



How to change front
lower arm on **Hyundai**
Santa Fe CM –
replacement guide

VIDEO TUTORIAL



Important!

This replacement procedure can be used for:

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) 2.4 4x4

The steps may slightly vary depending on the car design.

REPLACEMENT: FRONT LOWER ARM – HYUNDAI SANTA FE CM. TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torque wrench
- Combination spanner #19
- Drive socket # 18
- Drive socket # 19
- Wheel impact socket #21
- Ratchet wrench
- Hammer
- Pin punch
- Crow bar
- Hydraulic transmission jack
- Wheel chock

BUY TOOLS

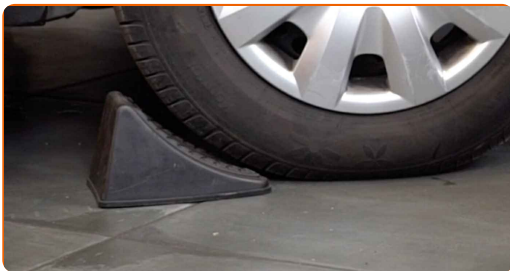
Replacement: front lower arm – Hyundai Santa Fe CM. AUTODOC experts recommend:

- The replacement procedure is identical for the left and right lower control arms.
- 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.

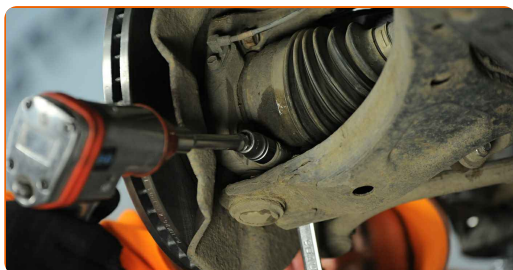


6

Clean the fastener connecting the ball joint to the steering knuckle. Use a wire brush. Use WD-40 spray.

7

Unscrew the ball joint fastening to the steering knuckle. Use a combination spanner #19. Use a drive socket #18. Use a ratchet wrench.

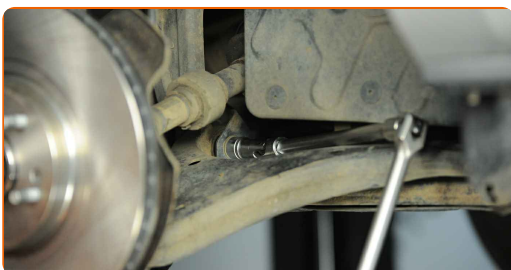


8 Remove the fastening bolt. Use a pin punch. Use a hammer.

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

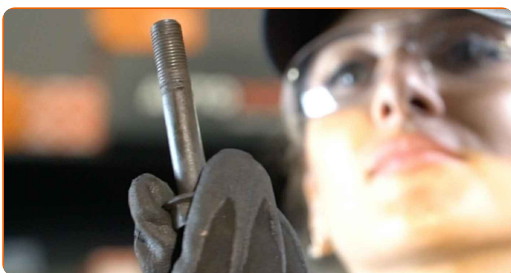


10 Unscrew the rear fastener connecting the control arm to the subframe. Use a combination spanner #19. Use a drive socket #19. Use a ratchet wrench.



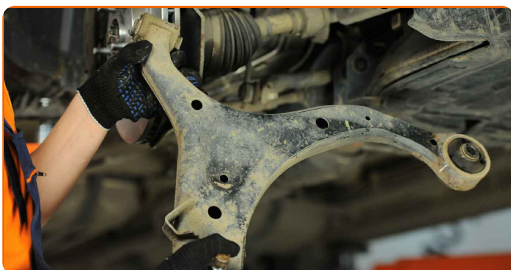
11 Disconnect the ball joint from the steering knuckle. Use a hammer.

