



How to change rear
brake discs on **Hyundai**
Santa Fe CM –
replacement guide

VIDEO TUTORIAL

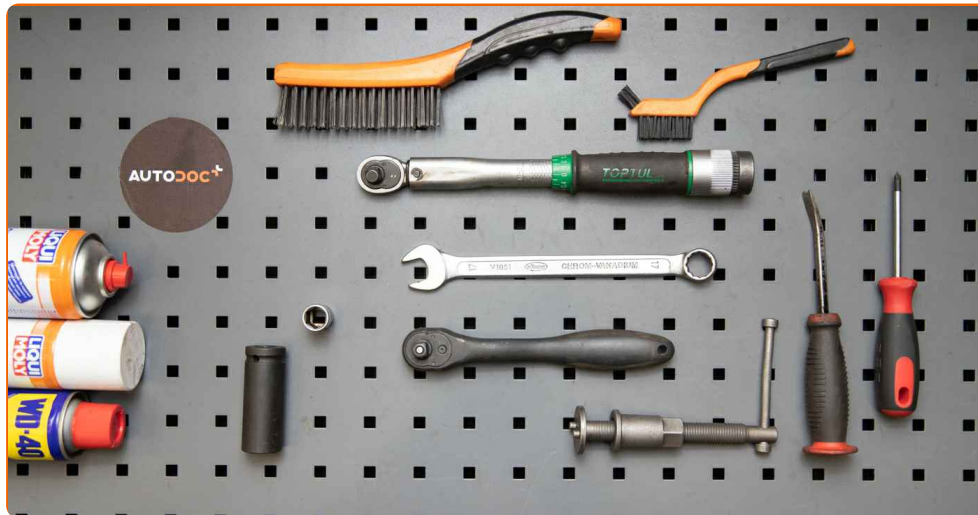
** Important!**

This replacement procedure can be used for:

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) 2.0 CRDi 4x4

The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE DISCS – HYUNDAI SANTA FE
CM. TOOLS YOU MIGHT NEED:



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torque wrench
- Combination spanner #17
- Drive socket # 14
- Wheel impact socket #21
- Ratchet wrench
- Phillips screwdriver
- Brake caliper wind back tool
- Crow bar
- Wheel chock

BUY TOOLS

AUTODOC recommends:

- Replace the brake disks on the car Hyundai Santa Fe CM in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- 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

Open the hood. Unscrew the brake fluid reservoir cap.



2

Secure the wheels with chocks.



3 Loosen the wheel mounting bolts. Use wheel impact socket #21.



4 Raise the rear of the car and secure on supports.



5 Unscrew the wheel bolts.



AUTODOC recommends:

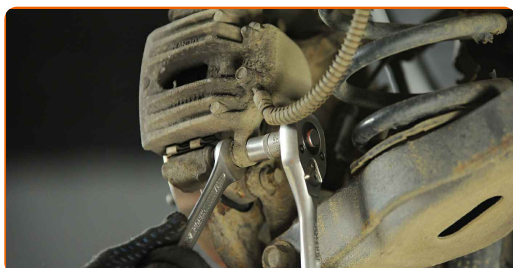
- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.
Hyundai Santa Fe CM

6 Remove the wheel.



7 Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.

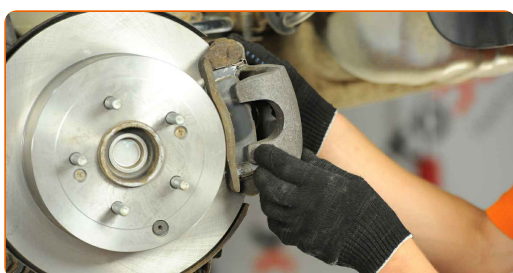
8 Unscrew the brake caliper fastening. Use a combination spanner #17. Use a drive socket #14. Use a ratchet wrench.



