

Job No.
42-18

## Ratchet and Brake Lever of Pistol-Grip Hand Brake

### A. Removal and Installation of Hand Brake Ratchet

#### I. Models 180, 180 a, 180 b, 180 D, 180 Db, 190 D, 190 Db, 220 a, 219, 220 S, and 220 SE

The arrangement of the pistol-grip hand brake and the removal and installation procedures for the ratchet are the same as on Model 190.

#### II. Model 190 SL

Also on this model the pistol-grip hand brake is arranged on the left side below the steering column. The guide tube of the ratchet is not attached to the steering column jacket but to the cowl (by two hexagon screws at the top and by the pulley bearing (21) below), and the front brake cable is carried by the brake cable pulley (17) (Fig. 42-18/1).

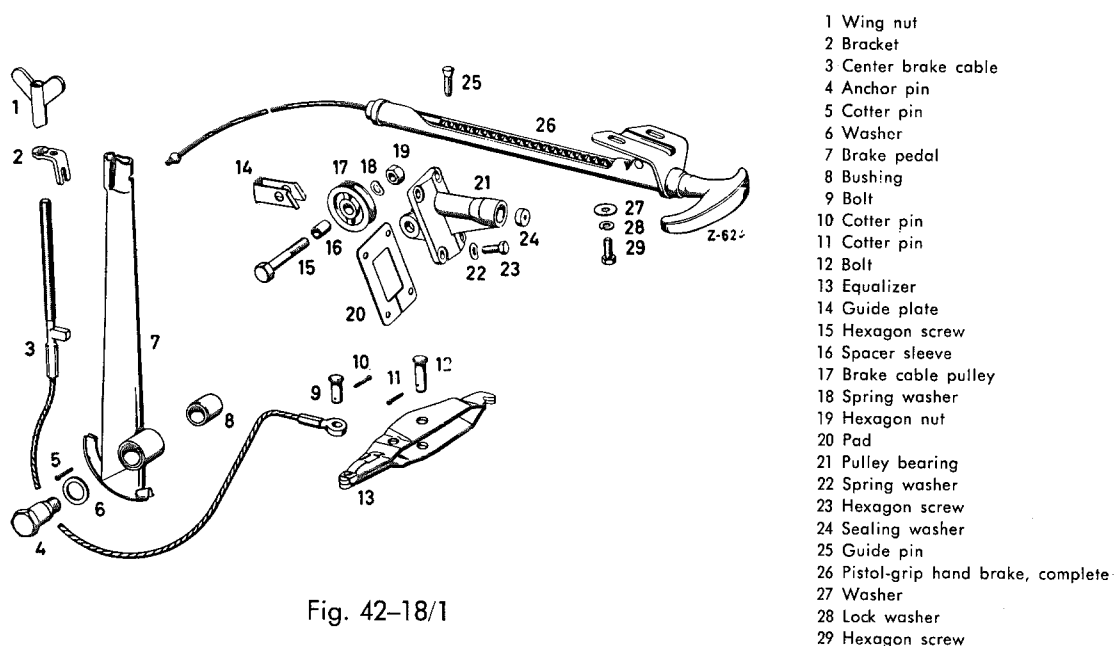


Fig. 42-18/1

The removal procedures for the ratchet are essentially the same as on Model 190, but in addition the brake cable pulley (17) must be removed. To do this loosen and remove the hexagon nut (19) together with spring washer (18) and pull out the hexagon screw (15). Remove the pulley (17) together with spacer sleeve (16) and guide plate (14).

When reinstalling the ratchet make sure that the guide plate (14) is properly seated on the pulley (17) (Fig. 42-18/1).

### B. Removal and Installation of Hand Brake Lever

On Models 180 to 220 SE the arrangement and the removal and installation procedures for the brake lever are the same as on Model 190.