



How to change front
lower arm on **Mercedes**
W245 – replacement
guide

VIDEO TUTORIAL



ⓘ Important!

This replacement procedure can be used for:

MERCEDES-BENZ A-Class (W169) E-CELL (169.090), MERCEDES-BENZ A-Class (W169) A 200 CDI (169.308, 169.008), MERCEDES-BENZ A-Class (W169) A 170 (169.032, 169.332), MERCEDES-BENZ A-Class (W169) A 150 (169.031, 169.331), MERCEDES-BENZ A-Class (W169) A 200 (169.033, 169.333), MERCEDES-BENZ A-Class (W169) A 160 CDI (169.006, 169.306), MERCEDES-BENZ A-Class (W169) A 180 CDI (169.007, 169.307), MERCEDES-BENZ A-Class (W169) A 200 CDI (169.008, 169.308), MERCEDES-BENZ B-Class (W245) B 180 CDI (245.207), MERCEDES-BENZ B-Class (W245) B 200 CDI (245.208), MERCEDES-BENZ B-Class (W245) B 170 (245.232), MERCEDES-BENZ B-Class (W245) B 200 TURBO (245.234), MERCEDES-BENZ B-Class (W245) B 150 (245.231), MERCEDES-BENZ A-Class (W169) A 200 TURBO (169.034, 169.334), MERCEDES-BENZ B-Class (W245) B 170 NGT (245.233), (+ 5)

The steps may slightly vary depending on the car design.

REPLACEMENT: FRONT LOWER ARM – MERCEDES W245. TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #21
- Combination spanner #22
- Drive socket # 10
- Drive socket # 14
- Drive socket # E18
- Wheel impact socket #H12
- Ratchet wrench
- Torque wrench
- Crow bar
- Ball joint puller
- Hydraulic transmission jack
- Wheel chock

BUY TOOLS

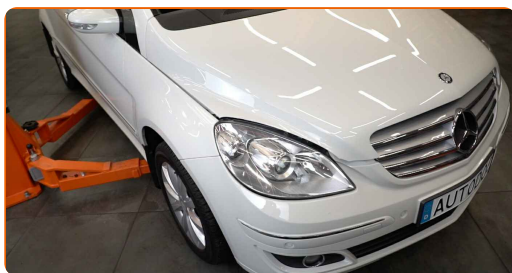
Replacement: front lower arm – Mercedes W245. AUTODOC recommends:

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

REPLACEMENT: FRONT LOWER ARM – MERCEDES W245. RECOMMENDED SEQUENCE OF STEPS:

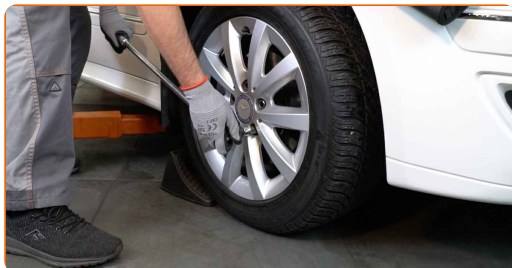
1

Secure the wheels with chocks.



2

Loosen the wheel mounting bolts. Use wheel impact socket #H12.



3

Raise the front of the car and secure on supports.



4

Unscrew the wheel bolts.

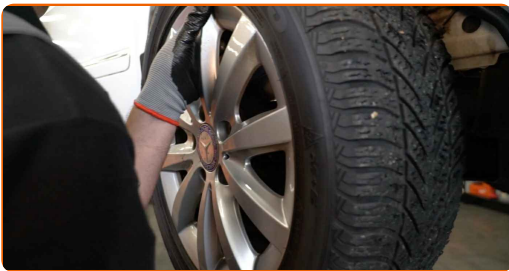


AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.
Mercedes W245

5

Remove the wheel.



6

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

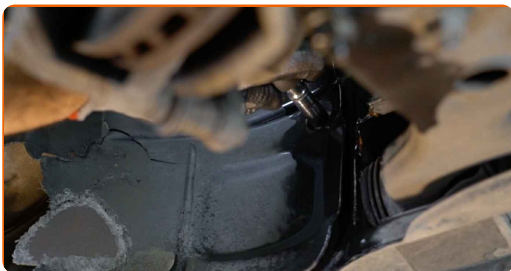


Replacement: front lower arm – Mercedes W245. AUTODOC experts recommend:

- After applying the spray, wait a few minutes.

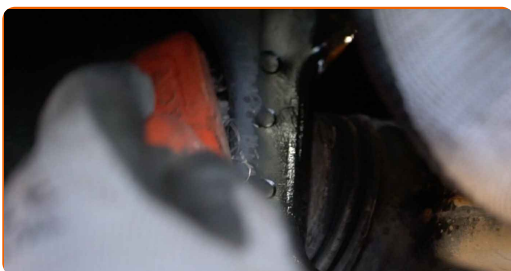
7

Unscrew and remove the wheel arch cover fasteners. Use a drive socket #10. Use a ratchet wrench.



