



How to change rear
suspension lower trailing
arm on **MERCEDES-
BENZ CLS (C219)** –
replacement guide

SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

i Important!

This replacement procedure can be used for:

MERCEDES-BENZ CLS (C219) CLS 350 (219.356), MERCEDES-BENZ CLS (C219) CLS 500 (219.375), MERCEDES-BENZ CLS (C219) CLS 55 AMG (219.376), MERCEDES-BENZ CLS (C219) CLS 320 CDI (219.322), MERCEDES-BENZ CLS (C219) CLS 350 (219.357), MERCEDES-BENZ CLS (C219) CLS 500 (219.372), MERCEDES-BENZ CLS (C219) CLS 63 AMG (219.377), MERCEDES-BENZ CLS (C219) CLS 280 (219.354), MERCEDES-BENZ CLS (C219) CLS 300 (219.354), MERCEDES-BENZ CLS (C219) CLS 350 CDI (219.322), MERCEDES-BENZ CLS (C219) CLS 320 CDI, MERCEDES-BENZ CLS (C219) CLS 350 CDI

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 (W211) E 270 CDI (211.016)

REPLACEMENT: REAR SUSPENSION LOWER TRAILING ARM – MERCEDES-BENZ CLS (C219). TOOLS YOU NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torque wrench
- Combination spanner #18
- Drive socket # 10
- Drive socket # 18
- XZN socket bit # 12
- Wheel impact socket #17
- Ratchet wrench
- Hydraulic transmission jack
- Crow bar
- Wheel chock

Buy tools

Replacement: rear suspension lower trailing arm – MERCEDES-BENZ CLS (C219). Tip from AUTODOC experts:

- 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 TRAILING ARM – MERCEDES-BENZ CLS (C219). USE THE FOLLOWING PROCEDURE:

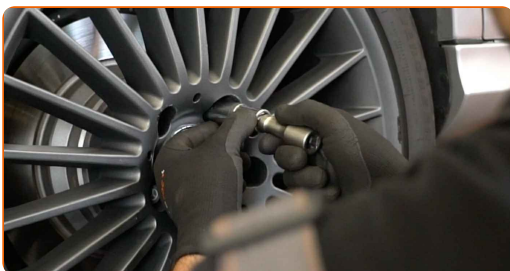
1 Secure the wheels with chocks.

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.

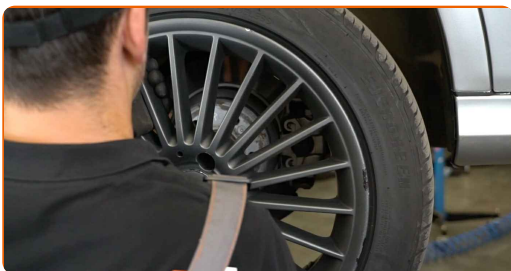


AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.
MERCEDES-BENZ CLS (C219)

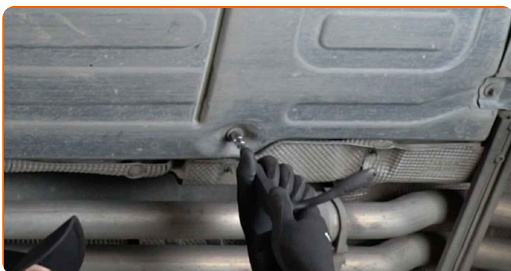
5

Remove the wheel.



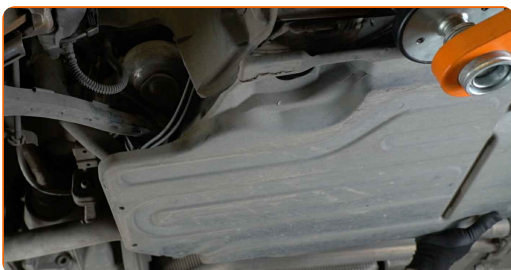
6

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



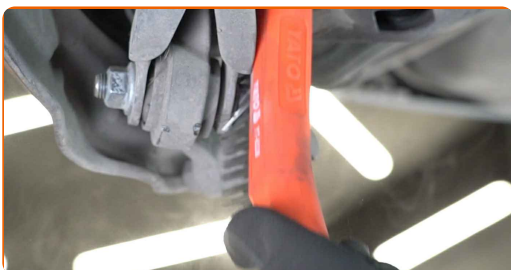
7

Remove the plastic car body protective cover.

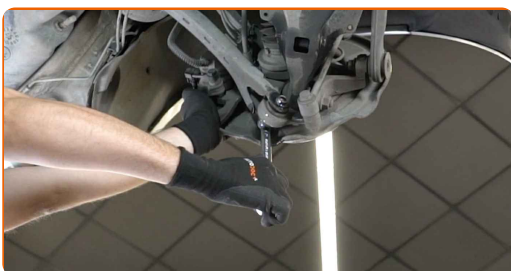


8

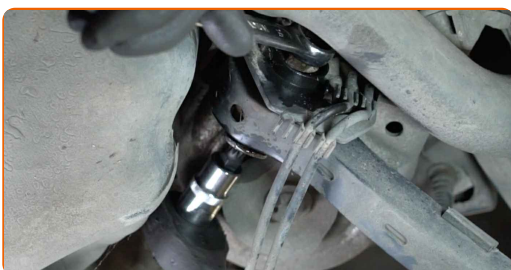
Clean all joints of the arm. Use a wire brush. Use WD-40 spray.



