

Removal and Installation of Plate with Drive Mechanism for Windshield Wipers, Left and Right, together with Coupling Rod and Drive Rod

Job No.

82 — 5

Removal:

1. Remove the battery (see Job No. 54 — 9).
2. Remove the top center, the bottom center and the right cowl insulation panels (see Job No. 68 — 2). Take off the rubber cuff for the windshield wiper motor.
3. Remove the left and right wiper arms, together with the wiper blades (see Job No. 82 — 6).
4. Take off the chromium-plated cap (1) on the left and right windshield wiper shafts and unscrew the hexagon nut (2) (Fig. 82 — 5/1). Take off the washer and the rubber seal (5).

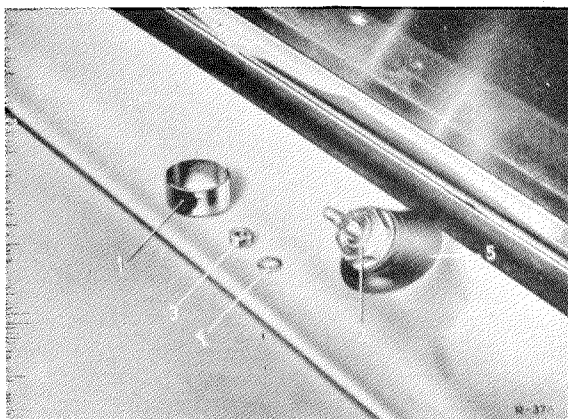


Fig. 82 — 5/1

- 1 Cap
- 2 Hexagon nut
- 3 Hexagon nut for fixing wiper arm
- 4 Toothed washer
- 5 Rubber seal

5. Use Special Socket Wrench 120 589 00 09 to unscrew the bearings (7) of the wiper shafts from the plates (11) on the left and on the right (Fig. 82 — 5/2). Take out the bearings (7) together with the wiper shafts (9) and the corrugated washers (8).

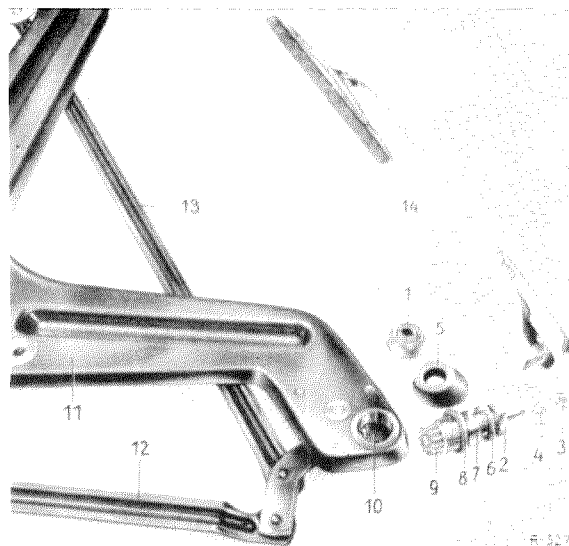


Fig. 82 — 5/2

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|------------------------------------|--|
| 1 Cap | 8 Corrugated washer |
| 2 Hexagon nut | 9 Wiper shaft with gear |
| 3 Hexagon nut for fixing wiper arm | 10 Drive mechanism without wiper shaft |
| 4 Toothed washer | 11 Plate |
| 5 Rubber seal | 12 Drive rod |
| 6 Washer | 13 Coupling rod |
| 7 Bearing for wiper shaft | 14 Wiper arm with wiper blade |

6. Unscrew the lower hexagon screw (4) for the plate (see Fig. 82 — 4/1). Then take out the plate by moving it gently to one side or the other (Fig. 82 — 5/3).

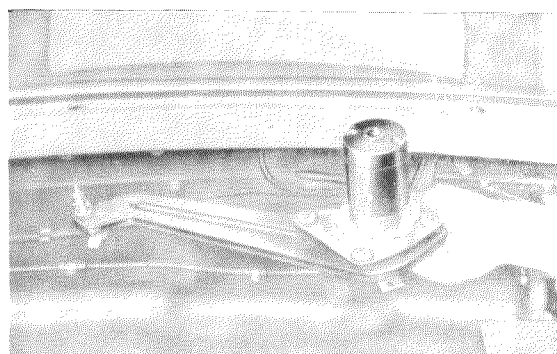


Fig. 82 — 5/3

Installation:

7. Installation is the reverse of the removal procedure.

If the coupling rod (34) or the drive rod (33)

were taken off, they must be attached again before the plate is inserted (Fig. 82 — 5/4).

8. When screwing in the lower hexagon screw, do not forget the two rubber buffers (43), the spacer sleeve (41) and the washer (42) (see Fig. 82 — 5/4).

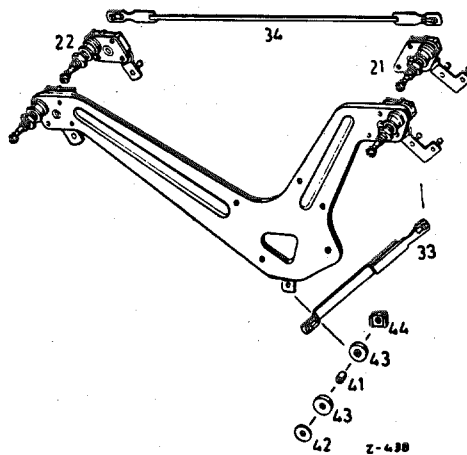


Fig. 82 — 5/4

- 21 Left drive mechanism with wiper shaft
- 22 Right drive mechanism with wiper shaft
- 33 Drive rod
- 34 Coupling rod
- 41 Spacer sleeve
- 42 Washer
- 43 Rubber buffer
- 44 Insert, square cage nut