



How to change track rod  
end on **RENAULT**  
**THALIA II (LU1/2\_)** –  
replacement guide

## SIMILAR VIDEO TUTORIAL



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

### Important!

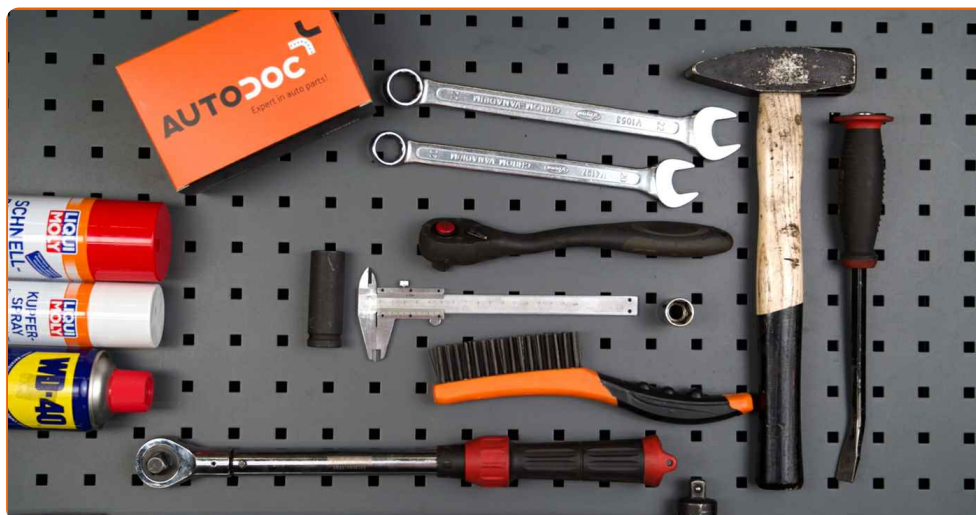
This replacement procedure can be used for:

RENAULT THALIA II (LU1/2\_) 0.9 TCe, RENAULT THALIA II (LU1/2\_) 1.5 dCi

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 CLIO II (BB0/1/2\_, CB0/1/2\_) 1.2

**REPLACEMENT: TRACK ROD END – RENAULT THALIA II (LU1/2\_). TOOLS YOU MIGHT NEED:**



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Drive socket # 17
- Combination spanner #20
- Combination spanner #22
- Wheel impact socket #19
- Ratchet wrench
- Torque wrench
- Vernier caliper
- Hydraulic transmission jack
- Wheel chock

**Buy tools**

### Replacement: track rod end – RENAULT THALIA II (LU1/2\_). Tip from AUTODOC:

- Replace tie rod ends in pairs.
- The replacement procedure is identical for the right and left tie rod ends.
- During the installation process, use only new bolts and nuts.
- Please note: all work on the car – RENAULT THALIA II (LU1/2\_) – should be done with the engine switched off.

## CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

**1**

Secure the wheels with chocks.

**2**

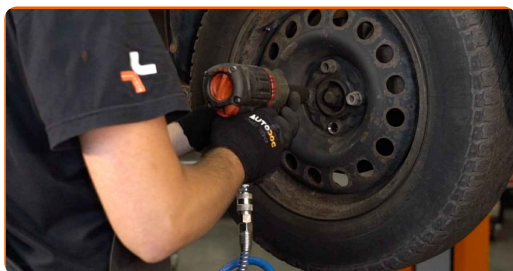
Loosen the wheel mounting bolts. Use wheel impact socket #19.

**3**

Raise the front of the car and secure on supports.

4

Unscrew the wheel bolts.

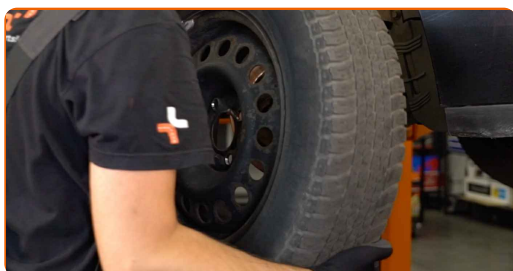


**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.  
RENAULT THALIA II (LU1/2\_)

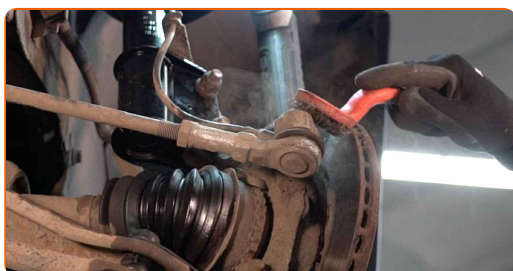
5

Remove the wheel.

