

Caution:

When the pistons are forced back, hydraulic brake fluid flows back into the reservoir. To prevent spillage, syphon the fluid out of the reservoir. The syphon or suction aid used must be clean and free of any substance other than hydraulic brake fluid.

7. Clean seating and supporting surfaces of brake pads within the respective wells. Do not use mineral solvents or sharp-edged metal tools; if necessary, alcohol may be used.
8. Check dust covers and clamping rings for serviceability. Hardened and porous dust covers must be replaced with new.
9. Clean brake discs with fine-grade emery cloth.
10. Install new brake pads in the housing wells and secure with retaining pins, cross-spring, and pin retaining clips; check pin retaining clips and replace if damaged or deformed in any way. The brake pad segments must freely move within their wells.

11. Repeat the above procedure on all other brake calipers.

Caution:

Before the car is driven, the brake pedal should be depressed a few times as far as is possible in order to bring the brake pistons and pads into their normal position. Afterwards check the level of hydraulic fluid in the reservoir.

Running-in Brake Pads

Factory new brake pads will lose their braking efficiency (fade) once, after installation, but this occurrence will disappear after a running-in distance of about 125 miles (200 km). During the run-in period, the brakes should not be used hard at high speeds unless absolutely necessary since new brake pads must be run in at light pedal pressures applied at not too frequent intervals. It is only after the run-in period that the brakes become fully effective.

Removal and Installation of Disc Brakes

Front Wheel Brakes

Removal

1. Place car on stands and remove wheels.
2. Remove brake pad segments (refer to outline pertaining to replacement of brake pad segments, page ST 23, Points 2 to 5).
3. Loosen brake hose at brake caliper by one turn (prior to this, prop brake pedal in slightly depressed condition to avoid brake fluid spillage).
4. Remove brake caliper retaining bolts, withdraw brake caliper, and detach brake hose.

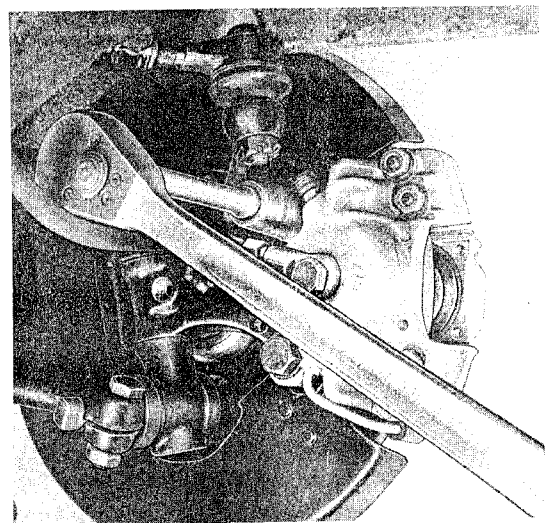


Fig. 12