

Rear Wheel Brake Cylinder

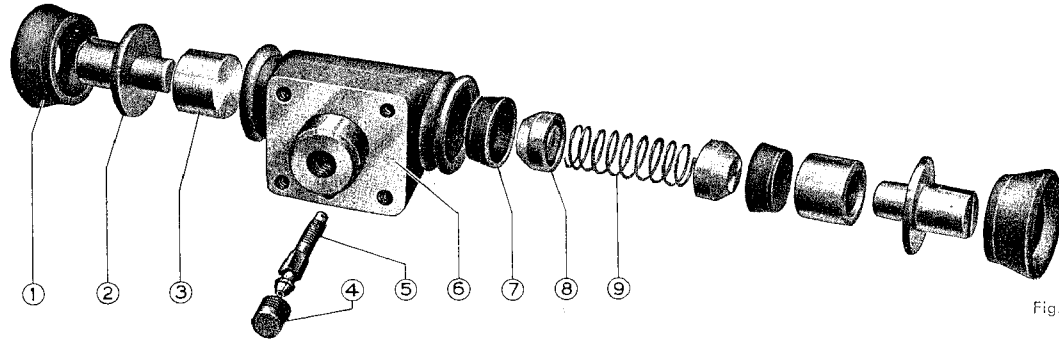


Fig. 11

- ① Boot
- ② Plunger
- ③ Piston

- ④ Dust cap
- ⑤ Bleeder valve
- ⑥ Wheel brake cyl. housing
- ⑦ Rubber cup
- ⑧ Spring seat
- ⑨ Stop spring

3 Ti

Removing and Installing Front Wheel Brake Cylinder

Special tools: P 30, P 47

Removal

1. Jack up car, remove front wheel.
2. Remove brake drum (2 St).
3. Remove return springs, spring retainers, dowel pins and springs of brake shoes, remove brake shoes.
4. Clamp tool P 47 over plunger and adjusting screw of the wheel brake cylinder which is not exchanged.

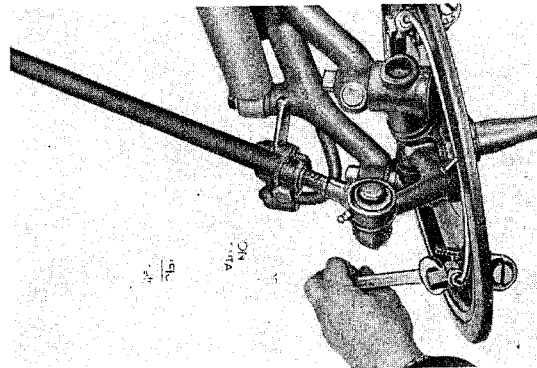


Fig. 13

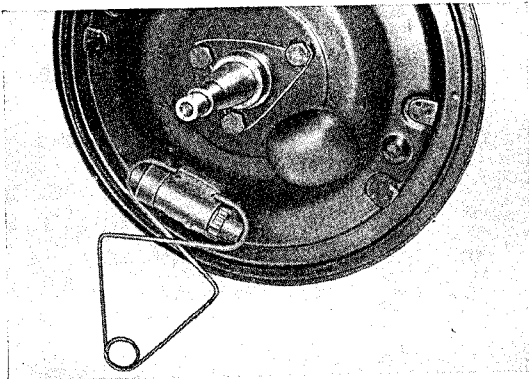


Fig. 12

5. Remove brake hose (6 Ti). Can be omitted for removal of upper wheel brake cylinder.
6. Loosen screwed connection of connecting line. Unscrew wheel brake cylinder.

Installation

The wheel brake cylinder is installed in reverse order, observing the following details:

1. Care must be taken to install the wheel brake cylinders in correct position, which means that the piston side must show in direction of the wheels driving forward. (When replacing, take care to use the correct size.)
2. The brake shoe must be installed so that the notch in the web faces the piston side of the wheel brake cylinder.
3. Refer to special instructions on repair work at the brake system (Page T 17).
4. Before installing brake drum, check oil seal and conical roller bearing for perfect condition.
5. Clean brake drum hub and bearing and pack with multi-purpose grease (approx. 1¾ ozs., see Lubrication Chart, Group S).
6. Adjust front wheel bearing as prescribed (4 St).
7. Adjust and bleed brakes (13 Ti). Remember dust cap on bleeder valve.