



How to change track rod  
end on **RENAULT**  
**Twingo III Hatchback**  
**(BCM)** – 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:

RENAULT Twingo III Hatchback (BCM) 1.0 SCe 70, RENAULT Twingo III Hatchback (BCM) 0.9 TCe 90, RENAULT Twingo III Hatchback (BCM) 0.9 TCe 110, RENAULT Twingo III Hatchback (BCM) 0.9 TCe 90 LPG (BCMD), RENAULT Twingo III Hatchback (BCM) 1.0 SCe 65 (BCMJ), RENAULT Twingo III Hatchback (BCM) 1.0 SCe 75, RENAULT Twingo III Hatchback (BCM) 0.9 TCe 95, RENAULT Twingo III Hatchback (BCM) Z.E:

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: RENAULT Clío III Hatchback (BR0/1, CR0/1) 1.5 dCi

**REPLACEMENT: TRACK ROD END – RENAULT TWINGO III HATCHBACK (BCM). TOOLS YOU NEED:**



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torque wrench
- Combination spanner #13
- Combination spanner #21
- Drive socket # 16
- Drive socket # 17
- Wheel impact socket #17
- Ratchet wrench
- Tap wrench
- Ball joint puller
- Vernier caliper
- Wheel chock

**Buy tools**

Replacement: track rod end – RENAULT Twingo III Hatchback (BCM).  
Professionals recommend:

- 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 – RENAULT TWINGO III HATCHBACK (BCM). USE THE FOLLOWING PROCEDURE:**

**1** Secure the wheels with chocks.

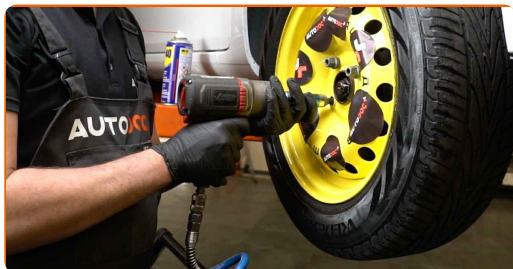


**2** Loosen the wheel mounting bolts. Use wheel impact socket #17.



**3** Raise the front of the car and secure on supports.

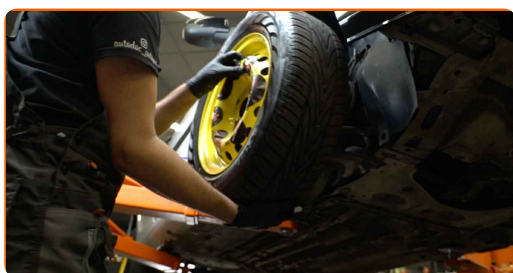
**4** Unscrew the wheel bolts.



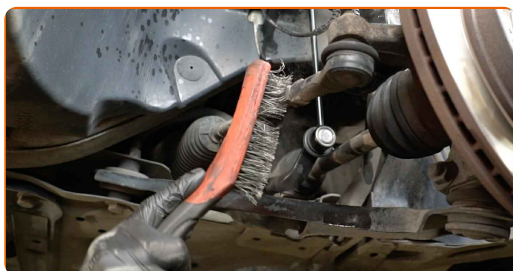
Replacement: track rod end – RENAULT Twingo III Hatchback (BCM). Tip:

- To avoid injury, hold up the wheel when unscrewing the bolts.

**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.



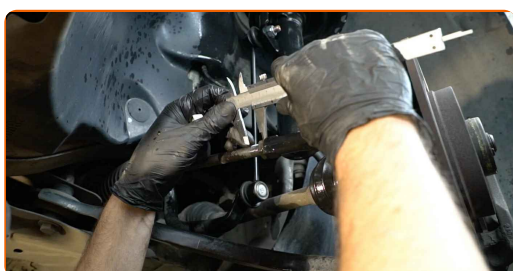
7

Unscrew the end fastening nut to the steering knuckle. Use a drive socket #16. Use a tap wrench.



