



How to change front
wheel bearing on
MERCEDES-BENZ CLK
(C208) – 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 CLK (C208) 200 2.0 (208.335), MERCEDES-BENZ CLK (C208) 230 2.3 Kompressor (208.347), MERCEDES-BENZ CLK (C208) 320 3.2 (208.365), MERCEDES-BENZ CLK (C208) 200 2.0 Kompressor (208.345), MERCEDES-BENZ CLK (C208) 430 4.3 (208.370), MERCEDES-BENZ CLK (C208) 55 AMG 5.4 (208.374), MERCEDES-BENZ CLK (C208) 200 2.0 Kompressor (208.344), MERCEDES-BENZ CLK (C208) 230 2.3 Kompressor (208.348)

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 C-Class Saloon (W203) C 240 (203.061)

REPLACEMENT: WHEEL BEARING – MERCEDES-BENZ CLK (C208). LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- All-purpose cleaning spray
- Copper grease
- Multipurpose grease
- Torque wrench
- Combination spanner #32
- HEX bit No.H5
- Drive socket # 12
- Drive socket # E12
- Drive socket # 18
- Torx bit T30
- Wheel impact socket #17
- Ratchet wrench
- Tap wrench
- Impact screwdriver
- Crow bar
- Round-nose pliers
- Bush and bearing driver set
- Hammer
- Rubber mallet
- Vice
- 3-Arm Gear Puller
- Telescoping magnet
- Wheel chock

Buy tools

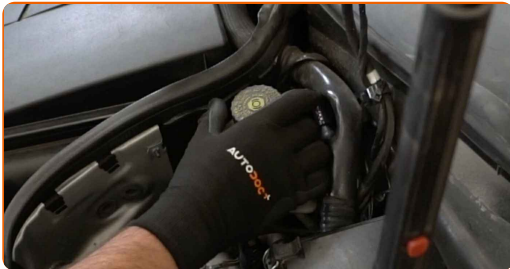
Replacement: wheel bearing – MERCEDES-BENZ CLK (C208). AUTODOC experts recommend:

- Do not re-use the bearing assembly of your MERCEDES-BENZ CLK (C208) car.
- The wheel hub bearing replacement procedure is identical for both wheels on the same axle.
- All work should be done with the engine stopped.

REPLACEMENT: WHEEL BEARING – MERCEDES-BENZ CLK (C208). USE THE FOLLOWING PROCEDURE:

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 front 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-BENZ CLK (C208)

6 Remove the wheel.



7 Detach the connector of the brake pad wear sensor. Use round-nose pliers.



8

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

**9**

Unscrew the brake caliper fastening. Use a drive socket #12. Use a ratchet wrench.

**10**

Spread the brake pads. Use a crowbar.

**11**

Remove the brake caliper.



Replacement: wheel bearing – MERCEDES-BENZ CLK (C208). Professionals 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.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

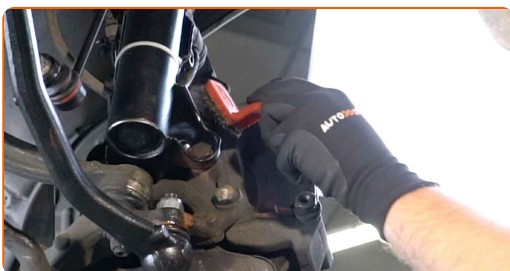
12

Remove the brake pads.



