



How to change track rod  
end on **VW Transporter  
VI Platform / Chassis  
(SFD, SFE, SFL, SFZ)** –  
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 VI Platform / Chassis (SFD, SFE, SFL, SFZ) 2.0 TDI, VW Transporter VI Platform / Chassis (SFD, SFE, SFL, SFZ) 2.0 TDI 4motion, VW Transporter VI Platform / Chassis (SFD, SFE, SFL, SFZ) 2.0 TSI

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 Multivan V (7HM, 7HN, 7HF, 7EF, 7EM, 7EN) 1.9 TDI

**REPLACEMENT: TRACK ROD END – VW TRANSPORTER VI PLATFORM / CHASSIS (SFD, SFE, SFL, SFZ). TOOLS YOU NEED:**



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Ceramic grease
- Torque wrench
- Combination spanner #15
- Combination spanner #24
- Drive socket # 21
- Wheel impact socket #19
- Ratchet wrench
- Ball joint puller
- Vernier caliper
- Wheel chock

**Buy tools**

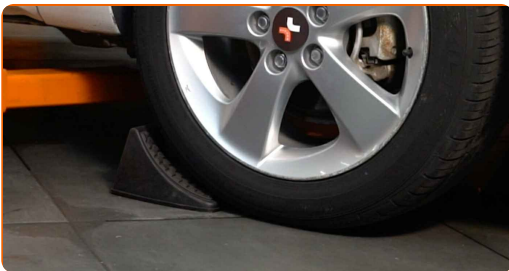
Replacement: track rod end – VW Transporter VI Platform / Chassis (SFD, SFE, SFL, SFZ). AUTODOC experts recommend:

- Replace tie rod ends in pairs.
- The replacement procedure is identical for the right and left tie rod ends.
- Please note: all work on the car – VW Transporter VI Platform / Chassis (SFD, SFE, SFL, SFZ) – 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 mounting bolts. Use wheel impact socket #19.



3

Raise the front of the car and secure on supports.

**4** Unscrew the wheel bolts.



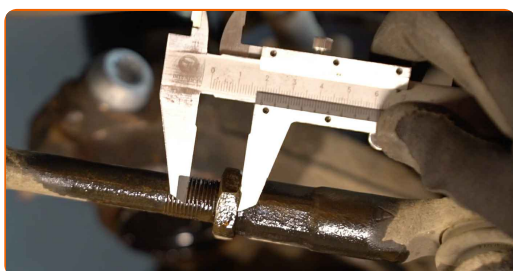
**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. VW Transporter VI Platform / Chassis (SFD, SFE, SFL, SFZ)

**5** Remove the wheel.

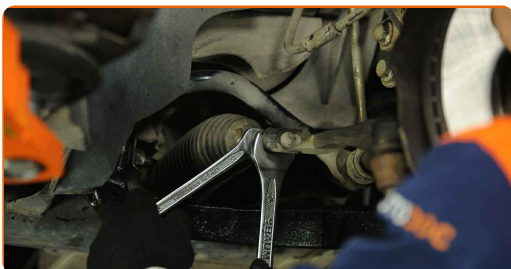


**6** When deinstalling, mark or measure the precise position of the ball joint on the track rod, or count the number of turns in order to prevent misalignment afterward. Use a vernier caliper.

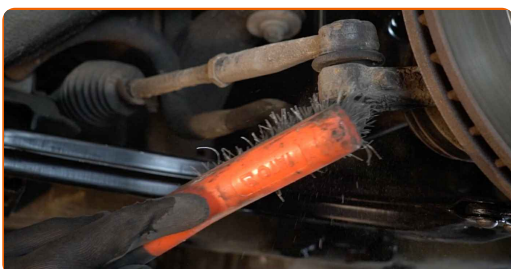


**7** Clean the lock nut that connects the tie rod to the tie rod end. Use a wire brush. Use WD-40 spray.

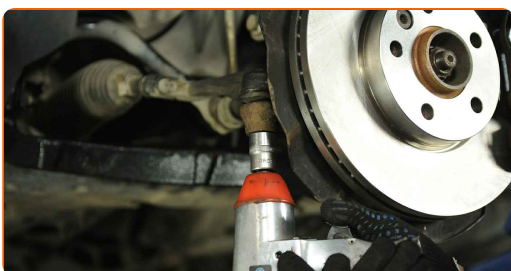
- 8 Loosen the lock nut securing the tie rod end to the tie rod. Use a combination spanner #15. Use a combination spanner #24.



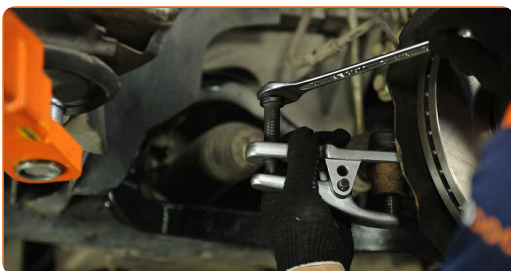
- 9 Clean the fastener connecting the tie rod end to the steering knuckle. Use a wire brush. Use WD-40 spray.



- 10 Unscrew the end fastening nut to the steering knuckle. Use a drive socket #21. Use a ratchet wrench.



