



How to change front
lower arm on **Mercedes**
W201 – replacement
guide

VIDEO TUTORIAL



Important!

This replacement procedure can be used for:

MERCEDES-BENZ 190 (W201) E 1.8 (201.018), MERCEDES-BENZ 190 (W201) 2.0 (201.022), MERCEDES-BENZ 190 (W201) E 2.0 (201.024), MERCEDES-BENZ 190 (W201) 2.0 (201.023), MERCEDES-BENZ 190 (W201) E 2.0, MERCEDES-BENZ 190 (W201) D 2.0 (201.122), MERCEDES-BENZ 190 (W201) D 2.5 (201.126), MERCEDES-BENZ 190 (W201) Turbo-D 2.5 (201.128)

The steps may slightly vary depending on the car design.

REPLACEMENT: FRONT LOWER ARM – MERCEDES W201. LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- All-purpose cleaning spray
- Ceramic grease
- Torque wrench
- Combination spanner #13
- Combination spanner #19
- Combination spanner #22
- Drive socket # 13
- Drive socket # 19
- Drive socket # 22
- Wheel impact socket #17
- Ratchet wrench
- Tap wrench
- Hammer
- Pin punch
- Flat chisel
- Crow bar
- Rubber mallet
- Water pump pliers
- Strut spring compressor
- Hydraulic transmission jack
- Wheel chock

BUY TOOLS

Replacement: front lower arm – Mercedes W201. AUTODOC recommends:

- The replacement procedure is identical for the left and right lower control arms.
- Please note: all work on the car – Mercedes W201 – 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 bolts. Use wheel impact socket #17. Use a tap wrench.



3 Raise the car.



Replacement: front lower arm – Mercedes W201. 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.

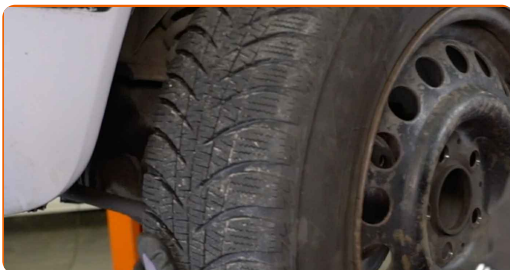


AUTODOC recommends:

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

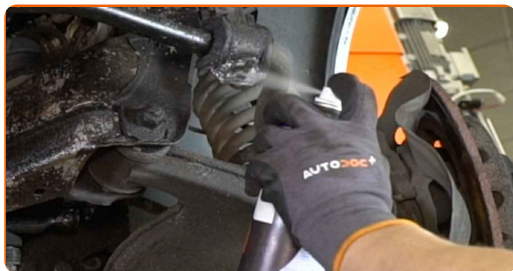
5

Remove the wheel.



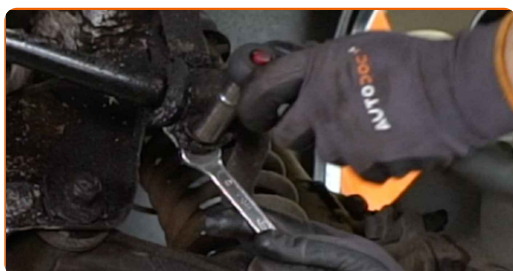
6

Clean the fasteners of the stabilizer bush brackets. Use a wire brush. Use WD-40 spray.



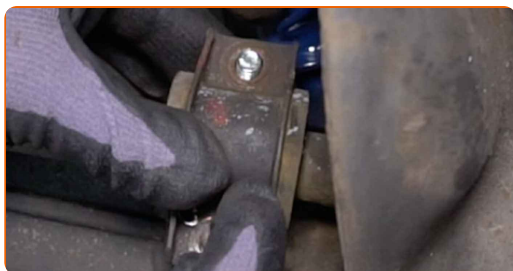
7

Unscrew the fasteners of the stabilizer bush brackets. Use a combination spanner #13. Use a drive socket #13. Use a ratchet wrench.



8

Remove the fastening bolts.



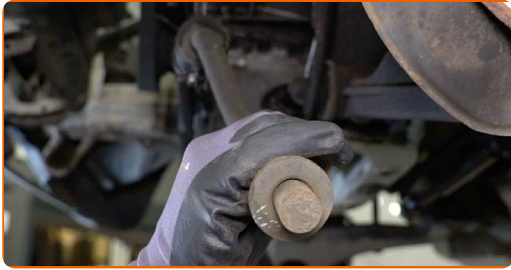
9

Remove the stabilizer bush brackets.



