

Revision: Revised and repair kit changed.

## Data

Distance between rubber lip and edge of windshield glass	7 mm
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## Special Tool

Handle for cutting wire with tommy	107 589 00 59 00
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## Conventional Tools

Processing gun, manually or compressed-air-operated
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## Note

For removal and installation of glued glass (panes), order **Repair Kit** for glueing (bonding) **107 586 00 67** from Spare Parts Department Sindelfingen (Fig. 8).

## Removal

- 1 Fold roadster top back or remove coupe top.
  - 2 Remove ornamental frame on windshield (68.1—540).
- Note:** When using installed windshield glass again, we recommend also removing weatherstrips (more favorable guiding of wire).
- 3 Remove reveal molding on windshield (68.1—400 or 410).
  - 4 Cover weatherstrips, front wall pillar and center piece under windshield with adhesive tape as a protection against damage.
  - 5 Cut approx. 600 mm (half length) of steel wire (2) from repair kit.
  - 6 Stick one end of steel wire (2) from inside through glueing cord (1) by means of pliers (pierce cord close to channel).

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

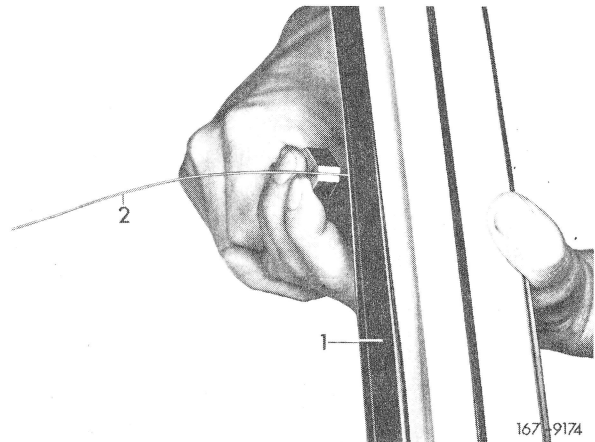


Fig. 1

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 Windshield

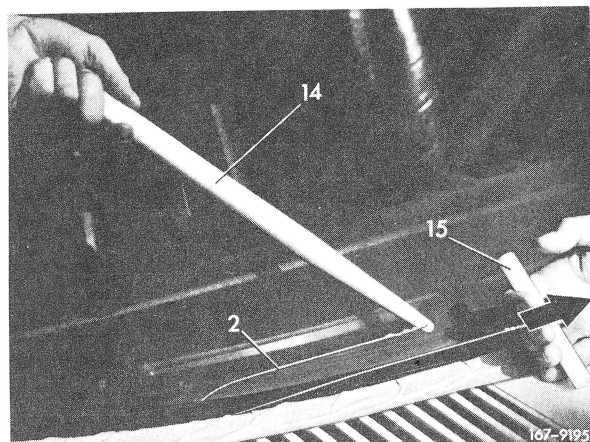


Fig. 2

2 Steel wire  
14 Handle

15 Tommy

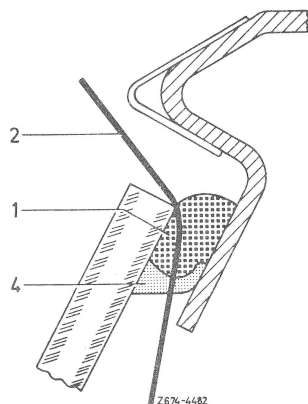


Fig. 3

1 Glueing cord  
2 Steel wire  
4 Rubber lip

11 Remove windshield glass.

## Installation

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

**Note:** Do not use solvents for cleaning channel, since this would impair the quality of the new bond.

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

14 Install all reveal moldings. Reveal moldings should not project by more than 5 mm at channel, since otherwise the windshield glass would not rest well against channel. If required, place shims under reveal moldings.

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

15 Cover instrument panel at the front bottom with adhesive tape.

**Note:** Otherwise, instrument panel would be hard to clean after installing windshield glass.

16 Place two spacers (3) (4 mm high) from repair kit as shown in Fig. 4 each on second clip from outside for bottom trimstrip attachment.

17 When the removed windshield glass is used again, remove residual glue completely by mechanical means and by means of test gasoline.

