



How to change
handbrake shoe on
MERCEDES-BENZ CLC
(CL203) – replacement
guide

SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

Important!

This replacement procedure can be used for:

MERCEDES-BENZ CLC (CL203) CLC 180 Kompressor (203.746), MERCEDES-BENZ CLC (CL203) CLC 200 Kompressor (203.741), MERCEDES-BENZ CLC (CL203) CLC 230 (203.752), MERCEDES-BENZ CLC (CL203) CLC 350 (203.756), MERCEDES-BENZ CLC (CL203) CLC 200 CDI (203.707), MERCEDES-BENZ CLC (CL203) CLC 220 CDI (203.708), MERCEDES-BENZ CLC (CL203) CLC 250, MERCEDES-BENZ CLC (CL203) CLC 160 (203.731)

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: MERCEDES-BENZ 190 (W201) 2.0 (201.023)

**REPLACEMENT: HANDBRAKE SHOE – MERCEDES-BENZ
CLC (CL203). TOOLS YOU NEED:**



- Wire brush
- WD-40 spray
- Brake cleaner
- All-purpose cleaning spray
- Ceramic grease
- Torque wrench
- Combination spanner #17
- Drive socket # 13
- Drive socket # 17
- HEX bit No.H5
- Wheel impact socket #17
- Ratchet wrench
- Flat Screwdriver
- Pin punch
- Hammer
- Tap wrench
- Long nose pliers
- Crow bar
- Wheel chock

Buy tools

Replacement: handbrake shoe – MERCEDES-BENZ CLC (CL203).
Professionals recommend:

- All work should be done with the engine stopped.

REPLACEMENT: HANDBRAKE SHOE – MERCEDES-BENZ CLC (CL203). TAKE THE FOLLOWING STEPS:

- 1 Open the bonnet.
- 2 Unscrew the brake fluid reservoir cap.
- 3 Secure the wheels with chocks.
- 4 Loosen the wheel bolts. Use wheel impact socket #17. Use a tap wrench.



- 5 Raise the car.

Replacement: handbrake shoe – MERCEDES-BENZ CLC (CL203). AUTODOC recommends:

- If you are using a jack, make sure it rests on a flat surface without any unevenness.
- Be sure to additionally secure the car with jack stands.

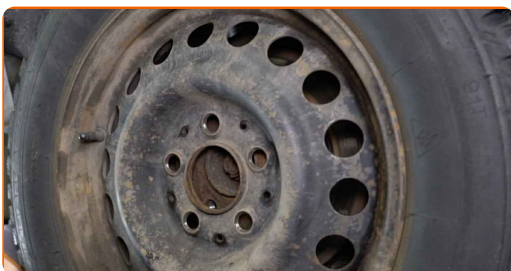
6 Unscrew the wheel bolts.



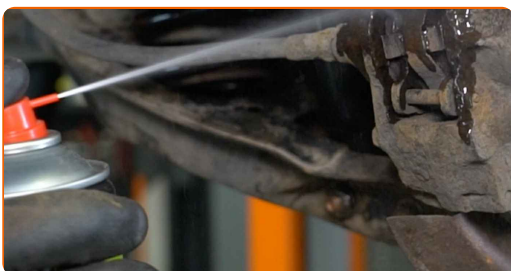
AUTODOC recommends:

- To avoid injury, hold up the wheel when unscrewing the bolts.

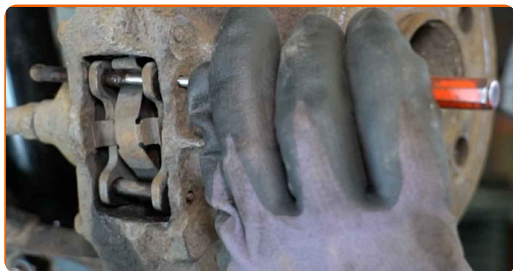
7 Remove the wheel.



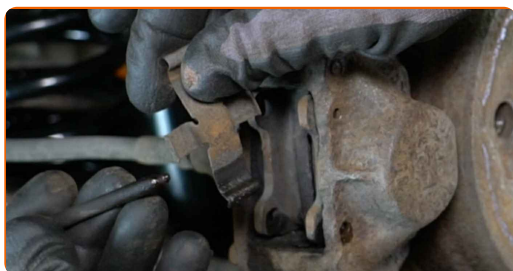
8 Clean the brake pad guide pins. Use a wire brush. Use all-purpose cleaning spray.



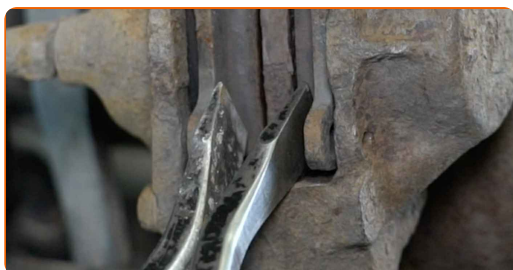
9 Remove the brake pad guide pins. Use a pin punch. Use a hammer.



