



How to change front  
lower arm on  
**MERCEDES-BENZ E-  
Class Convertible (A207)**  
– 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 Convertible (A207) E 350 CDI, MERCEDES-BENZ E-Class Convertible (A207) E 300 (207.455), MERCEDES-BENZ E-Class Convertible (A207) E 350 (207.459), MERCEDES-BENZ E-Class Convertible (A207) E 500 (207.473), MERCEDES-BENZ E-Class Convertible (A207) E 350 (207.356), MERCEDES-BENZ E-Class Convertible (A207) E 220 CDI / BlueTEC / d (207.402, 207.401), MERCEDES-BENZ E-Class Convertible (A207) E 250 CDI / BlueTEC / d (207.403, 207.404), MERCEDES-BENZ E-Class Convertible (A207) E 350 CDI (207.422), MERCEDES-BENZ E-Class Convertible (A207) E 200 CGI (207.448), MERCEDES-BENZ E-Class Convertible (A207) E 250 CGI (207.447), MERCEDES-BENZ E-Class Convertible (A207) E 350 CGI (207.457), MERCEDES-BENZ E-Class Convertible (A207) E 500 (207.472), MERCEDES-BENZ E-Class Convertible (A207) E 220 CDI (207.402), MERCEDES-BENZ E-Class Convertible (A207) E 350 BlueTEC (207.426), MERCEDES-BENZ E-Class Convertible (A207) E 200 (207.434), (+ 6)

The steps may slightly vary depending on the car design.

Please note that this tutorial was created based on the replacement procedure for this car part on a car with a similar design.

This tutorial was created based on the replacement procedure for a similar car part on: MERCEDES-BENZ C-Class Saloon (W204) C 220 CDI (204.008)

**REPLACEMENT: FRONT LOWER ARM – MERCEDES-BENZ E-CLASS CONVERTIBLE (A207). LIST OF THE TOOLS YOU'LL NEED:**



- Wire brush
- WD-40 spray
- Brake cleaner
- Ceramic grease
- Copper grease
- Torque wrench
- Combination spanner #21
- Combination spanner #22
- Torx bit E20
- Wheel impact socket #17
- Ratchet wrench
- Ball joint puller
- Hydraulic transmission jack
- Wheel chock

**Buy tools**

Replacement: front lower arm – MERCEDES-BENZ E-Class Convertible (A207).  
Tip from AUTODOC experts:

- The replacement procedure is identical for the left and right lower control arms.
- Please note: all work on the car – MERCEDES-BENZ E-Class Convertible (A207) – 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 car.

Replacement: front lower arm – MERCEDES-BENZ E-Class Convertible (A207).  
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.



**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.  
MERCEDES-BENZ E-Class Convertible (A207)

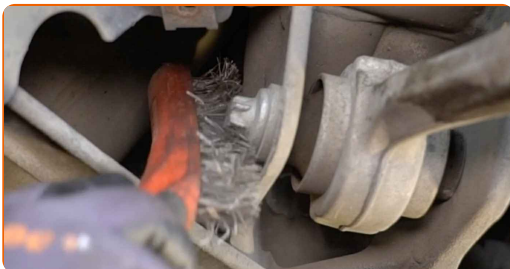
5

Remove the wheel.

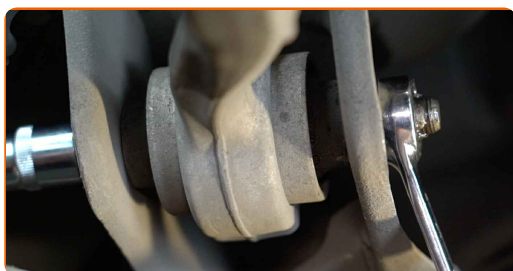


6

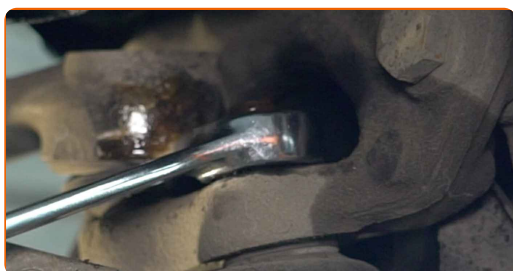
Clean all joints of the arm. Use a wire brush. Use WD-40 spray.



