



How to change brake
drum on **Mercedes W168**
– replacement guide

VIDEO TUTORIAL

** Important!**

This replacement procedure can be used for:

MERCEDES-BENZ A-Class (W168) A 140 (168.031, 168.131), MERCEDES-BENZ A-Class (W168) A 160 CDI (168.007), MERCEDES-BENZ A-Class (W168) A 170 CDI (168.008), MERCEDES-BENZ A-Class (W168) A 160 CDI (168.006), MERCEDES-BENZ A-Class (W168) A 170 CDI (168.009, 168.109)

The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE DRUM – MERCEDES W168.
 TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Copper grease
- Torx bit T30
- HEX bit no.H6.
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Flat Screwdriver
- Wheel chock

BUY TOOLS

Replacement: brake drum – Mercedes W168. AUTODOC experts recommend:

- Replace the brake drums on Mercedes W168 in pair for the rear axle. Disregarding the parts state. It ensures even braking.
- The replacement procedure is identical for the right and left brake drums on the same axle.
- When replacing the brake drums, be sure to also change the brake shoes.
- All work should be done with the engine stopped.

REPLACEMENT: BRAKE DRUM – MERCEDES W168. RECOMMENDED SEQUENCE OF STEPS:

1 Open the bonnet. Unscrew the brake fluid reservoir cap.



2 Secure the wheels with chocks.



3 Loosen the wheel mounting bolts. Use wheel impact socket #17.



4 Raise the rear of the car and secure on supports.



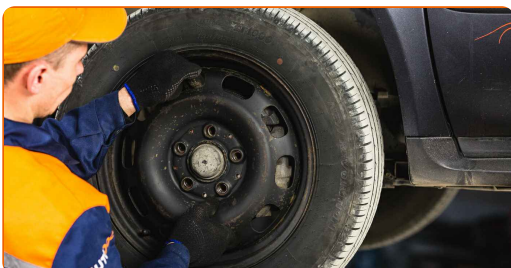
5 Unscrew the wheel bolts.



AUTODOC recommends:

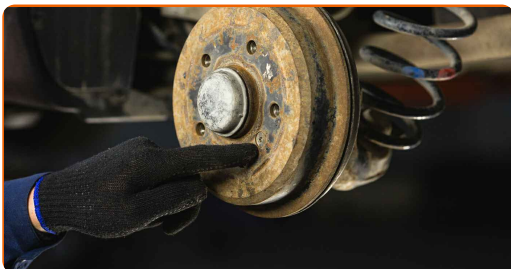
- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.
Mercedes W168

6 Remove the wheel.



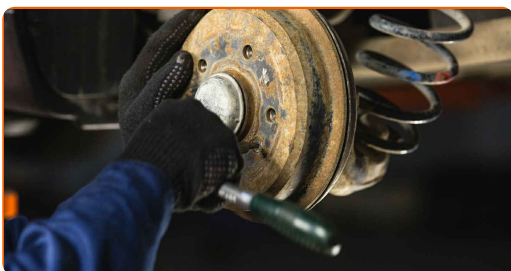
7

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



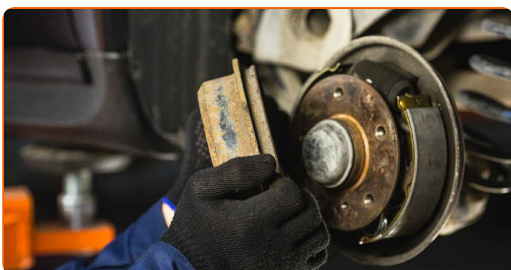
8

Unscrew the brake drum fastening. Use HEX No.H6. Use a ratchet wrench.



9

Remove the brake drum. Use a rubber mallet.