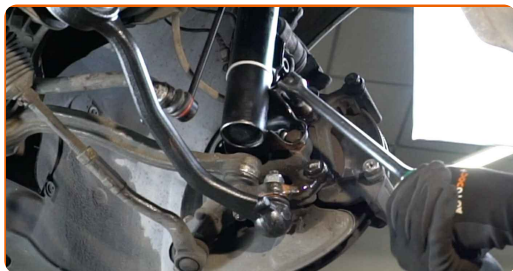
13

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

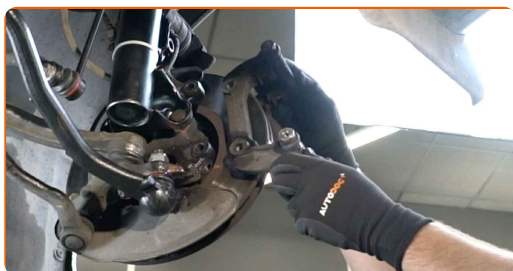


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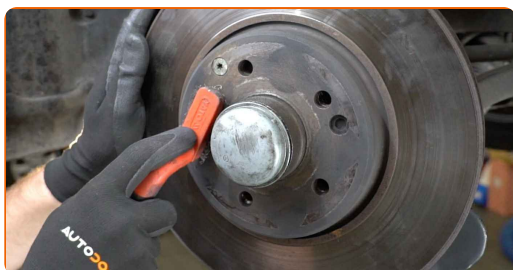
Unscrew the caliper bracket fastening. Use a drive socket #18. Use a tap wrench. Use a ratchet wrench.

**15**

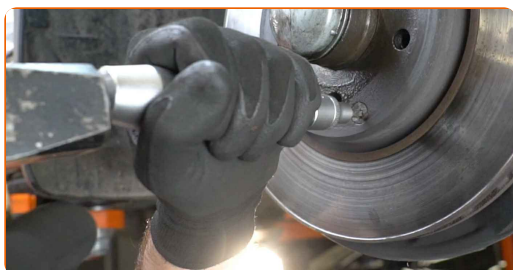
Remove the caliper bracket.

**16**

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

**17**

Unscrew the brake disc fastening. Use Torx T30. Use an impact screwdriver.



18 Remove the brake disc.



19 Remove the wheel hub nut cap. Use a crowbar. Use a hammer.



Replacement: wheel bearing – MERCEDES-BENZ CLK (C208). Tip from AUTODOC:

- In some cars, the wheel hub nut is not protected with a cap.

20 Loosen the wheel hub fastening nut screw. Use HEX No.H5. Use a ratchet wrench.

21 Make a mark on the hub nut.

22 Unscrew the hub nut.

23 Remove the fastening nut.

24 Remove the wheel hub bearing. Use a telescoping magnet.



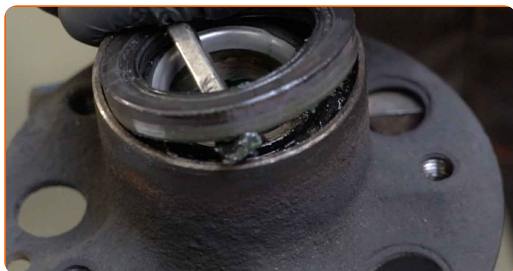
25 Remove the wheel hub together with the bearing.



26 Grip the wheel hub together with the bearing in a vice.



27 Remove the old O-ring. Use a crowbar.



28 Remove the wheel hub bearing.



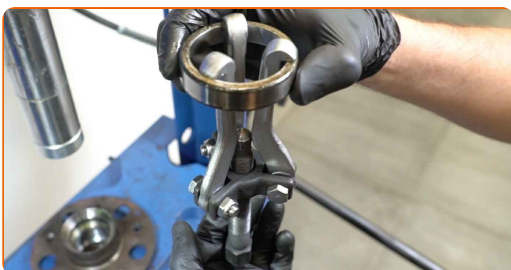
29 Loosen the vice and remove the hub.



30 Pull the bearing inner race out of the wheel hub. Use a bush and bearing driver set.



31 Pull the bearing inner race out of the wheel hub. Use 3-Arm Gear Puller. Use a bush and bearing driver set.



32 Clean the hub. Use a wire brush. Use all-purpose cleaning spray.



33 Treat the mounting seat of the bearing assembly. Use a multipurpose grease.



34 Install the inner race of the wheel bearing into the hub. Use a bush and bearing driver set.



35 Treat the mounting seat of the bearing assembly. Use a multipurpose grease.



36 Install the inner race of the wheel bearing into the hub. Use a bush and bearing driver set.



37 Place the hub in the vice.



38 Treat the mounting seat of the bearing assembly. Use a multipurpose grease.



39 Install a new wheel hub bearing.



40 Release the vice and take out the wheel hub together with the bearing.



41 Install the new O-ring. Use a bush and bearing driver set.

42 Clean the fasteners of the brake disc cover. Use a wire brush. Use WD-40 spray.



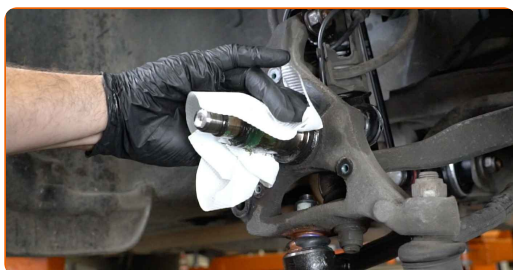
43 Unscrew the fasteners of the brake disc cover. Use a drive socket #E12. Use a ratchet wrench.



