

Removal and Installation of Rear Window 67.1

Revision: Revised and repair kit changed.

Data

| | | |
|---|-----------------|-------|
| Distance between rubber lip and edge of glass | bottom | 10 mm |
| | top and lateral | 7 mm |

Special Tool

| | |
|------------------------------------|------------------|
| Handle for cutting wire with tommy | 107 589 00 59 00 |
|------------------------------------|------------------|

Conventional Tools

Processing gun, manually or compressed-air-operated

Note

For removal and installation of glued glass (panes), order **Repair Kit** for glueing (bonding) **107 586 00 67** from Spare Parts Department Sindelfingen.

Removal

- 1 Remove ornamental frame on rear window (68.1–560).
- 2 Remove rubber molding (13) (Fig. 4).
- 3 Remove reveal molding in range of rear window (68.1–420 and 425).
- 4 To avoid damaging paintwork, cover painted surfaces on rear window with adhesive tape.
- 5 Cut approx. 600 mm (half length) of steel wire (2) from repair kit.
- 6 Insert one end of steel wire (2) from inside through glueing cord (1) by means of pliers.

Note: If required, steel wire of approx. 0.5 mm dia may be used instead of steel wire from repair kit. (E.g., welding wire from shielded arc welder).

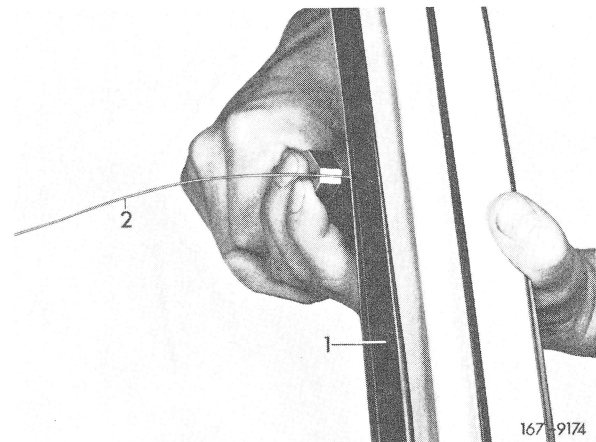


Fig. 1
(Shown on windshield glass)
1 Glueing cord 2 Steel wire

- 7 Attach steel wire (2) inside to handle (14).
- 8 Attach tommy (15) to other end of steel wire (2).
- 9 Tension wire (2) inside with handle (14).
- 10 Let a helper pull on tommy (15) and cut glueing cord (1). Guide wire (2) in such a manner that edge of glass is not damaged. If required, press steel wire (2) at cutting edge against channel by means of a wedge.

67.1 Removal and Installation of Rear Window

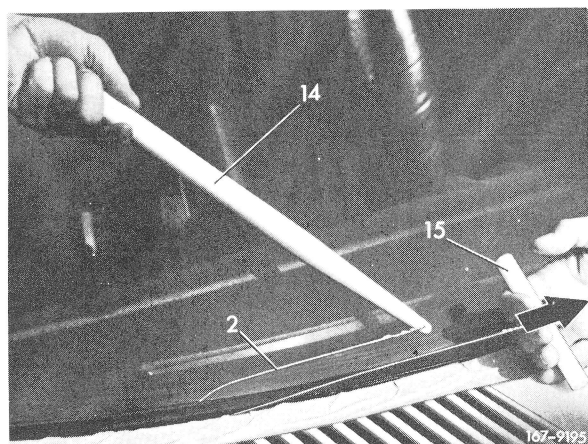


Fig. 2
(Shown on windshield glass)
2 Steel wire 15 Tommy
14 Handle

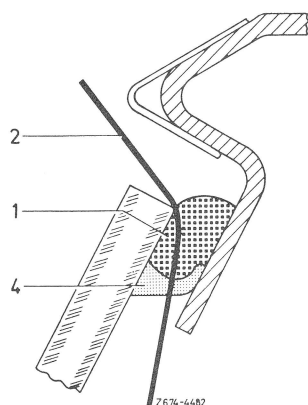


Fig. 2
1 Glueing cord
2 Steel wire
4 Rubber lip

11 Remove rear window.

Installation

12 Clean channel on body mechanically with a wooden or plastic wedge.

Note: Do not use solvent for cleaning channel, since this would impair quality of fresh glue.