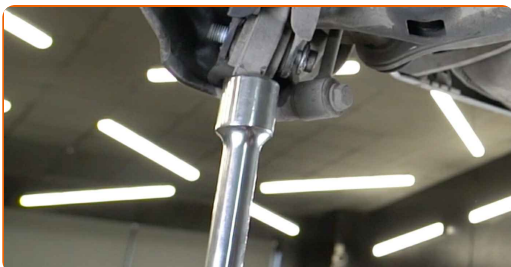
- 9** Unscrew the fastener connecting the control arm to the rear knuckle. Use a combination spanner #18. Use a drive socket #18. Use XZN #12. Use a ratchet wrench.



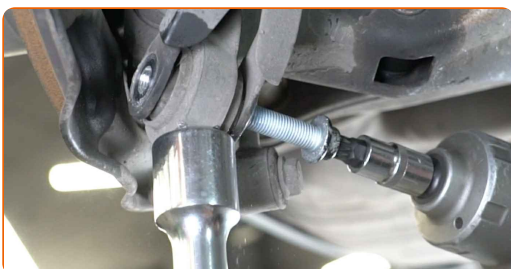
- 10** Unscrew the fastener connecting the control arm to the subframe. Use a combination spanner #18. Use a drive socket #18. Use XZN #12. Use a ratchet wrench.



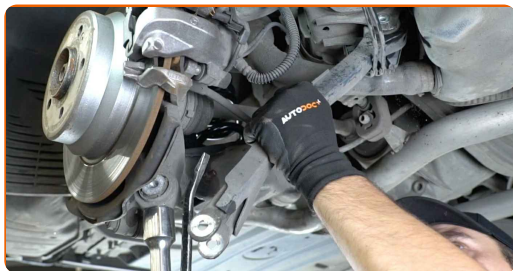
- 11** Support the arm. Use a hydraulic transmission jack.



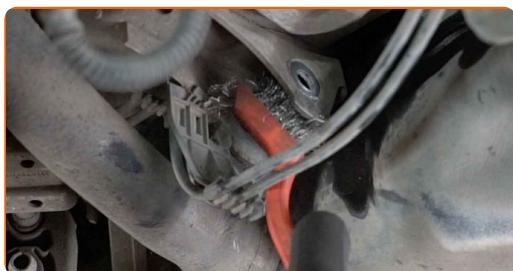
- 12** Remove the fastening bolts. Use XZN #12. Use a ratchet wrench.



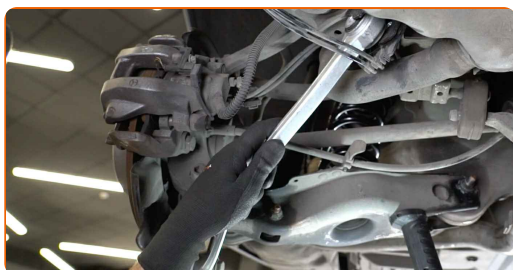
13 Remove the arm. Use a crowbar.



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



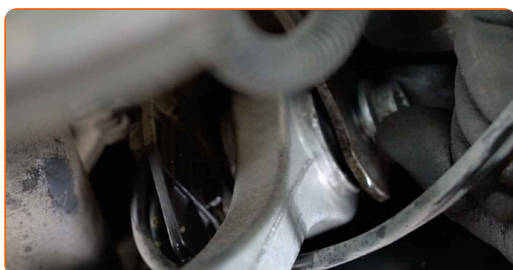
15 Install a new arm.



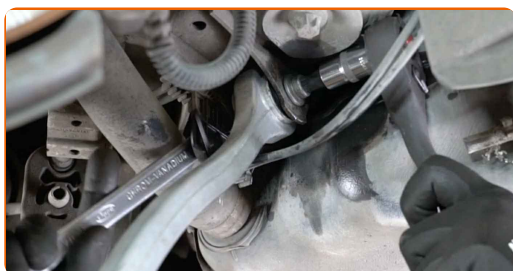
AUTODOC recommends:

- Replacement: rear suspension lower trailing arm – MERCEDES-BENZ CLS (C219).
Use only new bolts and nuts for installation.

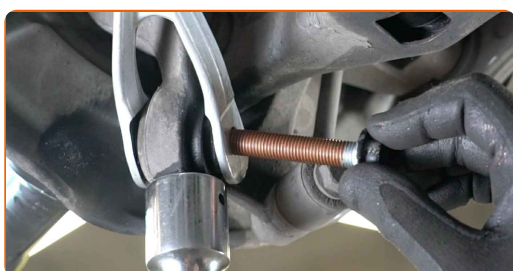
16 Install the fastening bolt.



