



How to change front
lower arm on **VW**

Transporter V Minibus
(7HB, 7HJ, 7EB, 7EJ, 7EF,
7EG, 7HF, 7EC) –
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:

VW Transporter V Minibus (7HB, 7HJ, 7EB, 7EJ, 7EF, 7EG, 7HF, 7EC) 2.0 TDI, VW Transporter V Minibus (7HB, 7HJ, 7EB, 7EJ, 7EF, 7EG, 7HF, 7EC) 2.0 TDI 4motion, VW Transporter V Minibus (7HB, 7HJ, 7EB, 7EJ, 7EF, 7EG, 7HF, 7EC) 1.9 TDI, VW Transporter V Minibus (7HB, 7HJ, 7EB, 7EJ, 7EF, 7EG, 7HF, 7EC) 2.5 TDI, VW Transporter V Minibus (7HB, 7HJ, 7EB, 7EJ, 7EF, 7EG, 7HF, 7EC) 2.0, VW Transporter V Minibus (7HB, 7HJ, 7EB, 7EJ, 7EF, 7EG, 7HF, 7EC) 3.2 V6, VW Transporter V Minibus (7HB, 7HJ, 7EB, 7EJ, 7EF, 7EG, 7HF, 7EC) 2.5 TDI 4motion, VW Transporter V Minibus (7HB, 7HJ, 7EB, 7EJ, 7EF, 7EG, 7HF, 7EC) 3.2 V6 4motion, VW Transporter V Minibus (7HB, 7HJ, 7EB, 7EJ, 7EF, 7EG, 7HF, 7EC) 2.5 TDi, VW Transporter V Minibus (7HB, 7HJ, 7EB, 7EJ, 7EF, 7EG, 7HF, 7EC) 2.0 TSI, VW Transporter V Minibus (7HB, 7HJ, 7EB, 7EJ, 7EF, 7EG, 7HF, 7EC) 2.0 TSI 4motion, VW Transporter V Minibus (7HB, 7HJ, 7EB, 7EJ, 7EF, 7EG, 7HF, 7EC) 2.0 BiTDI, VW Transporter V Minibus (7HB, 7HJ, 7EB, 7EJ, 7EF, 7EG, 7HF, 7EC) 2.0 BiTDI 4motion, VW Transporter V Minibus (7HB, 7HJ, 7EB, 7EJ, 7EF, 7EG, 7HF, 7EC) 2.0 CNG

The steps may slightly vary depending on the car design.

Please note that this tutorial was created based on the replacement procedure for this car part on a car with a similar design.

This tutorial was created based on the replacement procedure for a similar car part on: VW Multivan V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN) 1.9 TDI

**REPLACEMENT: FRONT LOWER ARM – VW
TRANSPORTER V MINIBUS (7HB, 7HJ, 7EB, 7EJ, 7EF,
7EG, 7HF, 7EC). TOOLS YOU MIGHT NEED:**



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Ceramic grease
- Torque wrench
- Combination spanner #21
- Drive socket # 21
- Drive socket # 22
- Wheel impact socket #19
- Ratchet wrench
- Ball joint puller
- Hydraulic transmission jack
- Tap wrench
- Wheel chock

Buy tools

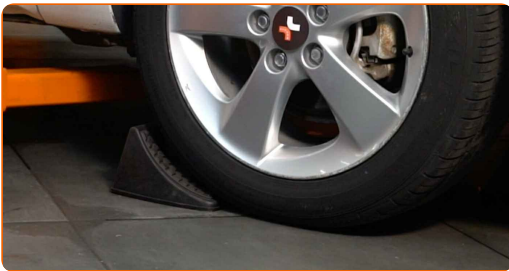
Replacement: front lower arm – VW Transporter V Minibus (7HB, 7HJ, 7EB, 7EJ, 7EF, 7EG, 7HF, 7EC). AUTODOC experts recommend:

- 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 TRANSPORTER V MINIBUS (7HB, 7HJ, 7EB, 7EJ, 7EF, 7EG, 7HF, 7EC). USE THE FOLLOWING PROCEDURE:

1

Secure the wheels with chocks.



2

Loosen the wheel mounting bolts. Use wheel impact socket #19.



3

Raise the front of the car and secure on supports.

