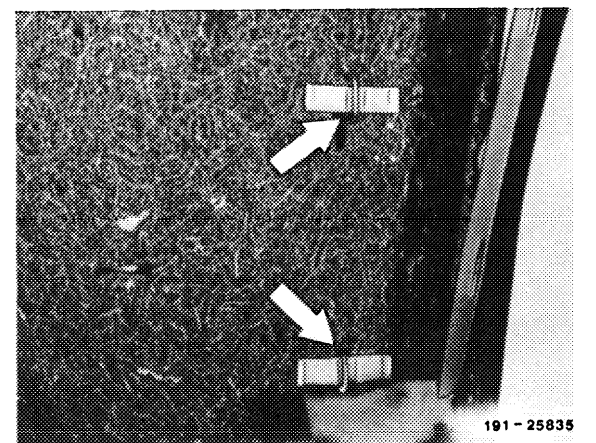
12 Unclip stretching strips on plastic clamp.

13 Remove rubber hair mat from backrest frame.



191 - 25838

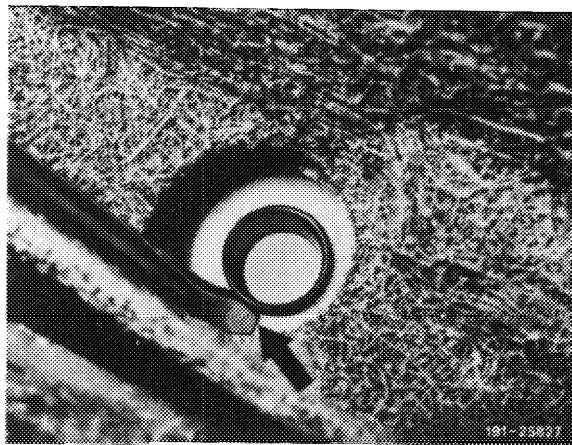
14 Unclip clamps on reverse side of rubber hair mat and loosen nettle fabric pinned thereto.



191 - 25835

15 Break open both plastic discs of flat eye of head-rest guide by means of slotted screwdriver, and remove flat eye from cover.

16 Remove cover from rubber hair mat.



### Installation

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17 For installation proceed vice versa.

**Note:** Sew nettle fabric to rubber hair mat by means of upholstery yarn (instead of round-wire clamps).

**Note**

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When reeling up belt, any noise on automatic reeling mechanism is operational.

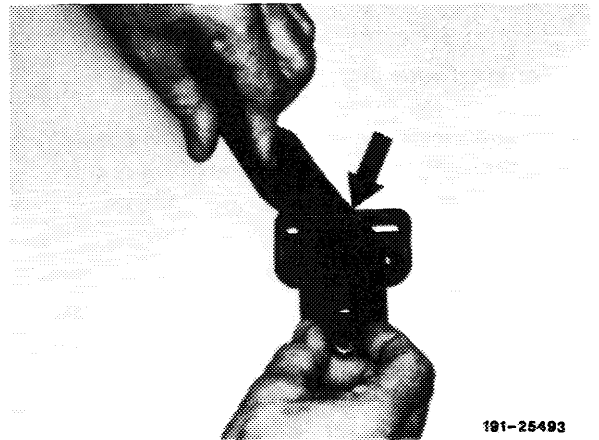
In the event of complaints, unacceptable noise can be eliminated only by exchanging safety belt. Never use oil or grease to eliminate noise.

Likewise, do not disassemble automatic reel, since preloaded spring may cause accidents. Any automatic reels opened will not be accepted for warranty claims.

**Latch on belt twisted**

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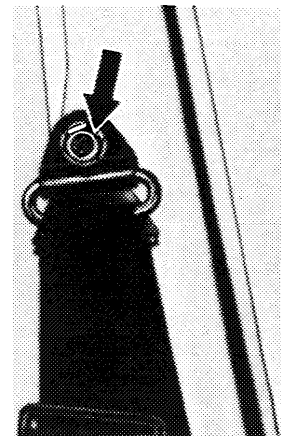
If the latch on belt has been twisted, pull back to its normal position as shown on illustration.



**Removal**

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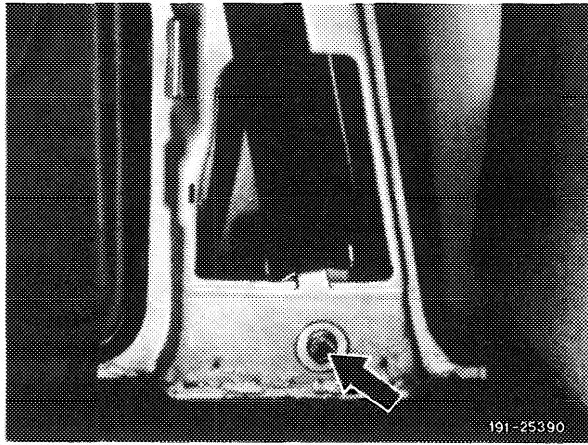
- 1 Remove paneling on center pillar (68-470).
- 2 Unscrew screw on belt guide fitting.





