



How to change front ball  
joint 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), MERCEDES-BENZ CLK (C208) 55 AMG

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 E-Class Saloon (W210) E 270 CDI (210.016)

REPLACEMENT: BALL JOINT – MERCEDES-BENZ CLK (C208). TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Ceramic grease
- Torque wrench
- Combination spanner #22
- Drive socket # 21
- Drive socket # 22
- Wheel impact socket #17
- Ratchet wrench
- Tap wrench
- Ball joint puller
- Hydraulic transmission jack
- Wheel chock

**Buy tools**

**Replacement: ball joint – MERCEDES-BENZ CLK (C208). Tip from AUTODOC:**

- The replacement procedure is identical for the left and right ball joints.
- All work should be done with the engine stopped.

**REPLACEMENT: BALL JOINT – MERCEDES-BENZ CLK (C208).  
RECOMMENDED SEQUENCE OF STEPS:**

**1** Secure the wheels with chocks.

**2** Loosen the wheel bolts. Use wheel impact socket #17. Use a tap wrench.



**3** Raise the car.

**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.

4

Unscrew the wheel bolts.

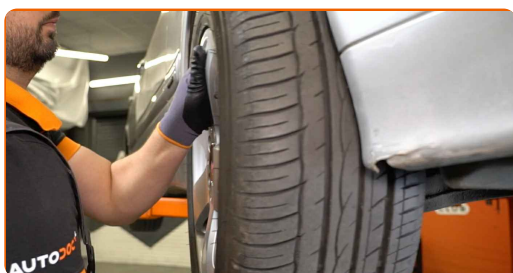


Replacement: ball joint – MERCEDES-BENZ CLK (C208). Tip:

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

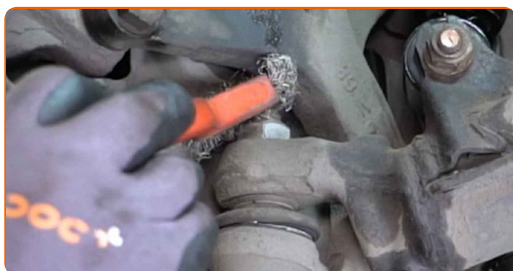
5

Remove the wheel.



6

Clean the ball joint fasteners. Use a wire brush. Use WD-40 spray.



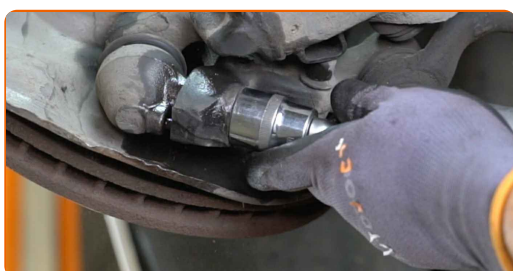
7

Unscrew the fastener connecting the ball joint to the steering knuckle. Use a combination spanner #22.



8

Unscrew the fastener connecting the ball joint to the suspension control arm. Use a drive socket #22. Use a ratchet wrench.



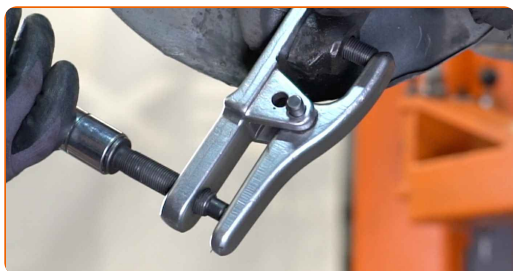
9

Disconnect the ball joint from the control arm. Use a ball joint puller.



10

Disconnect the ball joint from the steering knuckle. Use a ball joint puller.



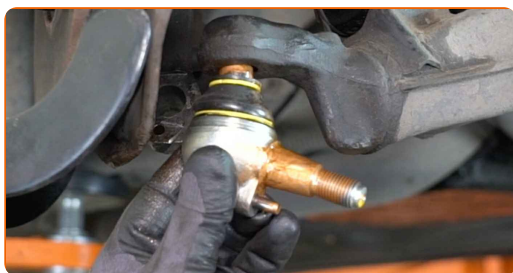
**11** Remove the ball joint.



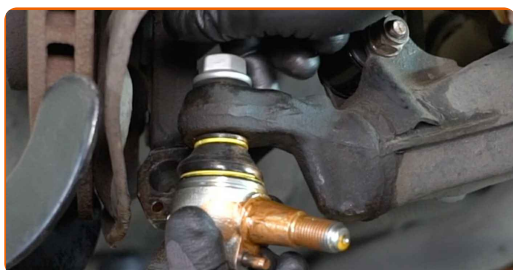
**12** Support the steering knuckle. Use a hydraulic transmission jack.

**13** Clean the ball joint mounting seat. Use a wire brush.

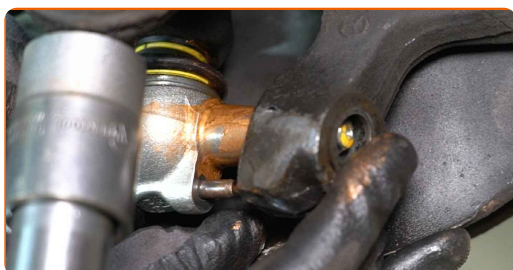
**14** Install a new ball joint.