10

Detach the anti-roll bar from the suspension arms.



11

Install the coil spring compressor on the coil spring.



Replacement: front lower arm – Mercedes W201. Professionals recommend:

- Use adapters and jaws of the appropriate size.
- The spring coils should be securely fixed with the coil spring compressor.
- Use high quality coil spring compressors.

12

Support the control arm. Use a hydraulic transmission jack.

13

Compress the spring.

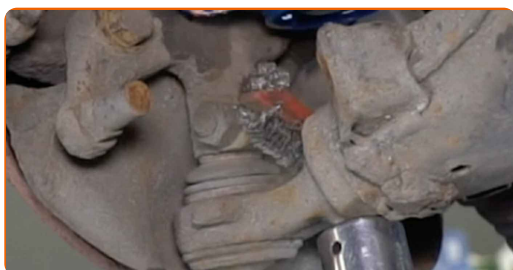


AUTODOC recommends:

- Be careful. The compressed spring is powerful and can cause injury if it comes loose.

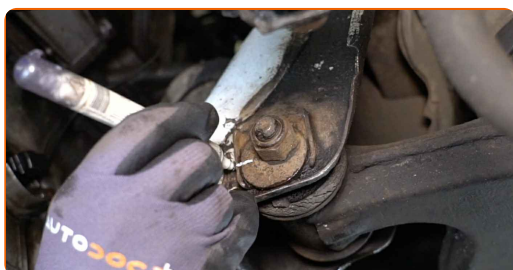
14

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



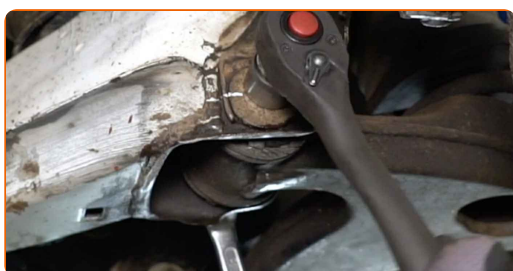
15

Make marks on the camber bolts.



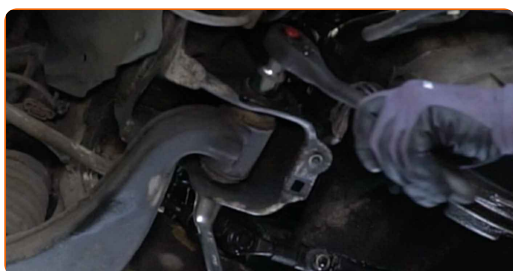
16

Unscrew the front fastener of the control arm. Use a combination spanner #22. Use a drive socket #22. Use a ratchet wrench.

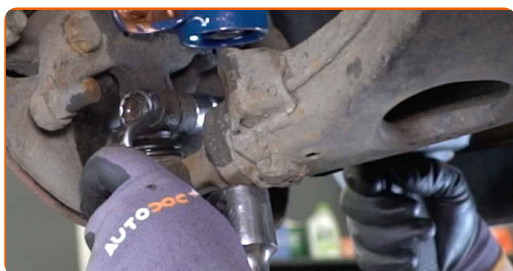


17

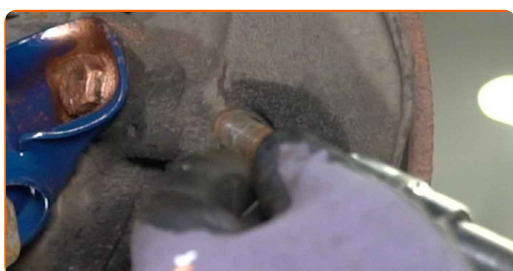
Unscrew the rear fastener of the control arm. Use a combination spanner #22. Use a drive socket #22. Use a ratchet wrench.



- 18** Unscrew the fastener connecting the ball joint to the steering knuckle. Use a combination spanner #19. Use a drive socket #19. Use a ratchet wrench.

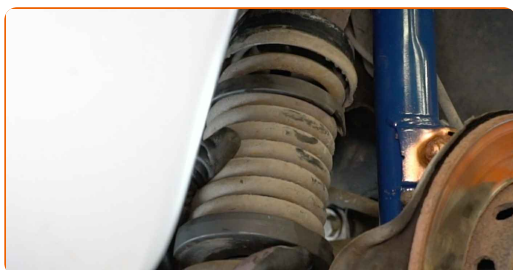


- 19** Remove the fastening bolt.



