



How to change rear
lower arm on
MERCEDES-BENZ SLK
(R171) – 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 SLK (R171) 200 1.8 Kompressor (171.442), MERCEDES-BENZ SLK (R171) 350 3.5 (171.456), MERCEDES-BENZ SLK (R171) 55 AMG 5.4 (171.473), MERCEDES-BENZ SLK (R171) 280 3.0 (171.454), MERCEDES-BENZ SLK (R171) 350 3.5 (171.458), MERCEDES-BENZ SLK (R171) 200 1.8 Kompressor (171.445), MERCEDES-BENZ SLK (R171) 300 3.0 (171.454), MERCEDES-BENZ SLK (R171) 55 AMG (171.473)

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 (W124) E 250 D (124.126, 124.129)

**REPLACEMENT: REAR LOWER ARM – MERCEDES-BENZ
SLK (R171). TOOLS YOU NEED:**



- Wire brush
- WD-40 spray
- All-purpose cleaning spray
- Ceramic grease
- Torque wrench
- Combination spanner #18
- XZN socket bit # 12
- Wheel impact socket #17
- Ratchet wrench
- Tap wrench
- Hydraulic transmission jack
- Wheel chock

Buy tools

Replacement: rear lower arm – MERCEDES-BENZ SLK (R171). Professionals recommend:

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

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

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: rear lower arm – MERCEDES-BENZ SLK (R171). AUTODOC recommends:

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

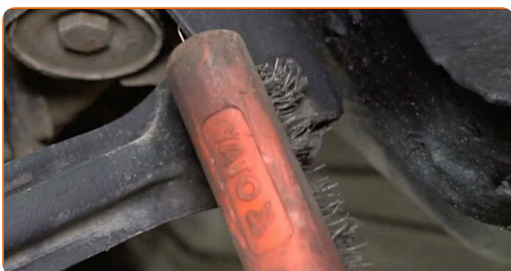
5

Remove the wheel.



6

Clean the control arm fasteners. Use a wire brush. Use WD-40 spray.



- 7 Unscrew the fastener connecting the control arm to the subframe. Use a combination spanner #18. Use XZN #12. Use a ratchet wrench.



- 8 Unscrew the fastener that connects the suspension arm to the stub axle. Use a combination spanner #18. Use XZN #12. Use a ratchet wrench.



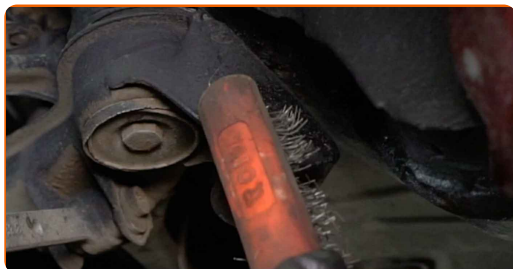
- 9 Remove the fastening bolts.



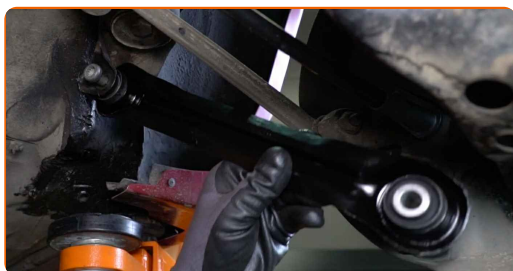
- 10 Remove the control arm.



11 Clean the suspension arm mounting seats. Use a wire brush. Use all-purpose cleaning spray.



12 Install a new control arm.



13 Install the fastening bolts.



14 Support the rear knuckle. Use a hydraulic transmission jack.



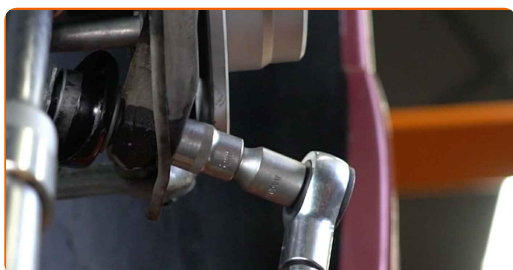
Replacement: rear lower arm – MERCEDES-BENZ SLK (R171). Tip:

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

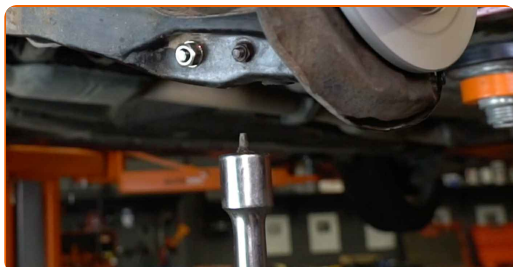
- 15** Tighten the fastener connecting the control arm to the subframe. Use a combination spanner #18. Use XZN #12. Use a torque wrench. Tighten it to 70 Nm torque.



- 16** Tighten the fastener connecting the suspension arm to the rear knuckle. Use a combination spanner #18. Use XZN #12. Use a torque wrench. Tighten it to 70 Nm torque.



- 17** Remove the support from under the rear knuckle.



AUTODOC recommends:

- MERCEDES-BENZ SLK (R171) – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

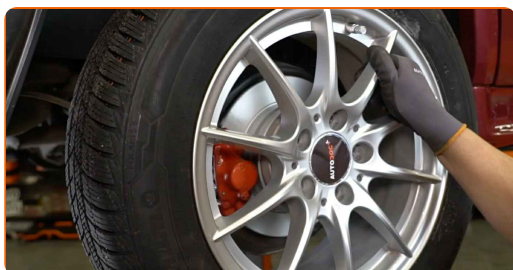
18 Clean the wheel rim mounting seat. Use a wire brush. Use all-purpose cleaning spray.



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



20 Install the wheel.



AUTODOC recommends:

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

21

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



22

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.



23

Remove the jacks and chocks.



WELL DONE! 

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