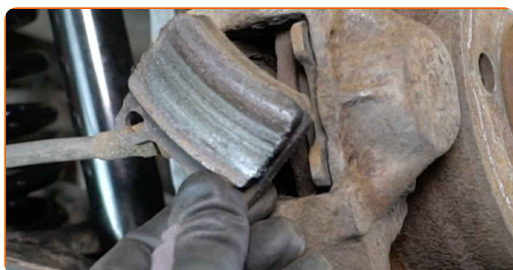
10 Remove the retaining spring of the brake pads.



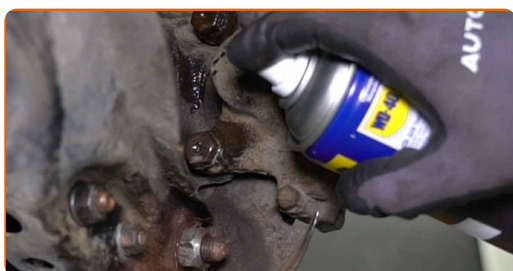
11 Spread the brake pads. Use a crowbar (2 pieces).



12 Remove the brake pads.

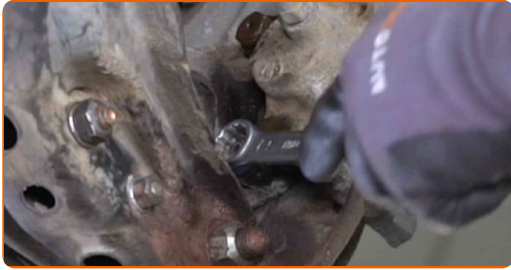


13 Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.



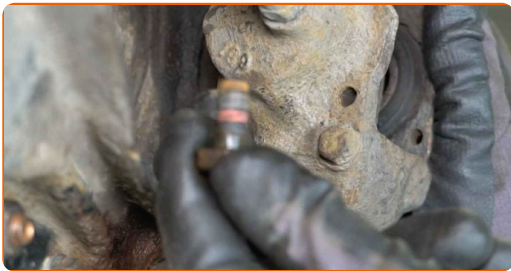
14

Unscrew the brake caliper fasteners. Use a combination spanner #17.



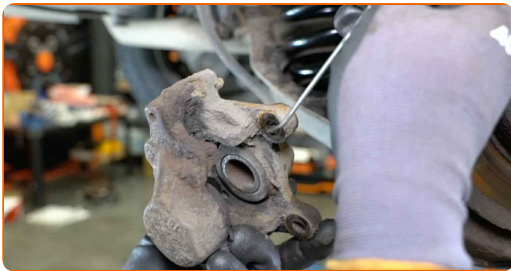
15

Remove the fastening bolts.



16

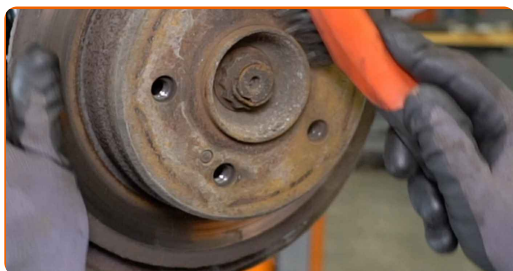
Remove the brake caliper.



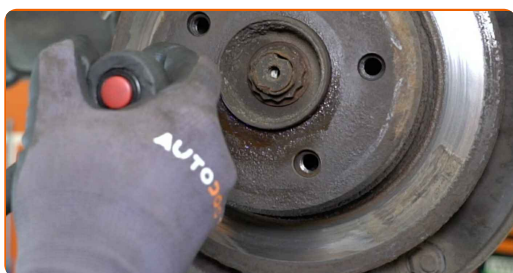
Replacement: handbrake shoe – MERCEDES-BENZ CLC (CL203). AUTODOC experts recommend:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.

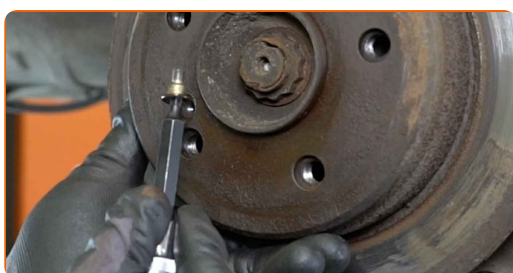
17 Clean the brake disc fastener. Use a wire brush. Use WD-40 spray.