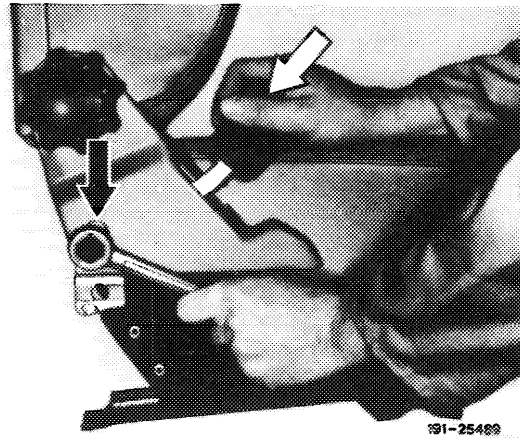
3 Unscrew screw on automatic reel and remove automatic reel.

4 Remove driver's seat or front passenger's seat (91-100 or 91-110).



5 Unscrew screw on belt lock while applying counterhold on belt lock.

6 Remove belt lock.

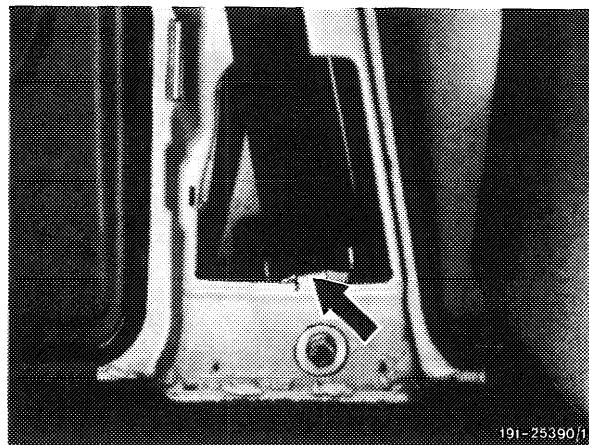


### Installation

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7 For installation proceed vice versa.

**Note:** When installing automatic reel, pay attention to perfect seat of locking mechanism (arrow).





**Note**

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When reeling up belt, any noise on automatic reeling mechanism is operational.

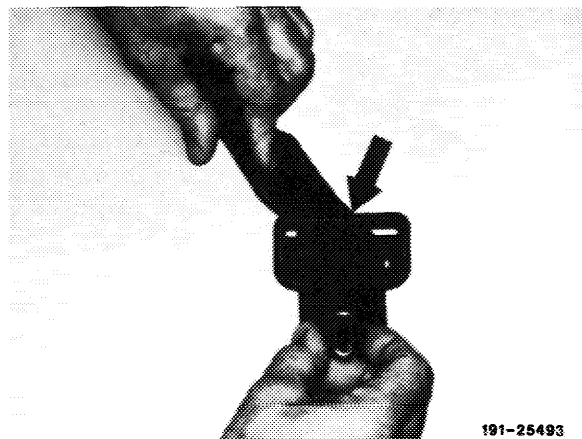
In the event of complaints, unacceptable noise can be eliminated only by exchanging safety belt. Never use oil or grease to eliminate noise.

Likewise, do not disassemble automatic reel, since preloaded spring may cause accidents. Any automatic reels opened will not be accepted for warranty claims.

**Latch on belt twisted**

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If the latch on belt has been twisted, pull back to its normal position as shown on illustration.



191-25493

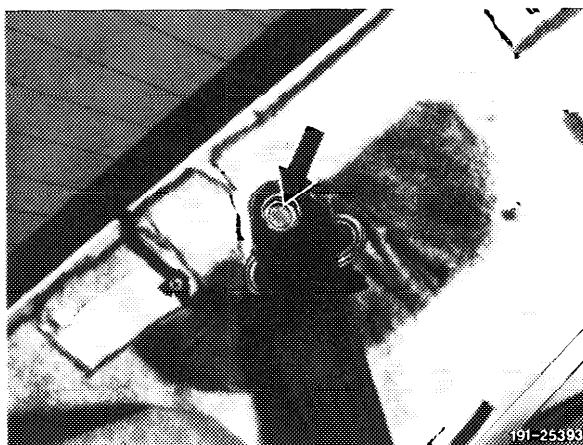
**Removal**

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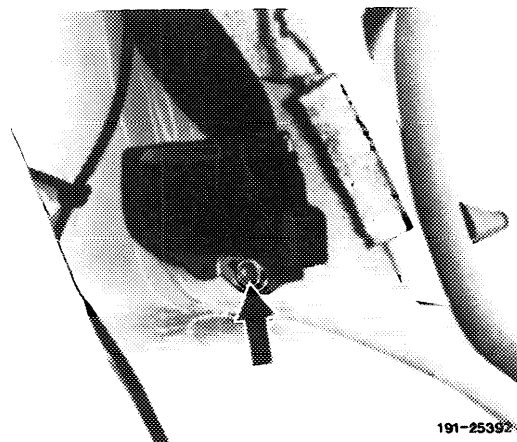
- 1 Remove paneling on rear pillar(68-449).
- 2 Remove rear seat backrest (91-I 70).

