

Removal and Installation of Cowl Insulating Panels (In Engine Compartment)

Job No.

68—2

The cowl insulation in the engine compartment consists of the following panels:

- a) Right cowl insulating panel
- b) Upper center cowl insulating panel
- c) Lower center cowl insulating panel
- d) Left cowl insulating panel

Removal:

1. Open the engine hood.
2. The upper center cowl insulating panel can be removed by simply turning back the 2 lower fasteners and by carefully pulling out the panel. Take care not to damage the rubber cuff of the windshield wiper motor.
3. Unscrew the lower center cowl insulating panel.
4. Unscrew the left cowl insulating panel. Pull the air hose out of the air duct connection

and remove the insulating panel downward.

5. The right cowl insulating panel can only be removed after the battery has been taken out (see Job No. 54—9). The removal procedure is the same as in the case of the left cowl insulating panel.

Installation:

6. Installation is the reverse of the removal procedure.

Removal and Installation of the Engine Compartment Panel Assembly

Job No.

68—3

The engine compartment panel assembly consists of the following panels:

- a) Right panel (1)
- b) Bracket for the ATE Power Brake T 50 (center piece) (2)
- c) Bracket for the fuse box (4) (only on left-hand drive cars)
- d) Left panel (3) (Figs. 68—3/1 and 68—3/2).

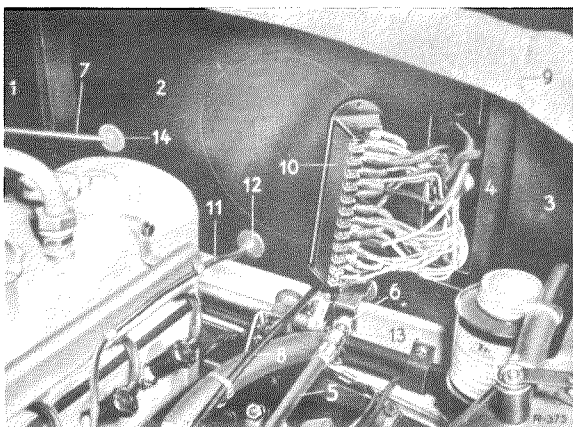


Fig. 68—3/1

- 1 Right engine compartment panel
- 2 Bracket for ATE Power Brake T 50
- 3 Left engine compartment panel
- 4 Bracket for fuse box (only on left-hand drive cars)
- 5 Flexible tube of the oil pressure gage line
- 6 Fixing nut
- 7 Choke control cable
- 8 Bowden cable for the octane-number compensator
- 9 Foam rubber insulation
- 10 Fuse box
- 11 Radiator thermometer line
- 12 Rubber grommet
- 13 Oil pressure gage line
- 14 Rubber grommet

Removal:

1. Disconnect the starter cable at the battery and pull it out through the right engine compartment panel toward the front.
2. Unscrew the radiator thermometer line (11) at the engine block and pull it out toward the rear through the bracket for the ATE Power Brake (2) (Fig. 68 — 3/1).
3. Disconnect the flexible tube (5) at the oil pressure gage line (13) and unscrew the fixing nut (6) of the oil pressure gage line. Unscrew the fixing clip for the oil pressure gage line at the cowl behind the engine compartment panel and carefully push the oil pressure gage line (13) toward the rear through the bracket for the ATE Power Brake (2). (Fig. 68 — 3/1).
4. Disconnect the choke control cable (7) at the carburetor (for details see Job No. 30 — 6) and pull it out toward the rear through the bracket for the ATE Power Brake.
5. Disconnect the Bowden cable (8) for the octane-number compensator at the distributor (for details see Job No. 30 — 8) and pull it out toward the rear through the bracket for the ATE Power Brake (2) (Fig. 68 — 3/1).
6. Take off the cover of the fuse box. Unscrew the 2 fixing screws for the fuse box. Separate the adhesive joints (9) at the foam rubber insulation between the bracket for the ATE Power Brake and the left and right engine compartment panels. Carefully pull out the bracket for the fuse box (4) toward the rear from the holder in the left engine compartment panel (see Fig. 68 — 3/1).

Note: To demonstrate the relative position of the various parts, the fuse box (10) has been pulled out toward the front in Fig. 68 — 3/1. When the engine compartment panel is removed, the fuse box is pushed behind the bracket for the ATE Power Brake. There is no need to disconnect the cables.

7. Use a socket wrench to unscrew the four fixing screws of the ATE Power Brake bracket at the cowl.

Note: If an ATE Power Brake T 50 is installed, first remove the Power Brake (see Job No. 42 — 14).

8. Remove the bracket for the ATE Power Brake upward.
9. Unscrew the fixing screws for the left engine compartment panel (3) at the left air duct and remove the left panel upward. Unscrew the fixing screw for the right engine compartment panel (1) at the right air duct. Detach the retaining spring for the right panel at the cowl and remove the right panel upward.

Installation:

10. Installation is the reverse of the removal procedure.

Note: On right-hand drive cars the procedures are essentially the same. However, the fuse box is installed horizontally. Instead of the bracket for the fuse box, a fuse box cover plate is fitted.

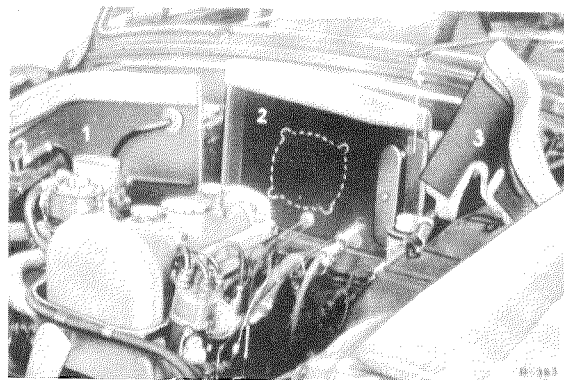


Fig. 68 — 3/2

- 1 Right engine compartment panel
- 2 Bracket for ATE Power Brake T 50
- 3 Left engine compartment panel
- 4 Bracket for fuse box