8

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

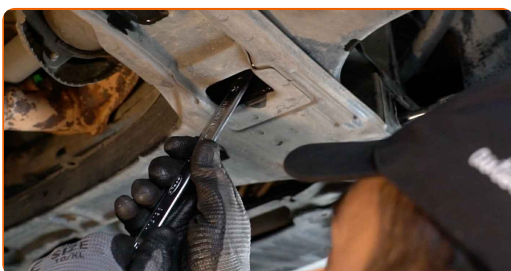


AUTODOC recommends:

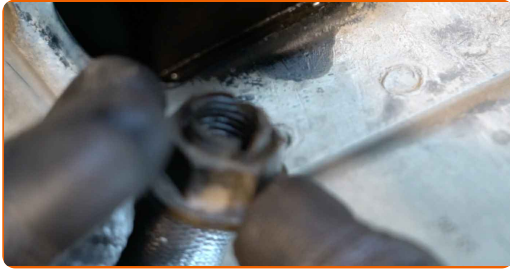
- Replacement: front lower arm – Mercedes W245. After applying the spray, wait a few minutes.

9

Unscrew the front arm fastener. Use a combination spanner #21. Use a drive socket #E18. Use a ratchet wrench.



10 Remove the front fastener of the control arm.



11 Unscrew the rear fastener connecting the control arm to the subframe. Use a combination spanner #21. Use a drive socket #E18. Use a ratchet wrench.



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



13 Disconnect the lower arm from the steering knuckle. Use a ball joint puller.

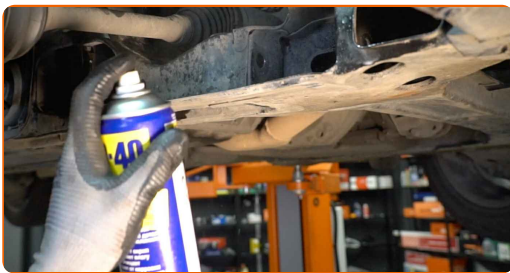


14 Remove the rear fastener of the control arm.

15 Remove the arm.



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



17 Install a new arm. Use a crowbar.

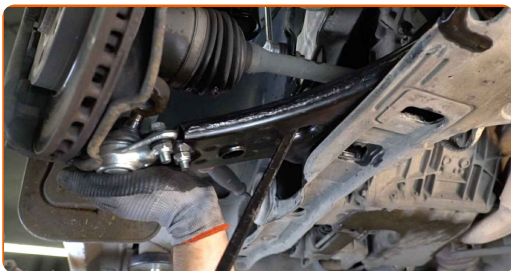
Replacement: front lower arm – Mercedes W245. Tip:

- During the installation process, use only new bolts and nuts.
- Do not damage the ball joint cover.

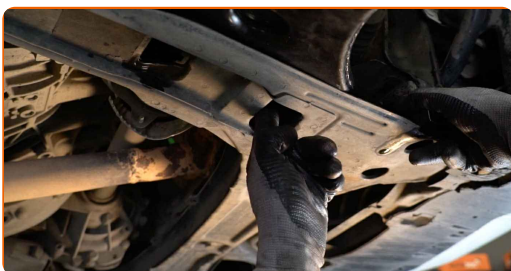
18 Install the rear fastener of the control arm.



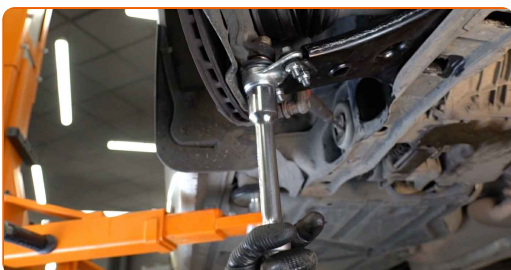
19 Connect the lower arm to the steering knuckle.



20 Install the front fastener of the arm.



21 Support the arm. Use a hydraulic transmission jack.



22 Tighten the fasteners of the ball joint. Use a combination spanner #22. Use a torque wrench. Tighten it to 50 Nm torque. +60°



AUTODOC recommends:

- Important! Be sure to use new fasteners.

- 23** Tighten the front fastener connecting the control arm to the subframe. Use a combination spanner #21. Use a drive socket #E18. Use a torque wrench. Tighten it to 120 Nm torque.+90°



AUTODOC recommends:

- Important! Be sure to use new fasteners.