44 Remove the brake disc cover.



45 Clean the wheel hub mounting seat. Use all-purpose cleaning spray.



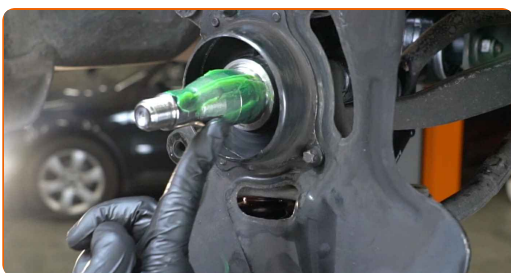
46 Install the brake disc cover.



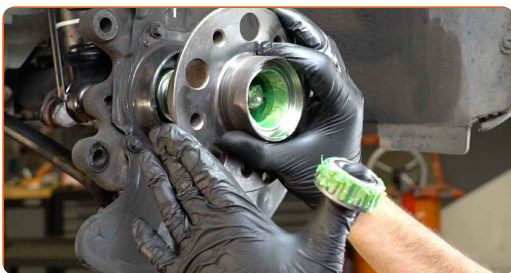
47 Screw in the fasteners of the brake disc cover. Use a drive socket #E12. Use a torque wrench. Tighten it to 11 Nm torque.



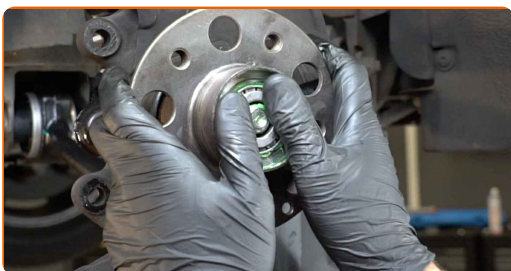
48 Treat the mounting seat of the bearing assembly. Use a multipurpose grease.



49 Install the new wheel hub together with the bearing.



50 Install a new wheel hub bearing.



51 Install the fastening nut.



Replacement: wheel bearing – MERCEDES-BENZ CLK (C208). Tip:

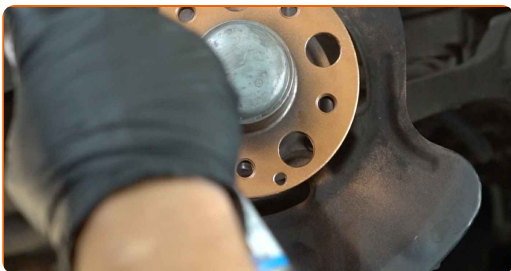
- Insert the hub nut according to the mark.

52 Screw on the hub nut.

53 Install the cap of the hub nut.



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



55 Install the brake disc.



56 Tighten the brake disc fastening. Use Torx T30. Use a torque wrench. Tighten it to 9 Nm torque.



57 Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.



AUTODOC recommends:

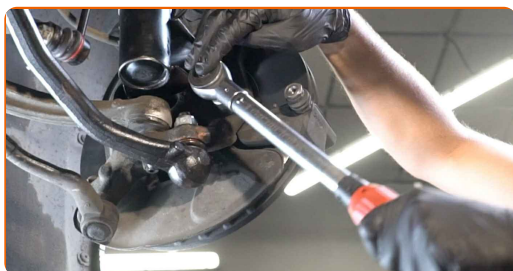
- Replacement: wheel bearing – MERCEDES-BENZ CLK (C208). After applying the spray, wait a few minutes.

58

Install the brake caliper bracket.

