

91-167 R and R orthopedic seat backrest padding

Note

The padding and the valve can be checked for leaks by means of a pressure gauge.

Checking padding for leaks

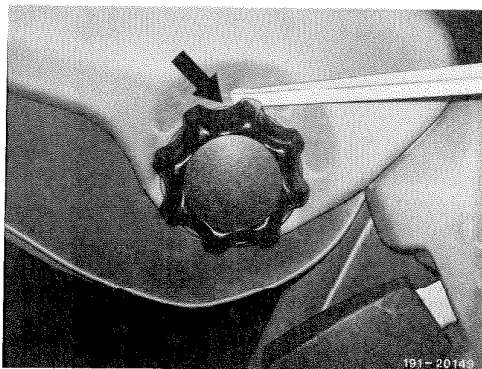
Test pressure max. 160 mbar.
Pressure loss max. 25 mbar in 16 hours.

Checking valve for leaks

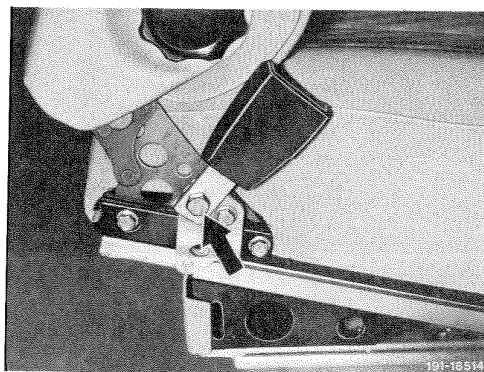
Test pressure max. 100–200 mbar.
Pressure loss max. 10 mbar in 1 minute.

Removal

- 1 Remove driver's seat (91-100 or 91-110).
- 2 Force off hand wheel with plastic wedge and remove rosette.

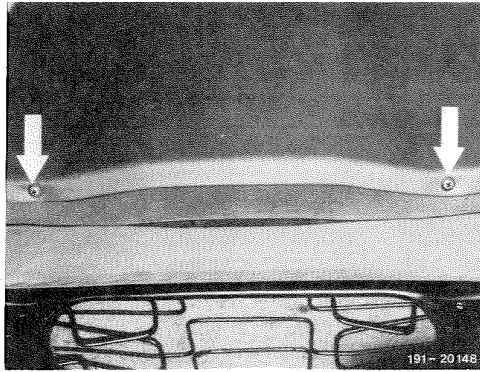


- 3 Remove cover molding on driver's seat fitting and unscrew screw on belt lock.



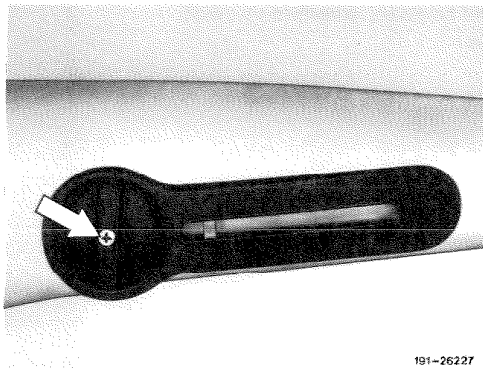
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4 Unscrew sheet metal screws on driver's backrest lining below.



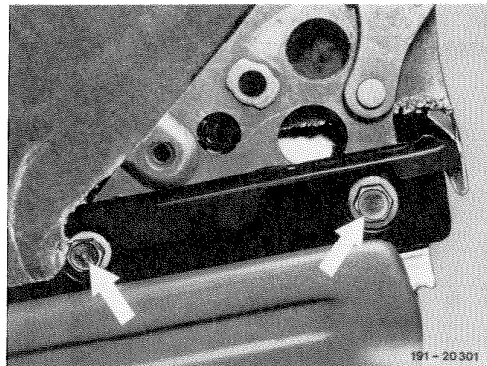
5 Unscrew screw from hand wheel for height adjustment and pull off hand wheel only to the extent that the hand wheel is separated from hexagon.

6 Pull out lining of driver's backrest in downward direction while carefully lifting lining laterally in outward direction over backrest adjusting device and hex head of shaft for adjusting padding.



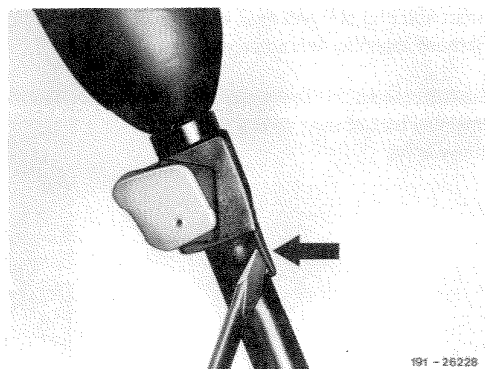
7 Unscrew screws on driver's cushion frame left and right.

