



How to change track rod
end on **FORD FUSION**
(**JU_**) – replacement
guide

SIMILAR VIDEO TUTORIAL



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

Important!

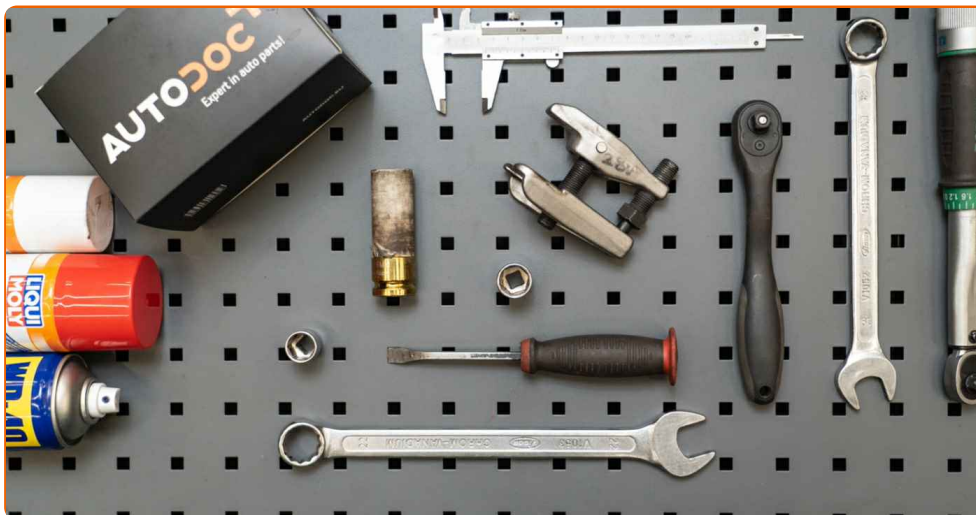
This replacement procedure can be used for:

FORD FUSION (JU_) 1.4, FORD FUSION (JU_) 1.6, FORD FUSION (JU_) 1.4 TDCi, FORD FUSION (JU_) 1.6 TDCi, FORD FUSION (JU_) 1.25, FORD FUSION (JU_) 1.3, FORD FUSION (JU_) 1.4 LPG

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: FORD Fiesta Mk5 Hatchback (JH1, JD1, JH3, JD3) 1.4 16V

REPLACEMENT: TRACK ROD END – FORD FUSION (JU_). TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #19
- Combination spanner #22
- Drive socket # 15
- Drive socket # 17
- Wheel impact socket #19
- Torque wrench
- Tap wrench
- Vernier caliper
- Ball joint puller
- Wheel chock

Buy tools

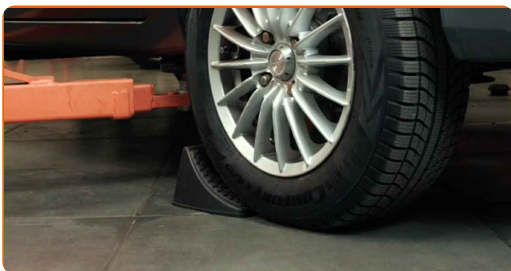
Replacement: track rod end – FORD FUSION (JU_). AUTODOC recommends:

- Replace tie rod ends in pairs.
- The replacement procedure is identical for the right and left tie rod ends.
- Please note: all work on the car – FORD FUSION (JU_) – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

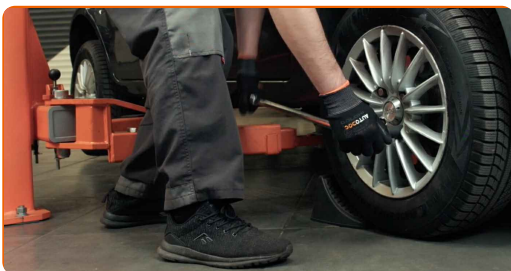
1

Secure the wheels with chocks.