12 Remove the rear fastener of the control arm.

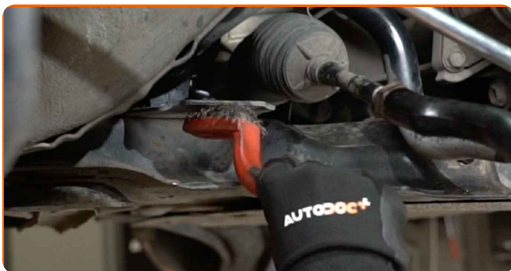


13 Remove the front fastener of the control arm.

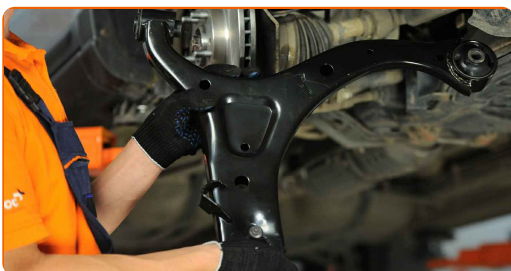
14 Remove the arm. Use a crowbar.



15 Clean the mounting seats and the thread of the suspension arm. Use a wire brush. Use WD-40 spray.



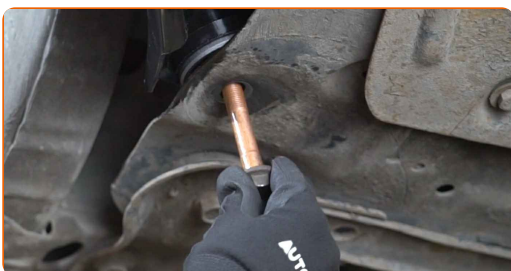
16 Install a new arm. Use a crowbar.



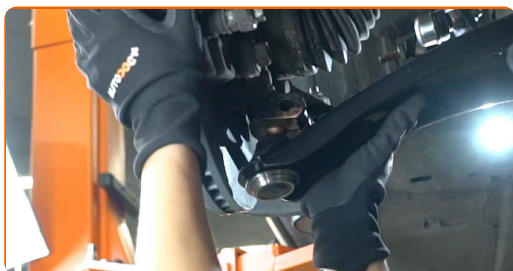
Replacement: front lower arm – Hyundai Santa Fe CM. AUTODOC experts recommend:

- During the installation process, use only new bolts and nuts.
- Do not damage the ball joint cover.

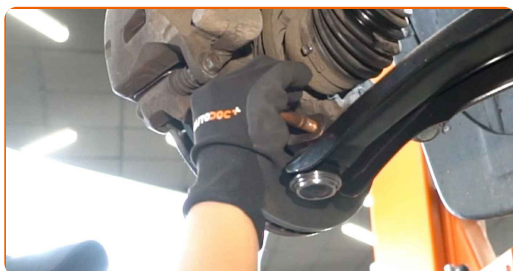
17 Install the control arm fasteners.



18 Connect the ball joint to the steering knuckle. Use a hammer.

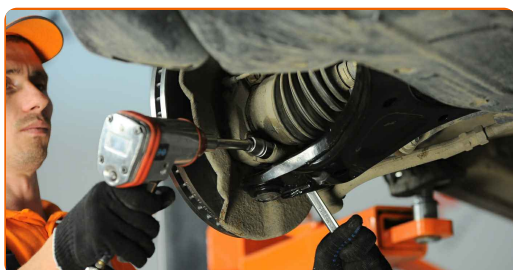


19 Install the fastening bolt. Use a hammer.

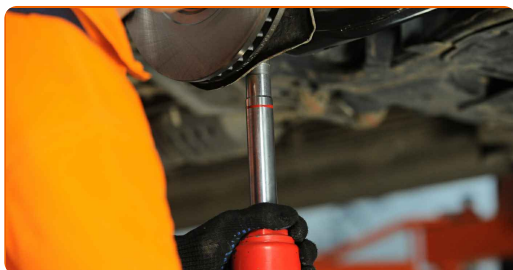


20 Screw the fastener connecting the ball joint to the steering knuckle. Use a combination spanner #19. Use a drive socket #18. Use a ratchet wrench.

