

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).

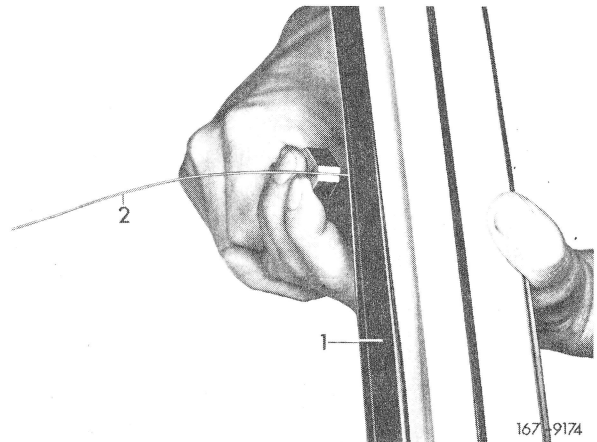


Fig. 1

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

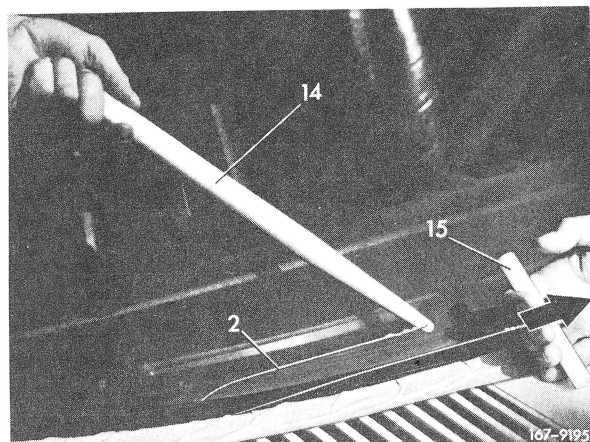


Fig. 2

2 Steel wire  
14 Handle

15 Tommy

**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.

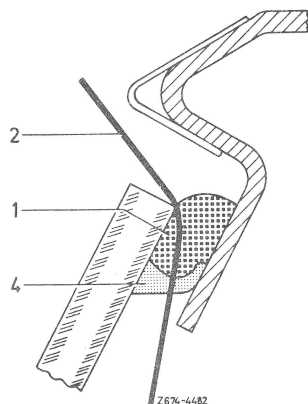


Fig. 3

1 Glueing cord  
2 Steel wire  
4 Rubber lip

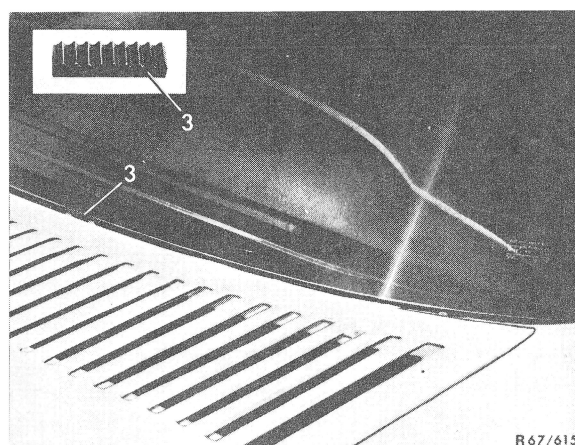


Fig. 4

3 Spacer

**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.

**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).

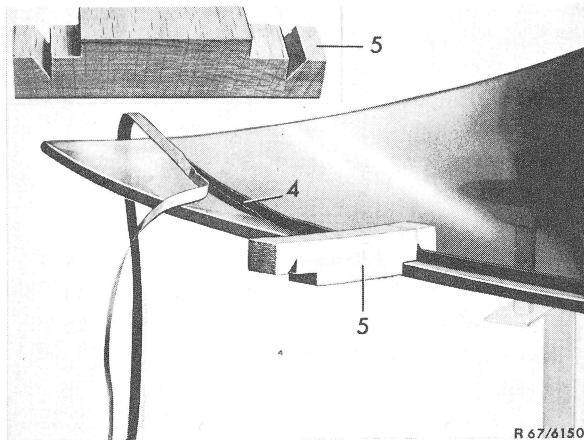