**59**

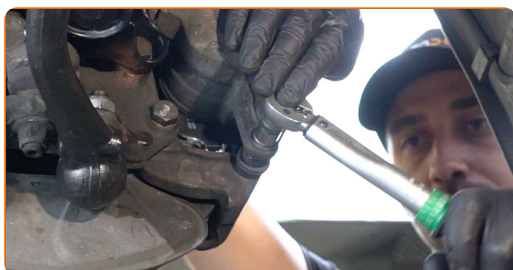
Tighten the brake caliper bracket. Use a drive socket #18. Use a torque wrench. Tighten it to 115 Nm torque.

**60**

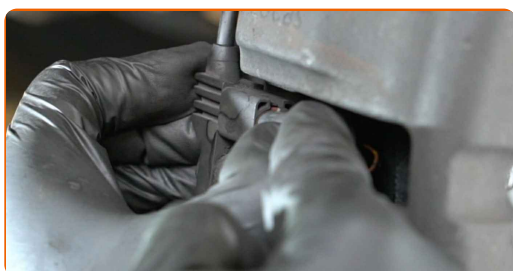
Install the brake pads.

**61**

Install the brake caliper and fix it. Use a drive socket #12. Use a torque wrench. Tighten it to 25 Nm torque.

**62**

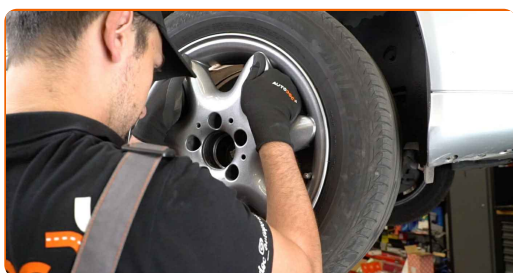
Attach the connector of the brake pad wear sensor.



63 Remove the wheel hub nut cap.



64 Install the wheel.



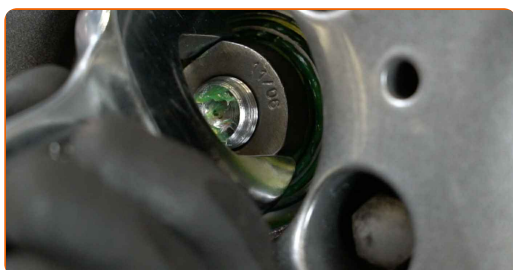
AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. MERCEDES-BENZ CLK (C208)

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



66 Adjust the wheel bearing. Use a combination spanner #32.



Replacement: wheel bearing – MERCEDES-BENZ CLK (C208). AUTODOC experts recommend:

- Do not apply excessive force when tightening the wheel hub nut. This can damage the tapered roller bearings.

67

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



68

Unscrew the wheel bolts.

AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. MERCEDES-BENZ CLK (C208)

69

Remove the wheel.



70

Screw in the wheel hub fastening nut screw. Use HEX No.H5. Use a ratchet wrench.



71

Treat the wheel hub bearing. Use a multipurpose grease.



72

Install the cap of the hub nut. Use a rubber mallet. Use a crowbar.



73

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



74

Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: wheel bearing – MERCEDES-BENZ CLK (C208). After applying the spray, wait a few minutes.

75

Install the wheel.

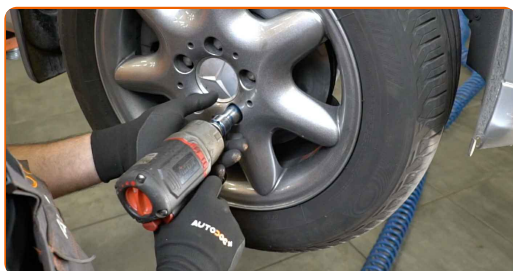


AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. MERCEDES-BENZ CLK (C208)

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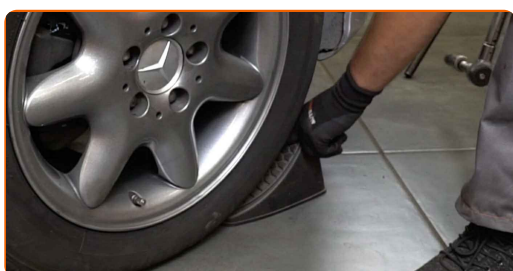
Screw in the wheel bolts. Use wheel impact socket #17.



77 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.



78 Remove the jacks and chocks.



79 Tighten the brake fluid reservoir cap. Close the hood.



WELL DONE! 

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WHEEL BEARING: A WIDE SELECTION

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