- 11 Disconnect the tie rod end from the steering knuckle. Use a ball joint puller.

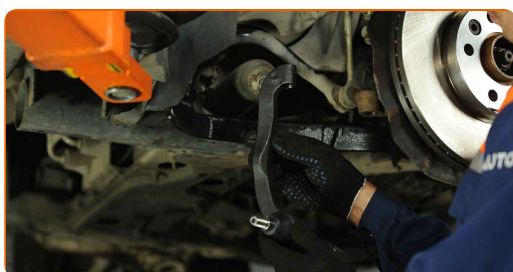


**12** Screw the end out of the tie rod.



**13** Clean the mounting seats of the tie rod end. Use a wire brush. Use WD-40 spray.

**14** Screw on a new tie rod end.

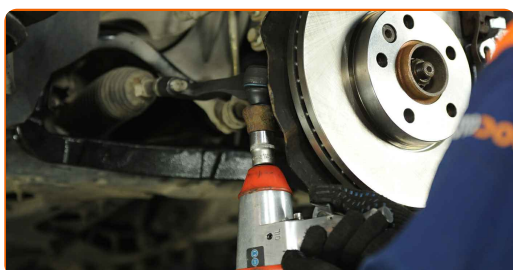


Replacement: track rod end – VW Transporter VI Platform / Chassis (SFD, SFE, SFL, SFZ). Tip from AUTODOC experts:

- While installing the steering rod end remember to make the same number of turns or to leave the same length of thread showing as per your measurements.

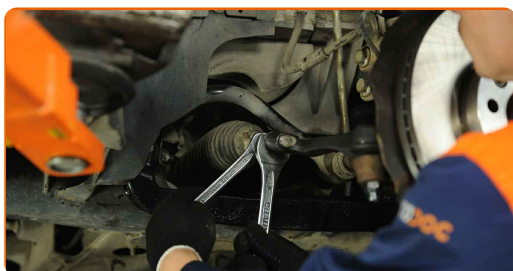
**15** Connect the tie rod end to the steering knuckle.

**16** Tighten the fastening nut connecting the tie rod end to the steering knuckle. Use a drive socket #21. Use a torque wrench. Tighten it to 60 Nm torque.+90°

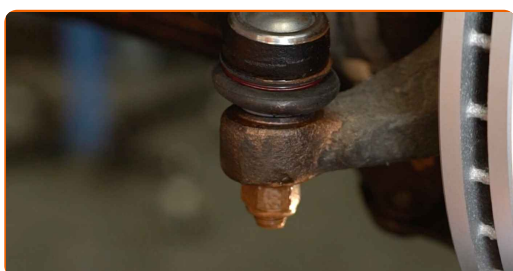




- 17 Tighten the tie rod end locknut. Use a combination spanner #15. Use a combination spanner #24. Use a torque wrench. Tighten it to 60 nm torque.



- 18 Treat all tie rod end connections. Use copper grease.



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



- 20 Clean the brake disc surface. Use a brake cleaner.



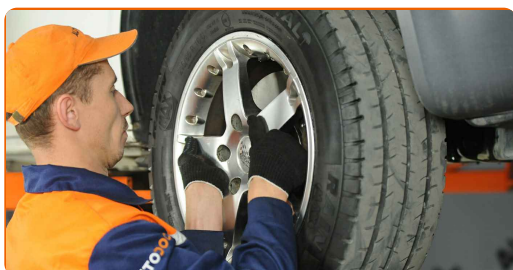


**AUTODOC recommends:**

- Replacement: track rod end – VW Transporter VI Platform / Chassis (SFD, SFE, SFL, SFZ). After applying the spray, wait a few minutes.

**21**

Install the wheel.



**AUTODOC recommends:**

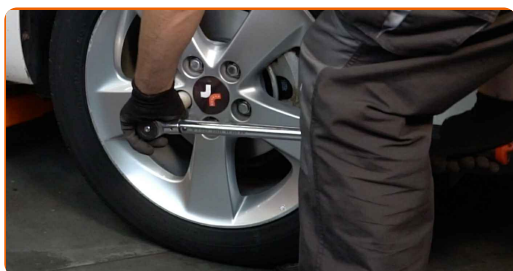
- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. VW Transporter VI Platform / Chassis (SFD, SFE, SFL, SFZ)

**22**

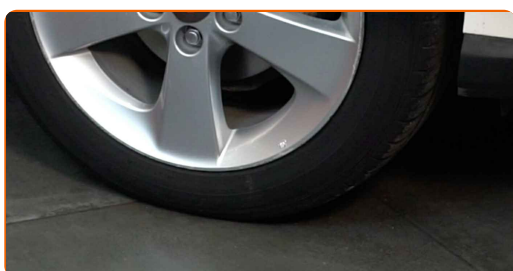
Screw in the wheel bolts. Use wheel impact socket #19.



- 23** 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.



- 24** Remove the jacks and chocks.



Replacement: track rod end – VW Transporter VI Platform / Chassis (SFD, SFE, SFL, SFZ). Tip from AUTODOC experts:

- Check and adjust wheel alignment if necessary.

**WELL DONE!** 

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**TRACK ROD END: A WIDE SELECTION**

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