



How to change track rod  
end on **VAUXHALL**  
**Meriva Mk I (A) (X03)** –  
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:

VAUXHALL Meriva Mk I (A) (X03) 1.7 DTI, VAUXHALL Meriva Mk I (A) (X03) 1.6 i, VAUXHALL Meriva Mk I (A) (X03) 1.6 i 16V, VAUXHALL Meriva Mk I (A) (X03) 1.8 i 16V, VAUXHALL Meriva Mk I (A) (X03) 1.7 CDTI, VAUXHALL Meriva Mk I (A) (X03) 1.3 CDTI, VAUXHALL Meriva Mk I (A) (X03) 1.6 Turbo, VAUXHALL Meriva Mk I (A) (X03) 1.4 16V Twinport, VAUXHALL Meriva Mk I (A) (X03) 1.6 i 16V Twinport

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 Meriva A (X03) 1.6 16V (E75)

REPLACEMENT: TRACK ROD END – VAUXHALL MERIVA  
MK I (A) (X03). TOOLS YOU NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torque wrench
- Combination spanner #21
- Drive socket # 17
- Wheel impact socket #17
- Ratchet wrench
- Tap wrench
- Ball joint puller
- Vernier caliper
- Wheel chock

**Buy tools**

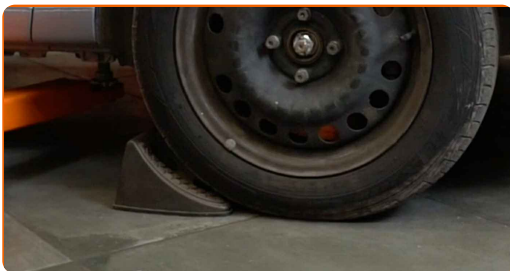
Replacement: track rod end – VAUXHALL Meriva Mk I (A) (X03). AUTODOC recommends:

- 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 MERIVA MK I (A) (X03). RECOMMENDED SEQUENCE OF STEPS:

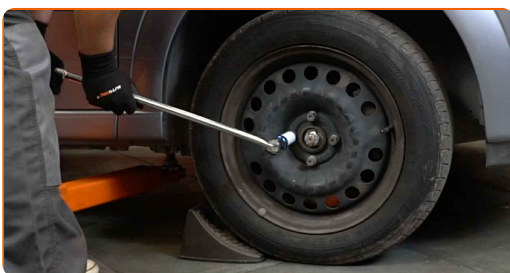
1

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:**

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.  
VAUXHALL Meriva Mk I (A) (X03)

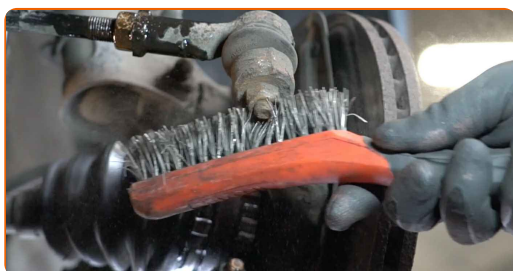
5

Remove the wheel.



6

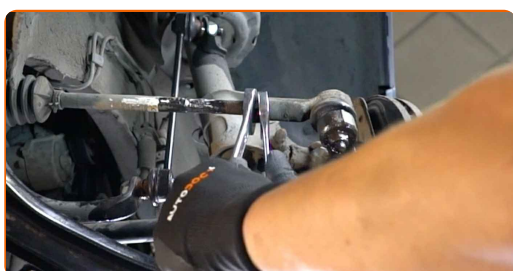
Clean the fastener connecting the tie rod end to the steering knuckle. Use a wire brush. Use WD-40 spray.



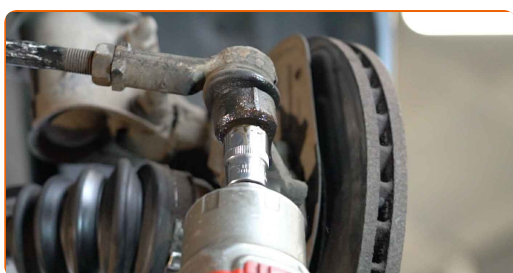
- 7 When deinstalling, mark or measure the precise position of the ball joint on the track rod, or count the number of turns in order to prevent misalignment afterward. Use a vernier caliper.



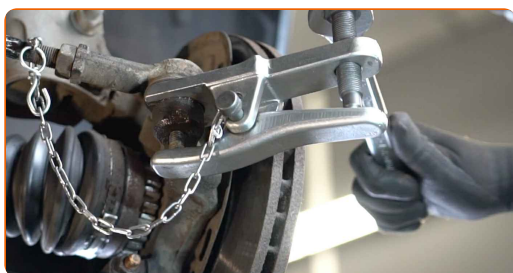
- 8 Loosen the lock nut securing the tie rod end to the tie rod. Use a combination spanner #21 (2 pieces).



- 9 Unscrew the end fastening nut to the steering knuckle. Use a drive socket #17. Use a tap wrench.