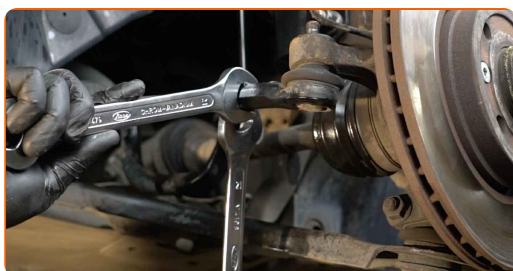
8

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.



9

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

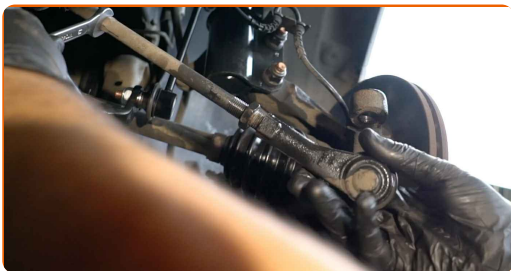


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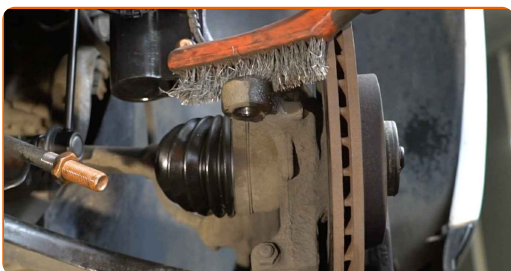
Disconnect the tie rod end from the steering knuckle. Use a ball joint puller.



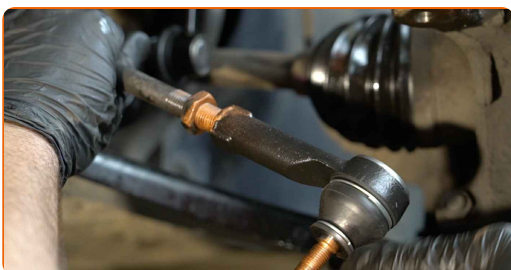
**11** Screw the end out of the tie rod. Use a combination spanner #13.



**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.



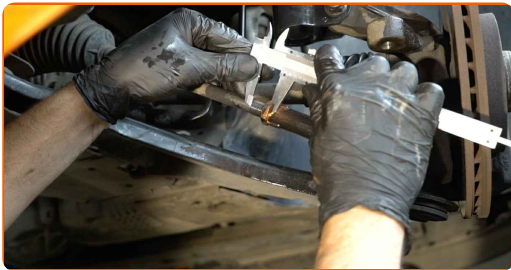
Replacement: track rod end – RENAULT Twingo III Hatchback (BCM). Tip from AUTODOC:

- 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.



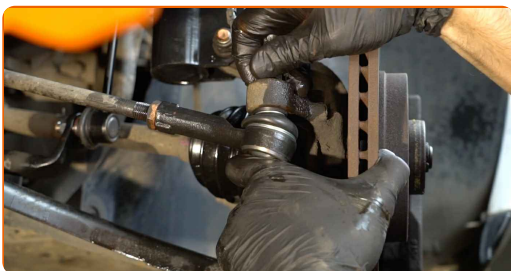
**14**

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.



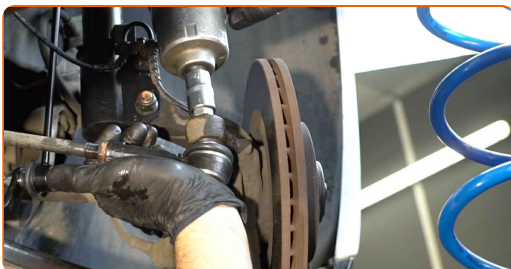
**15**

Connect the tie rod end to the steering knuckle.



