



How to change track rod
end on **VW Sharan VAN**
(7M) – 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 Sharan VAN (7M) 2.0 (7M8, 7M9), VW Sharan VAN (7M) 1.9 TDI (7M8, 7M9), VW Sharan VAN (7M) 1.9 TDI (7M8), VW Sharan VAN (7M) 1.9 TDI (7M6, 7M9), VW Sharan VAN (7M) 1.9 TDI (7M9)

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 SHARAN (7M8, 7M9, 7M6) 1.9 TDI

REPLACEMENT: TRACK ROD END – VW SHARAN VAN (7M). TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- All-purpose cleaning spray
- Brake cleaner
- Ceramic grease
- Copper grease
- Torque wrench
- Combination spanner #22 (2 pieces)
- Drive socket # 18
- Drive socket # 19
- Wheel impact socket #19
- Ball joint puller
- Ratchet wrench
- Vernier caliper
- Wheel chock

Buy tools

Replacement: track rod end – VW Sharan VAN (7M). Tip from AUTODOC:

- 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 Sharan VAN (7M) – 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 car.

Replacement: track rod end – VW Sharan VAN (7M). Professionals recommend:

- If you are using a jack, make sure it rests on a flat surface without any unevenness.
- Be sure to additionally secure the car with jack stands.

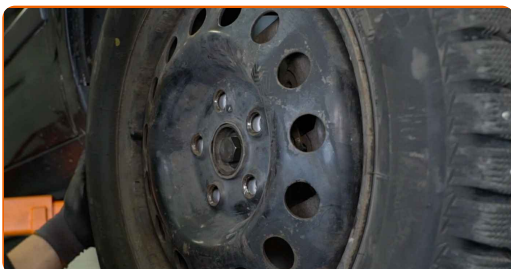
4 Unscrew the wheel bolts.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. VW Sharan VAN (7M)

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.



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Clean all tie rod end connections. Use a wire brush. Use WD-40 spray.



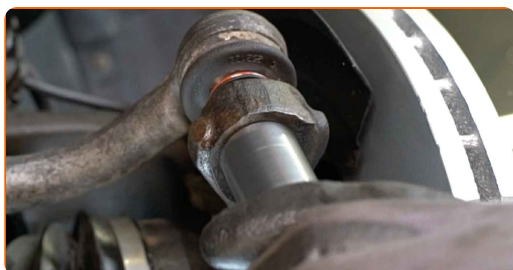
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Loosen the lock nut securing the tie rod end to the tie rod. Use a combination spanner #22 (2 pieces).



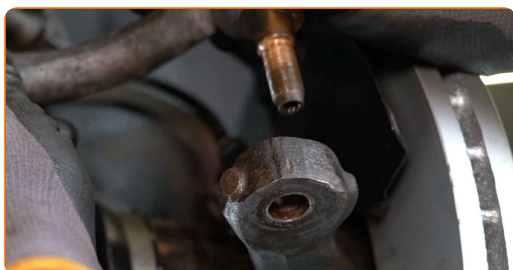
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Unscrew the end fastening nut to the steering knuckle. Use a drive socket #18. Use a ratchet wrench.



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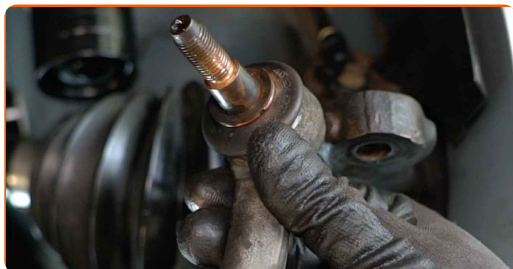
Disconnect the tie rod end from the steering knuckle.



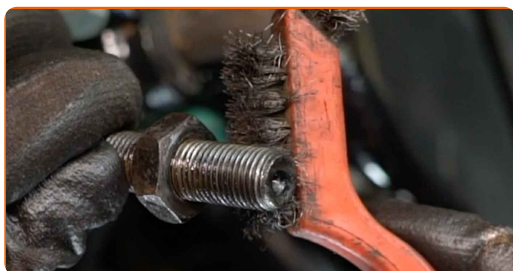
Replacement: track rod end – VW Sharan VAN (7M). Tip:

- Use a ball joint puller if necessary.

