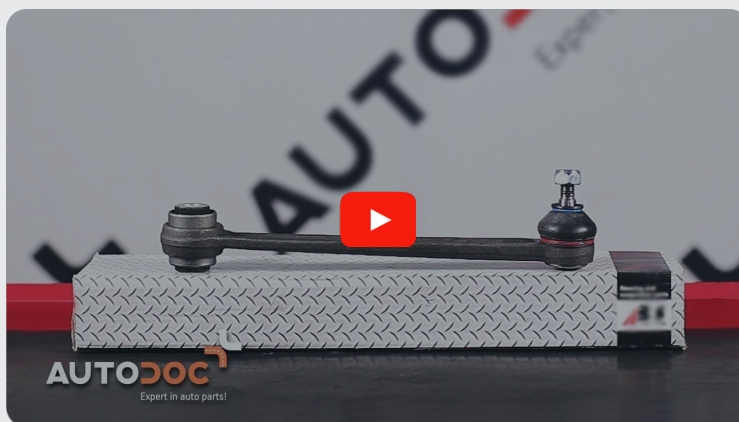




How to change rear  
lower arm on  
**MERCEDES-BENZ E-  
Class Coupe (C124)** –  
replacement guide

### 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 E-Class Coupe (C124) E 200 (124.040), MERCEDES-BENZ E-Class Coupe (C124) E 220 (124.042), MERCEDES-BENZ E-Class Coupe (C124) E 320 (124.052), MERCEDES-BENZ E-Class Coupe (C124) E 36 AMG (124.052)

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 200 (210.035)

**REPLACEMENT: REAR LOWER ARM – MERCEDES-BENZ  
E-CLASS COUPE (C124). TOOLS YOU MIGHT NEED:**



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #17
- Impact socket №19
- Torx bit T20
- XZN socket bit # M10
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Hammer
- Ball joint puller
- Hydraulic transmission jack
- Wheel chock

**Buy tools**

Replacement: rear lower arm – MERCEDES-BENZ E-Class Coupe (C124).  
 AUTODOC experts recommend:

- The replacement procedure is identical for the left and right lower control arms.
- Please note: all work on the car – MERCEDES-BENZ E-Class Coupe (C124) – should be done with the engine switched off.

## CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

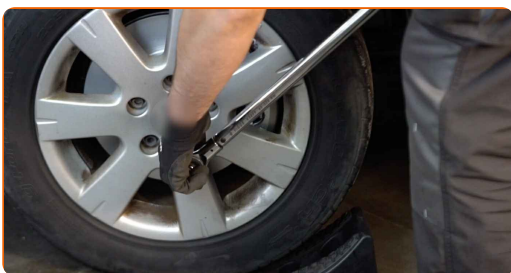
1

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 E-Class Coupe (C124)

5

Remove the wheel.

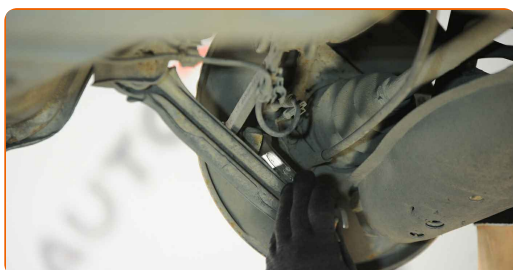


6

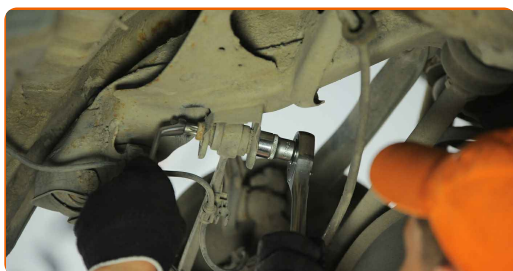
Clean all joints of the arm. Use a wire brush. Use WD-40 spray.