21 Tighten the fastener connecting the ball joint to the steering knuckle. Use a combination spanner #19. Use a drive socket #18. Use a torque wrench. Tighten it to 98 Nm torque.



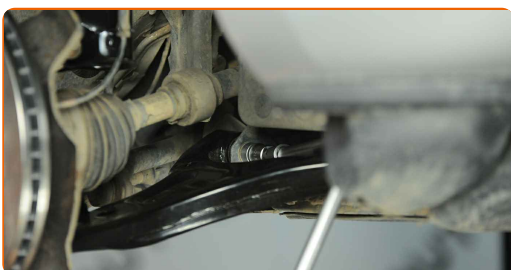
22 Support the arm. Use a hydraulic transmission jack.



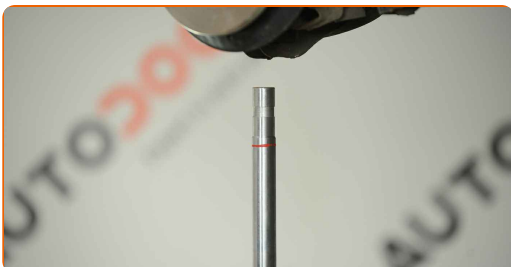
- 23** Tighten the front fastener connecting the control arm to the subframe. Use a combination spanner #19. Use a drive socket #19. Use a torque wrench. Tighten it to 150 Nm torque.



- 24** Tighten the rear fastener connecting the arm to the body subframe. Use a combination spanner #19. Use a drive socket #19. Use a torque wrench. Tighten it to 150 Nm torque.



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



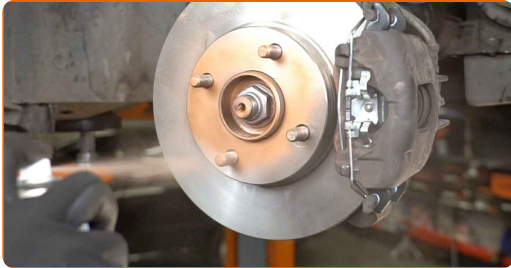
AUTODOC recommends:

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

- 26** Treat all joints of the arm. Use copper grease.

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

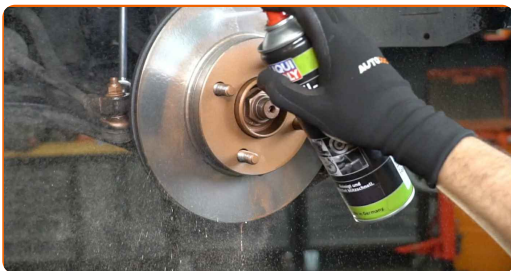
28 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



AUTODOC recommends:

- After applying the spray, wait a few minutes.

29 Clean the brake disk surface. Use a brake cleaner.



Replacement: front lower arm – Hyundai Santa Fe CM. Tip from AUTODOC:

- After applying the spray, wait a few minutes.

30 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

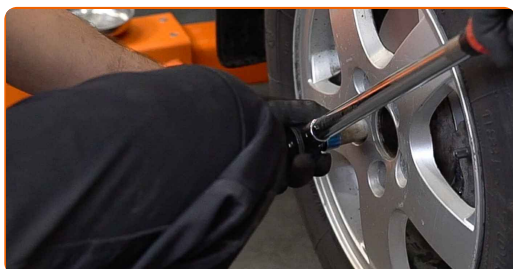
31

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



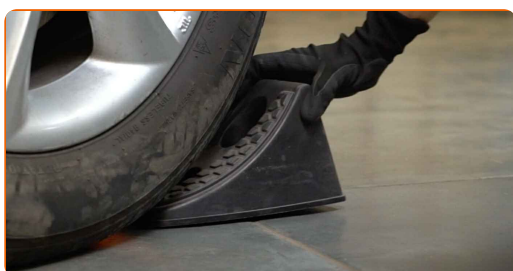
32

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.



33

Remove the jacks and chocks.



WELL DONE! 

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