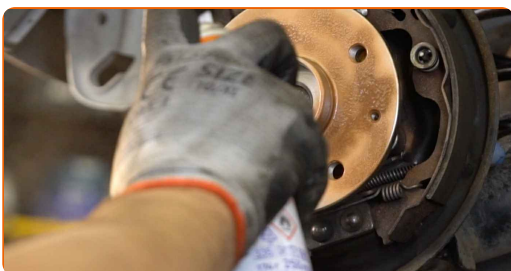


Replacement: brake drum – Mercedes W168. Tip:

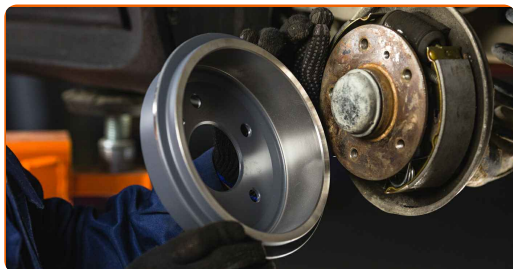
- Examine the brake shoes. Replace them if needed.

10

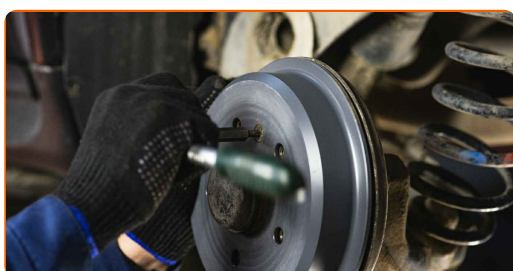
Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.



11 Install a brake drum.

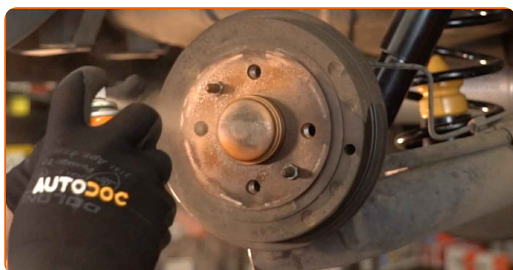


12 Tighten the brake drum fasteners. Use a flat screwdriver. Use Torx T30. Use a torque wrench. Tighten it to 10 Nm torque.

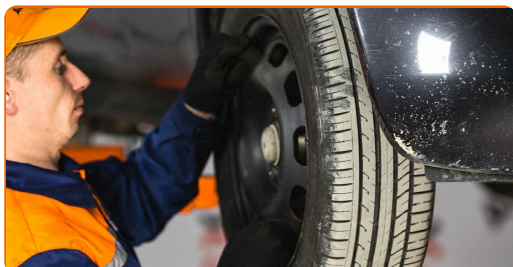


13 Clean the wheel rim mounting seat. Use a wire brush.

14 Treat the surface where the wheel rim contacts the brake drum. Use copper grease.



15 Install the wheel.



Replacement: brake drum – Mercedes W168. AUTODOC recommends:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

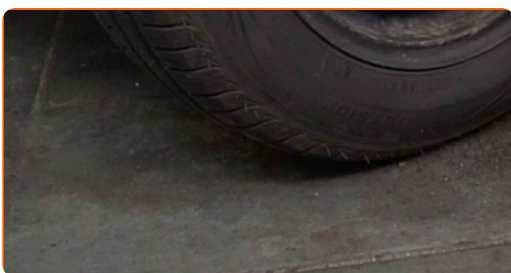
16 Screw in the wheel bolts. Use wheel impact socket #17.



17 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 120 nm torque.



18 Remove the jacks and chocks.

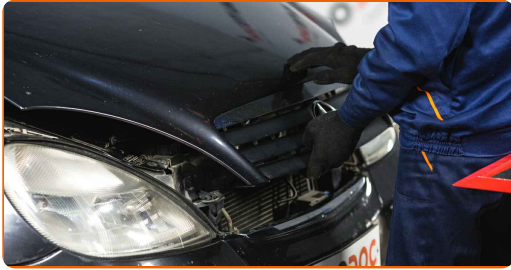


AUTODOC recommends:

- Important! Replacement: brake drum – Mercedes W168. Check the brake fluid level in the reservoir and top up if necessary.

19

Tighten the brake fluid reservoir cap. Close the hood.

**20**

Adjust the gap between the brake shoes and the drum on Mercedes W168, pressing the brake pedal 10-15 times.

**WELL DONE!** [VIEW MORE TUTORIALS](#)

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