

77-180 R and R mounting bracket with motor and gear unit (round motor)

A. Sliding roof

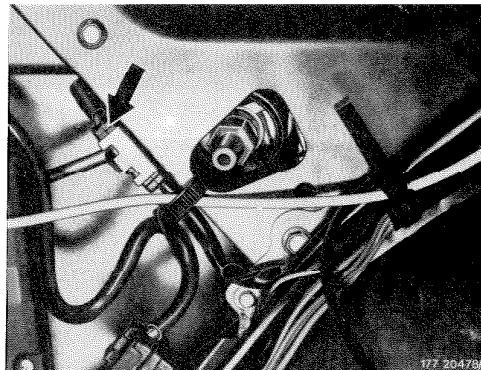
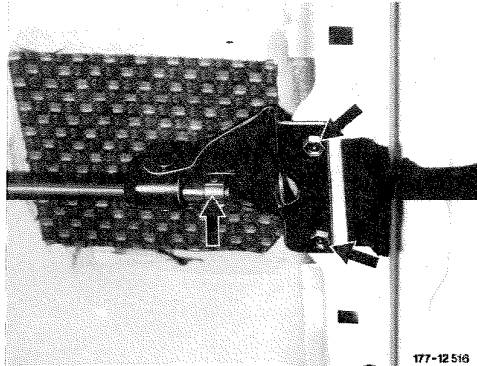
Note

For trouble diagnosis on electric sliding roof, refer to „Programmed repairs“ at end of this microfiche.

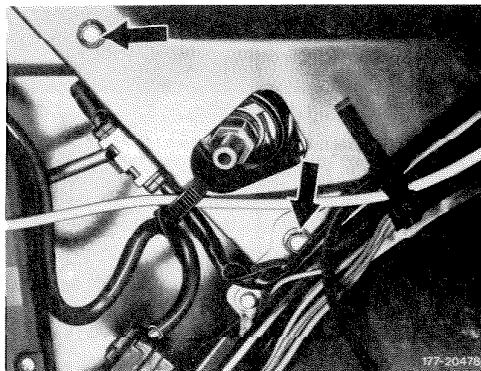
a) Control can be removed

Removal

- 1 Remove sliding roof head lining.
- 2 Unscrew connecting plate at front of roof frame and push-out connecting clamp on Teleflex control.
- 3 Let control run forward out of gear unit of sliding roof motor.
- 4 Remove cover in trunk at the left (68-480).
- 5 Separate electric connection on sliding roof motor.



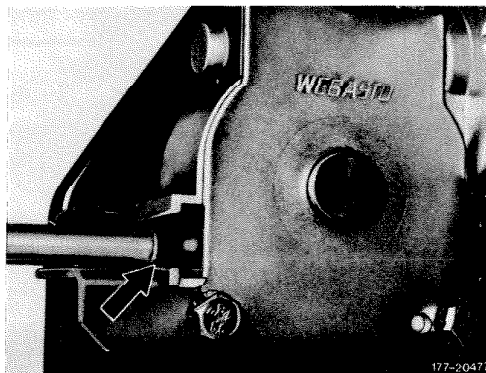
- 6 Unscrew fastening screws on mounting bracket.



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7 Separate both tubings from gear unit.

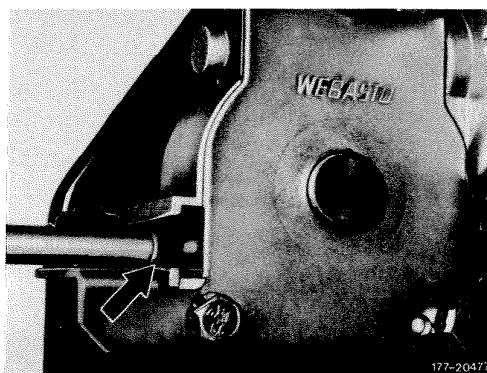
8 Remove mounting bracket with motor and gear unit.



Installation

Note: When mounting both tubings by means of clips, make sure that the bead on tubing is slipped into groove on gear unit.

9 For installation proceed vice versa.



Note

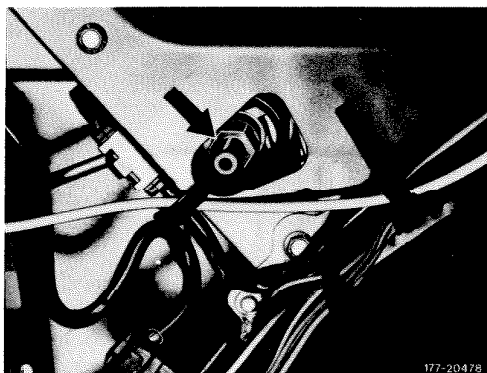
If the control is stuck, disassemble drive gears.

b) Control cannot be removed

Removal

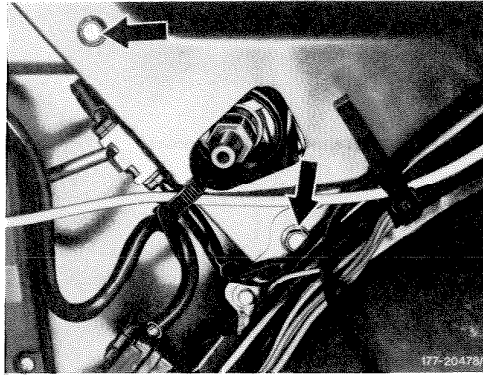
1 Remove cover in trunk at left (68-480).