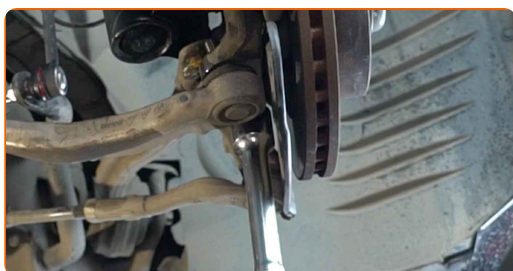
- 7 Unscrew the fastener connecting the control arm to the subframe. Use a combination spanner #21. Use Torx E20. Use a ratchet wrench.



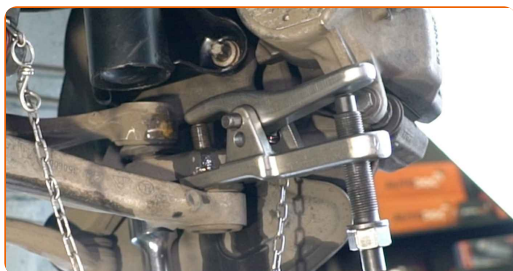
- 8 Unscrew the ball joint fastening to the steering knuckle. Use a combination spanner #21.



- 9 Prop up the steering knuckle. Use a hydraulic transmission jack.



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



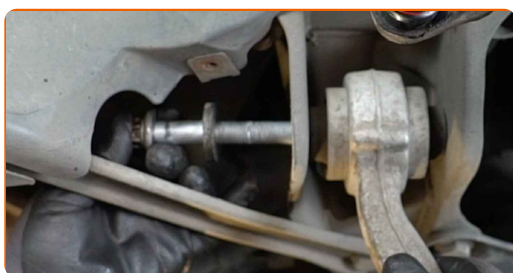
**11** Remove the support from under the steering knuckle.



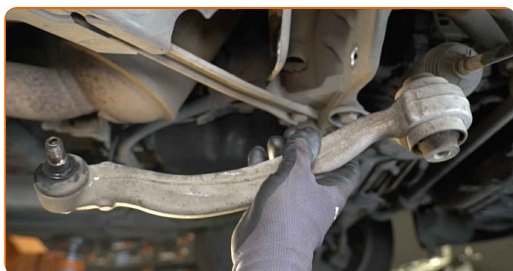
**AUTODOC recommends:**

- Replacement: front lower arm – MERCEDES-BENZ E-Class Convertible (A207). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

**12** Remove the fastening bolt.



**13** Remove the arm.





14

Clean the suspension arm mounting seats. Use a wire brush. Use WD-40 spray.



15

Install a new arm.



Replacement: front lower arm – MERCEDES-BENZ E-Class Convertible (A207).  
Tip from AUTODOC:

- During the installation process, use only new bolts and nuts.

16

Install the fastening bolt.



17

Connect the ball joint to the steering knuckle.



**18**

Prop up the steering knuckle. Use a hydraulic transmission jack.



**AUTODOC recommends:**

- For tightening the fasteners correctly, you have to jack up the suspension components to their working position.

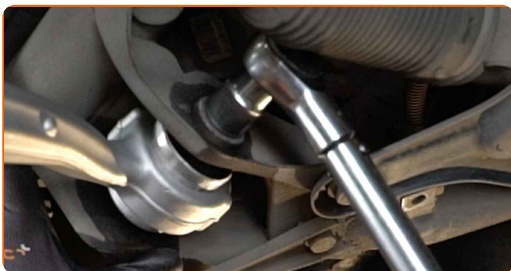
**19**

Tighten the fastener connecting the ball joint to the steering knuckle. Use a combination spanner #22. Use a torque wrench. Tighten it to 50 Nm torque.+60°



**20**

Tighten the fastener connecting the control arm to the subframe. Use a combination spanner #21. Use Torx E20. Use a torque wrench. Tighten it to 80 Nm torque.+120°



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



**AUTODOC recommends:**

- Replacement: front lower arm – MERCEDES-BENZ E-Class Convertible (A207). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

**22** Treat all joints of the arm. Use copper grease.



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



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



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



**AUTODOC recommends:**

- After applying the spray, wait a few minutes.

**26** Install the wheel.



**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. MERCEDES-BENZ E-Class Convertible (A207)

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



**28** 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 130 Nm torque.



**29** Remove the jacks and chocks.



**WELL DONE!** 

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