

## 77-195 Checking and adjusting sliding roof motor clutch (round motor)

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### A. Sliding roof

#### Checking

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- 1 Open sliding roof by half.
- 2 Pull off cover above emergency crank drive and plug socket 21 mm (long) on emergency crank drive.
- 3 Plug torque wrench on socket and hold in place.
- 4 Let a helper operate sliding roof switch and read torque. Nominal value 5–6 Nm.
- 5 Pull off socket and mount cover above emergency crank drive.

#### Adjustment

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- 1 Close sliding roof with increasing torque and open sliding roof with decreasing torque.
- 2 Push off cover above emergency crank drive.
- 3 Pull off red plastic cap for emergency crank drive and screw-in hex. nut underneath to increase torque, and screw out to reduce torque.
- 4 Turn hex. nut max. by 60°, then push-on red plastic cap and check torque. Adjust torque, if required.

#### Attention!

Make sure that slip clutch is not obstructed.

- 5 Push-on cover above emergency crank drive.

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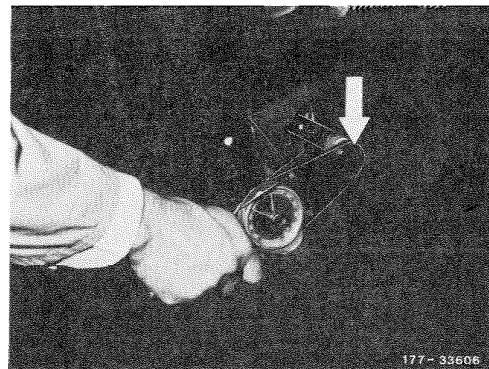
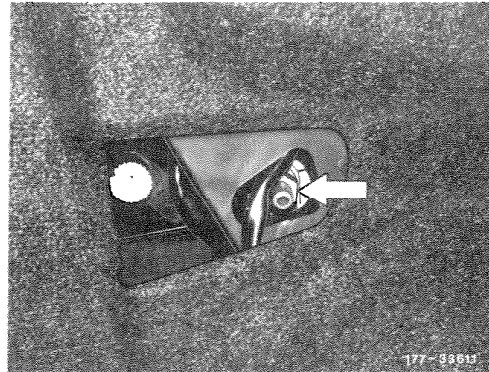
### B. Sliding-lifting roof

#### Checking

- 1 Open sliding-lifting roof by half.
- 2 Open cover above emergency crank drive and plug socket wrench element to emergency crank drive.

Width between flats: 16 mm on 6-cylinder engines  
21 mm on 8-cylinder engines

- 3 Plug torque wrench to socket wrench element and hold in place.
- 4 Let a second person actuate sliding-lifting roof switch and read torque.  
Nominal value 6-7 Nm.
- 5 Pull off socket wrench element and close opening above emergency crank drive.



#### Adjustment

- 1 Open cover above emergency crank drive.
- 2 Pull off plastic cap for emergency crank drive and screw in hex. nut underneath to increase torque, and screw out to reduce torque.

**Note:** Hold gear shaft in position with an open-end wrench (6 mm) at the flats provided for this purpose.

- 3 Turn hex. nut by max. 60°, then force on plastic cap and check torque, readjust if required.

#### Attention!

Make sure that the slip clutch is not locked.

- 4 Close opening above emergency crank drive.