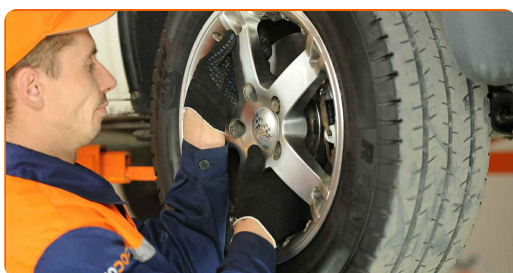
4 Unscrew the wheel bolts.



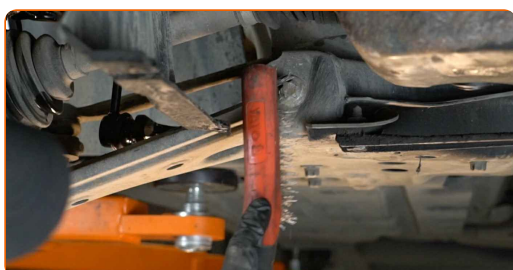
Replacement: strut mount – VW Transporter V Minibus (7HB, 7HJ, 7EB, 7EJ, 7EF, 7EG, 7HF, 7EC). AUTODOC experts recommend:

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

5 Remove the wheel.



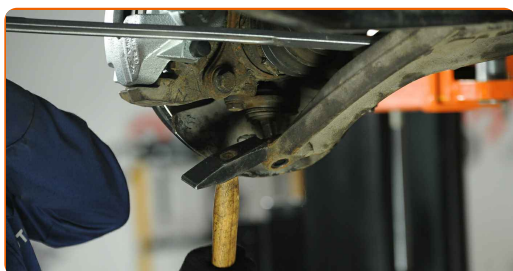
6 Clean all joints of the arm. Use a wire brush. Use WD-40 spray.



- 7 Unscrew the fastener connecting the ball joint to the suspension control arm. Use a drive socket #22. Use a ratchet wrench.



- 8 Disconnect the lower control arm from the steering knuckle. Use a ball joint puller.

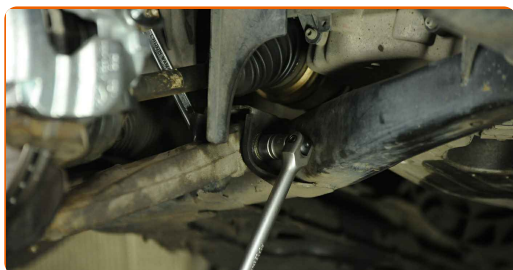


- 9 Unscrew the rear fastener connecting the control arm to the subframe. Use a combination spanner #21. Use a drive socket #21. Use a ratchet wrench. Use a tap wrench.



- 10 Remove the rear fastener of the control arm.

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

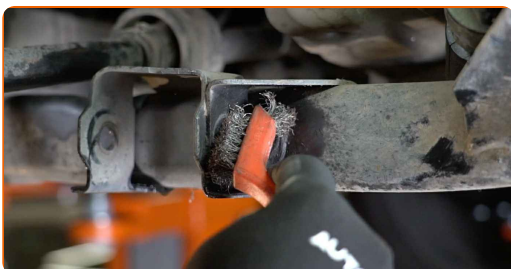


12 Remove the front fastener of the control arm.

13 Remove the arm.



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



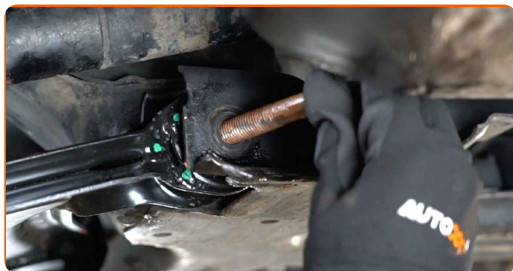
15 Install a new arm.



Replacement: front lower arm – VW Transporter V Minibus (7HB, 7HJ, 7EB, 7EJ, 7EF, 7EG, 7HF, 7EC). Professionals recommend:

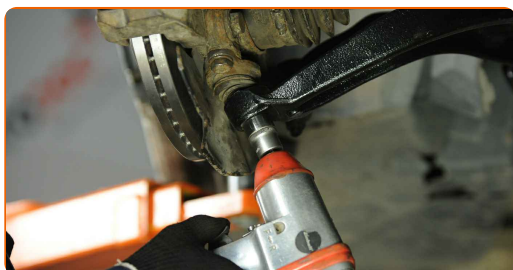
- During the installation process, use only new bolts and nuts.

