



How to change track rod  
end on **VAUXHALL Zafira**  
**Mk I (A) (T98)** –  
replacement guide

### SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

#### **i Important!**

This replacement procedure can be used for:

VAUXHALL Zafira Mk I (A) (T98) 1.8 Dualfuel, VAUXHALL Zafira Mk I (A) (T98) 1.6 16V, VAUXHALL Zafira Mk I (A) (T98) 1.8 16V, VAUXHALL Zafira Mk I (A) (T98) 2.0 DI 16V, VAUXHALL Zafira Mk I (A) (T98) 2.2 16V, VAUXHALL Zafira Mk I (A) (T98) 2.0 DTI 16V, VAUXHALL Zafira Mk I (A) (T98) 2.0 GSI Turbo, VAUXHALL Zafira Mk I (A) (T98) 2.0, VAUXHALL Zafira Mk I (A) (T98) 1.6 CNG, VAUXHALL Zafira Mk I (A) (T98) 1.6 Dualfuel

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: OPEL Astra G CC (T98) 1.7 CDTI (F08, F48)

**REPLACEMENT: TRACK ROD END – VAUXHALL ZAFIRA MK I (A) (T98). TOOLS YOU MIGHT NEED:**



- Wire brush
- WD-40 spray
- Brake cleaner
- High-temperature ceramic grease
- Copper grease
- Combination spanner #22
- Drive socket # 19
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Vernier caliper
- Ball joint puller
- Wheel chock

**Buy tools**

Replacement: track rod end – VAUXHALL Zafira Mk I (A) (T98). AUTODOC recommends:

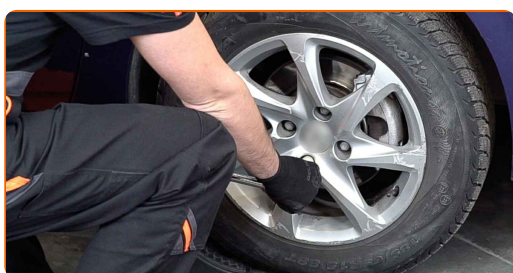
- Replace tie rod ends in pairs.
- The replacement procedure is identical for the right and left tie rod ends.
- All work should be done with the engine stopped.

## REPLACEMENT: TRACK ROD END – VAUXHALL ZAFIRA MK I (A) (T98). RECOMMENDED SEQUENCE OF 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.



**AUTODOC recommends:**

- Important! Hold the wheel while unscrewing the fastening bolts. VAUXHALL Zafira Mk I (A) (T98)

5

Remove the wheel.



6

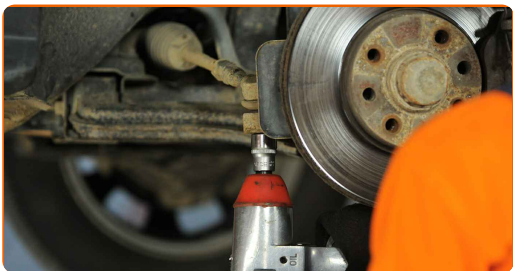
When deinstalling, mark or measure the precise position of the ball joint on the track rod, or count the number of turns in order to prevent misalignment afterward. Use a vernier caliper.



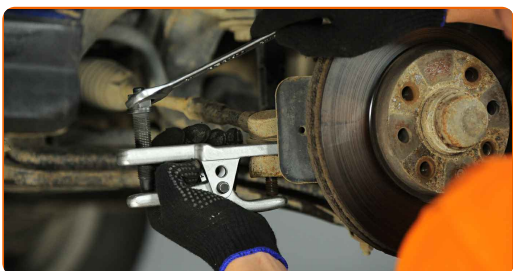
7

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

**8** Unscrew the end fastening nut to the steering knuckle. Use a drive socket #19. Use a ratchet wrench.

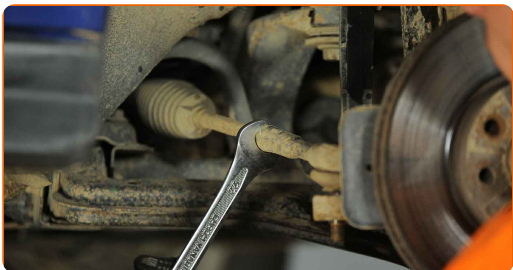


**9** Disconnect the tie rod end from the steering knuckle. Use a ball joint puller.

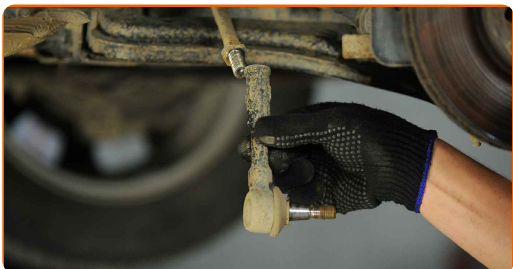


**10** Clean the lock nut that connects the tie rod to the tie rod end. Use a wire brush. Use WD-40 spray.

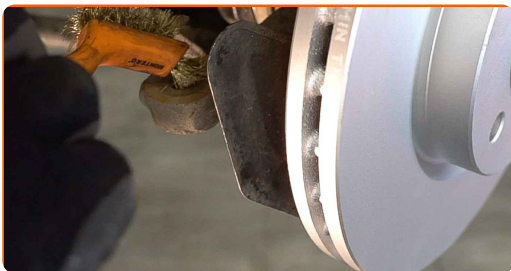
**11** Loosen the lock nut securing the tie rod end to the tie rod. Use a combination spanner #22.



