



How to change rear coil
springs on **Hyundai**
Santa Fe CM –
replacement guide

VIDEO TUTORIAL



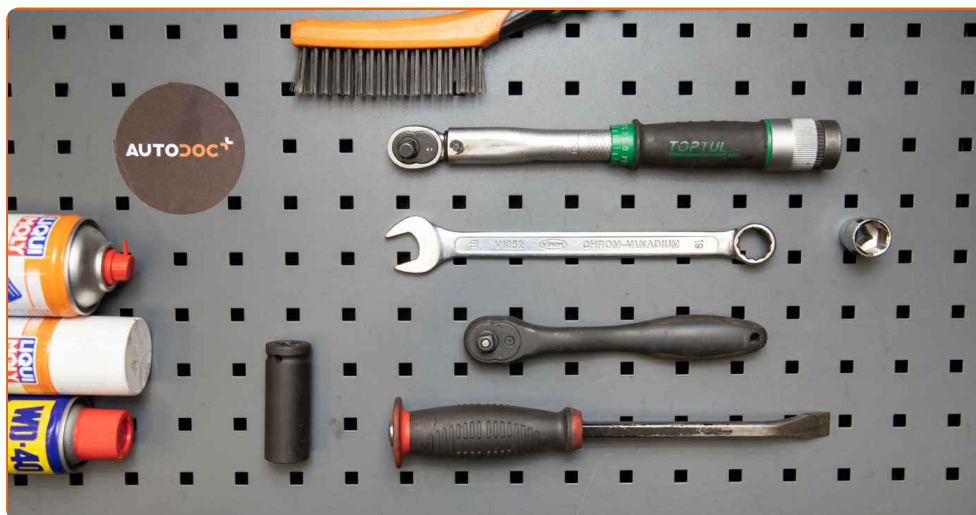
i Important!

This replacement procedure can be used for:

HYUNDAI SANTA FÉ II (CM) 2.7, HYUNDAI SANTA FÉ II (CM) 2.2 CRDi, HYUNDAI SANTA FÉ II (CM) 2.7 V6 GLS, HYUNDAI SANTA FÉ II (CM) 2.2 CRDi GLS

The steps may slightly vary depending on the car design.

REPLACEMENT: COIL SPRINGS – HYUNDAI SANTA FE CM. TOOLS YOU NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torque wrench
- Combination spanner #19
- Drive socket # 19
- Wheel impact socket #21
- Ratchet wrench
- Hydraulic transmission jack
- Crow bar
- Wheel chock

BUY TOOLS

Replacement: coil springs – Hyundai Santa Fe CM. AUTODOC recommends:

- Both coil springs of the rear suspension should be replaced simultaneously.
- The replacement procedure is identical for the left and right coil springs of the rear suspension.
- 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 rear of the car and secure on supports.



4

Unscrew the wheel bolts.



AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. Hyundai Santa Fe CM

5

Remove the wheel.



6

Support the arm. Use a hydraulic transmission jack.



7

Clean the control arm fasteners. Use a wire brush. Use WD-40 spray.

- 8 Unscrew the front arm fastener. Use a combination spanner #19. Use a drive socket #19. Use a ratchet wrench.



- 9 Remove the front fastener of the control arm.

- 10 Detach the control arm.

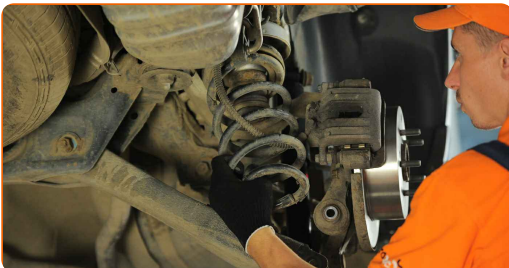
- 11 Remove the support from under the arm.



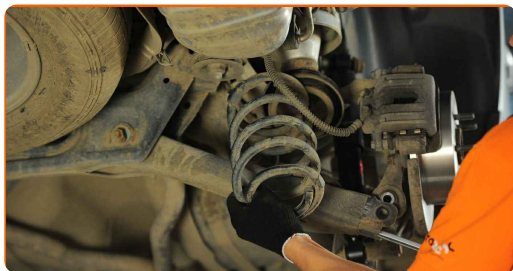
AUTODOC recommends:

- Replacement: coil springs – Hyundai Santa Fe CM. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

- 12 Pull down the suspension control arm. Use a crowbar.