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



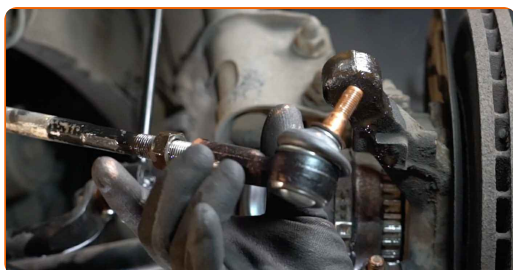
**11** Screw the end out of the tie rod.



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



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

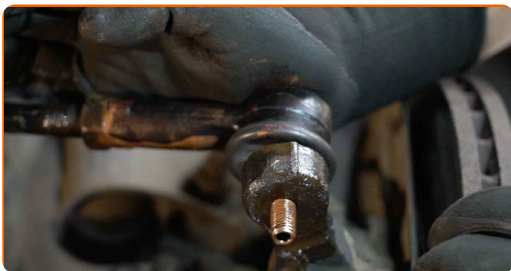


Replacement: track rod end – VAUXHALL Meriva Mk I (A) (X03). Tip from AUTODOC experts:

- 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.

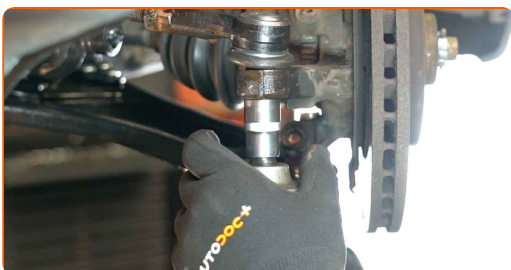


**14** Connect the tie rod end to the steering knuckle.



**15** Treat the fastener connecting the tie rod end to the steering knuckle. Use copper grease.

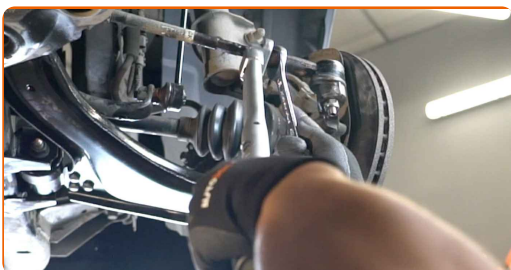
**16** Screw on the fastening nut that connects the tie rod end to the steering knuckle. Use a drive socket #17. Use a ratchet wrench.



**17** 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.

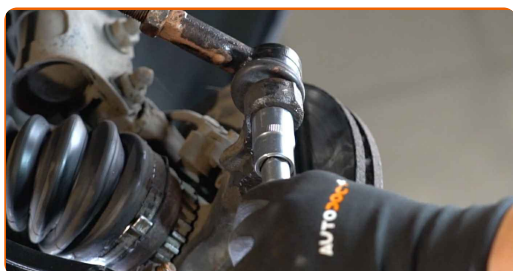


**18** Tighten the tie rod end locknut. Use a combination spanner #21 (2 pieces). Use a torque wrench. Tighten it to 55 nm torque.

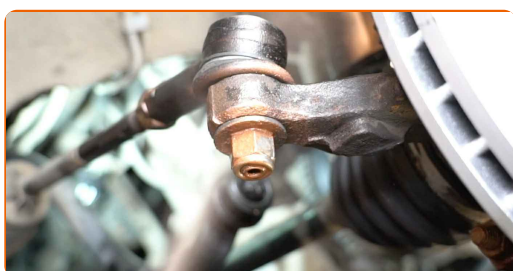




- 19** Tighten the fastening nut connecting the tie rod end to the steering knuckle. Use a drive socket #17. Use a torque wrench. Tighten it to 35 nm torque.



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



- 21** Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



- 22** Clean the brake disk surface. Use a brake cleaner.

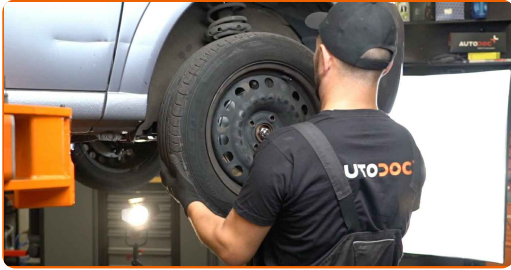


**AUTODOC recommends:**

- Replacement: track rod end – VAUXHALL Meriva Mk I (A) (X03). After applying the spray, wait a few minutes.

**23**

Install the wheel.



**AUTODOC recommends:**

- Important! Hold the wheel while screwing in the fastening bolts. VAUXHALL Meriva Mk I (A) (X03)

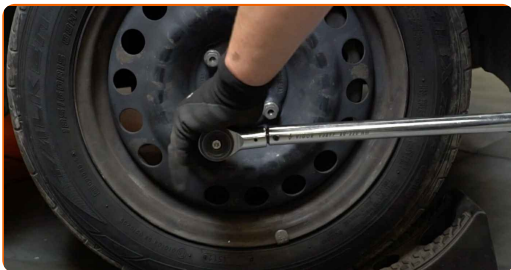
**24**

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



**25**

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 Meriva Mk I (A) (X03). Tip from AUTODOC:**

- Check and adjust wheel alignment if necessary.

26

Remove the jacks and chocks.



**WELL DONE!** 

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**TRACK ROD END: A WIDE SELECTION**

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