



How to change track rod  
end on **Hyundai Santa  
Fe CM** – replacement  
guide

**VIDEO TUTORIAL**



** Important!**

This replacement procedure can be used for:

HYUNDAI SANTA FÉ II (CM) 3.3, HYUNDAI SANTA FÉ II (CM) 3.5 4x4, HYUNDAI SANTA FÉ II (CM) 2.0 CRDi, HYUNDAI SANTA FÉ II (CM) 2.4, HYUNDAI SANTA FÉ II (CM) 2.0 CRDi 4x4, HYUNDAI SANTA FÉ II (CM) 2.7 4x4, HYUNDAI SANTA FÉ II (CM) 2.7, HYUNDAI SANTA FÉ II (CM) 2.2 CRDi, HYUNDAI SANTA FÉ II (CM) 2.2 CRDi 4x4, HYUNDAI SANTA FÉ II (CM) 2.7 V6 GLS, HYUNDAI SANTA FÉ II (CM) 2.7 V6 GLS 4x4, HYUNDAI SANTA FÉ II (CM) 2.2 CRDi GLS, HYUNDAI SANTA FÉ II (CM) 2.2 CRDi GLS 4x4, HYUNDAI SANTA FÉ II (CM) 3.3 Dynamic 4x4, HYUNDAI SANTA FÉ II (CM) 2.4 4x4, (+ 4)

The steps may slightly vary depending on the car design.

**REPLACEMENT: TRACK ROD END – HYUNDAI SANTA FE CM. TOOLS YOU NEED:**



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torque wrench
- Combination spanner #19
- Combination spanner #24
- Wheel impact socket #21
- Ratchet wrench
- Nippers
- Hammer
- Vernier caliper
- Wheel chock

**BUY TOOLS**

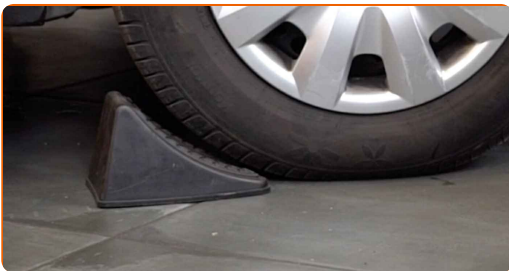
Replacement: track rod end – Hyundai Santa Fe CM. AUTODOC experts recommend:

- 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 – Hyundai Santa Fe CM – 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 #21.



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.  
Hyundai Santa Fe CM

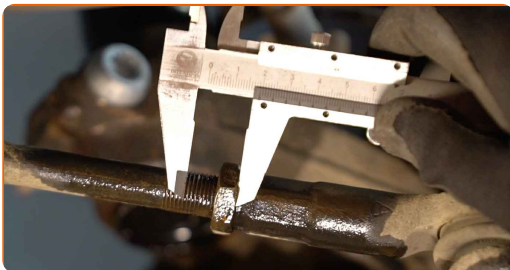
5

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.

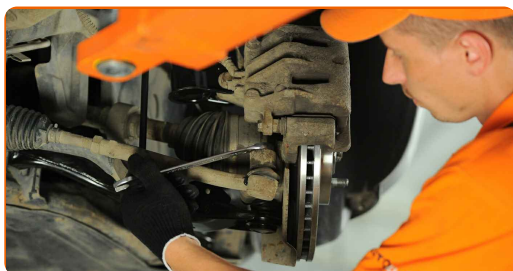


7

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

8

Unscrew the end fastening nut to the steering knuckle. Use a combination spanner #19.

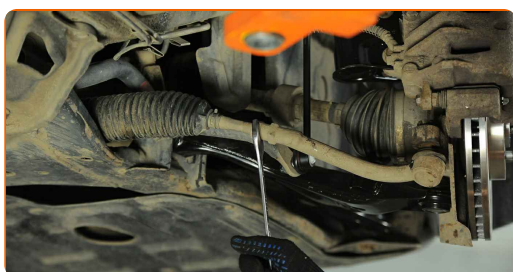


9

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

10

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



11

Disconnect the tie rod end from the steering knuckle. Use a hammer.

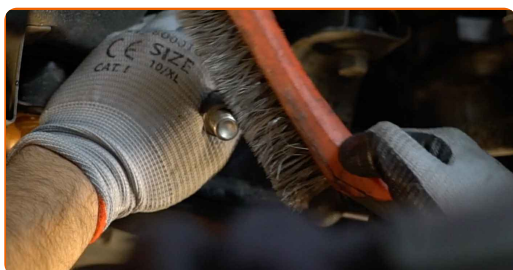
12

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

Screw on a new tie rod end.