7

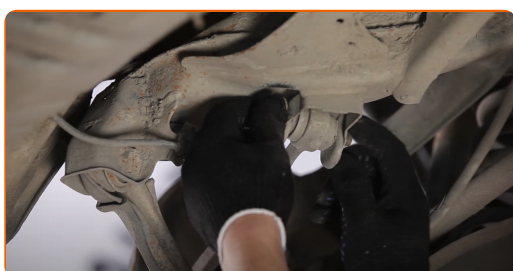
Unscrew the fastener connecting the control arm to the rear knuckle. Use a combination spanner #17.



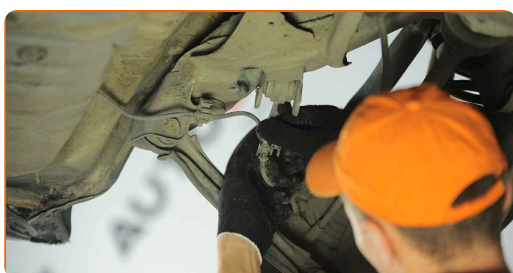
- 8** Unscrew the rear fastener connecting the control arm to the subframe. Use XZN #M10. Use a drive socket #19. Use a ratchet wrench.



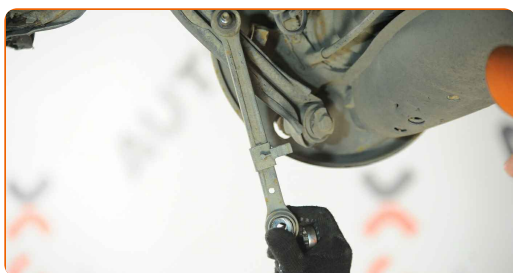
- 9** Remove the rear fastener of the control arm. Use a hammer.



- 10** Detach the ABS sensor wiring from the suspension control arm.



- 11** Remove the arm. Use a ball joint puller.



- 12** Clean the fastener of the ABS sensor bracket. Use a wire brush. Use WD-40 spray.

**13** Unscrew the bracket fastening to the arm. Use Torx T20. Use a ratchet wrench.



**14** Remove the bracket from the arm.

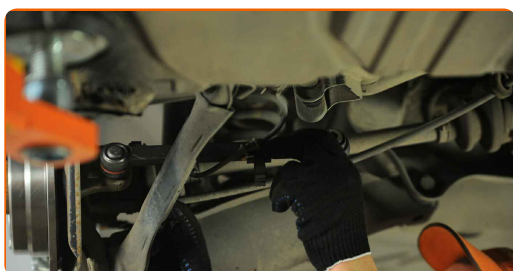
**15** Install the bracket onto the new arm.



**16** Tighten the bracket fastening to the arm. Use Torx T20. Use a ratchet wrench.



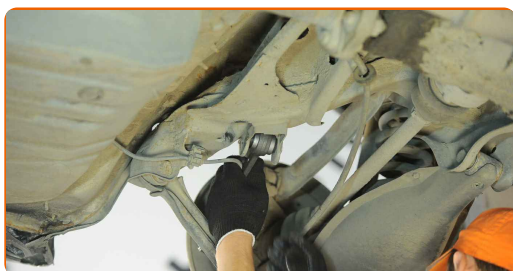
**17** Install a new suspension arm.



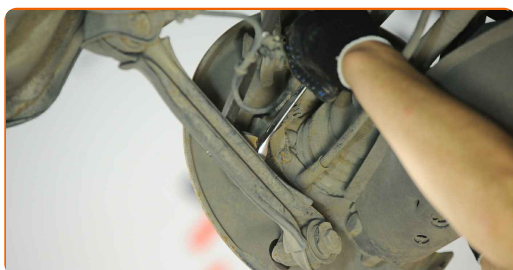
**18** Install the rear fastener of the control arm.



- 19** Screw the rear fastener connecting the control arm to the subframe. Use XZN #M10. Use a drive socket #19. Use a ratchet wrench.



