



How to change track rod
end on **RENAULT Master**
II Platform/Chassis –
replacement guide

SIMILAR VIDEO TUTORIAL



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

Important!

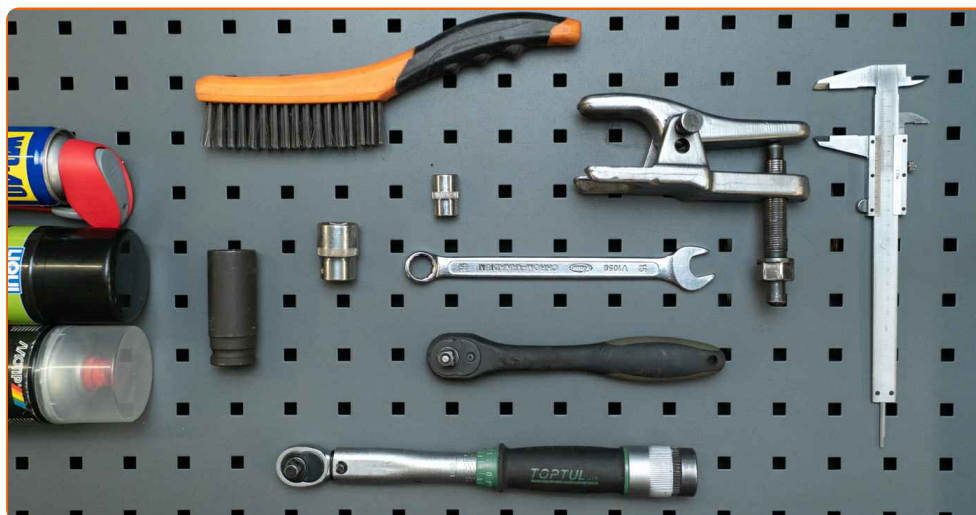
This replacement procedure can be used for:

RENAULT MASTER II Platform/Chassis (ED/HD/UD) 2.5 D, RENAULT MASTER II Platform/Chassis (ED/HD/UD) 2.8 dTi, RENAULT MASTER II Platform/Chassis (ED/HD/UD) 2.2 dCi 90, RENAULT MASTER II Platform/Chassis (ED/HD/UD) 2.5 dCi 120

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 MASTER II Box (FD) 2.2 dCi 90

REPLACEMENT: TRACK ROD END – RENAULT MASTER II PLATFORM/CHASSIS. TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- All-purpose cleaning spray
- Ceramic grease
- Torque wrench
- 15 mm combination spanner
- 13 mm socket
- 22 mm socket
- 24 mm wheel impact socket
- Ratchet wrench or power tool for removal/installation of threaded fasteners
- Tommy bar
- Vernier caliper
- Ball joint separator
- Car lift or jack with jack stands, and wheel chocks

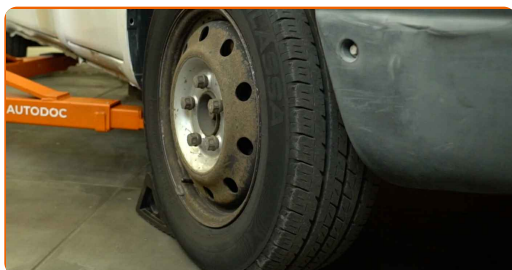
[Buy tools](#)

Replacement: track rod end – RENAULT Master II Platform/Chassis. Professionals recommend:

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

REPLACEMENT: TRACK ROD END – RENAULT MASTER II PLATFORM/CHASSIS. RECOMMENDED SEQUENCE OF STEPS:

1 Secure the wheels with chocks.



2 Loosen the wheel fasteners. Use a 24 mm wheel impact socket. Use a tommy bar.



3 Raise the car.

Replacement: track rod end – RENAULT Master II Platform/Chassis.
AUTODOC recommends:

- If you are using a jack, make sure the car is parked on a hard, flat surface.
- Make sure to additionally secure the car with jack stands.

4

Unscrew the wheel fasteners.

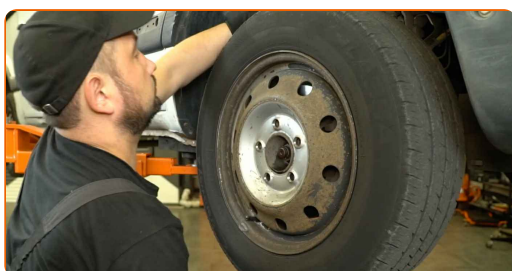


Caution!

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

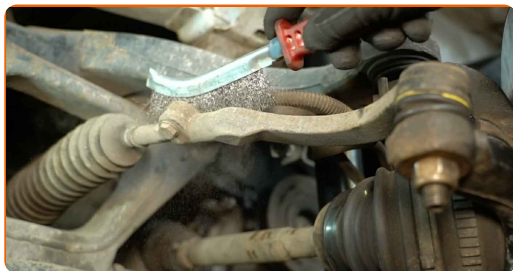
5

Remove the wheel.



6

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



7

Unscrew the nut connecting the tie rod end to the steering knuckle. Use a 22 mm socket. Use a ratchet wrench.