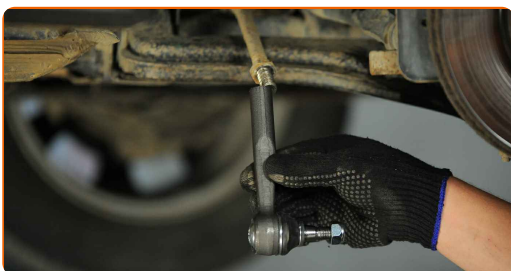
**12** Screw the end out of the tie rod.



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



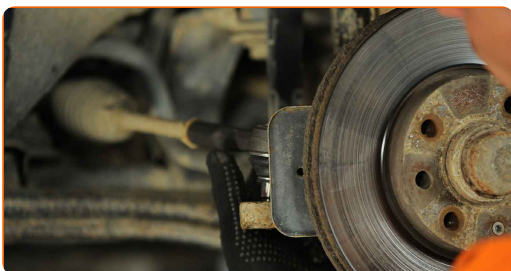
**14** Screw on a new tie rod end.



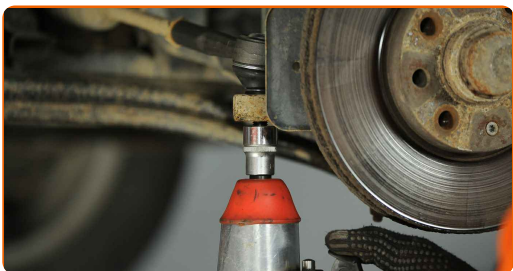
Replacement: track rod end – VAUXHALL Zafira Mk I (A) (T98). AUTODOC experts recommend:

- 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.

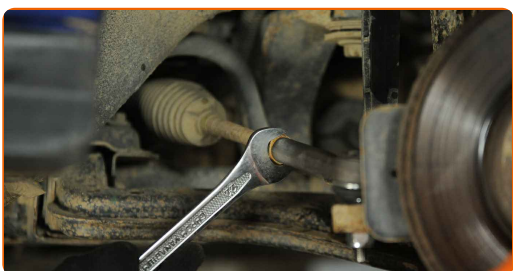
**15** Connect the tie rod end to the steering knuckle.



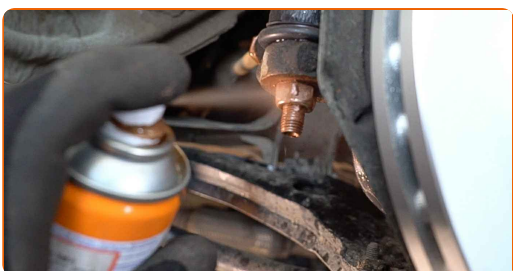
- 16 Tighten the fastening nut connecting the tie rod end to the steering knuckle. Use a drive socket #19. Use a torque wrench. Tighten it to 50 nm torque.



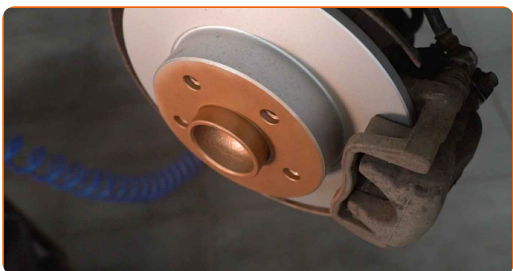
- 17 Tighten the tie rod end locknut. Use a combination spanner #22. Use a torque wrench. Tighten it to 60 nm torque.



- 18 Treat the fastener connecting the tie rod end to the steering knuckle. Use copper grease.



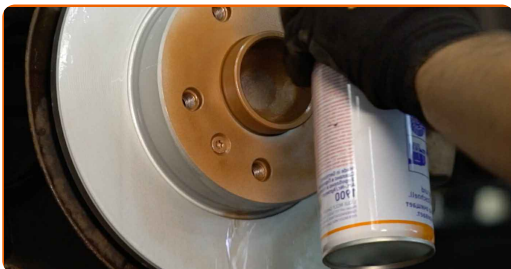
- 19 Treat the surface where the brake disc contacts the wheel rim. Use high-temperature ceramic grease.





20

Clean the brake disk surface. Use a brake cleaner.



**AUTODOC recommends:**

- Replacement: track rod end – VAUXHALL Zafira Mk I (A) (T98). After applying the spray, wait a few minutes.

21

Install the wheel.

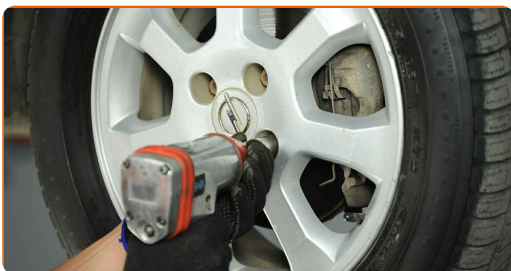


Replacement: track rod end – VAUXHALL Zafira Mk I (A) (T98). Tip:

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

22

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



- 23** Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 110 nm torque.



Replacement: track rod end – VAUXHALL Zafira Mk I (A) (T98). Tip from AUTODOC experts:

- Check and adjust wheel alignment if necessary.

- 24** Remove the jacks and chocks.



**WELL DONE!** 

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**TRACK ROD END: A WIDE SELECTION**

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