- 20** Remove the support from under the control arm.

- 21** Remove the coil spring together with the coil spring compressor.



Replacement: front lower arm – Mercedes W201. Tip from AUTODOC experts:

- While the spring is compressed, do not do any operations on it.

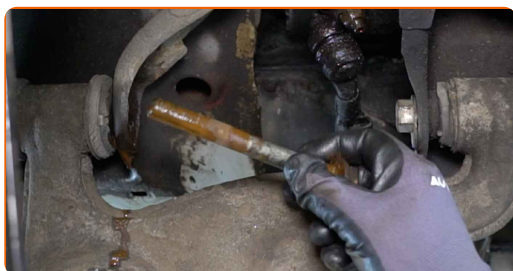
22

Disconnect the ball joint from the steering knuckle. Use a flat metal-working chisel. Use a hammer.



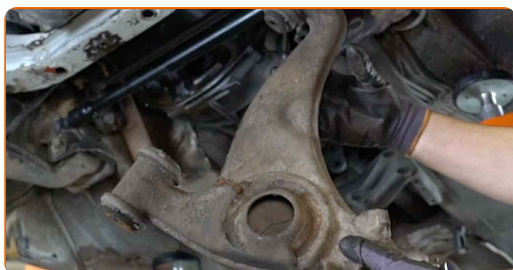
23

Remove the fastening bolts. Use a pin punch. Use a hammer.



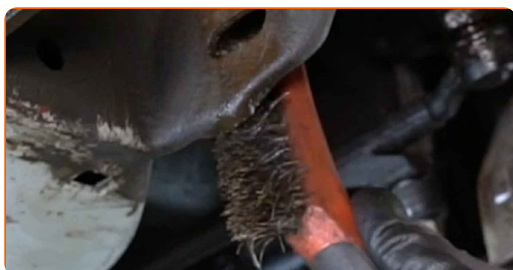
24

Remove the control arm. Use a crowbar.

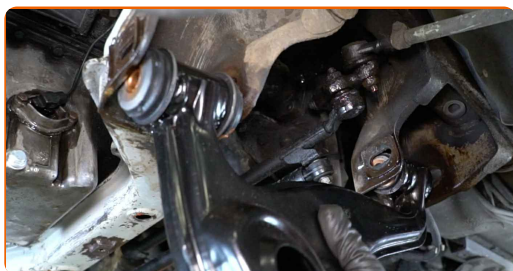


25

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



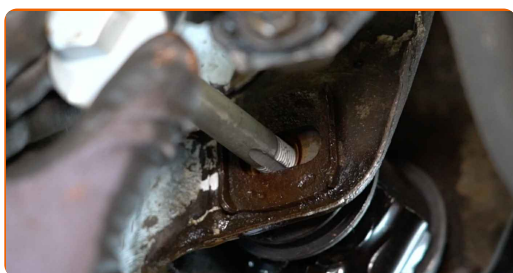
26 Install the new control arm.



AUTODOC recommends:

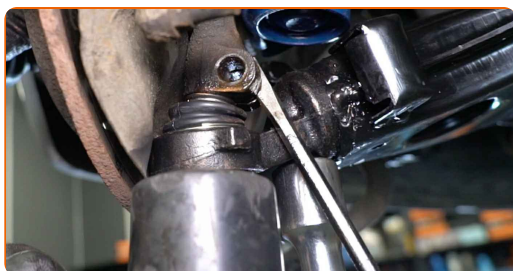
- During the installation process, use only new bolts and nuts.

27 Install the fastening bolts.

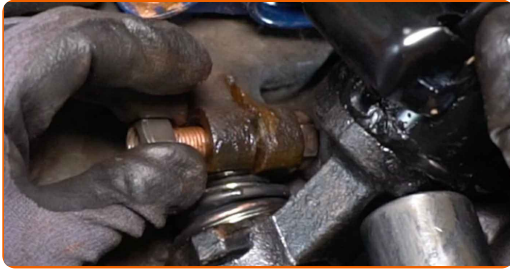


28 Connect the ball joint to the steering knuckle. Use a rubber mallet.

29 Support the control arm. Use a hydraulic transmission jack.



30 Install the fastening bolt.



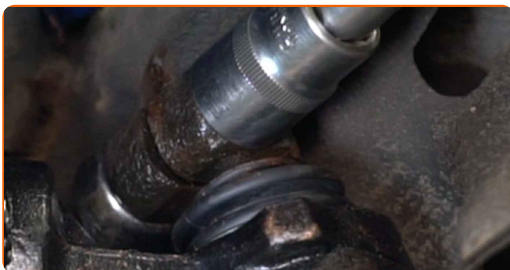
31 Install the spring together with the compressor.



