



How to change track rod  
end on **FORD C-MAX**  
**(DM2)** – replacement  
guide

### SIMILAR VIDEO TUTORIAL



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

#### **i Important!**

This replacement procedure can be used for:

FORD C-MAX (DM2) 1.8, FORD C-MAX (DM2) 2.0 TDCi, FORD C-MAX (DM2) 1.6 TDCi, FORD C-MAX (DM2) 1.6, FORD C-MAX (DM2) 1.8 Flexifuel, FORD C-MAX (DM2) 2.0, FORD C-MAX (DM2) 1.8 TDCi, FORD C-MAX (DM2) 2.0 CNG, FORD C-MAX (DM2) 2.0 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 MONDEO III Estate (BWY) 1.8 16V

REPLACEMENT: TRACK ROD END – FORD C-MAX (DM2). TOOLS YOU NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #24
- Drive socket # 15
- Wheel impact socket #19
- Ratchet wrench
- Torque wrench
- Vernier caliper
- Ball joint puller
- Wheel chock

**Buy tools**

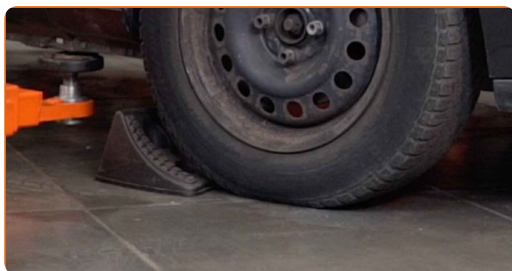
Replacement: track rod end – FORD C-MAX (DM2). AUTODOC recommends:

- 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 – FORD C-MAX (DM2). USE THE FOLLOWING PROCEDURE:

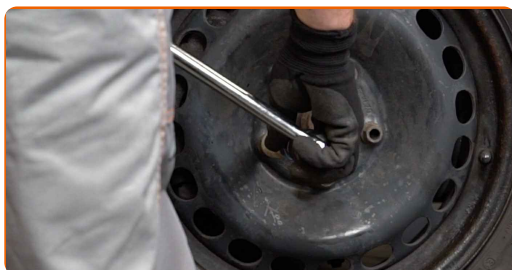
1

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.



Replacement: track rod end – FORD C-MAX (DM2). AUTODOC experts recommend:

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

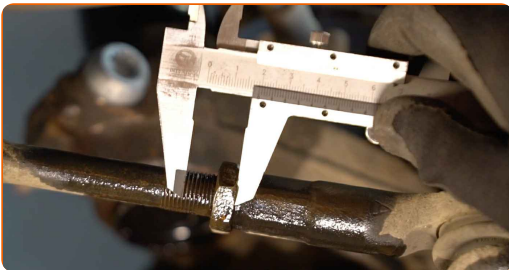
5

Remove the wheel.



6

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.

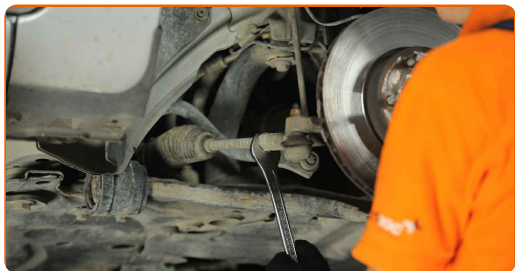


7

Clean the lock nut that connects the tie rod to the tie rod end. Use a wire brush. Use WD-40 spray.

8

Loosen the lock nut securing the tie rod end to the tie rod. Use a combination spanner #24.