2 Push off plastic cap for emergency crank drive and unscrew hex. nut underneath, while applying counterhold for gear shaft by means of an open-end wrench SW6 at the place provided for this purpose.

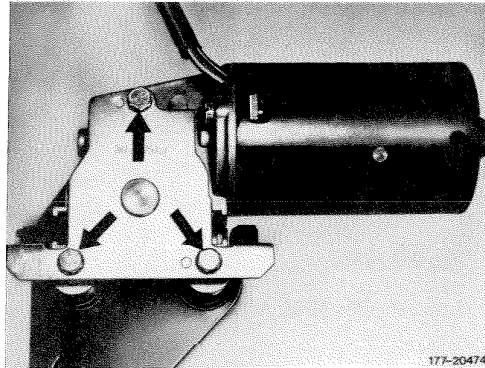


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- 3 Unscrew fastening screws on mounting bracket.

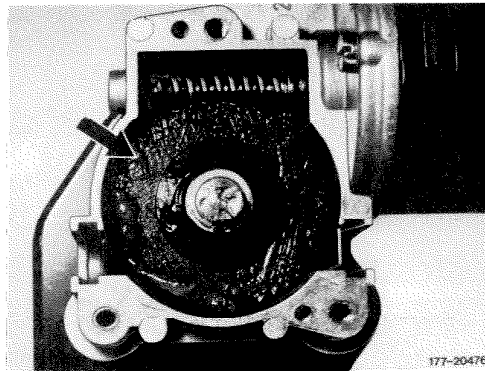


- 4 Slightly turn mounting bracket together with motor and unscrew cover on back of gear housing.



Shown with motor removed

- 5 Remove gear cover and take out large worm gear.
6 Remove mounting bracket with motor and gear unit.



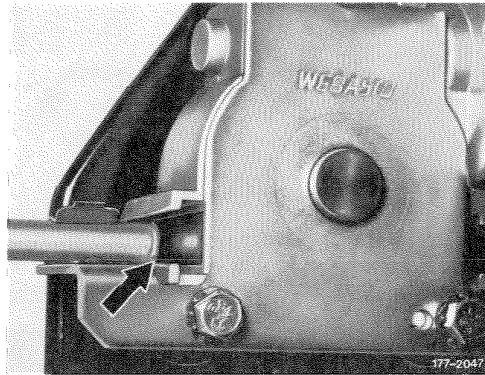
Shown with motor removed

Installation

- 7 Assemble gear unit.
8 Install mounting bracket with motor and gear unit.
9 For further installation proceed vice versa.
10 Set slip clutch on gear unit (77-195).

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Note: When fastening both tubings by means of clips, make sure that the bead on tubing is slipped into groove on gear unit.

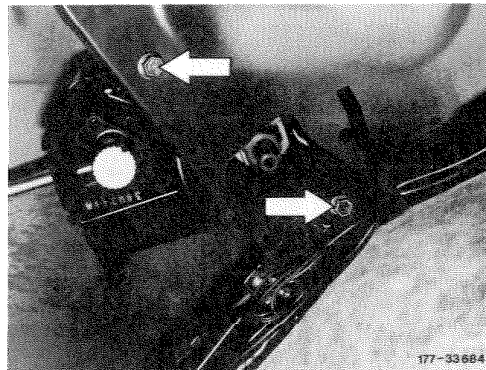


B. Sliding-lifting roof

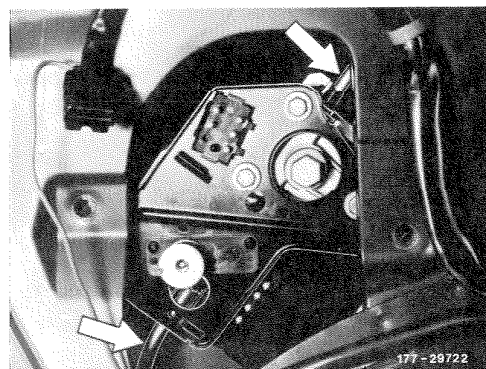
a) Control can be removed

Removal and installation

- 1 Remove control (77-140).
- 2 Remove cover in trunk, left (68-480).
- 3 Pull electric connection from sliding-lifting roof motor and unscrew fastening screws.



- 4 Separate tubing, as well as outlet pipe of gear unit.
- 5 Remove holder with motor and gear unit.