18 Unscrew the brake disc fasteners. Use HEX No.H5. Use a ratchet wrench.



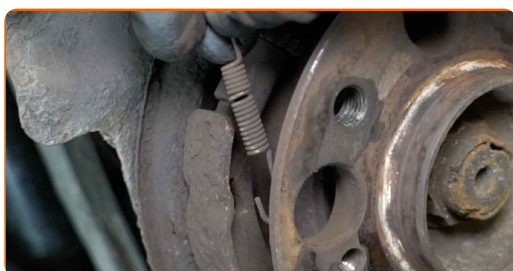
19 Remove the fastening bolt.



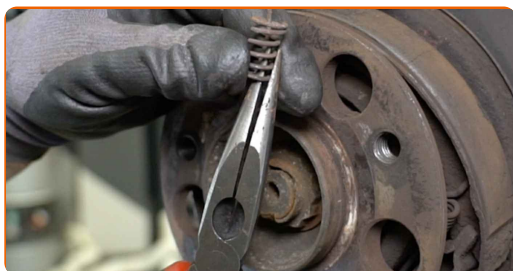
20 Remove the brake disc.



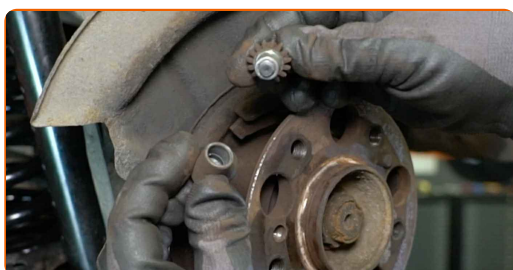
21 Remove the upper brake shoe return spring. Use a crowbar.



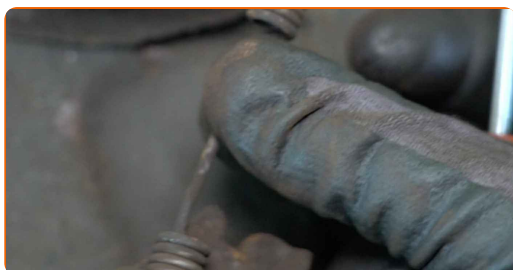
22 Remove the hold-down springs of the parking brake shoes. Use long nose pliers.



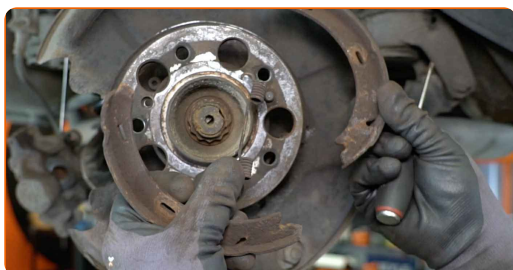
23 Remove the parking brake adjuster.



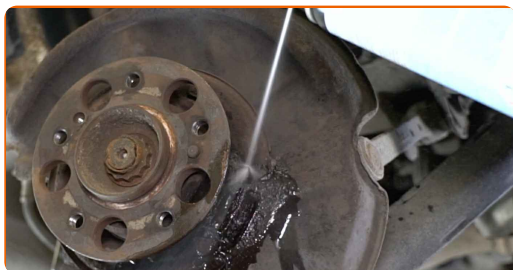
24 Remove the lower brake shoe return spring. Use a flat screwdriver.



25 Remove the parking brake shoes.



26 Clean the mounting seats of the parking brake shoes. Use a wire brush. Use all-purpose cleaning spray.



27 Install the upper brake shoe return spring.



28 Install the parking brake adjuster.



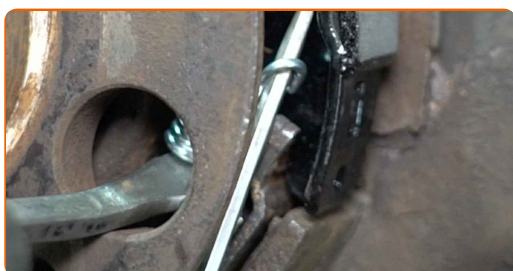
29 Install new parking brake shoes.



30 Install the hold-down springs of the parking brake shoes. Use long nose pliers.



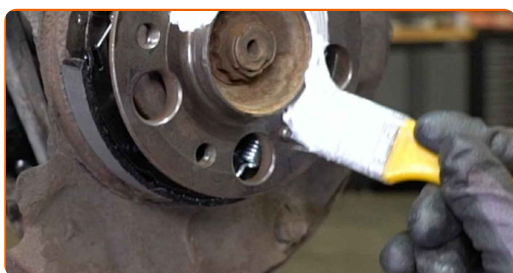
31 Install the lower return spring. Use a flat screwdriver.