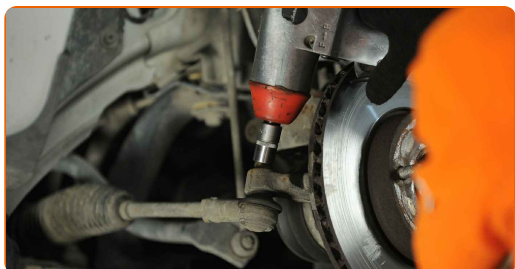


9

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

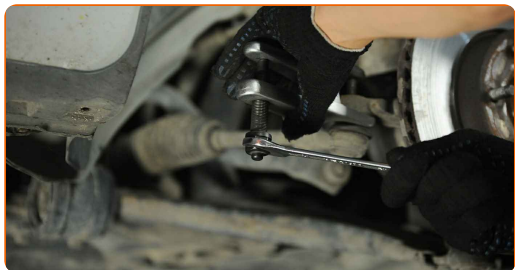
10

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



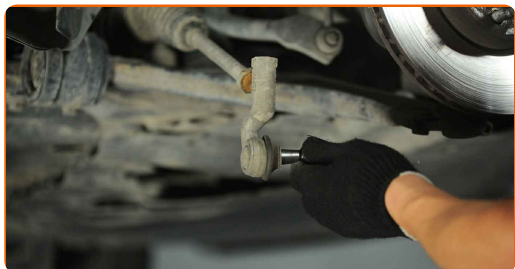
11

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

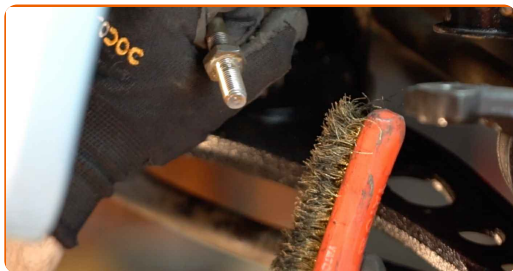


12

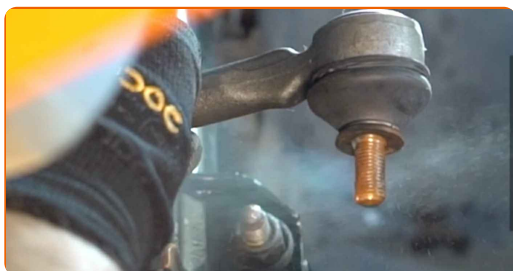
Screw the end out of the tie rod.



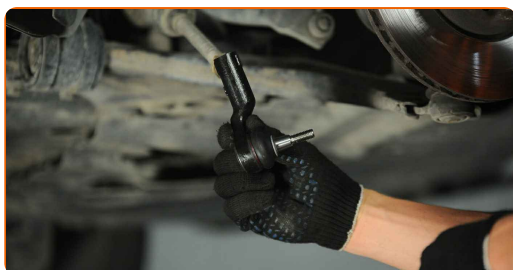
**13** Clean the mounting seats of the tie rod end. Use a wire brush. Use WD-40 spray.



**14** Treat the mounting seats of the tie rod end. Use copper grease.



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



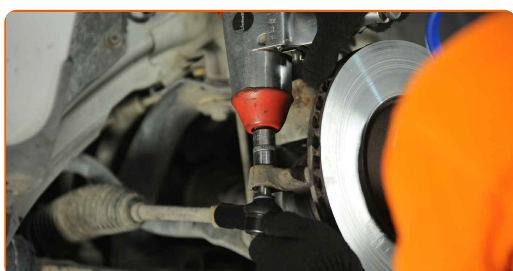
Replacement: track rod end – FORD C-MAX (DM2). Tip from AUTODOC experts:

- 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.

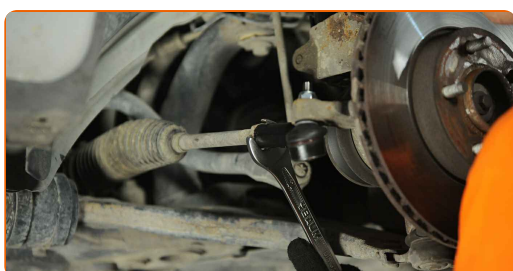
**16** Connect the tie rod end to the steering knuckle.



**17** Tighten the fastening nut connecting the tie rod end to the steering knuckle. Use a drive socket #15. Use a torque wrench. Tighten it to 48 nm torque.



**18** Tighten the tie rod end locknut. Use a combination spanner #24. Use a torque wrench. Tighten it to 62 nm torque.



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





**20**

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



**21**

Clean the brake disk surface. Use a brake cleaner.

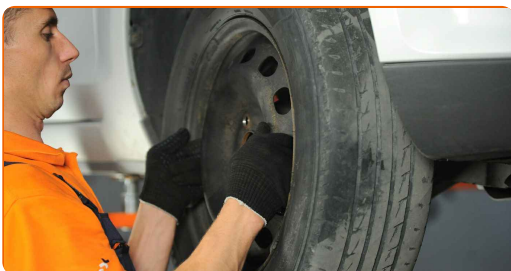


**AUTODOC recommends:**

- Replacement: track rod end – FORD C-MAX (DM2). After applying the spray, wait a few minutes.

**22**

Install the wheel.



**Replacement: track rod end – FORD C-MAX (DM2). Tip from AUTODOC:**

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

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



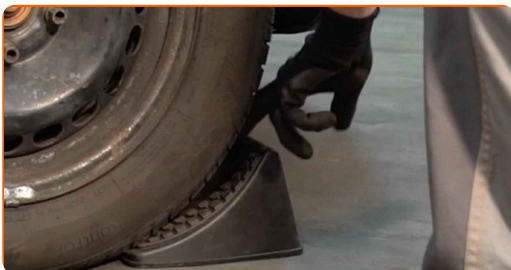
**24** Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #19. Use a torque wrench. Tighten it to 120 nm torque.



**Replacement: track rod end – FORD C-MAX (DM2). Tip:**

- Check and adjust wheel alignment if necessary.

**25** Remove the jacks and chocks.



**WELL DONE!** 

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**TRACK ROD END: A WIDE SELECTION**

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