2

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

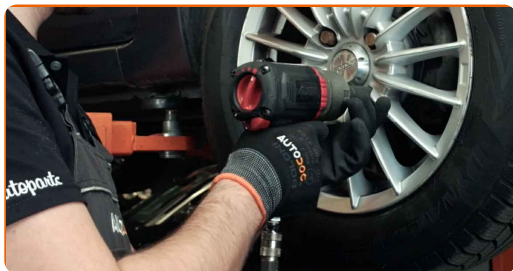


3

Raise the front of the car and secure on supports.

4

Unscrew the wheel bolts.



AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. FORD FUSION (JU_)

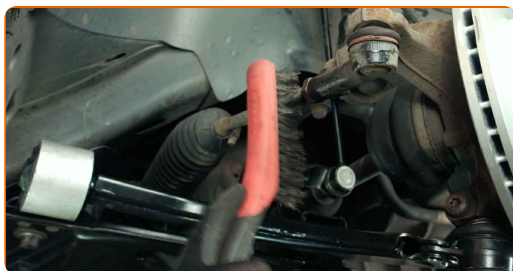
5

Remove the wheel.



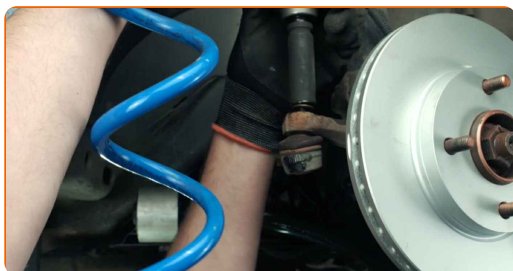
6

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



7

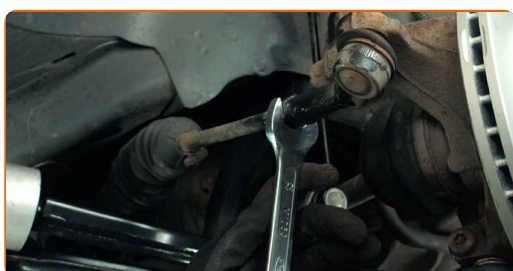
Unscrew the end fastening nut to the steering knuckle. Use a drive socket #15. Use a tap wrench.



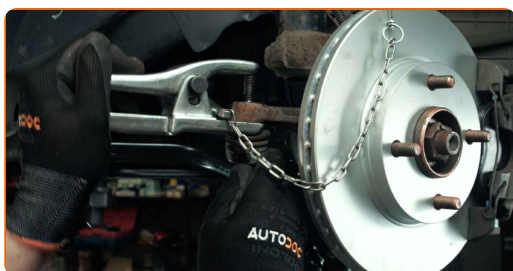
- 8 When deinstalling, mark or measure the precise position of the ball joint on the track rod, or count the number of turns in order to prevent misalignment afterward. Use a vernier caliper.



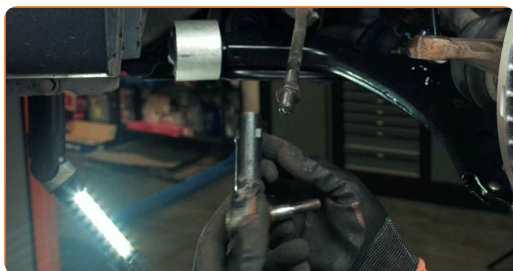
- 9 Loosen the lock nut securing the tie rod end to the tie rod. Use a combination spanner #22.



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

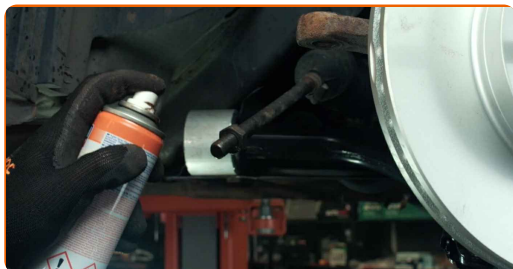


- 11 Screw the end out of the tie rod.



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 – FORD FUSION (JU_). AUTODOC experts recommend:

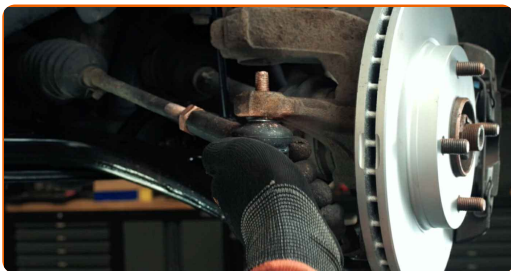
- While installing the steering rod end remember to make the same number of turns or to leave the same length of thread showing as per your measurements.

