



How to change front  
lower arm on **VW Golf 5** –  
replacement guide

## VIDEO TUTORIAL



### Important!

This replacement procedure can be used for:

VW Golf Plus / Crossgolf (5M1, 521) 1.6 BiFuel, VW Golf VI Hatchback (5K1) 1.6 MultiFuel, VW Golf Plus / Crossgolf (5M1, 521) 1.6 TDI, VW Golf VI Hatchback (5K1) 2.0 R 4motion, VW Golf VI Variant (AJ5) 1.6 MultiFuel, VW Golf Plus / Crossgolf (5M1, 521) 1.2 TSI, VW Golf VI Convertible (517) 1.2 TSI, VW Golf VI Convertible (517) 1.4 TSI, VW Golf VI Convertible (517) 2.0 GTI, VW Golf VI Convertible (517) 1.6 TDI, VW Golf VI Convertible (517) 2.0 TDI, VW Golf VI Hatchback (5K1) 1.2 TSI, VW Eos (1F7, 1F8) 2.0 TDI, VW Golf VI Hatchback (5K1) 2.0 GTi, VW Jetta Mk5 (1K) 1.6 TDI, (+ 95)

The steps may slightly vary depending on the car design.

REPLACEMENT: FRONT LOWER ARM – VW GOLF 5.  
LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #16
- Combination spanner #18
- Drive socket # 12
- Drive socket # 16
- Drive socket # 18
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Tap wrench
- Crow bar
- Hydraulic transmission jack
- Wheel chock

**BUY TOOLS**

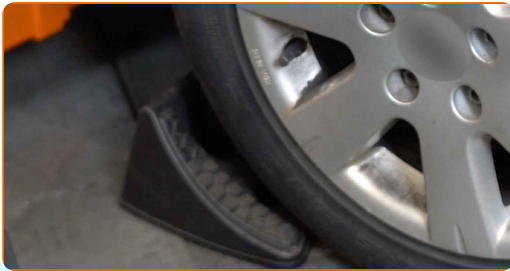
Replacement: front lower arm – VW Golf 5. AUTODOC recommends:

- 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 – VW GOLF 5. TAKE THE FOLLOWING STEPS:**

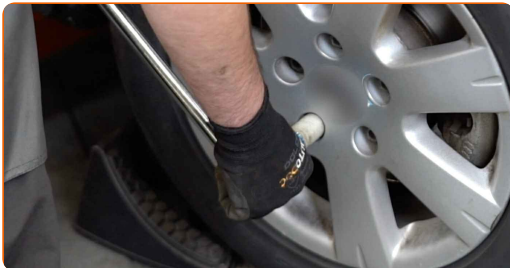
1

Secure the wheels with chocks.



2

Loosen the wheel mounting bolts. Use wheel impact socket #17.



3

Raise the front of the car and secure on supports.



4

Unscrew the wheel bolts.



Replacement: front lower arm – VW Golf 5. Tip:

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

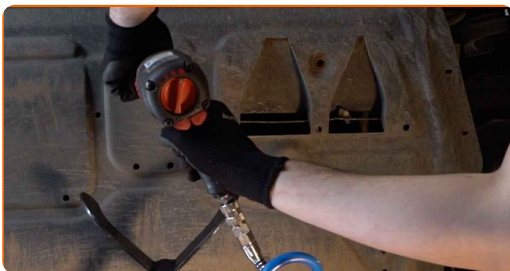
5

Remove the wheel.



6

Undo the fasteners of the oil pan lower cover. Use a drive socket #12.



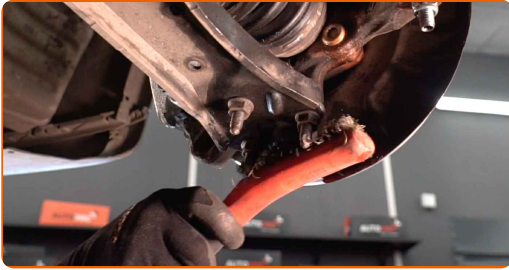
7

Remove the oil pan cover.



8

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



### AUTODOC recommends:

- Replacement: front lower arm – VW Golf 5. After applying the spray, wait a few minutes.
- Wear protective goggles.
- Wear a respirator.

9

Unscrew the fastener connecting the ball joint to the suspension control arm. Use a drive socket #16. Use a tap wrench.



10

Loosen the front fastener of the control arm. Use a drive socket #18. Use a tap wrench.



**11** Unscrew the rear fastener connecting the control arm to the car body. Use a drive socket #18. Use a tap wrench.



**12** Unscrew the rear fastener connecting the control arm to the subframe. Use a drive socket #16. Use a tap wrench.

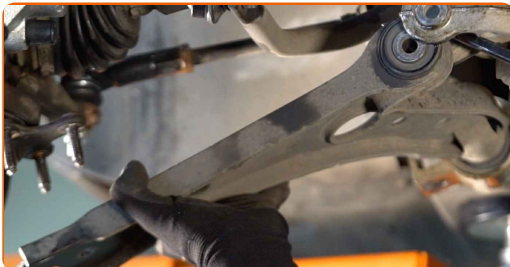


**13** Remove the fastening bolts. Use a drive socket #18. Use a drive socket #16.



**14** Disconnect the spherical joint from the arm.

**15** Remove the arm. Use a crowbar.



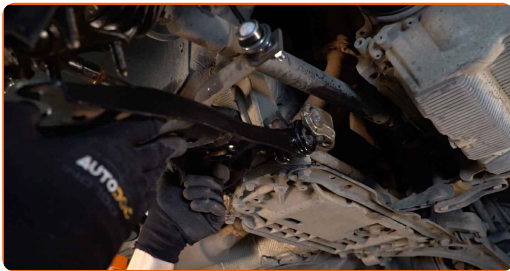
16

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



17

Install a new arm.