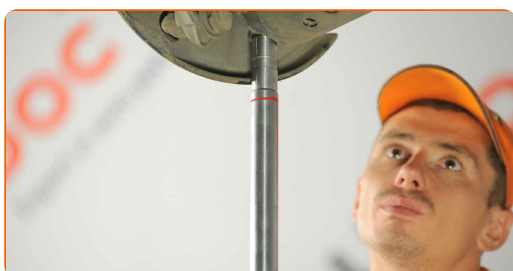
- 20** Tighten the fastener connecting the suspension arm to the rear knuckle. Use a combination spanner #17. Use a torque wrench. Tighten it to 40 Nm torque.



- 21** Connect the ABS sensor wiring.

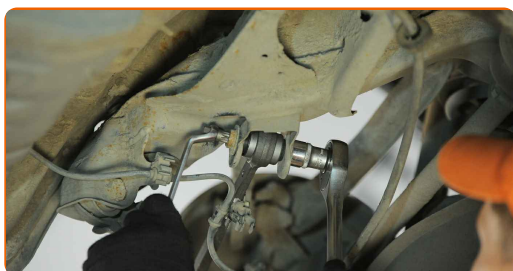


- 22** Support the arm. Use a hydraulic transmission jack.





- 23** Tighten the rear fastener connecting the control arm to the subframe. Use XZN #M10. Use a drive socket #19. Tighten it to 70 Nm torque.



- 24** Remove the support from under the arm.

**AUTODOC recommends:**

- MERCEDES-BENZ E-Class Coupe (C124) – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

- 25** Treat all joints of the arm. Use copper grease.



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



27

Clean the brake disk surface. Use a brake cleaner.



**AUTODOC recommends:**

- Replacement: rear lower arm – MERCEDES-BENZ E-Class Coupe (C124). After applying the spray, wait a few minutes.

28

Install the wheel.



**AUTODOC recommends:**

- Important! Hold the wheel while screwing in the fastening bolts. MERCEDES-BENZ E-Class Coupe (C124)

29

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

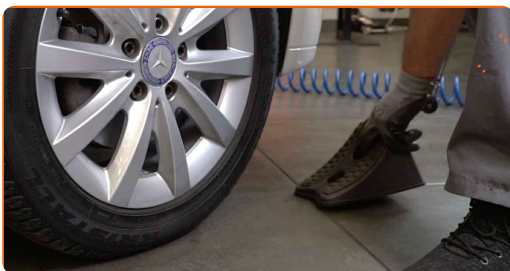


**30**

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.

**31**

Remove the jacks and chocks.



**WELL DONE!** 

**VIEW MORE TUTORIALS**

# AUTODOC – TOP QUALITY AND AFFORDABLE CAR PARTS ONLINE

**AUTODOC MOBILE APP: GREAT DEALS AND CONVENIENT SHOPPING**



**+ AUTODOC**

GET IT ON  
**Google Play**

 Download on the  
**App Store**

**Download**

**A GREAT SELECTION OF SPARE PARTS FOR YOUR CAR**

**CONTROL ARM: A WIDE SELECTION**

## **DISCLAIMER:**

The document contains only general recommendations that may be useful for you when you perform repair or replacement work. AUTODOC shall not be liable for any loss, injury, damage of property occurring in the repair or replacement process due to incorrect use or misinterpretation of the provided information.

AUTODOC shall not be liable for any possible mistakes and uncertainties in this guide. The information provided is for information purposes only and cannot replace advice from specialists.

AUTODOC shall not be liable for incorrect or hazardous usage of equipment, tools and car parts. AUTODOC strongly recommends to be careful and observe the safety rules when performing repair or replacement works. Remember: usage of low quality auto parts does not guarantee you the appropriate level of road safety.

© Copyright 2023 – All the contents of this website, in particular texts, photographs and graphics, are protected by copyright. All rights, including reproduction, publication, editing and translation rights, are reserved by AUTODOC SE.