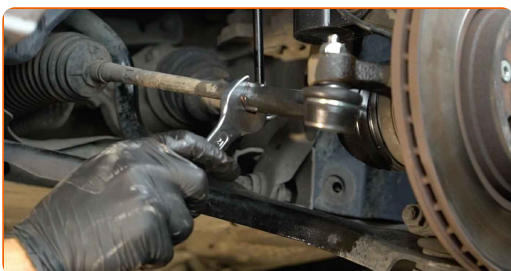
**16**

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



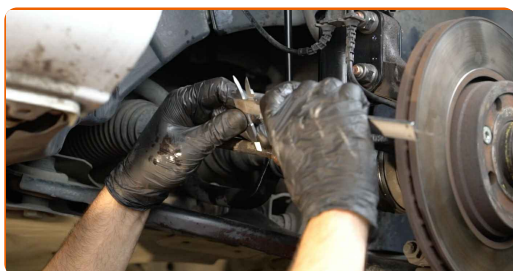
**17**

Screw on the tie rod end jam nut. Use a combination spanner #21 (2 pieces).

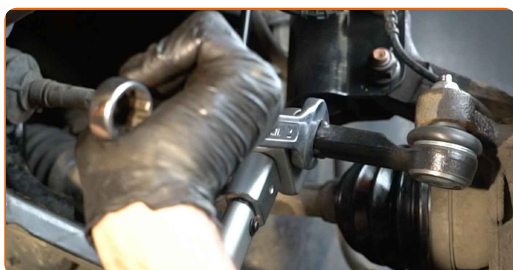




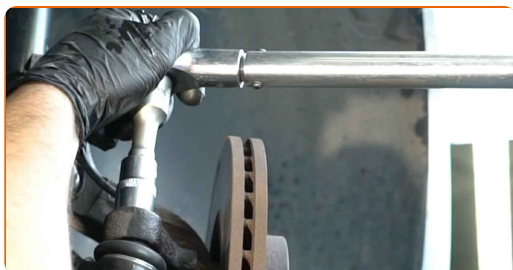
- 18** When deinstalling, mark or measure the precise position of the ball joint on the track rod, or count the number of turns in order to prevent misalignment afterward. Use a vernier caliper.



- 19** Tighten the tie rod end locknut. Use a combination spanner #21 (2 pieces). Use a torque wrench. Tighten it to 53 nm torque.



- 20** 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.



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



**22**

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



**23**

Clean the brake disk surface. Use a brake cleaner.

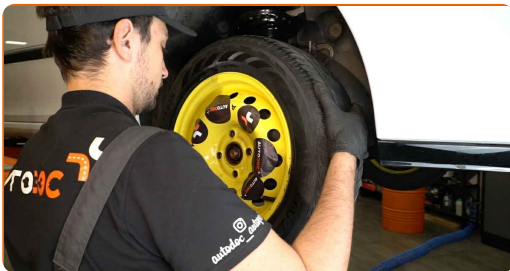


**AUTODOC recommends:**

- Replacement: track rod end – RENAULT Twingo III Hatchback (BCM). After applying the spray, wait a few minutes.

**24**

Install the wheel.



**Replacement: track rod end – RENAULT Twingo III Hatchback (BCM). Tip from AUTODOC experts:**

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

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

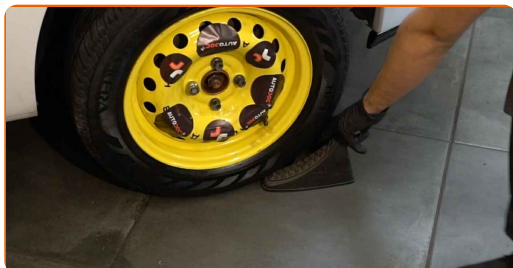


**26** Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 105 nm torque.

Replacement: track rod end – RENAULT Twingo III Hatchback (BCM).  
AUTODOC experts recommend:

- Check and adjust wheel alignment if necessary.

**27** Remove the jacks and chocks.



**WELL DONE!** 

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**TRACK ROD END: A WIDE SELECTION**

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