13 Coat channel with cleaner (8) from repair kit (Fig.8).

14 Install all reveal moldings. Reveal moldings should not project more than 5 mm at channel, since otherwise rear window cannot rest against channel. If required, place shims under reveal moldings.

Note: Since the reveal moldings rest inside against rear window, slightly coat them with anti-corrosion grease 000 989 31 51 for noise insulation.

15 Cover reveal molding inside with adhesive tape against contamination by glue.

16 Insert two spacers (12) from repair kit into glass opening as shown in Fig. 4.

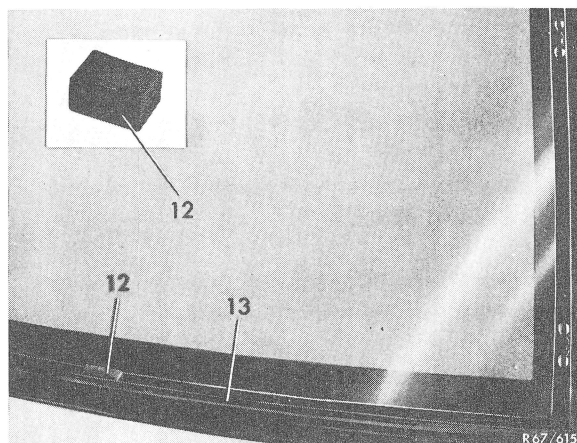


Fig. 4
12 Spacer 13 Rubber molding

17 When removed rear window is used again, completely remove residual glue mechanically and with test gasoline.

18 Apply cleaner (8) from repair kit by means of enclosed paper cloth (10) to outer edge of rear window and permit to react for approx. 1 minute.

19 Fit rubber lip (4) with auxiliary tool (5) of repair kit to edge of glass. At the lower end, the distance of the rubber lip to edge of glass should be 10 mm (long end of auxiliary tool), at the top and laterally 7 mm (short end of auxiliary tool).

Note: Do not pull on rubber lip (4) while glueing.