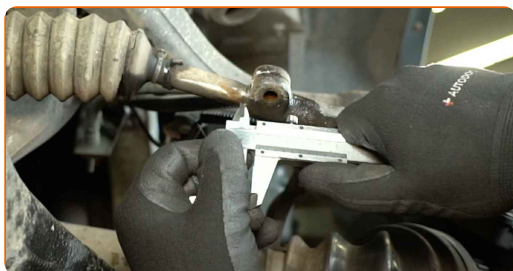
8

Loosen the bolt connecting the tie rod end to the tie rod. Use an 13 mm socket. Use a ratchet wrench.



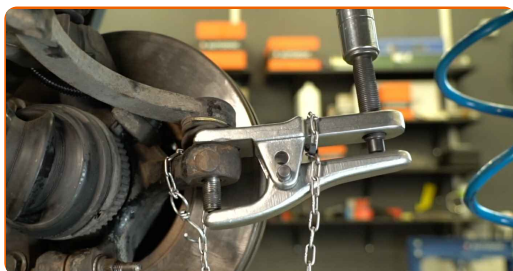
9

Measure and note down the length of the exposed portion of the tie rod thread or the number of turns the tie rod end made when being unscrewed to prevent wheel misalignment during reassembly. Use a vernier caliper.



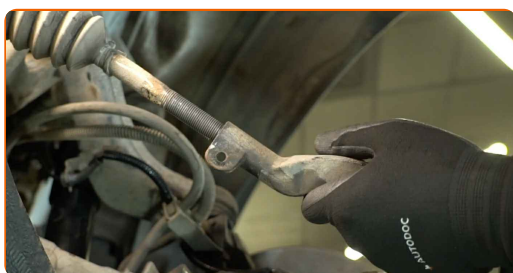
10

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



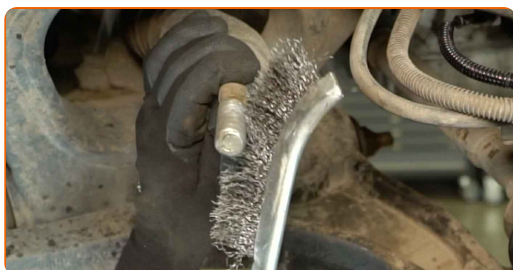
11

Unscrew the tie rod end from the tie rod.



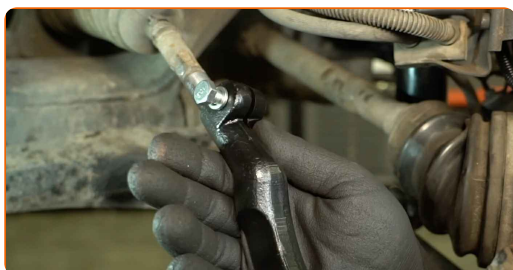
12

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



13

Screw on a new tie rod end.

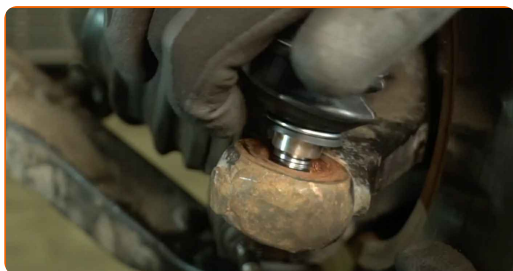


Replacement: track rod end – RENAULT Master II Platform/Chassis. Tip from AUTODOC experts:

- When installing the tie rod end, remember to maintain the same length of the exposed tie rod thread or turn the tie rod end the same number of times.

14

Connect the tie rod end to the steering knuckle.



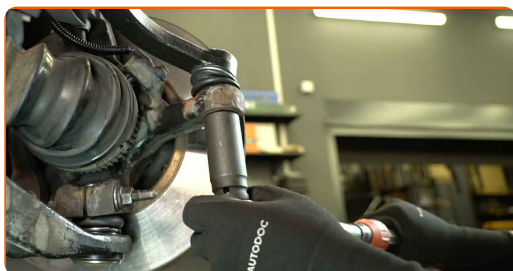
15

Tighten the bolt connecting the tie rod end to the tie rod. Use an 13 mm socket. Use a torque wrench. Tightening torque: 53 N·m.



16

Tighten the nut connecting the tie rod end to the steering knuckle. Use a 22 mm socket. Use a torque wrench. Tightening torque: 41 N·m.



17

Clean the wheel rim mounting seat. Use a wire brush. Use an all-purpose cleaning spray.



18

Treat the brake disc surface that contacts the wheel rim. Use ceramic grease.



19

Install the wheel.



Replacement: track rod end – RENAULT Master II Platform/Chassis. Tip from AUTODOC:

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

20

Screw in the wheel fasteners. Use a 24 mm wheel impact socket. Use a ratchet wrench.



21

Lower the car and tighten the wheel fasteners in a criss-cross pattern. Use a 24 mm wheel impact socket. Use a torque wrench. Tightening torque: 172 N·m.



22

Remove the jack and wheel chocks.



AUTODOC recommendation:

- After replacing the tie rod ends, it is necessary to have the wheels aligned.

WELL DONE! 


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TRACK ROD END: A WIDE SELECTION

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