13 Take out the spring.

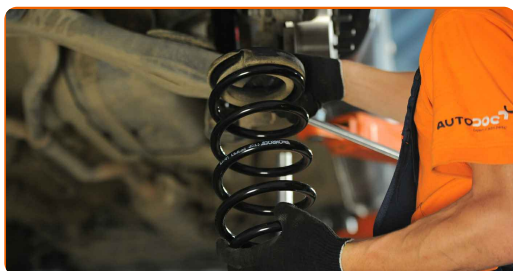


14 Remove the rubber spring spacer.

Replacement: coil springs – Hyundai Santa Fe CM. Professionals recommend:

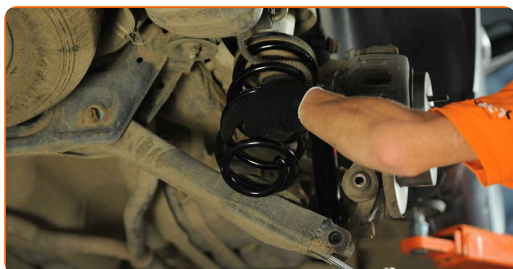
- Inspect the rubber mounts of the suspension spring. Replace if necessary.

15 Install the rubber spacer on the new coil spring.

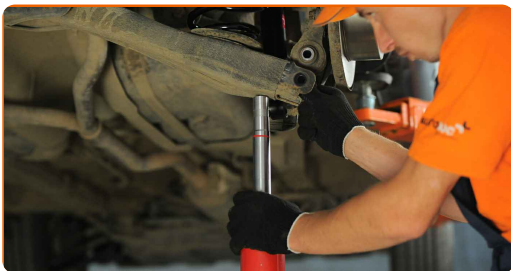


16 Pull down the suspension control arm. Use a crowbar.

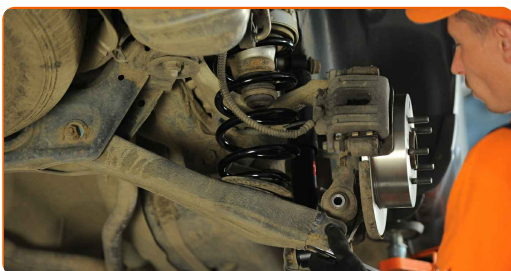
17 Install the coil spring together with the rubber mounts into the mounting seats.



- 18** Support the arm. Use a hydraulic transmission jack.



- 19** Attach the control arm.

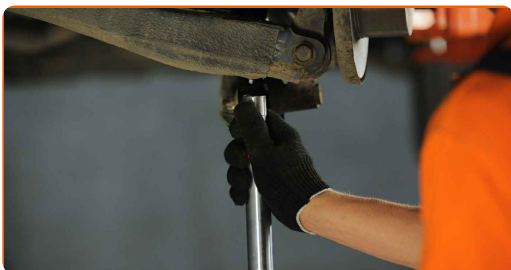


- 20** Install the front fastener of the arm.

- 21** Tighten the lower arm fastener. Use a combination spanner #19. Use a drive socket #19. Use a torque wrench. Tighten it to 118 Nm torque.



- 22** Remove the support from under the arm.



AUTODOC recommends:

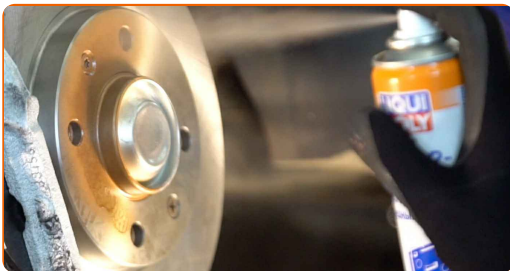
- Replacement: coil springs – Hyundai Santa Fe CM. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

23

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

24

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

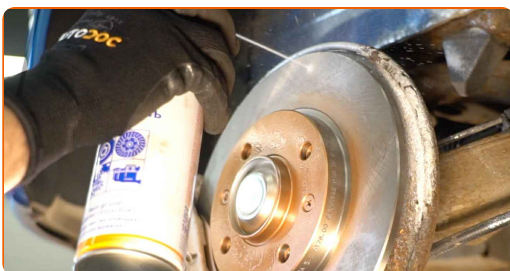


AUTODOC recommends:

- Replacement: coil springs – Hyundai Santa Fe CM. After applying the spray, wait a few minutes.

25

Clean the brake disk surface. Use a brake cleaner.



Replacement: coil springs – Hyundai Santa Fe CM. Tip from AUTODOC experts:

- After applying the spray, wait a few minutes.

26

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

27

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



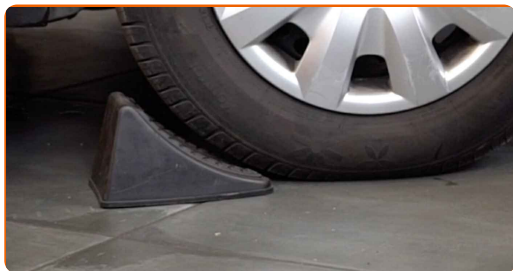
28

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.



29

Remove the jacks and chocks.

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