



How to change rear strut  
mount on **VW Touran I**  
**(1T3)** – 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 Touran I (1T3) 1.2 TSI, VW Touran I (1T3) 1.6 TDI, VW Touran I (1T3) 2.0 TDI, VW Touran I (1T3) 1.4 TSI, VW Touran I (1T3) 1.4 TSI EcoFuel

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: VW Golf VI Hatchback (5K1) 2.0 GTi

REPLACEMENT: STRUT MOUNT – VW TOURAN I (1T3).  
LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Copper grease
- Drive socket # 14
- Drive socket # 15
- Drive socket # 18
- Drive socket # 21
- Combination spanner #14
- Combination spanner #18
- Combination spanner #21
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Tap wrench
- Vice
- Hydraulic transmission jack
- Wheel chock

[Buy tools](#)

Replacement: strut mount – VW Touran I (1T3). AUTODOC recommends:

- The replacement procedure is identical for the mounts of the right and left shock absorbers of the rear suspension.
- Both mounts of the rear shock struts should be replaced simultaneously.
- All work should be done with the engine stopped.

## REPLACEMENT: STRUT MOUNT – VW TOURAN I (1T3). TAKE THE FOLLOWING STEPS:

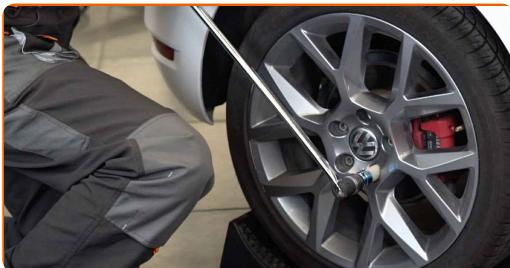
1

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:

- Important! Hold the wheel while unscrewing the fastening bolts. VW Touran I (1T3)

5

Remove the wheel.



6

Support the arm. Use a hydraulic transmission jack.



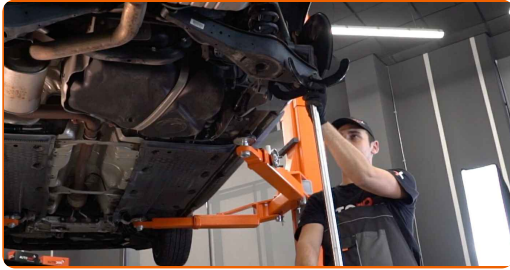
7

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



8

Lower the hydraulic transmission jack by 10-15 cm.

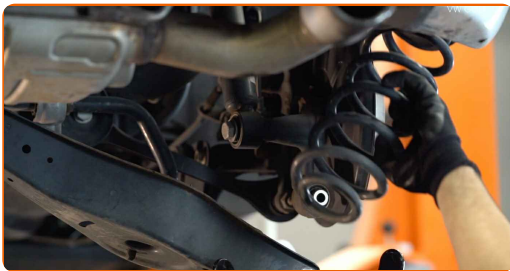


Replacement: strut mount – VW Touran I (1T3). Tip from AUTODOC experts:

- Lower the hydraulic transmission jack smoothly, without jerks, to avoid damaging assemblies and mechanisms.

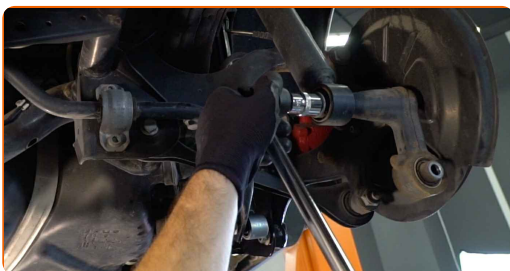
9

Remove the spring.



10

Unscrew the lower fastener of the shock absorber. Use a drive socket #21. Use a tap wrench.



11

Unscrew the upper fastener of the shock absorber. Use a drive socket #15. Use a ratchet wrench.

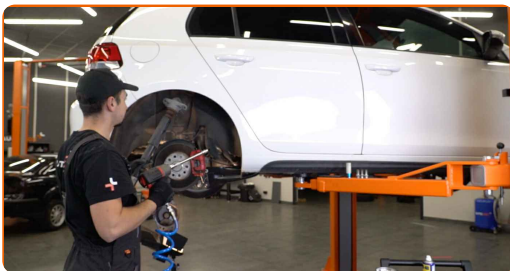


Replacement: strut mount – VW Touran I (1T3). Tip:

- To avoid injuries, hold the shock absorber when undoing the fastening bolts.

12

Remove the shock absorber.



13

Grip the shock absorber in a vice.

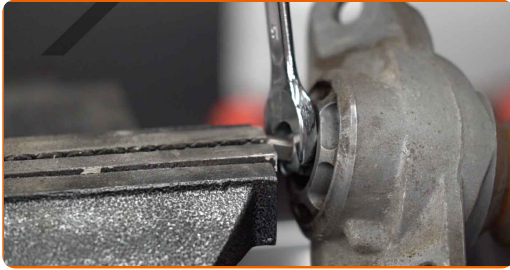


14

Clean the shock absorber rod fastener. Use a wire brush. Use WD-40 spray.



**15** Remove the shock absorber piston rod fastening. Use a combination spanner #14.



**16** Remove the shock absorber mount, boot and bump stop.



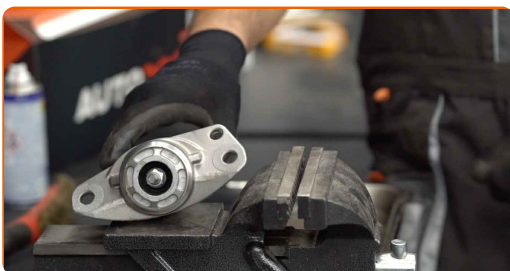
**17** Install the new mount, boot, and bump stop on the shock absorber.