32 Clean the wheel hub. Use a wire brush.



33 Treat the contacting surface. Use ceramic grease.



34 Install the brake disc.



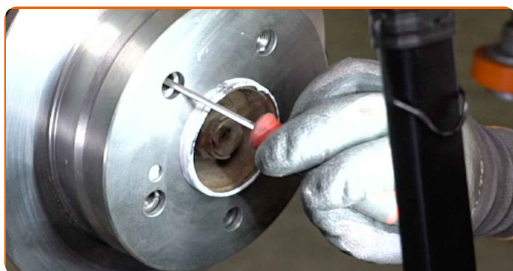
35 Install the fastening bolt.



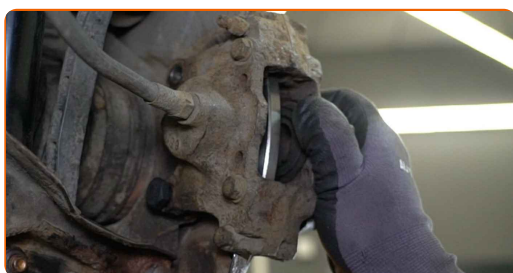
36 Tighten the brake disc fasteners. Use HEX No.H5. Use a torque wrench. Tighten it to 10 Nm torque.



37 Set the parking brake adjuster in the correct position. Use a flat screwdriver.

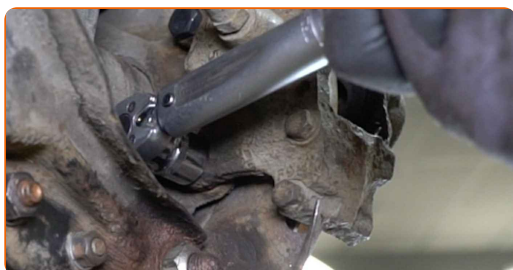


38 Install the brake caliper and fasten it.

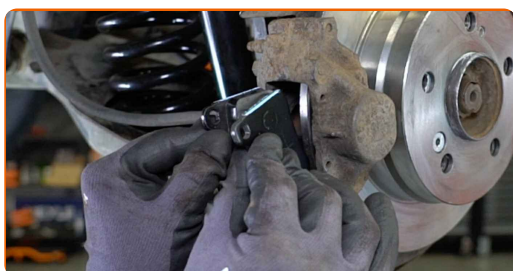


39 Install the fastening bolts.

40 Tighten the brake caliper fasteners. Use a drive socket #17. Use a torque wrench. Tighten it to 65 Nm torque.



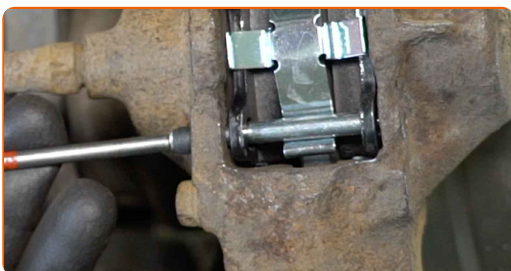
41 Install the brake pads.



42 Install the retaining spring of the brake pads.



43 Install the brake pad guide pins. Use a pin punch. Use a hammer.



44 Clean the wheel rim mounting seat. Use a wire brush.



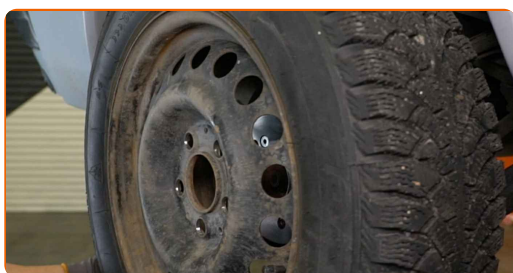
45 Treat the surface where the brake disc contacts the wheel rim. Use ceramic grease.



46 Clean the brake disk surface. Use a brake cleaner.



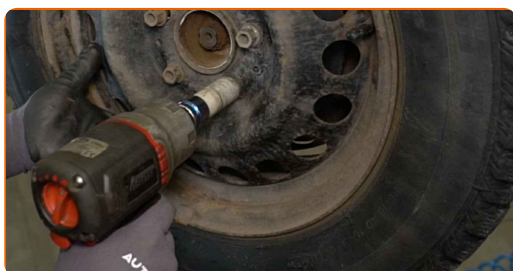
47 Install the wheel.



AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. MERCEDES-BENZ CLC (CL203)

48 Screw in the wheel bolts. Use wheel impact socket #17. Use a ratchet wrench.



49

Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 110 Nm torque.



50

Remove the jacks and chocks.



Replacement: handbrake shoe – MERCEDES-BENZ CLC (CL203). Tip from AUTODOC:

- Without starting the engine, press the brake pedal several times until you feel significant resistance.
- Check the brake fluid level in the expansion tank and top up if necessary.

51

Tighten the brake fluid reservoir cap.

52

Close the bonnet.

WELL DONE! 

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