Replacement: front lower arm – Mercedes W201. Tip from AUTODOC:

- Make sure that the coil spring is correctly positioned in its mounting seats.

32 Screw the fastener connecting the ball joint to the steering knuckle. Use a combination spanner #19. Use a drive socket #19. Use a ratchet wrench.



33 Decompress the spring.



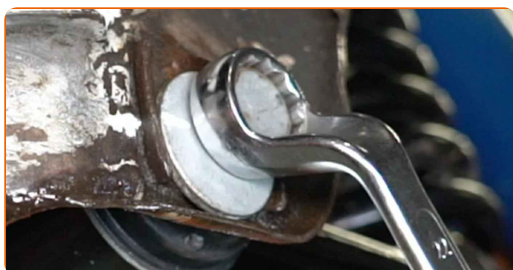
34 Remove the coil spring compressor.



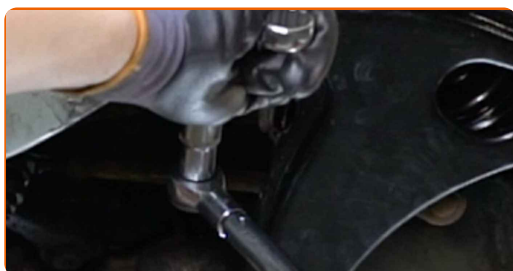
35 For tightening the fasteners correctly, you have to jack up the suspension components to their working position.



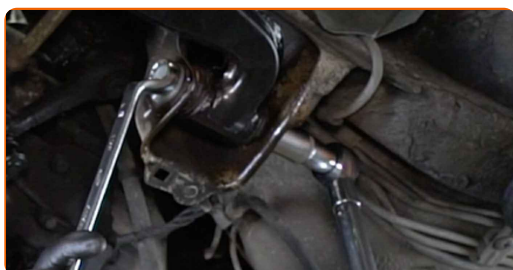
36 Adjust the position of the camber bolts according to the marks.



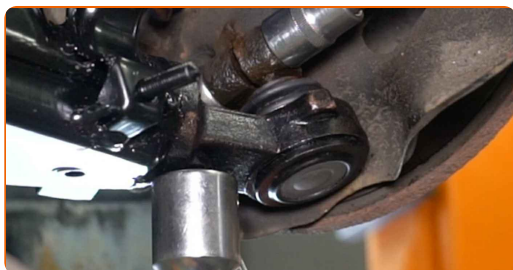
- 37** Tighten the rear fastener of the control arm. Use a combination spanner #22. Use a drive socket #22. Use a torque wrench. Tighten it to 120 Nm torque.



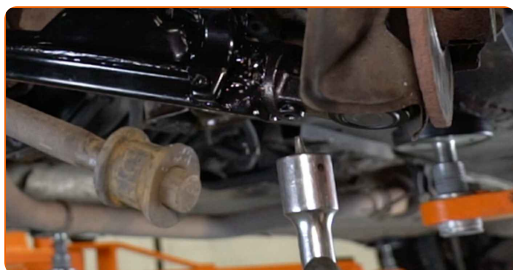
- 38** Tighten the front fastener of the arm. Use a combination spanner #22. Use a drive socket #22. Use a torque wrench. Tighten it to 120 Nm torque.



- 39** Tighten the fastener connecting the ball joint to the steering knuckle. Use a combination spanner #19. Use a drive socket #19. Use a torque wrench. Tighten it to 75 Nm torque.



- 40** Remove the support from under the control arm.