Replacement: track rod end – Hyundai Santa Fe CM. Tip from AUTODOC experts:

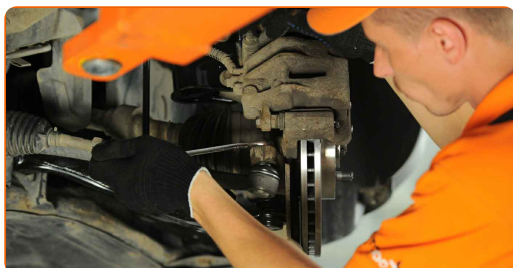
- While installing the steering rod end remember to make the same number of turns or to leave the same length of thread showing as per your measurements.

15

Connect the tie rod end to the steering knuckle.

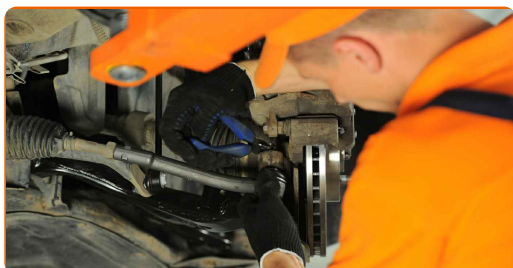
16

Tighten the fastening nut connecting the tie rod end to the steering knuckle. Use a combination spanner #19. Use a torque wrench. Tighten it to 35 nm torque.

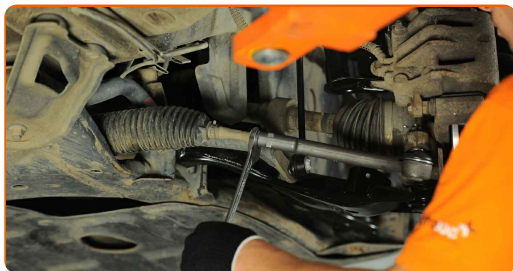


17

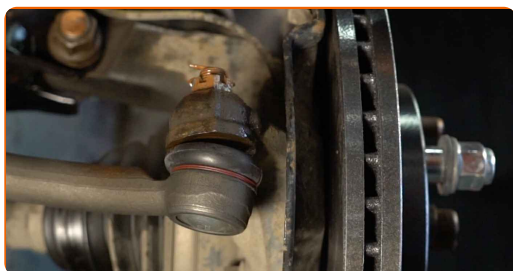
Install the cotter pin. Use nippers.



**18** Tighten the tie rod end locknut. Use a combination spanner #24. Use a torque wrench. Tighten it to 60 nm torque.

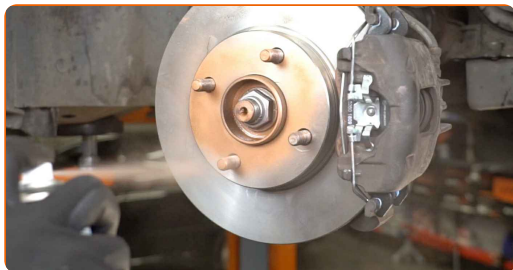


**19** Treat the fastener connecting the tie rod end to the steering knuckle. Use copper grease.

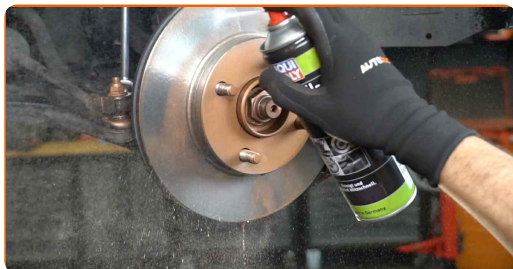


**20** Clean the wheel rim mounting seat. Use a wire brush.

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



**22** Clean the brake disk surface. Use a brake cleaner.





**AUTODOC recommends:**

- Replacement: track rod end – Hyundai Santa Fe CM. After applying the spray, wait a few minutes.

**23**

Install the wheel.



**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. Hyundai Santa Fe CM

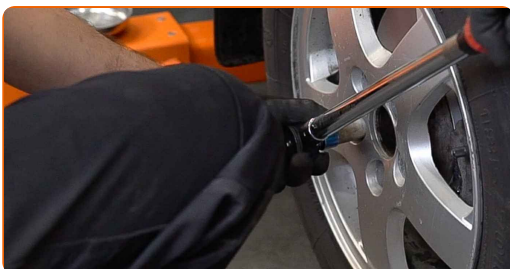
**24**

Screw in the wheel bolts. Use wheel impact socket #21.



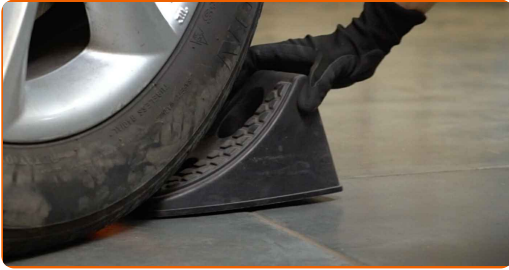
**25**

Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #21. Use a torque wrench. Tighten it to 108 Nm torque.



26

Remove the jacks and chocks.



**WELL DONE!** 

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