8 Remove driver's backrest.



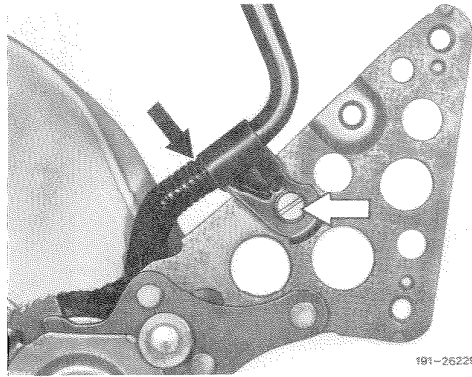
9 Pull valve from holder, lift lock for this purpose.

10 Pull air hose from valve and pull out of plastic tube.

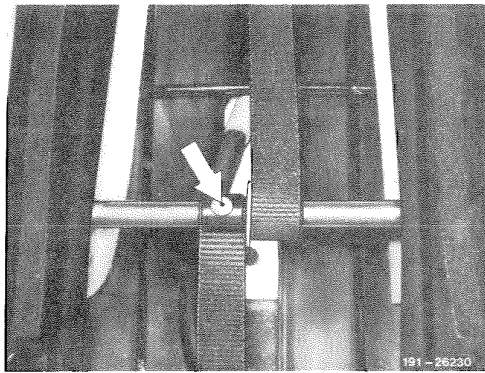


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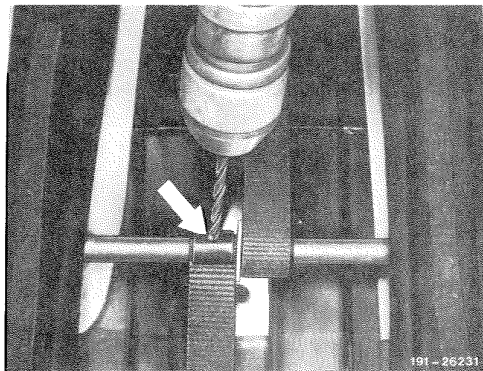
11 Unscrew holder from backrest fitting and pull from plastic tube.



12 Turn shaft of height adjustment so that rivet head can be seen.

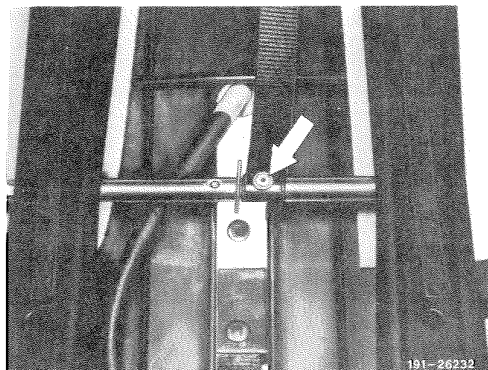


13 Drill off rivet head with 4.5 mm dia. drill and remove adjusting belt with shell.



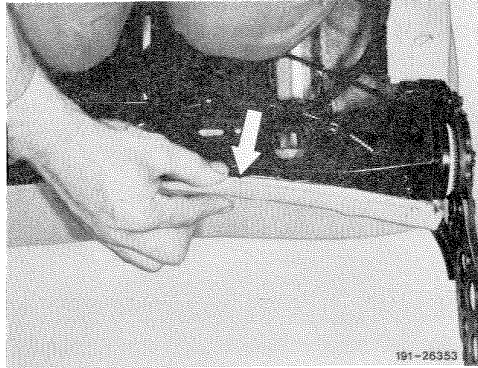
14 Turn back shaft and drill off rivet head of upper adjusting belt. Remove adjusting belt and shell from shaft.

15 Drill out remaining part of rivet with 4.0 mm dia. drill and remove chips.

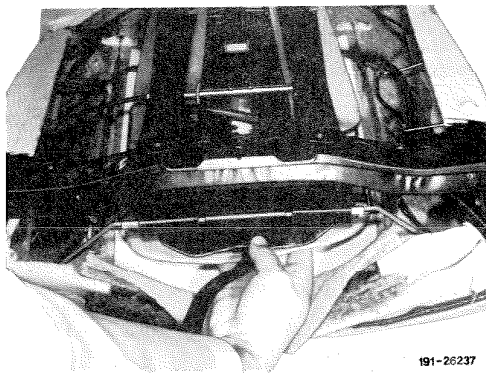


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16 Disengage covering on frame below. For this purpose, place backrest with covering downward on a suitable support and compress frame.

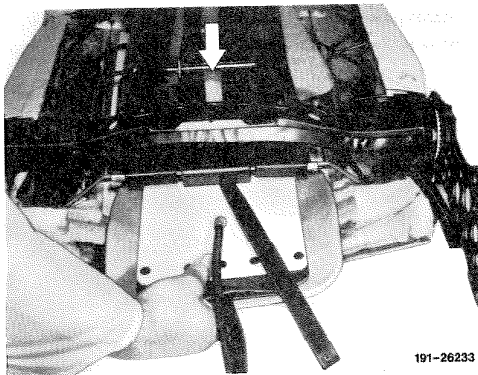


17 Pull out padding in downward direction, pulling air hose along.

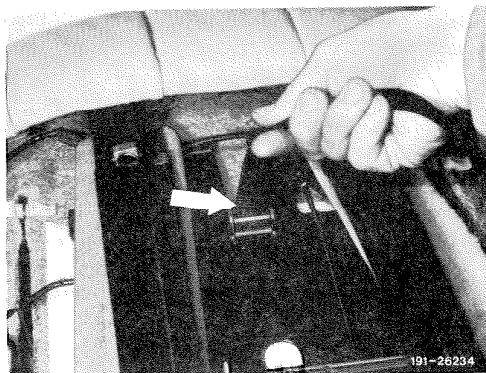


Installation

18 Slip padding from below in-between plate and rubber hair mat. Simultaneously (with connection pointing downward) pull air hose through cutout (arrow) and introduce into plastic pipe.



