



Tips, Test and Repair Information: Drum Brakes

125 Bosch
Years 1886-2011

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Invented for life

Simple All-Round Safety

Drum brake-repair step-by-step

Preliminary remarks

The following descriptions are intentionally general and cannot apply to all vehicles and/or drum brake designs.

ESI[tronic] contains further, more comprehensive and vehicle-specific SIS Troubleshooting Instructions.

Important!

After completion of the repair work, final assembly tasks and checks, e.g. efficiency tests and test drive, have to be carried out.



Detailed information can be found in our brake drum checklist.

You can find the suitable parts in our online catalog:
www.bosch-automotive-catalog.com



1. Preparatory measures

- ▶ Loosen the parking brake cables as far as possible using the adjustment unit



6. Wheel brake assembly

- ▶ Fit the new wheel cylinder and secure the piston with clips
- ▶ Assemble the new parking brake cable, if required, use new clips



2. Disassembly

- ▶ Relax the brake shoe



7. Brake tubing assembly

- ▶ Fit the new brake hose and brake pipes in the correct position
- ▶ Use new retaining clamps



3. Disassembly

- ▶ If required, loosen any tight brake drum on the wheel hub with a light tap
- ▶ Remove the brake drum



8. Preparation for brake shoe assembly

- ▶ Lubricate all support points using Superfit

Order Number

Tube: 5 000 000 150

Brush-cap can: 5 000 000 163



4. Wheel brake disassembly

- ▶ Disassemble brake and wheel brake cylinder
- ▶ Dismantle the parking brake cable



9. Brake shoe set assembly

- ▶ Insert the brake shoes
- ▶ Assemble the accessory parts
- ▶ Subsequently fit the brake drum
- ▶ Fill and bleed the braking system
- ▶ Carry out the basic adjustment of the parking brake cable



5. Preparing for assembly

- ▶ Clean the brake brackets
- ▶ Clean the wheel hub surfaces using the special brush
- ▶ Check the rotation of the wheel hub



10. Final work stage

- ▶ Refit any disassembled heat transfer plates etc.
- ▶ Lower the vehicle and secure the wheel bolts and wheel nuts
- ▶ Keep an eye on the torque
- ▶ Test functionality and carry out a test run