

WINDSHIELD WIPER ASSEMBLY

From

Coupe identification-No. 117 601
identification-No. 210 001
Cabriolet identification-No. 155 601
Hardtop identification-No. 201 601

a modified, variable-speed windshield wiper unit will be installed.

General

The windshield wiper motor, with the attached reduction gearbox, is mounted on a support bracket behind the instrument panel. The windshield wiper arms are actuated by a bell crank which is mounted on the splined gearbox output shaft.

The wiper motor is controlled by a push-pull rheostat switch on the instrument panel; by turning the switch knob, wiper arm speed can be progressively varied between 40 and 80 cycles per minute.

Removal

1. Remove wiper arms.
2. Remove rubbersleeve, hex. nut, cup washer and rubber cap.
3. Disconnect wires at snap-on connectors (refer to Fig. 1).

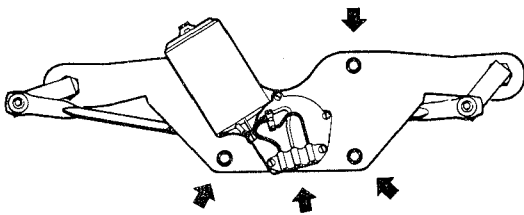


Fig. 1

4. Remove right joint bar from both ball sockets. Remove left joint bar from ball socket of the crank of the windshield wiper arm bearing.
5. Remove the 3 retaining nuts and withdraw support bracket with wiper motor (refer to Fig. 1).

Installation

Attention should be paid to the following points:

1. The removable joint bar (spare part No. 644.628.021.12) must be mounted on the right-hand side. An incorrect installation changes the transmission ratio and the switched off wiper arms do not return completely to the left end position.
2. A rubber spacer washer (spare part No. 999.704.122.50) must be installed between the crank of the windshield wiper arm bearing and the joint bar, see Fig. 2.
3. Make certain that the wires are properly connected, otherwise a discharge of the battery will occur. Before connecting the wire to a wiper motor terminal, check the color of the wire with that of the switch terminal.

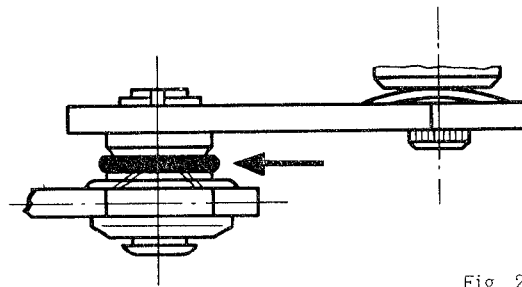


Fig. 2

4. In order to properly seal the holes in the body panelling, mount the rubber caps according to Fig. 3.

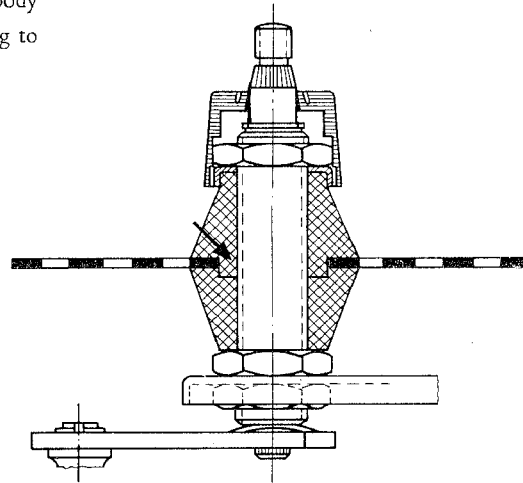


Fig. 3

Trouble and remedy

Rattling of the windshield wiper:

Check whether rubber spacer washers are mounted between the crank of the windshield wiper arm bearing and the joint bar; install these washers, spare part No. 999.704.122.50, if necessary.

Check whether the rivets of the tension piece for the wiper arm are properly fixed, if not, retighten the rivets.

The wiper rubber must turn after each wiper cycle. If it remains in one position, turn the wiper arm so that it travels parallel to the windshield.

Remove any traces of oil, as, owing to a different coefficient of friction, the wiper blades rattle at low speed.

Maintenance

Ballsockets of the joint bars require no servicing. Ascertain that wiper blades rest properly on the windshield, and that they have an equal amount of travel.