

7 Ti

Replacing Front Brake Shoes

Special tools: P 30, P 47

Removal

1. Jack up car, remove front wheel.
2. Remove brake drum (2 St).
3. Remove return springs, pressure springs with collars and dowel pins of brake shoes.
4. Remove brake shoes.

If dismounting takes some time, push clamp (P 47) over plungers of wheel brake cylinder, in order to prevent and piston cup from jumping out (see fig. 12).

Installation

The brake shoes are installed in reverse order, observing the following points:

1. Refer to special instructions on repair work on the brake system (page T 17).
2. Install brake shoes in correct position. The notch in the web points towards the piston side of the wheel brake cylinder.
3. Correctly attach return springs (see fig. 22).
4. Prior to assembly of brake drum check oil seal and conical roller bearing for proper condition.
5. Clean hub in brake drum and conical roller bearing and fill with approx. 3,05 cu. in. (50 c.c.) of multi-purpose grease (see Lubrication Chart, Group S).
6. Adjust front wheel bearings acc. to instructions (4 St).
7. Adjust brake and check effectiveness of entire brake system.

8 Ti

Replacing Rear Brake Shoes

Special tools: P 30, P 36, if nec. P 36 a, P 42, P 44 and 44 a, P 47

Removal

1. Jack up car, remove rear wheel.
2. Loosen castle nut, pull off brake drum.
3. Remove both lower return springs, pressure springs with collars and dowel pins of brake shoes.
4. Remove brake shoes with parking brake actuating lever, pressure rod and upper return spring, detach parking brake cable.

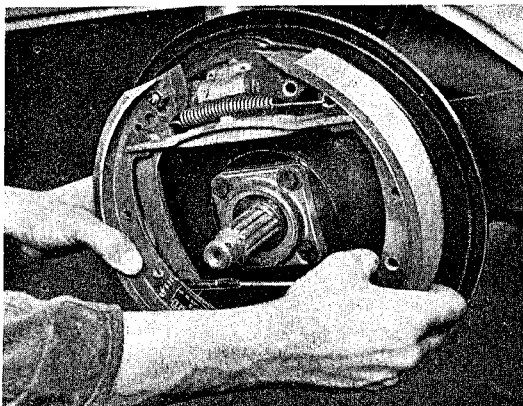


Fig. 24

5. Unhook upper return spring on brake shoes and remove parking brake actuating lever by loosening pivot bolt from brake shoe.

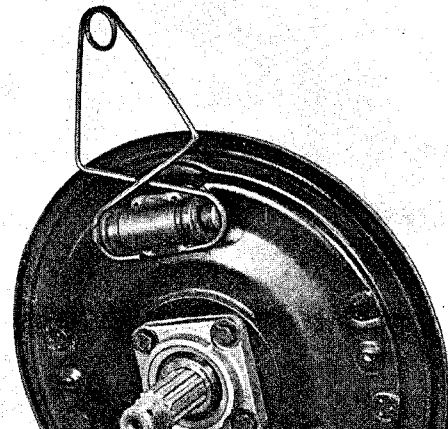


Fig. 25

If dismounting of the brake system takes some time, push clamp (P 47) over plungers of wheel brake cylinder, in order to prevent piston and piston cup from jumping out (see fig. 25).