



How to change rear  
suspension lower control  
arm on **MERCEDES-  
BENZ W124 Convertible  
(A124)** – 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 W124 Convertible (A124) 300 CE-24 3.0 (124.061), MERCEDES-BENZ W124 Convertible (A124) 300 CE 3.2

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: REAR SUSPENSION LOWER CONTROL ARM – MERCEDES-BENZ W124 CONVERTIBLE (A124).  
TOOLS YOU NEED:**



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torque wrench
- Combination spanner #16
- HEX bit No.H5.
- XZN socket bit # 12
- Drive socket # 10
- Drive socket # 19
- Wheel impact socket #17
- Ratchet wrench
- Hammer
- Crow bar
- Tap wrench
- Ball joint puller
- Hydraulic transmission jack
- Wheel chock

**Buy tools**

Replacement: rear suspension lower control arm – MERCEDES-BENZ W124 Convertible (A124). AUTODOC experts recommend:

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

## REPLACEMENT: REAR SUSPENSION LOWER CONTROL ARM – MERCEDES-BENZ W124 CONVERTIBLE (A124). USE THE FOLLOWING PROCEDURE:

**1** Secure the wheels with chocks.

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



**3** Raise the rear of the car and secure on supports.

**4** Unscrew the wheel bolts.



**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.  
MERCEDES-BENZ W124 Convertible (A124)

5

Remove the wheel.

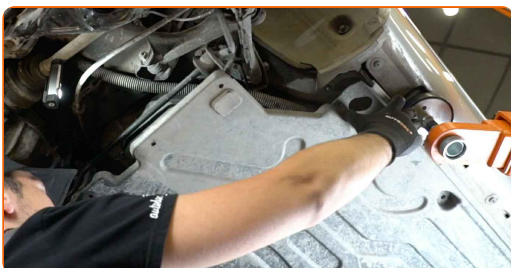


6

Unscrew the fasteners of the plastic car body protective cover. Use a drive socket #10. Use a ratchet wrench.

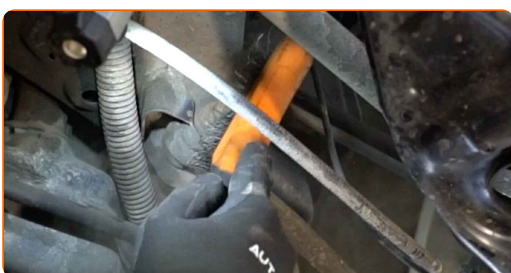
7

Remove the plastic car body protective cover.

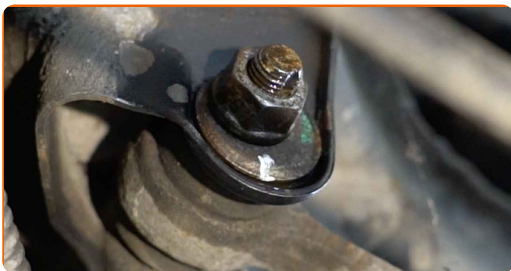


8

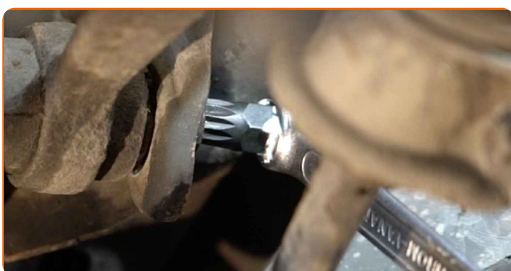
Clean all joints of the arm. Use a wire brush. Use WD-40 spray.



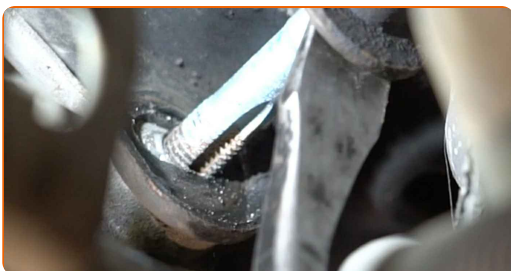
**9** Make a mark on the camber adjustment bolt.



**10** Unscrew the fastener connecting the control arm to the subframe. Use XZN #12. Use a drive socket #19. Use a tap wrench.



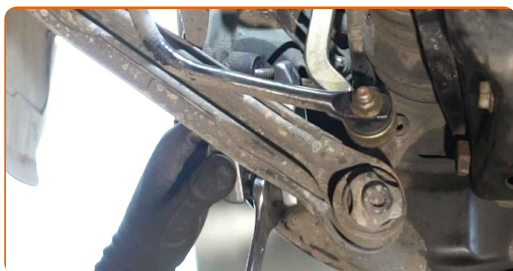
**11** Remove the fastening bolt. Use a crowbar. Use a hammer.



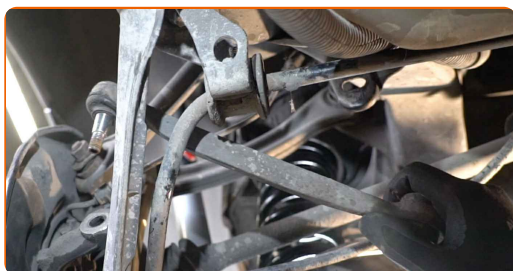
**12** Unscrew the fastener connecting the control arm to the rear knuckle. Use a combination spanner #16. Use HEX No.H5. Use a ratchet wrench.