**18** Fix the shock absorber mount. Use a combination spanner #14. Use a drive socket #14. Use a torque wrench. Tighten it to 25 Nm torque.



**19** Release the vice and take out the shock absorber.





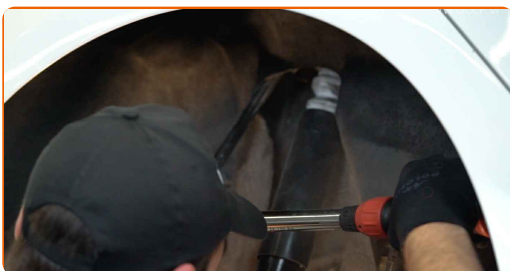
- 20 Place the shock absorber in the wheel arch and secure it.



**AUTODOC recommends:**

- VW Touran I (1T3) – To avoid injury, hold the shock absorber while screwing in the fastening bolts.

- 21 Tighten the shock absorber mount fasteners. Use a drive socket #15. Use a torque wrench. Tighten it to 50 Nm torque.+45°



**AUTODOC recommends:**

- Important! Be sure to use new fasteners.

- 22 Clean the shock absorber fasteners. Use WD-40 spray.



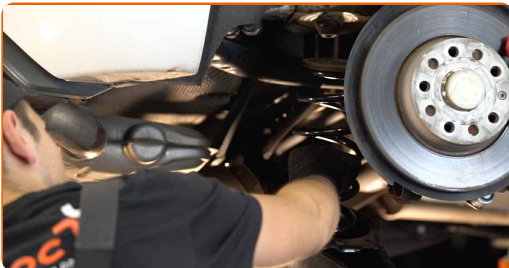
- 23** Tighten the lower fastener of the shock absorber. Use a drive socket #21. Use a torque wrench. Tighten it to 180 Nm torque.



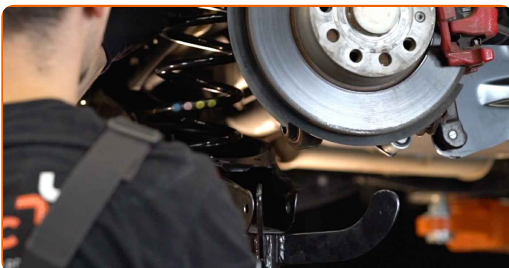
**AUTODOC recommends:**

- Important! Be sure to use new fasteners.

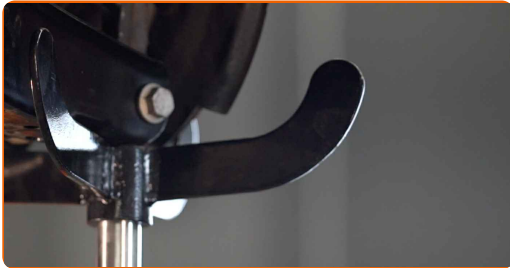
- 24** Install the spring.



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



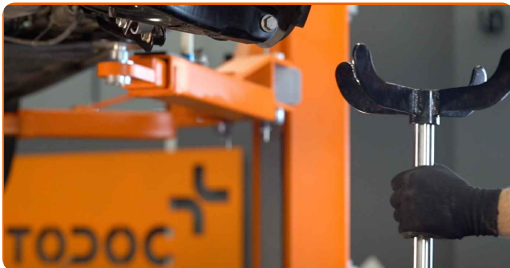
- 26** Tighten the fasteners connecting the control arm to the rear knuckle. Use a combination spanner #18. Use a drive socket #18. Use a torque wrench. Tighten it to 90 Nm torque.+90°



**AUTODOC recommends:**

- Important! Be sure to use new fasteners.

- 27** Remove the support from under the rear arm.



**AUTODOC recommends:**

- Replacement: strut mount – VW Touran I (1T3). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

28

Clean the wheel rim mounting seat. Use a wire brush. Treat the contacting surface. Use copper grease.



29

Install the wheel.

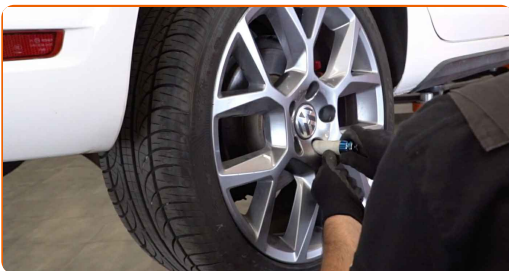


Replacement: strut mount – VW Touran I (1T3). Tip from AUTODOC:

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

30

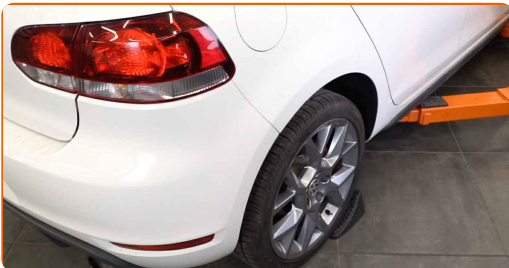
Screw in the wheel bolts. Use wheel impact socket #17.



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



- 32 Remove the jacks and chocks.



**WELL DONE!** 👍

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**STRUT MOUNT: A WIDE SELECTION**

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