Fig. 5

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

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

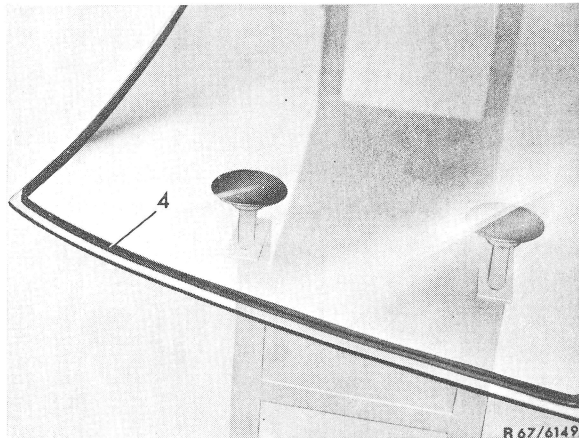


Fig. 6

- 4 Rubber lip

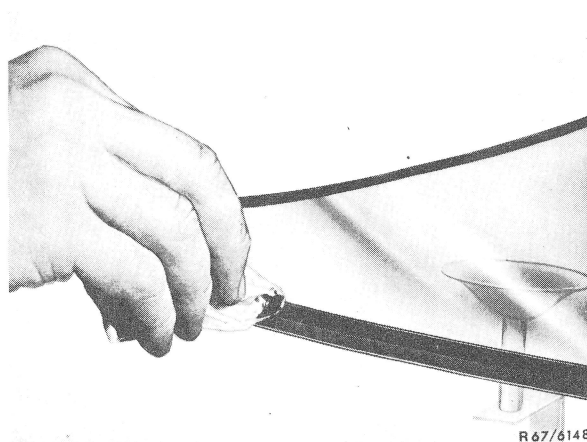


Fig. 7

**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).

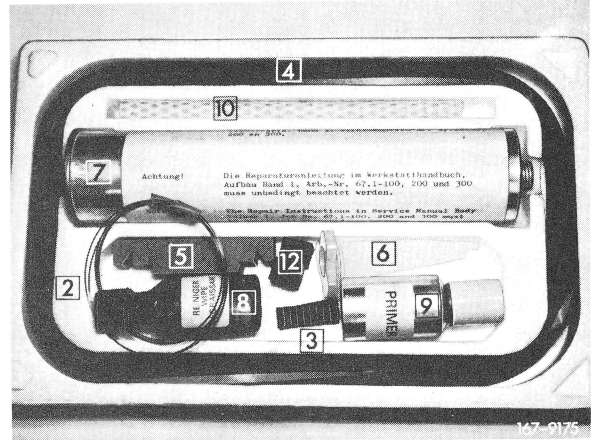


Fig. 8

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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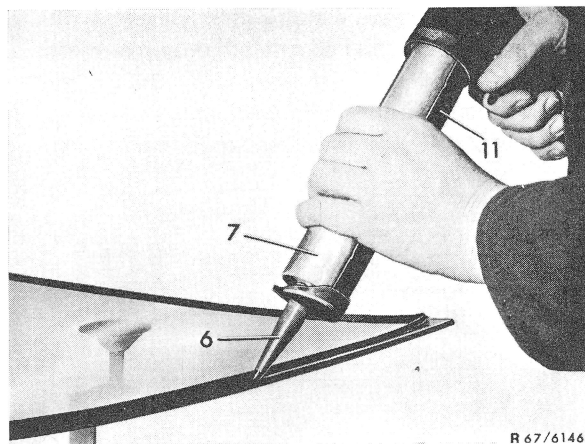


Fig. 9

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.