14

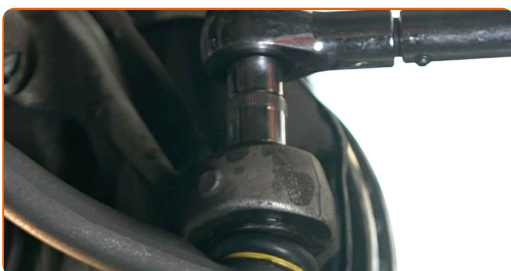
When deinstalling, mark or measure the precise position of the ball joint on the track rod, or count the number of turns in order to prevent misalignment afterward. Use a vernier caliper.



15 Connect the tie rod end to the steering knuckle.



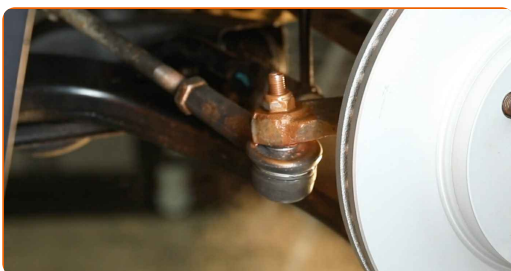
16 Tighten the fastening nut connecting the tie rod end to the steering knuckle. Use a drive socket #17. Use a torque wrench. Tighten it to 48 nm torque.



17 Tighten the tie rod end locknut. Use a combination spanner #19. Use a combination spanner #22. Use a torque wrench. Tighten it to 63 nm torque.



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



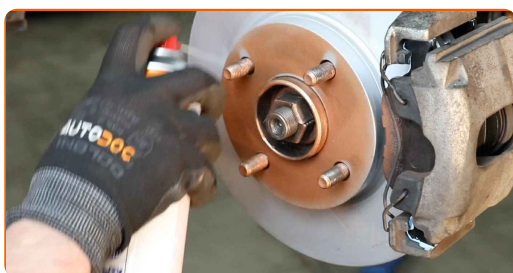
19

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



20

Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: track rod end – FORD FUSION (JU_). After applying the spray, wait a few minutes.

21

Install the wheel.

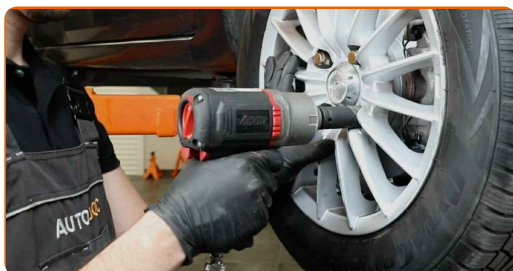


Replacement: track rod end – FORD FUSION (JU_). Tip:

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

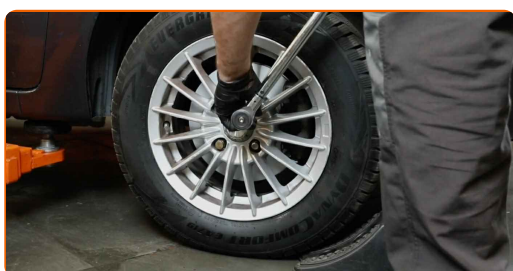
22

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



23

Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #19. Use a torque wrench. Tighten it to 95 nm torque.

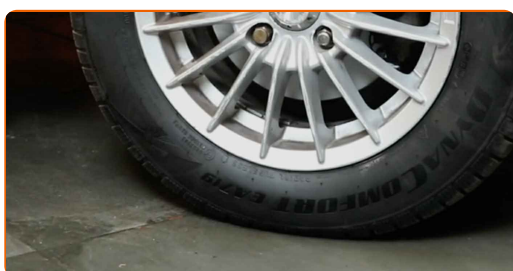


Replacement: track rod end – FORD FUSION (JU_). Tip from AUTODOC:

- 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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