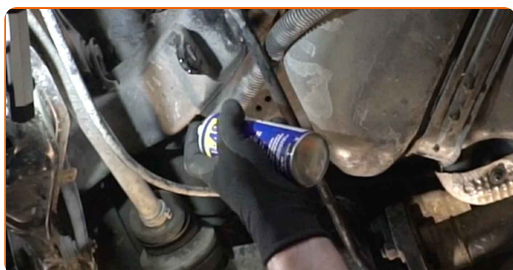
**13** Detach the ball joint from the rear knuckle. Use a ball joint puller.



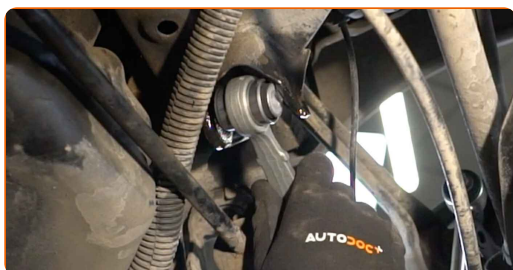
**14** Remove the arm. Use a crowbar.



**15** Clean the mounting seats and the thread of the suspension arm. Use a wire brush. Use WD-40 spray.



**16** Install a new arm.



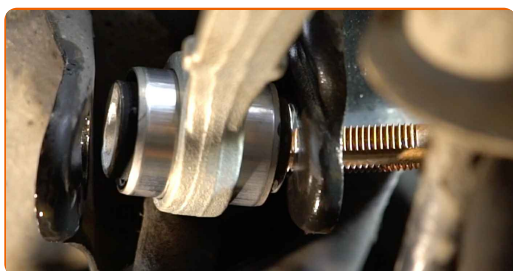


**AUTODOC recommends:**

- Replacement: rear suspension lower control arm – MERCEDES-BENZ W124 Convertible (A124). Use only new bolts and nuts for installation.
- Do not damage the ball joint cover.

**17**

Install the fastening bolt.

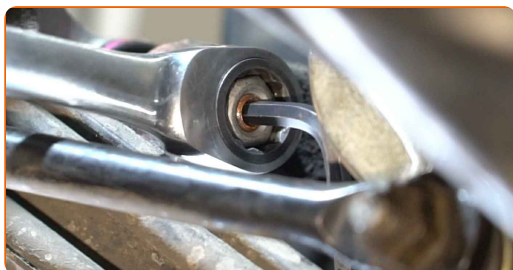


**18**

Attach the ball joint to the rear knuckle.

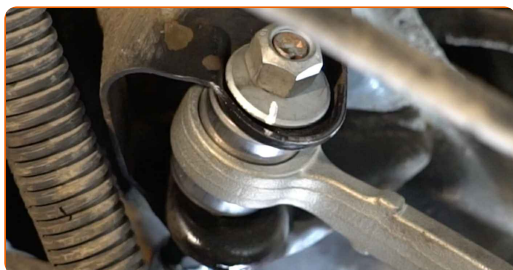
**19**

Screw in the fasteners connecting the control arm to the rear knuckle. Use a combination spanner #16. Use HEX No.H5. Use a ratchet wrench.



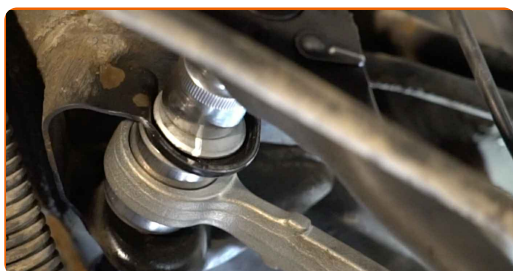
**20**

Adjust the position of the alignment bolt according to the mark.

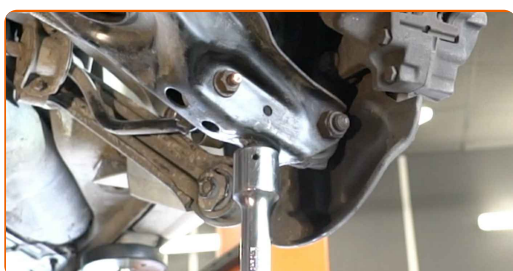




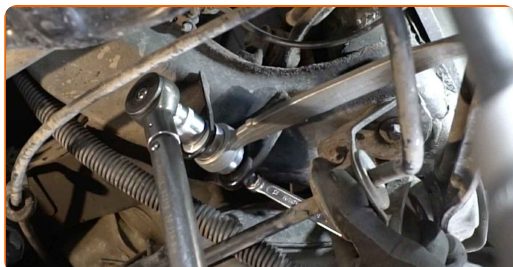
- 21** Screw the fastener connecting the control arm to the subframe. Use XZN #12. Use a drive socket #19. Use a tap wrench.