16 Install the control arm fasteners.

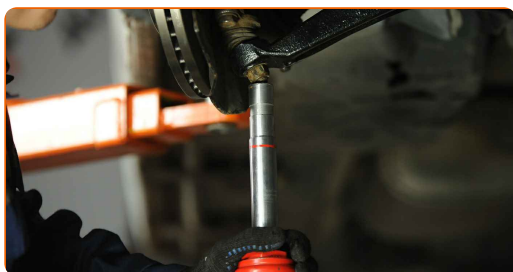


17 Connect the lower control arm to the steering knuckle.

18 Tighten the fasteners connecting the ball joint to the control arm. Use a drive socket #22. Use a torque wrench. Tighten it to 60 Nm torque. +90°



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



AUTODOC recommends:

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

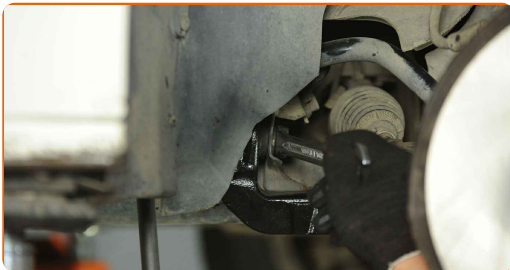
20

Tighten the front fastener connecting the control arm to the subframe. Use a combination spanner #21. Use a drive socket #21. Use a torque wrench. Tighten it to 110 Nm torque.+120°



21

Tighten the rear fastener connecting the arm to the body subframe. Use a combination spanner #21. Use a drive socket #21. Use a torque wrench. Tighten it to 110 Nm torque.+120°



22

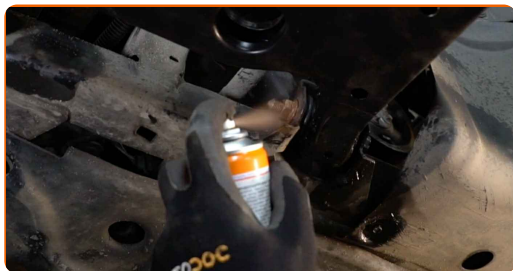
Remove the support from under the control arm.



AUTODOC recommends:

- Replacement: suspension strut – VW Transporter V Minibus (7HB, 7HJ, 7EB, 7EJ, 7EF, 7EG, 7HF, 7EC). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

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



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



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



AUTODOC recommends:

- Replacement: strut mount – VW Transporter V Minibus (7HB, 7HJ, 7EB, 7EJ, 7EF, 7EG, 7HF, 7EC). After applying the spray, wait a few minutes.

26 Install the wheel.

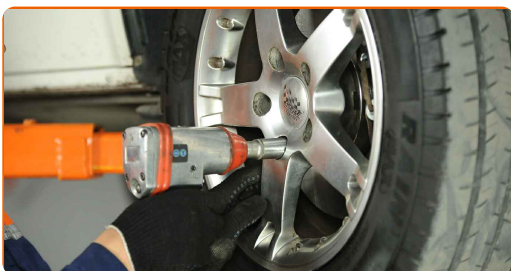


AUTODOC recommends:

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

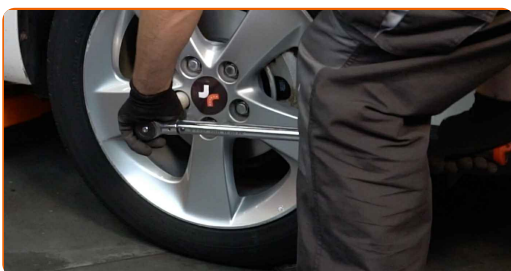
27

Screw in the wheel bolts. Use wheel impact socket #19.



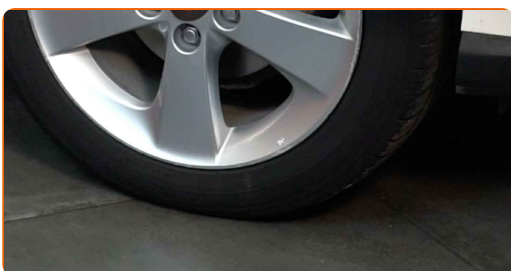
28

Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #19. Use a torque wrench. Tighten it to 180 Nm torque.



29

Remove the jacks and chocks.



WELL DONE! 

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