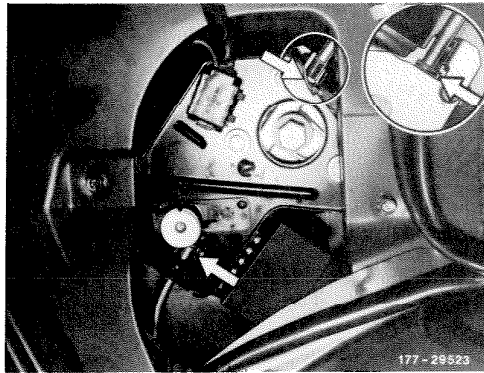


Shown on model 124

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6 Install in vice-versa sequence.

Note: When fastening both tubings by means of clips, make sure that the bead on tubing is slipped into groove on gear unit.



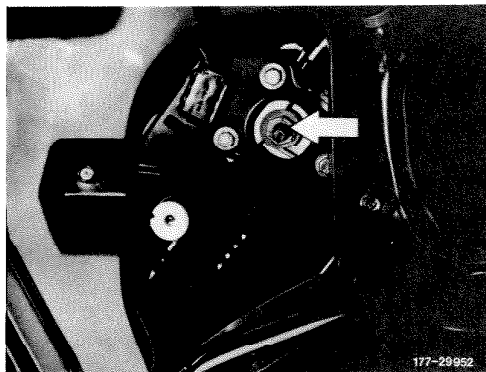
Shown on model 124

b) Control cannot be removed

Removal

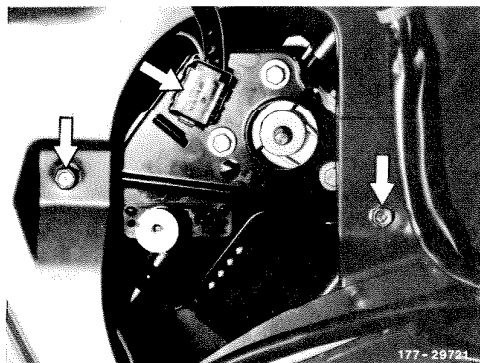
1 Remove cover in trunk, left.

2 Force off plastic cap for emergency crank drive and unscrew hex. nut (17 mm) located underneath, while holding gear unit shaft in place at the spot provided for this purpose by means of a fork wrench (6 mm).



Shown on model 124

3 Unscrew fastening screws on holder and pull electric connection from sliding-lifting roof motor.

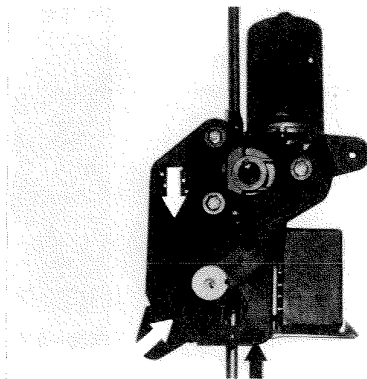


Shown on model 124

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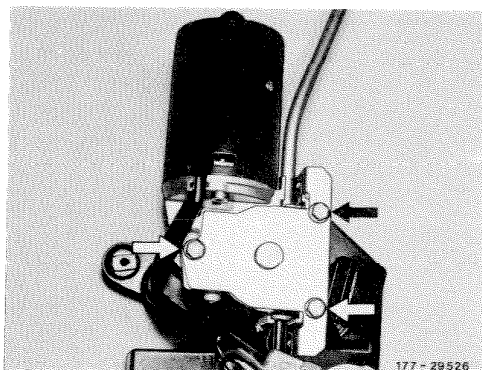
- 4 Remove plastic cover from holder.

Shown with motor removed



- 5 Slightly turn holder with motor and unscrew cover on gear unit housing on back.

Shown with motor removed

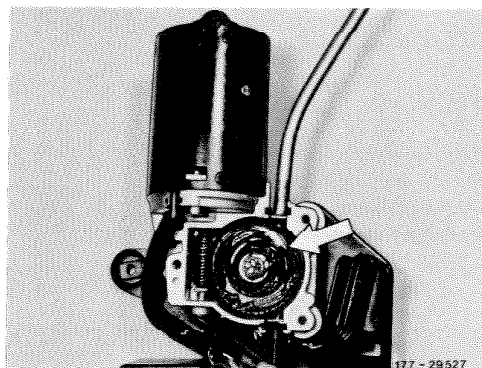


- 6 Remove gear unit cover, removing holding clamp from clip and take off gearwheel.

- 7 Remove holder with motor and gear unit.

- 8 Pull control in forward direction out of tubing.

Shown with motor removed



Installation

- 9 Assemble gear unit.

- 10 Install holder with motor and gear unit.

Note: When fastening both tubings by means of clips, make sure that the bead on tubing is slipped into groove on gear unit.

- 11 For further installation proceed vice versa.

- 12 Adjust slip clutch on gear unit (77-195).

Shown on model 124