3 Unscrew fastening screw on rear pillar.

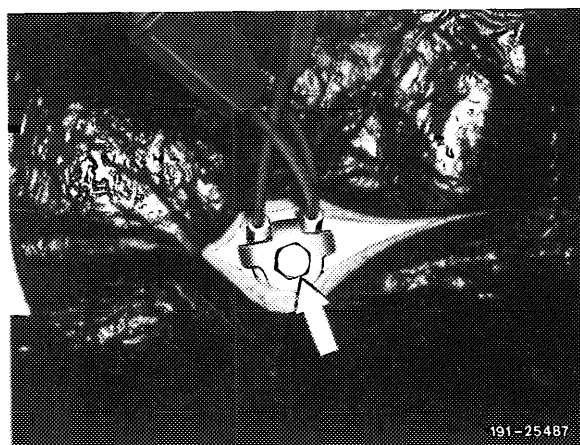
4 Unclip insulating (damping) mat on rear wall in range of automatic reel.



5 Unscrew screw on automatic reel and remove automatic reel.



6 Unscrew screw on belt lock and remove belt lock.

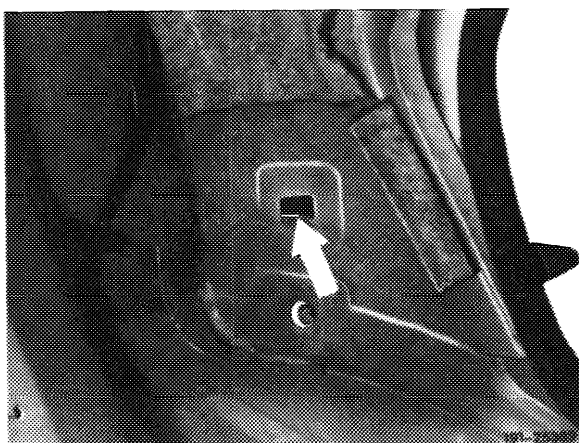


## Installation

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7 For installation proceed vice versa.

**Note:** When installing automatic reel, pay attention to perfect seat of locking mechanism (arrow).



**Note**

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Belt tensioners are installed since September 1984.

Check or renew belt tensioner (refer to airbag and belt tensioner 91-750).

**A. For mechanical damage**

If safety belts are inexpertly handled (cleaned wrongly, put away in unfavorable location or pinched), the belt strap may suffer damage.

For this reason, perform a visual checkup of belts during each maintenance service.

If the belt shows cut fibres or e.g. damage caused by a burning cigarette, inform customer about the need for changing belt. Chafing marks without cut fibres do not require a change of safety belt.

If a customer refuses replacement of a damaged belt, a pertinent remark should be made on repair order.

In the event of a complaint "safety belt not reeling up correctly", check prior to removal whether belt is guided back manually as specified and whether in-expert handling may have resulted in twisting the belt behind the lining by 180°. Remove lining for this purpose.

**B. Following accidents**

**Note**

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Renewal of a complete safety belt or individual, damaged parts such as holding rail, automatic reel or belt lock, depends on visible deformations.

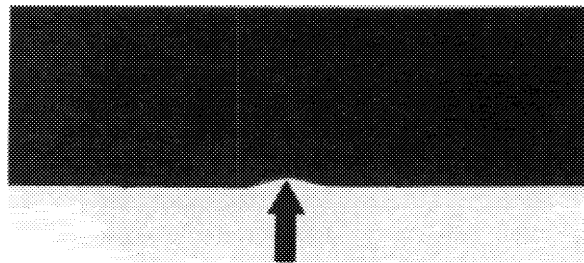
## Characteristic damage

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### Stage 1

1 Plastic coating of holding rail dented. Seat can no longer be correctly adjusted.

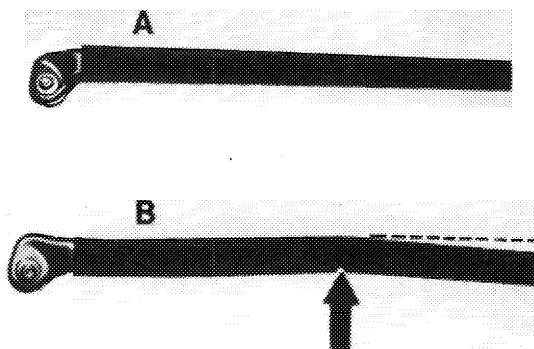
Remedy: Renew holding rail.



191-20389

2 Holding rail deformed. Seat can no longer be correctly adjusted.

Remedy: Renew holding rail.



Shown on model 123

A Holding rail not damaged  
B Holding rail distorted

191-16072

### Stage 2

1 Holding rail badly distorted. Seat can no longer be adjusted.

2 Automatic reel not functioning.

Remedy: Renew holding rail and automatic reel.