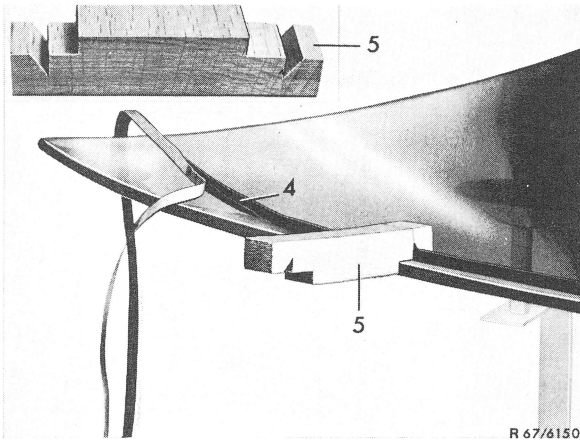


Fig. 5

- 4 Rubber lip
- 5 Auxiliary tool for fitting rubber lip

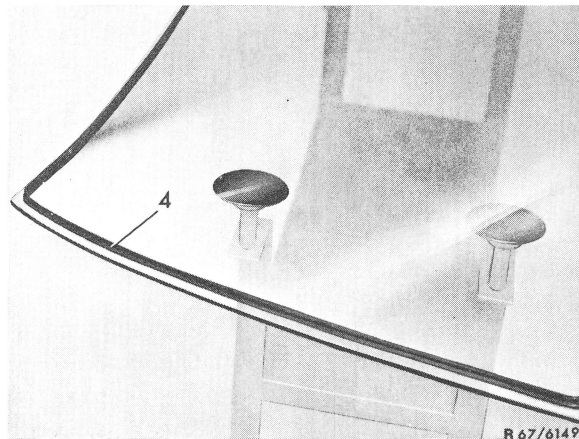


Fig. 6

- 4 Rubber lip

20 Coat glueing surface on rear window with primer (9) (use second paper cloth or primer brush).

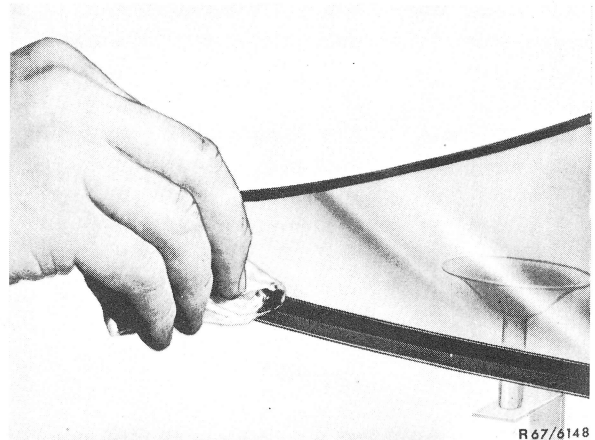


Fig. 7

21 Punch through aluminum diaphragm in cartridge threads with a screw driver and screw nozzle (6) on cartridge (7).

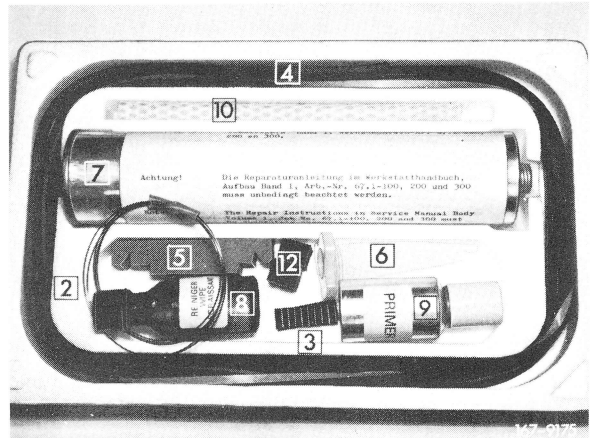


Fig. 8

Repair kit 107 586 00 67

- | | |
|------------------|---------------------------------|
| 2 Steel wire | 7 Cartridge |
| 3 Spacer 4 mm | 8 Clenaer |
| 4 Rubber lip | 9 Primer |
| 5 Auxiliary tool | 10 Paper cloths |
| 6 Nozzle | 12 Spacer for rear window 10 mm |

22 Remove bottom from cartridge (7), pour chemicals into cavity behind and insert cartridge (7) into processing gun (11).

Note: We recommend using a compressed-air-operated processing gun, since this tool can also be used to process older cartridges, if the glue can still be pressed out.

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23 Guide processing gun (11) with stop of nozzle (6) along edge of glass while simultaneously squeezing out glue.

Caution! Perfect glueing requires a glue bead 8 mm high along entire edge of glass.

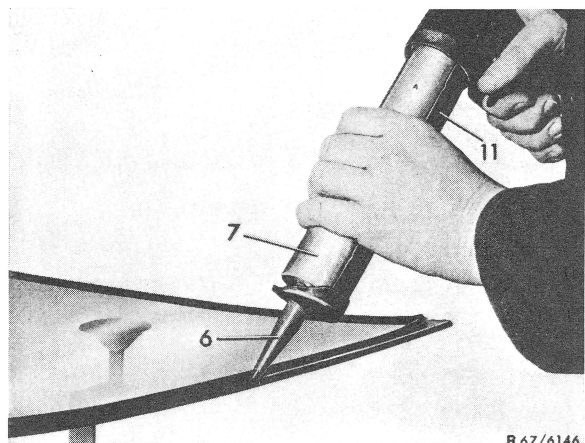


Fig. 9

6 Nozzle
7 Cartridge

11 Processing gun

24 Insert rear window into opening of vehicle (2 persons required).

25 Press glass all around uniformly by hand against channel until glue emerges visibly on sides.

26 Clean rear window of glue residue, if any.

27 Attach trimstrips immediately upon conclusion of glueing jobs.

Caution! During subsequent cleaning of rear window glass, make sure that glass is not pushed outwards, since the glue will take approx. 4 hours to cure.