

# WHEEL BRAKES

## General

The front and rear wheel brake assemblies are shown in the following illustrations.

The rear wheel brake differs from the front wheel brake in that a parking brake actuating lever and cable are connected to the secondary brake shoe. A pressure rod is installed between the two brake shoes and the shoes are activated by one double acting cylinder, whereas on both front wheels a single acting cylinder activates each brake shoe.

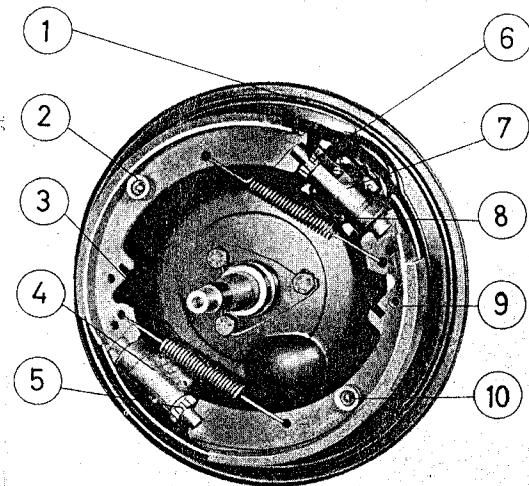
The brake shoes rest freely in the slots of the plungers and adjusting screws.

Constant contact of the shoes with the back plate is assured by two pressure springs which are anchored by dowel pins and collars. When the brake is released, the shoes are free from contact with the drums by return springs.

Adjusting screws and nuts allow adjustment of the brake shoes.

## Front Wheel Brake

- ① Brake back plate
- ② Pressure spring with collar
- ③ Return spring
- ④ Lower brake cylinder
- ⑤ Lower adjusting nut
- ⑥ Upper adjusting nut
- ⑦ Upper brake cylinder
- ⑧ Return spring
- ⑨ Brake shoe with lining
- ⑩ Pressure spring with collar

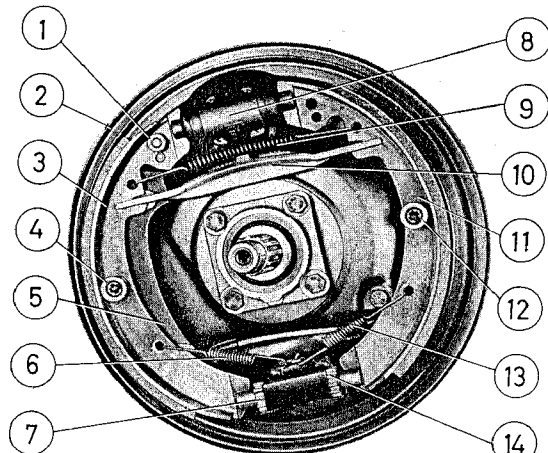


Right-hand side

Fig. 22

## Rear Wheel Brake

- ① Pivot bolt for parking brake actuating lever
- ② Brake back plate
- ③ Secondary brake shoe
- ④ Pressure spring with collar
- ⑤ Parking brake cable
- ⑥ Return spring
- ⑦ Adjusting nut
- ⑧ Brake cylinder
- ⑨ Return spring
- ⑩ Pressure rod
- ⑪ Primary brake shoe
- ⑫ Pressure spring with collar
- ⑬ Return spring
- ⑭ Adjusting nut



Right-hand side

Fig. 23