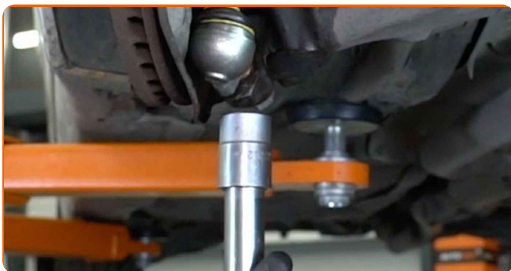
**15** Attach the ball joint to the control arm.



**16** Connect the ball joint to the steering knuckle.



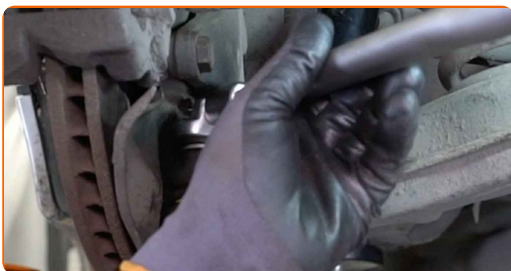
**17** Remove the support from under the steering knuckle.



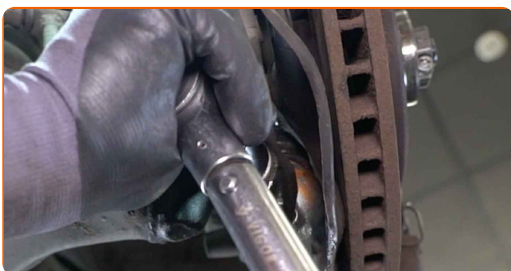
**AUTODOC recommends:**

- Replacement: ball joint – MERCEDES-BENZ CLK (C208). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

**18** Tighten the ball joint fastener. Use a combination spanner #22. Use a torque wrench. Tighten it to 105 Nm torque.

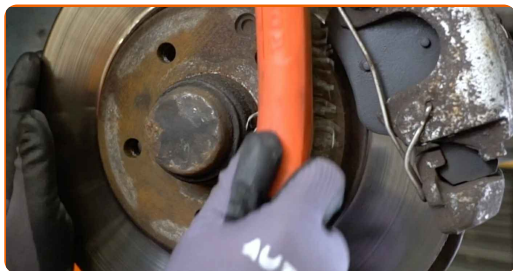


**19** Tighten the fastener connecting the ball joint to the steering knuckle. Use a drive socket #21. Use a torque wrench. Tighten it to 105 Nm torque.

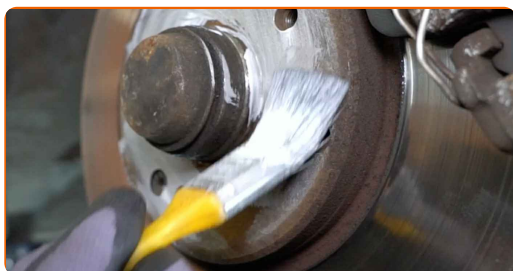




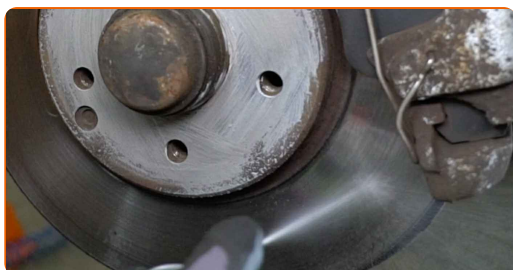
**20** Clean the wheel rim mounting seat. Use a wire brush.



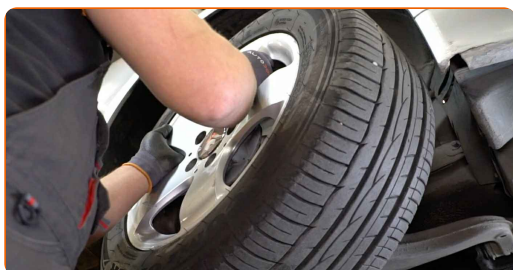
**21** Treat the surface where the brake disc contacts the wheel rim. Use ceramic grease.



**22** Clean the brake disk surface. Use a brake cleaner.



**23** Install the wheel.

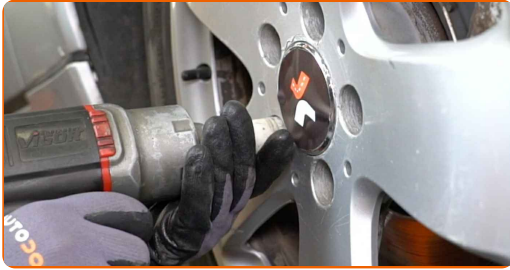


Replacement: ball joint – MERCEDES-BENZ CLK (C208). Tip from AUTODOC experts:

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

24

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



25

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.



26

Remove the jacks and chocks.



**WELL DONE!** 

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