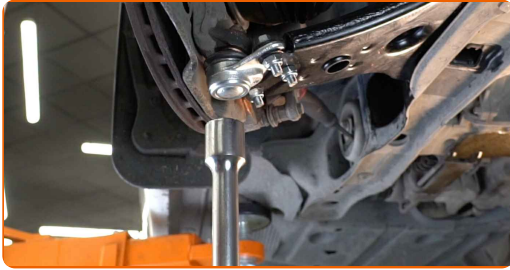
- 24** Tighten the rear fastener connecting the arm to the body subframe. Use a combination spanner #21. Use a drive socket #E18. Use a torque wrench. Tighten it to 120 Nm torque.+90°



AUTODOC recommends:

- Important! Be sure to use new fasteners.

25 Remove the support from under the arm.



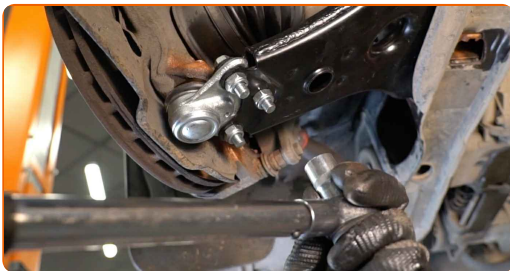
AUTODOC recommends:

- Replacement: front lower arm – Mercedes W245. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

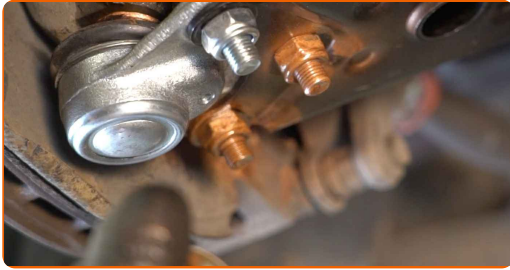
26 Treat all joints of the arm. Use copper grease.



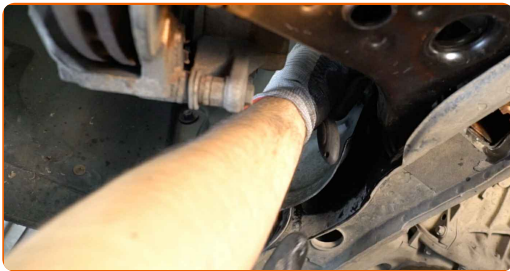
27 Tighten the fasteners of the ball joint. Use a drive socket #14. Use a torque wrench. Tighten it to 55 nm torque.



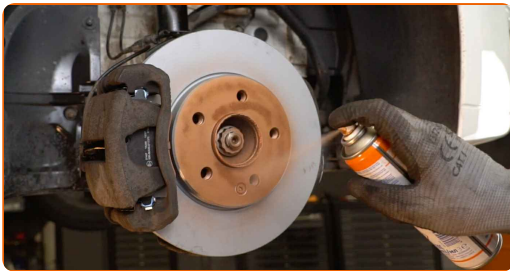
28 Treat all joints of the arm. Use copper grease.



29 Install and tighten the wheel arch cover fasteners. Use a drive socket #10. Use a ratchet wrench.



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



31 Clean the brake disk surface. Use a brake cleaner.



Replacement: front lower arm – Mercedes W245. Tip from AUTODOC:

- After applying the spray, wait a few minutes.

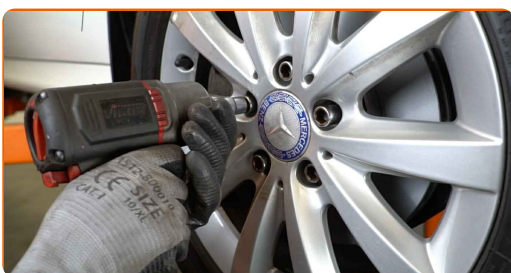
32 Install the wheel.



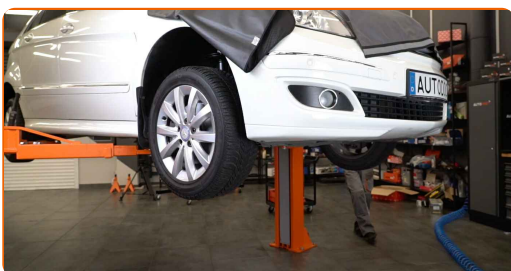
Replacement: front lower arm – Mercedes W245. Professionals recommend:

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

33 Screw in the wheel bolts. Use wheel impact socket #H12.

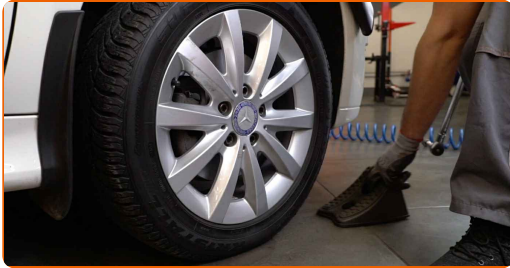


34 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #H12. Use a torque wrench. Tighten it to 130 Nm torque.



35

Remove the jacks and chocks.



WELL DONE! 

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