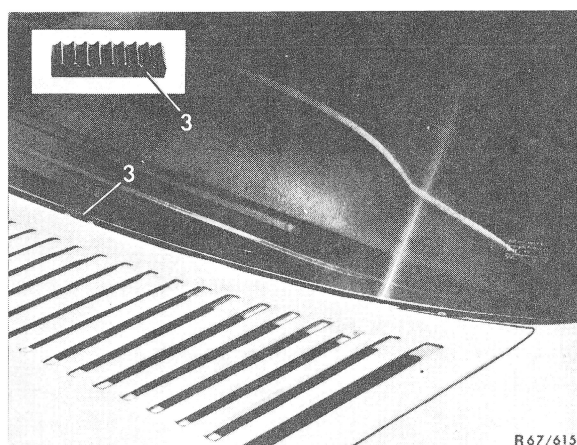


Fig. 4

3 Spacer

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

19 Mount rubber lip (4) to edge of glass with short end (7 mm) of auxiliary tool (5).

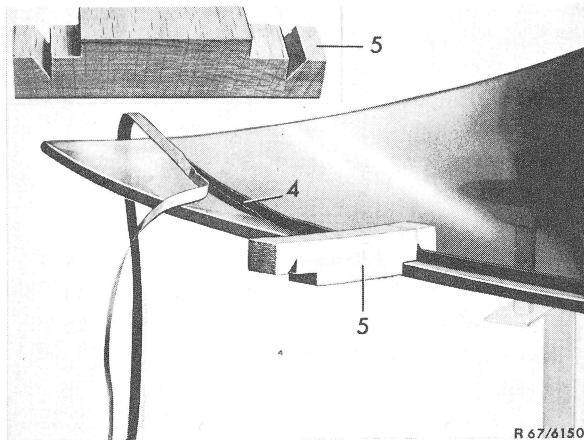


Fig. 5

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

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

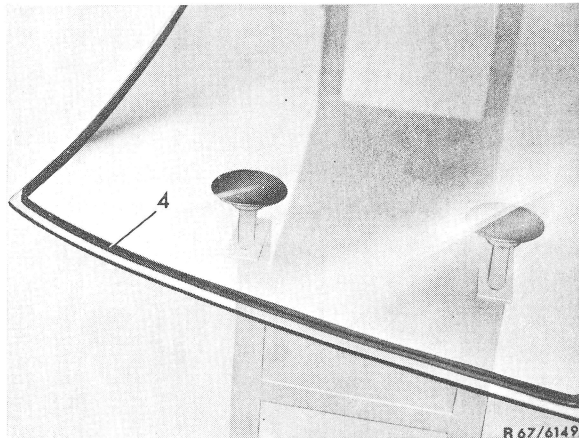


Fig. 6

- 4 Rubber lip

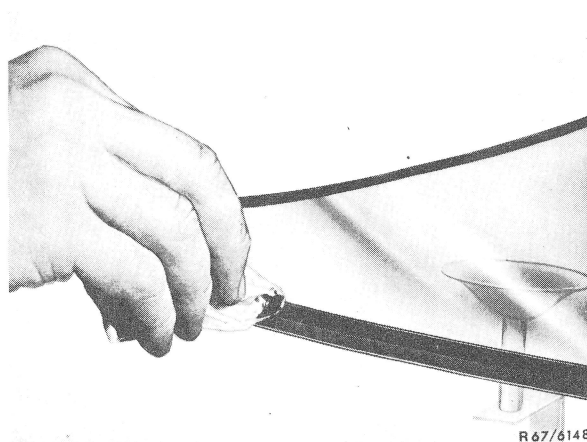


Fig. 7

**20** Coat glueing surface on windshield glass with primer (9) (use second paper cloth or primer brush).

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

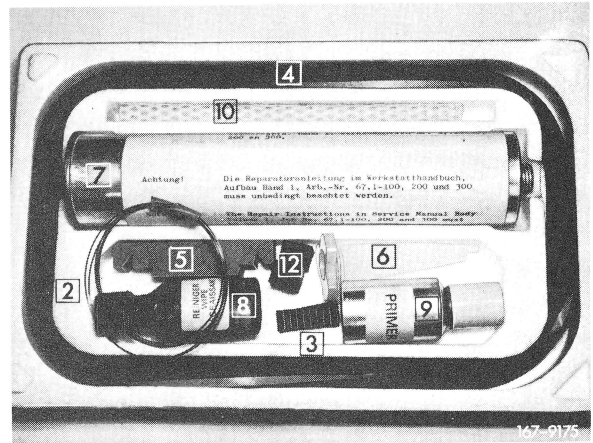


Fig. 8

Repair kit 107 586 00 67

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

**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.

**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.

**24** Insert windshield glass into windshield opening of vehicle (2 persons required).

# 67.1 Removal and Installation of Windshield

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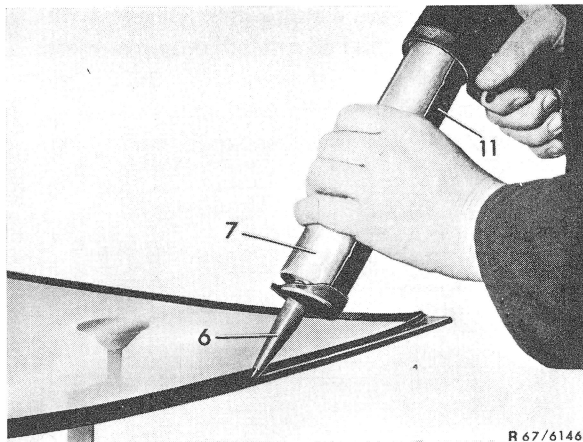


Fig. 9

6 Nozzle  
7 Cartridge

11 Processing gun

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

**26** Clean windshield glass of glue residue, if any.

**27** Attach trimstrips immediately upon conclusion of glueing jobs.

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