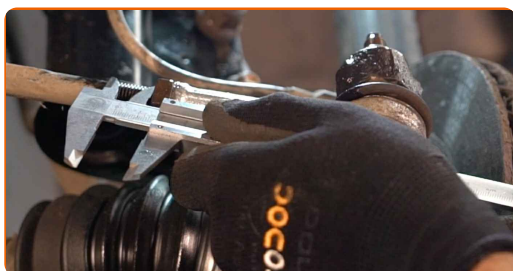


6

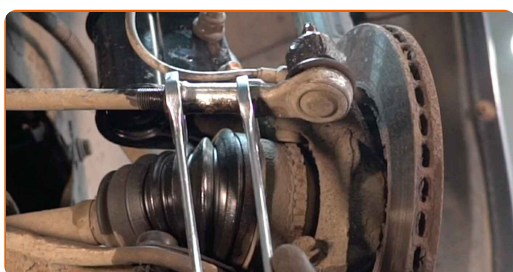
Clean the fastener connecting the tie rod end to the steering knuckle. Use a wire brush. Use WD-40 spray.



- 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.



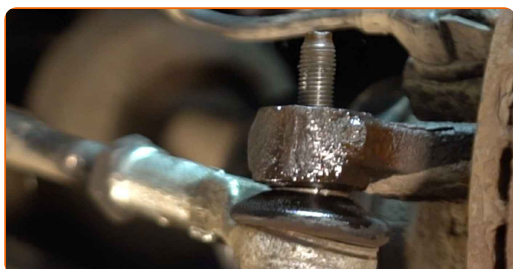
- 8 Loosen the lock nut securing the tie rod end to the tie rod. Use a combination spanner #20. Use a combination spanner #22.



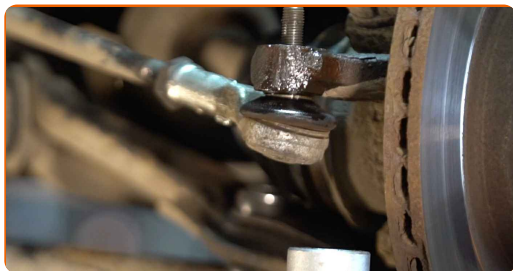
- 9 Support the ball joint of the steering tie-rod end. Use a hydraulic transmission jack.



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



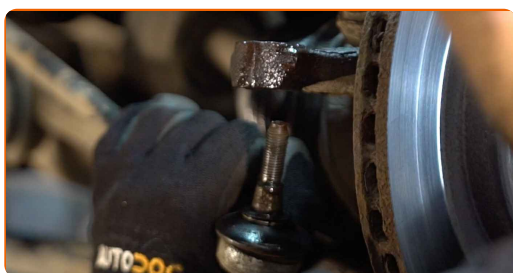
**11** Remove the hydraulic transmission jack.



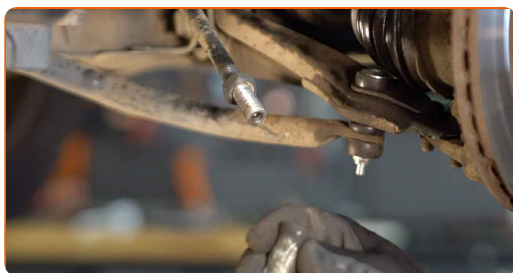
**AUTODOC recommends:**

- Replacement: track rod end – RENAULT THALIA II (LU1/2\_). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

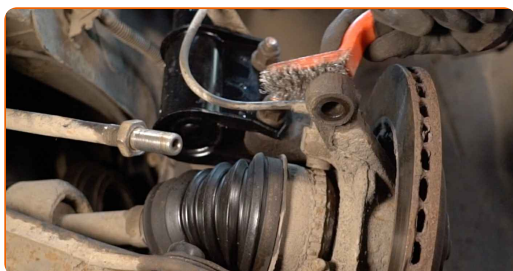
**12** Disconnect the tie rod end from the steering knuckle.



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



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



**15**

Treat the threaded part of the tie rod. Use copper grease.

**16**

Screw on a new tie rod end.

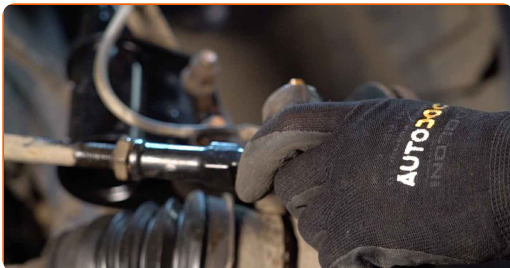


Replacement: track rod end – RENAULT THALIA II (LU1/2\_). AUTODOC experts recommend:

- 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.

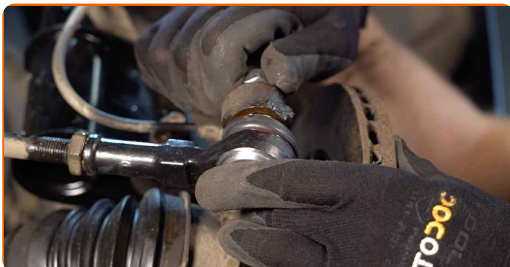
**17**

Connect the tie rod end to the steering knuckle.



**18**

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





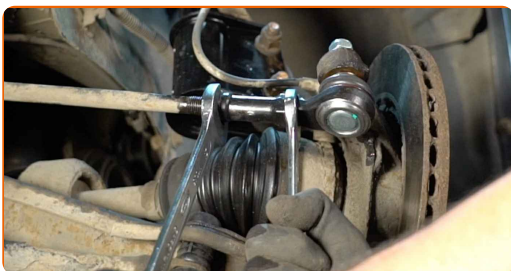
**19**

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.