11 Screw the end out of the tie rod.

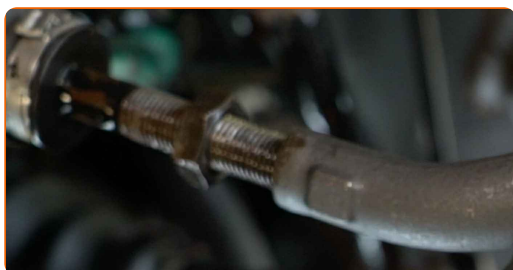


12 Clean the mounting seats of the tie rod end. Use a wire brush. Use all-purpose cleaning spray.



13 Treat the mounting seats of the tie rod end. Use copper grease.

14 Screw on a new tie rod end.



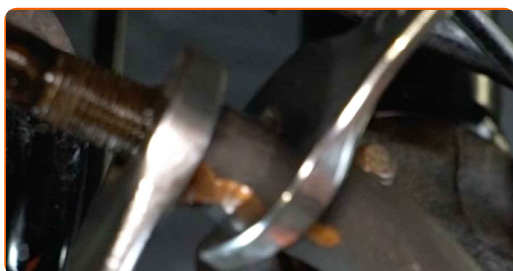
Replacement: track rod end – VW Sharan VAN (7M). Professionals recommend:

- 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.

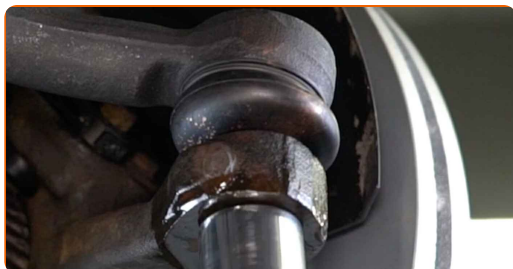
15 Connect the tie rod end to the steering knuckle.



16 Set the tie rod end to the correct position and secure it with the lock nut. Use a vernier caliper. Use a combination spanner #22 (2 pieces).



17 Screw on the fastening nut that connects the tie rod end to the steering knuckle. Use a drive socket #19. Use a ratchet wrench.



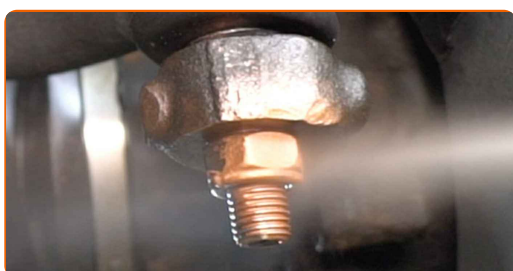
18 Tighten the tie rod end locknut. Use a combination spanner #22 (2 pieces). Use a torque wrench. Tighten it to 55 nm torque.



- 19 Tighten the fastening nut connecting the tie rod end to the steering knuckle. Use a drive socket #19. Use a torque wrench. Tighten it to 30 Nm torque. +90°



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



- 21 Clean the wheel rim mounting seat. Use a wire brush.



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



- 23 Clean the brake disk surface. Use a brake cleaner.

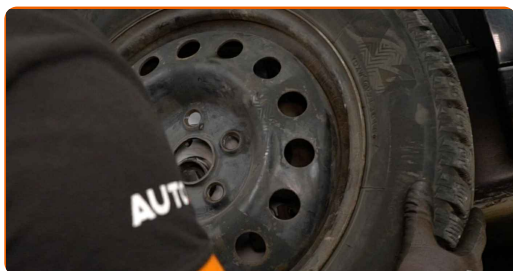


AUTODOC recommends:

- After applying the spray, wait a few minutes.

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Install the wheel.

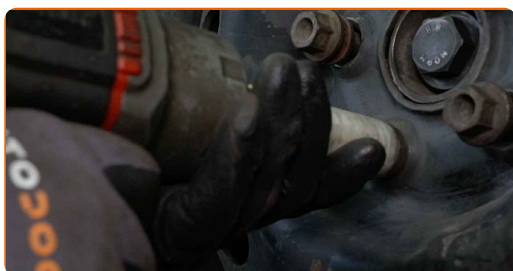


AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. VW Sharan VAN (7M)

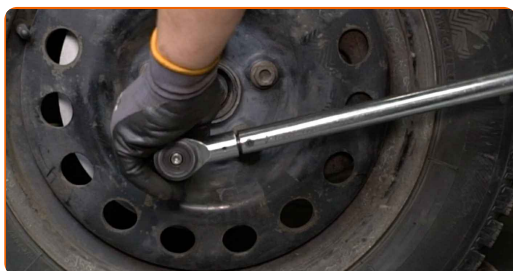
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Screw in the wheel bolts. Use wheel impact socket #19.



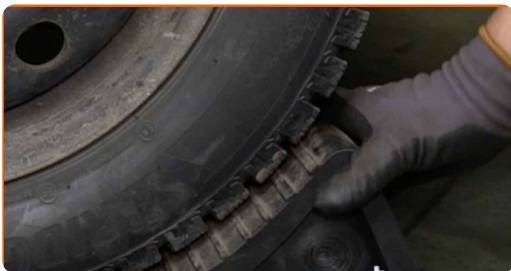
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Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #19. Use a torque wrench. Tighten it to 170 Nm torque.



27

Remove the jacks and chocks.



Replacement: track rod end – VW Sharan VAN (7M). AUTODOC recommends:

- After replacing the component, it is advisable to realign the wheels using a wheel aligner.

WELL DONE! 

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TRACK ROD END: A WIDE SELECTION

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