Replacement: front lower arm – VW Golf 5. AUTODOC experts recommend:

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

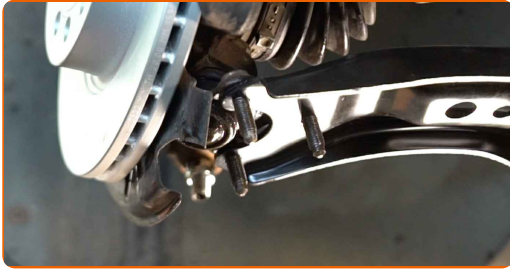
18

Install the front fastener of the arm. Do not tighten it.





19 Attach the ball joint to the control arm.



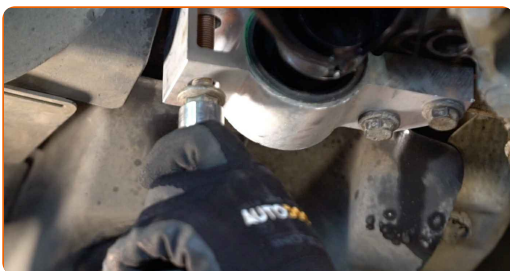
20 Screw the fasteners of the ball joint. Use a drive socket #16.



21 Install the rear fastener of the arm.



22 Screw the rear fastener connecting the control arm to the car body. Use a combination spanner #18. Use a drive socket #18. Use a ratchet wrench.



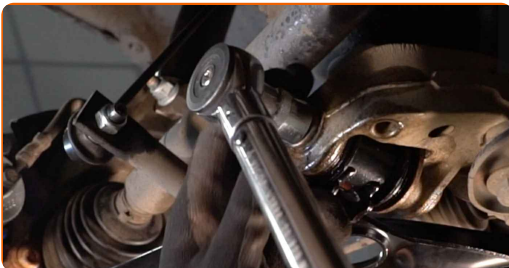
23 Screw the rear fastener connecting the control arm to the subframe. Use a combination spanner #16. Use a drive socket #16. Use a ratchet wrench.

24 Screw the fasteners of the ball joint. Use a drive socket #16. Use a ratchet wrench.

25 Support the arm. Use a hydraulic transmission jack.



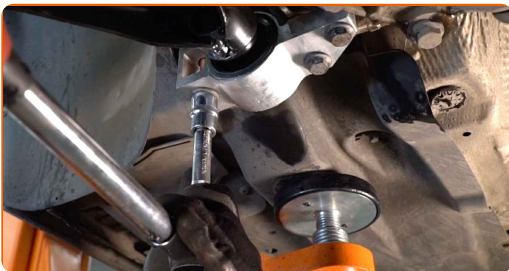
26 Tighten the front fastener connecting the control arm to the subframe. Use a drive socket #18. Use a torque wrench. Tighten it to 70 Nm torque. +90°



**AUTODOC recommends:**

- Important! Be sure to use new fasteners.

27 Tighten the rear fastener connecting the arm to the car body. Use a drive socket #18. Use a torque wrench. Tighten it to 70 Nm torque. +90°



**AUTODOC recommends:**

- Important! Be sure to use new fasteners.

28

Tighten the rear fastener connecting the arm to the body subframe. Use a drive socket #16. Use a torque wrench. Tighten it to 50 Nm torque. +90°

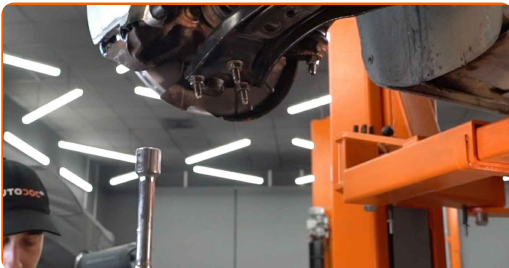


**AUTODOC recommends:**

- Important! Be sure to use new fasteners.

29

Remove the support from under the arm.



**AUTODOC recommends:**

- Replacement: front lower arm – VW Golf 5. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

30

Tighten the ball joint fastener. Use a drive socket #16. Use a torque wrench. Tighten it to 60 nm torque.



31

Reinstall the oil pan lower cover.



32

Tighten the fasteners of the oil pan lower cover. Use a drive socket #12.



33

Treat all joints of the arm. Use copper grease.



34

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



35

Clean the brake disk surface. Use a brake cleaner.



Replacement: front lower arm – VW Golf 5. Professionals recommend:

- After applying the spray, wait a few minutes.

36

Install the wheel.



Replacement: front lower arm – VW Golf 5. Tip from AUTODOC experts:

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

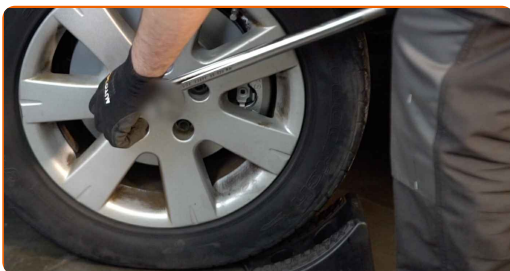
37

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



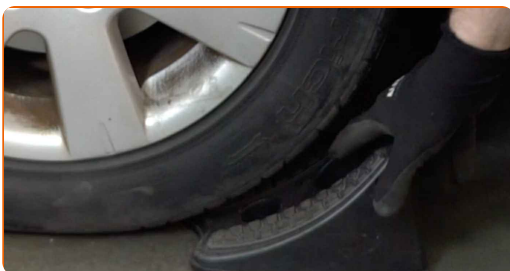
38

Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 120 nm torque.



39

Remove the jacks and chocks.



**WELL DONE!** 👍

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