

# Removal and Installation of Front and Rear Door Lock Bolt

Job No.

72—21

## Removal:

1. Unscrew the fixing screws and remove the lock bolt.

## Installation:

2. Screw the lock bolt into place but do not tighten the screws. Close the door to enable the lock bolt to align with the striker. If necessary, correct the position of the lock bolt by adding or removing shims (7) (Fig. 72—21/1).

The shims are available in 3 different sizes:

Part No. 10 120 723 02 05	0.5 mm thick
Part No. 10 120 723 03 05	1.0 mm thick
Part No. 10 120 723 04 05	1.5 mm thick

With the door closed, shift the lock bolt by pressing the door in or pulling it out in such a way that both doors and the rear fender are aligned. Then open the door and tighten the fixing screws for the lock bolt.

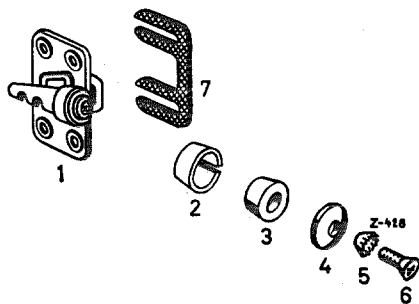


Fig. 72—21/1

- 1 Right lock bolt
- 2 Adjusting ring
- 3 Rubber core
- 4 Washer
- 5 Lock washer (V 5.3 DIN 6798)
- 6 Oval head countersunk screw (Am 5 × 15 DIN 7988)
- 7 Shim

3. Adjust the lock bolt so that there is no play; to do this,

- a) Release the adjusting ring (2) by backing out the oval head countersunk screw (6) by means of a Philips screw driver (see Fig. 72—21/1).

- b) Slightly back off the grub screw (1) at the door lock and adjust the cup (2) so that there is a maximum end play of 0.2 mm between the lock bolt and the cup (Fig. 72—21/2). The cup must not press against the lock bolt. Check by pressing against the closed door.

**Note:** If the cup is adjusted too tightly, there is a danger that the door may become disengaged during travel and be held only by the safety catch.

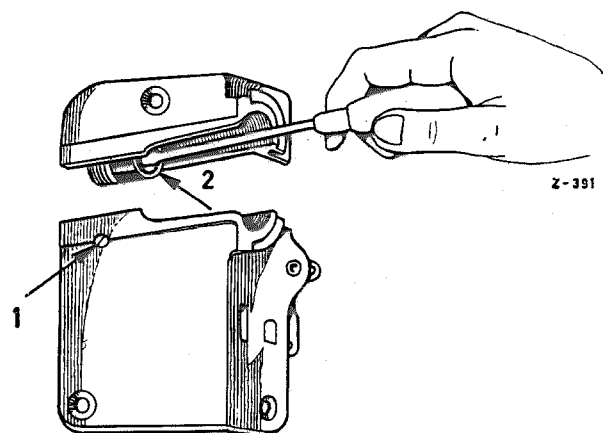
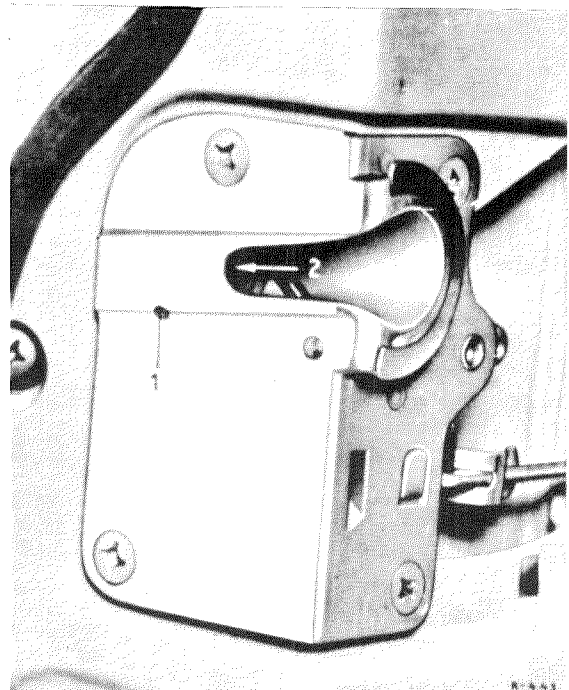


Fig. 72—21/2

- 1 Grub screw
- 2 Cup

4. After correctly adjusting the cup, retighten the grub screw (1) (see Fig. 72—21/2).
5. With the door closed, tighten the oval head countersunk screw (6) at the lock bolt by means of a Philips screw driver until the tension of the rubber core (3) is great enough to press the adjusting ring (2) firmly into the lock cone.

**Note:** The slot (1) of the adjusting ring must be at the side of the lock bolt anchorage (Fig. 72—21/3).

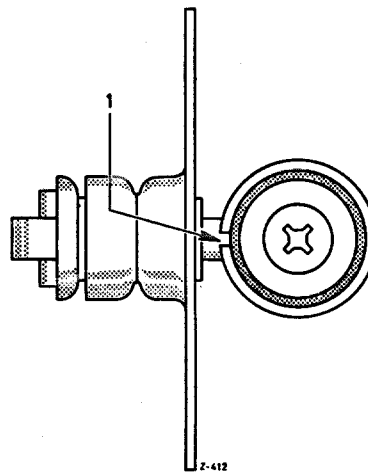


Fig. 72—21/3

Job No.

72—22

## Removal and Installation of Left or Right Front or Rear Door

### Removal:

1. Remove the attaching parts at the front or rear door as required (see Job Nos. 72—2 to 72—20 and Job Nos. 73—8 to 73—14).

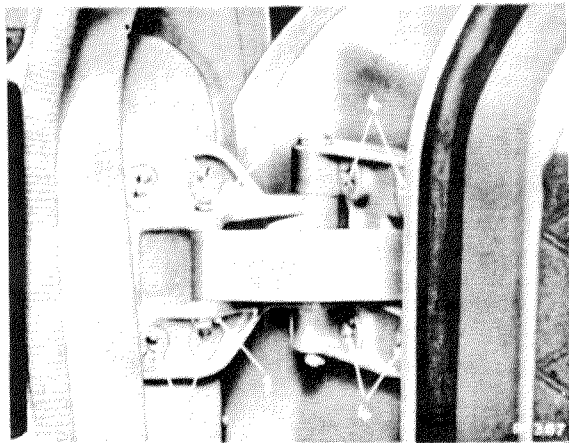


Fig. 72—22/1

- 1 Cotter pin
- 2 Door check pin
- 3 Door check strap
- 4 Fixing screw
- 5 Fixing screw

2. Unscrew the hinge screws (5) (Fig. 72—22/1) at the upper and lower hinge and remove the front door together with the hinges.

### Installation:

3. Installation is the reverse of the removal procedure. Do not tighten the hinge screws at this stage.
4. After installation of the attaching parts (see Job Nos. 72—2 to 72—20 and Job Nos. 73—8 to 73—14), align the door by moving the hinges as required. At the same time, align the door with the front fender and adjust the door gap. Then tighten the hinge screws.
5. Align and adjust the lock bolt (see Job No. 72—21).