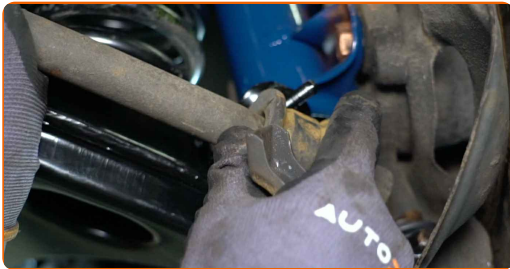


AUTODOC recommends:

- Replacement: front lower arm – Mercedes W201. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

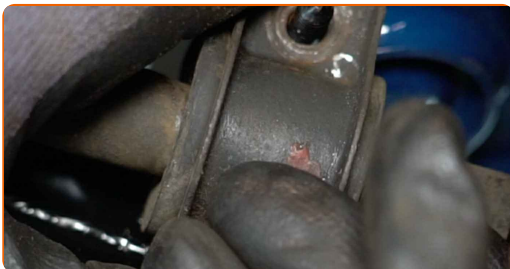
41

Attach the anti-roll bar to the suspension arms. Use a crowbar.



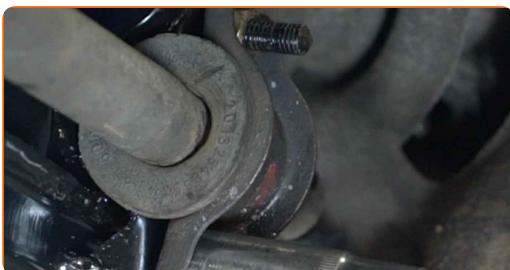
42

Install the stabilizer bush brackets. Use water pump pliers.

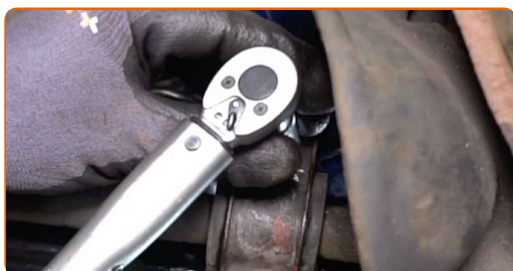


43

Install the fastening bolts.



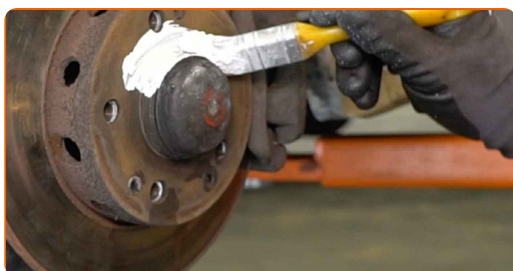
- 44 Tighten the fasteners on the anti-roll bar bush brackets. Use a combination spanner #13. Use a drive socket #13. Use a torque wrench. Tighten it to 20 Nm torque.



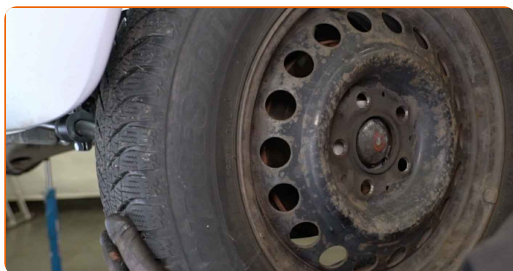
- 45 Clean the wheel rim mounting seat. Use a wire brush. Use all-purpose cleaning spray.



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



- 47 Install the wheel.



AUTODOC recommends:

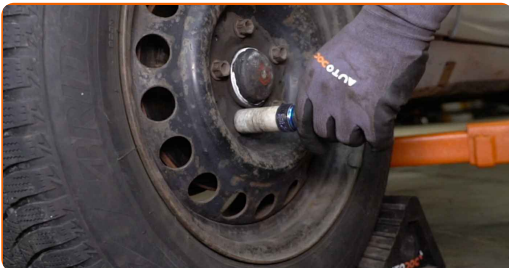
- To avoid injury, hold up the wheel when screwing in the fastening bolts.

48

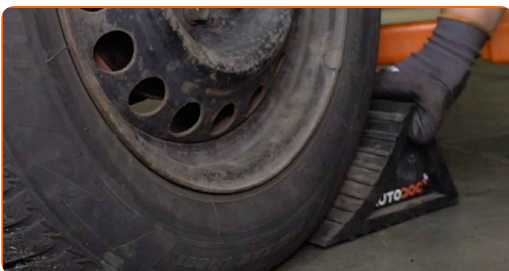
Screw in the wheel bolts. Use wheel impact socket #17. Use a ratchet wrench.

**49**

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.

**50**

Remove the jacks and chocks.



WELL DONE! 

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