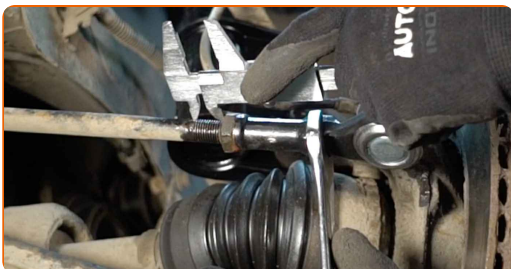
**20**

Screw on the tie rod end jam nut. Use a combination spanner #20. Use a combination spanner #22.



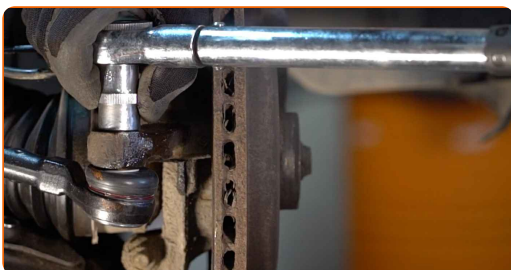
**21**

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.

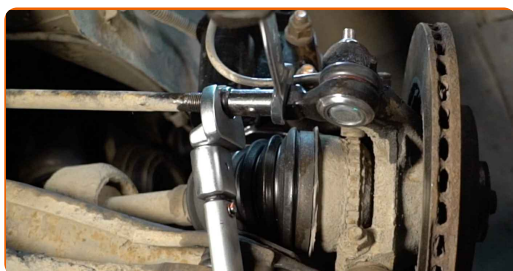


**22**

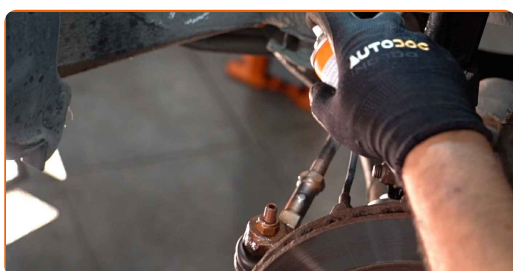
Tighten the fastening nut connecting the tie rod end to the steering knuckle. Use a drive socket #17. Use a torque wrench. Tighten it to 37 nm torque.



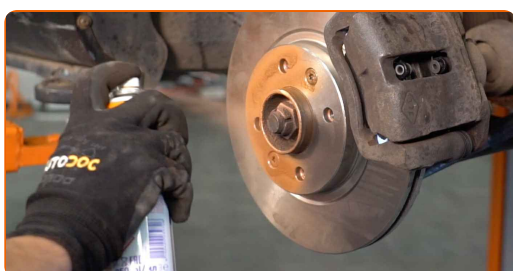
- 23 Tighten the tie rod end locknut. Use a combination spanner #20. Use a combination spanner #22. Use a torque wrench. Tighten it to 55 nm torque.



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



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



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

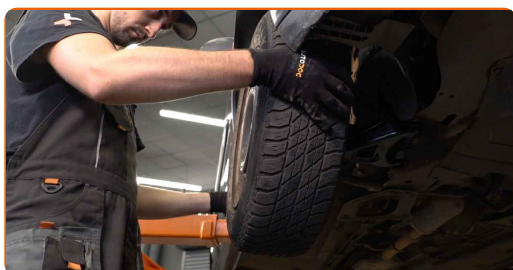


**AUTODOC recommends:**

- Replacement: track rod end – RENAULT THALIA II (LU1/2\_). After applying the spray, wait a few minutes.

**27**

Install the wheel.



**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. RENAULT THALIA II (LU1/2\_)

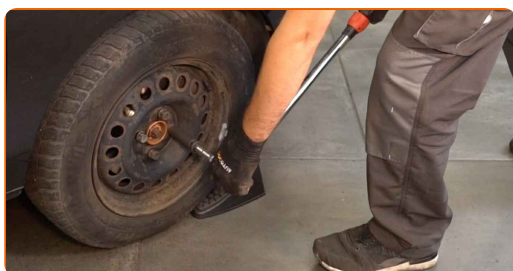
**28**

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



**29**

Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 90 nm torque.

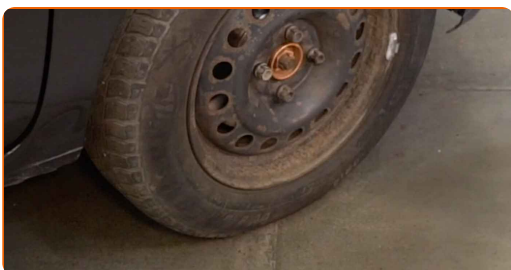


Replacement: track rod end – RENAULT THALIA II (LU1/2\_). Professionals recommend:

- Check and adjust wheel alignment if necessary.

**30**

Remove the jacks and chocks.



**WELL DONE!** 

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