19 Pull adjusting belt at top over plate and grease at joint with MB Slide paste 000 989 31 51.

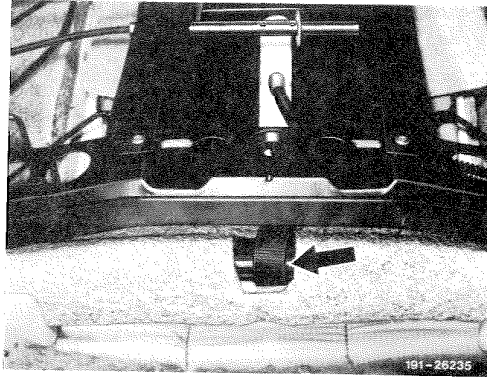


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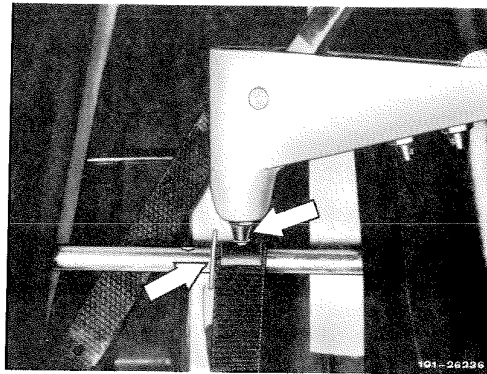
20 Pull out lower adjusting belt below over plate and grease joint with MB Slide paste 000 989 31 51.

Attention!

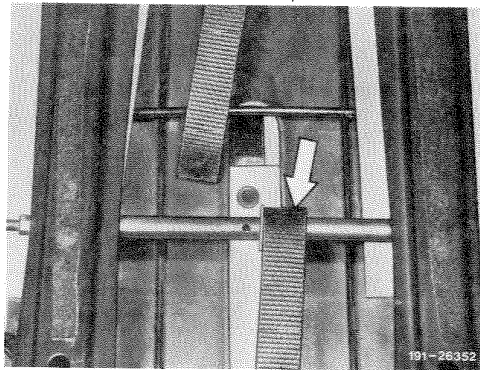
Do not place lower adjusting belt under connecting shaft of backrest adjustment.



21 Rivet lower adjusting belt with 4 mm dia. blind rivet to shaft. Make sure that the plastic washer on shaft is between the two adjusting belts.



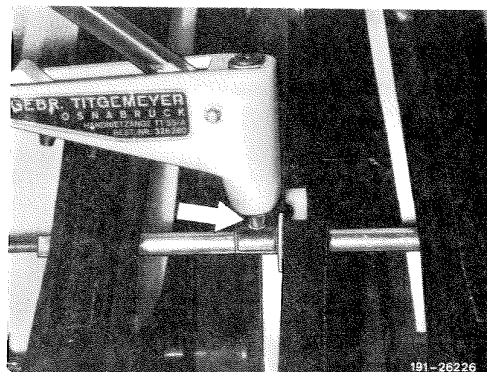
22 Turn shaft counterclockwise to wind up adjusting belt until the padding is pulled completely down.



23 Rivet upper adjusting belt with 4 mm dia. blind rivet and shell to shaft.

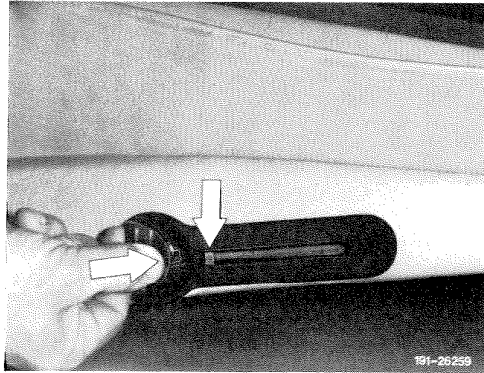
24 Introduce lining of driver's backrest from below, while pulling laterally in outward direction.

Note: Prior to installing lining, turn padding completely down.



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25 Plug hand wheel of height adjustment on hex head of shaft in such a manner that the indication in sight glass of rosette is in its lowest position.



26 Turn screw into hand wheel.

27 For further installation proceed vice-versa.

Note: Introduction of air hose into mounting bracket is facilitated by greasing the hose end outside with MB-Slide paste 000 989 31 51.