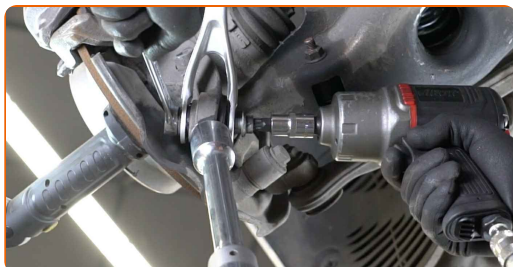
- 17 Screw the fastener connecting the control arm to the subframe. Use a combination spanner #18. Use a drive socket #18. Use XZN #12. Use a ratchet wrench.



- 18 Install the fastening bolt.



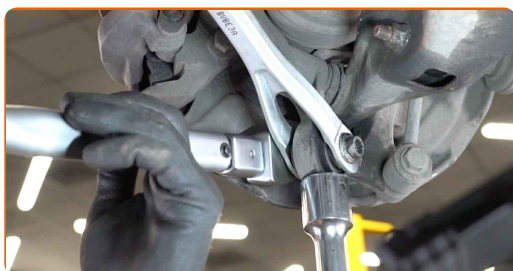
- 19 Screw in the fasteners connecting the control arm to the rear knuckle. Use a combination spanner #18. Use a drive socket #18. Use XZN #12. Use a ratchet wrench.



- 20 Raise the hydraulic transmission jack by 10-15 cm.



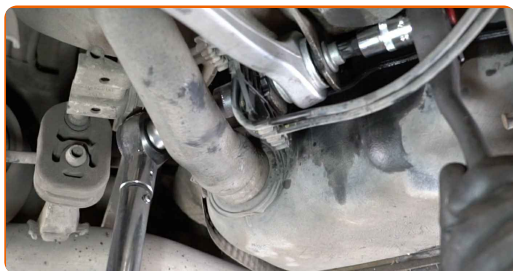
- 21** Tighten the fastener connecting the control arm to the rear knuckle. Use a combination spanner #18. Use a torque wrench. Tighten it to 50 Nm torque.+90°



AUTODOC recommends:

- Important! Be sure to use new fasteners.

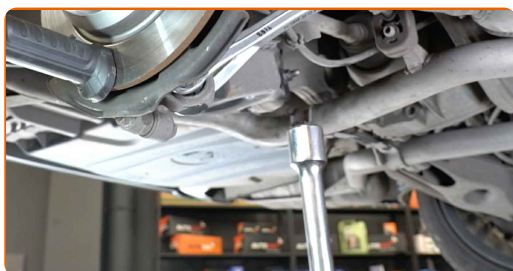
- 22** Tighten the fastener connecting the control arm to the subframe. Use a drive socket #18. Use XZN #12. Use a torque wrench. Tighten it to 50 Nm torque.+90°



AUTODOC recommends:

- Important! Be sure to use new fasteners.

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



AUTODOC recommends:

- Replacement: rear suspension lower trailing arm – MERCEDES-BENZ CLS (C219). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

24

Treat all joints of the arm. Use copper grease.



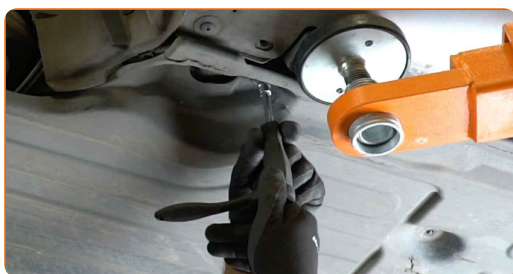
25

Reinstall the plastic car body protective cover.



26

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



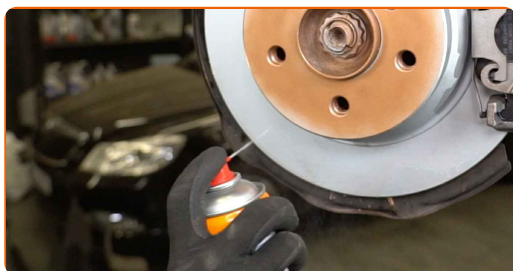
27

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



28

Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: rear suspension lower trailing arm – MERCEDES-BENZ CLS (C219).
After applying the spray, wait a few minutes.

29

Install the wheel.



AUTODOC recommends:

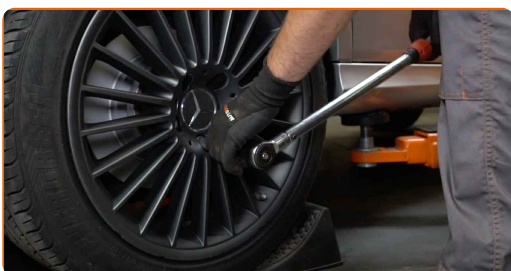
- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. MERCEDES-BENZ CLS (C219)

30

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

**31**

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.

**32**

Remove the jacks and chocks.



WELL DONE! 

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