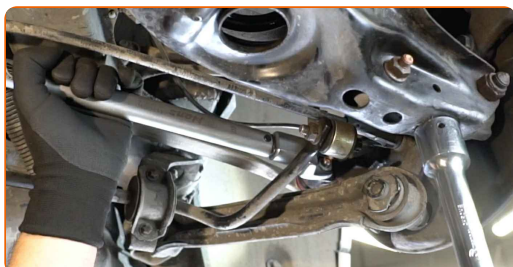
- 22** Support the arm. Use a hydraulic transmission jack.



- 23** Tighten the fastener connecting the control arm to the subframe. Use XZN #12. Use a drive socket #19. Use a torque wrench. Tighten it to 70 Nm torque.

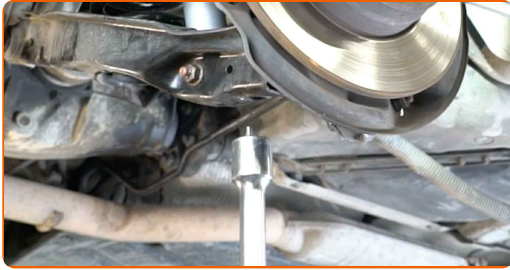


- 24** Tighten the fastener connecting the control arm to the rear knuckle. Use a combination spanner #16. Use a torque wrench. Tighten it to 70 Nm torque.



**25**

Remove the support from under the arm.

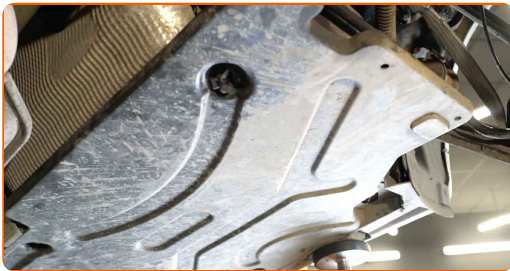


**AUTODOC recommends:**

- Replacement: rear suspension lower control arm – MERCEDES-BENZ W124 Convertible (A124). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

**26**

Reinstall the plastic car body protective cover.

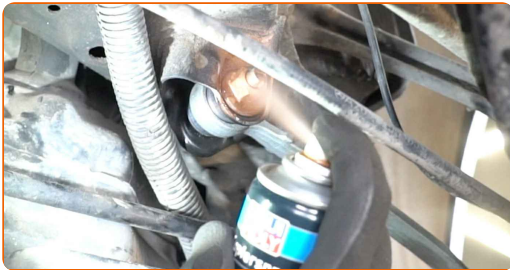


**27**

Screw in the fasteners of the plastic car body protective cover. Use a drive socket #10. Use a ratchet wrench.

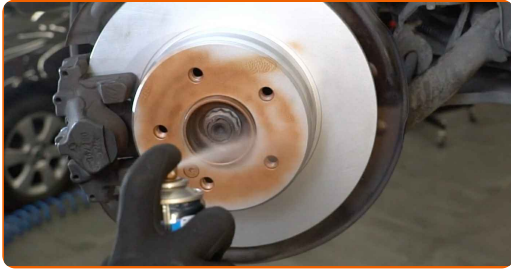
**28**

Treat all joints of the arm. Use copper grease.



**29**

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



**30**

Clean the brake disk surface. Use a brake cleaner.

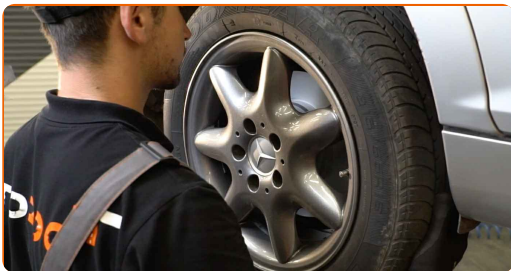


**AUTODOC recommends:**

- Replacement: rear suspension lower control arm – MERCEDES-BENZ W124 Convertible (A124). After applying the spray, wait a few minutes.

**31**

Install the wheel.



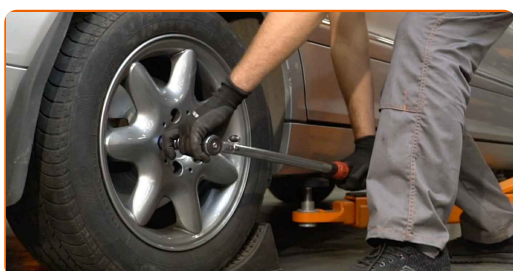
**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. MERCEDES-BENZ W124 Convertible (A124)

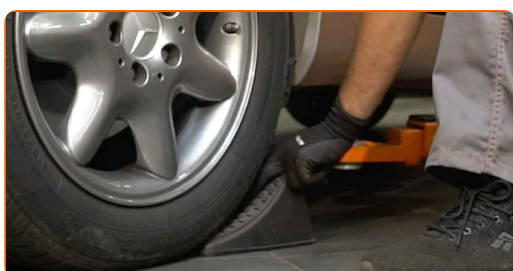
**32** Screw in the wheel bolts. Use wheel impact socket #17.



**33** 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.



**34** Remove the jacks and chocks.



**WELL DONE!** 

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