9 Remove the guide pins from the old brake caliper.

10 Spread the brake pads. Use a crowbar.

11 Remove the brake caliper. Use a crowbar.

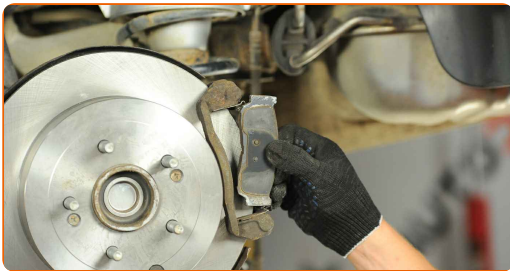


Replacement: brake discs – Hyundai Santa Fe CM. AUTODOC recommends:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

12

Remove the brake pads.

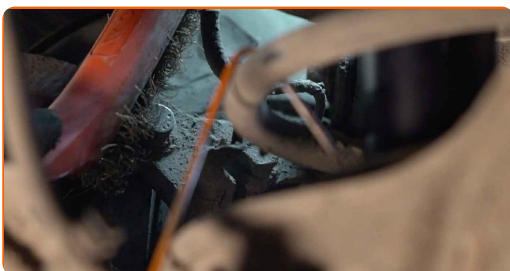


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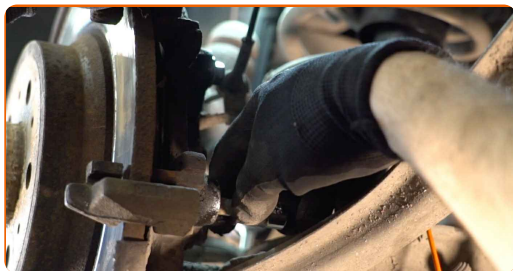
Remove the brake pads retaining clips.

14

Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.

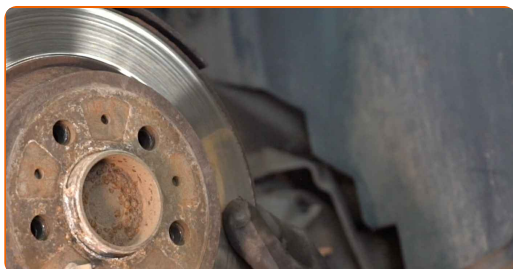


15 Unscrew the caliper bracket fastening. Use a drive socket #14. Use a ratchet wrench.



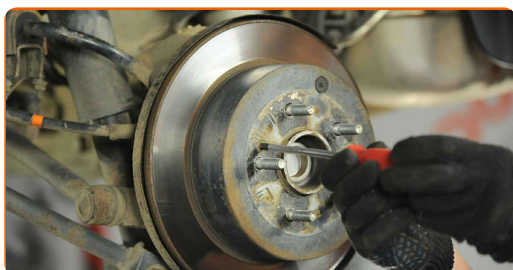
16 Remove the fastening bolts.

17 Remove the caliper bracket.



18 Clean the brake disc fasteners. Use a wire brush. Use WD-40 spray.

19 Unscrew the brake disc mounting bolts and remove it. Use a Phillips screwdriver.



20 Clean the hub. Use a wire brush. Treat the contacting surface. Use WD-40 spray.



21

Install the new brake disc on the hub and screw in the mounting bolts. Use a Phillips screwdriver. Use a torque wrench. Tighten it to 6 Nm torque.



22

Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.



AUTODOC recommends:

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

23

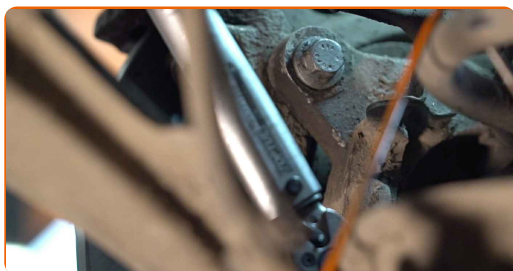
Install the brake caliper bracket.



24

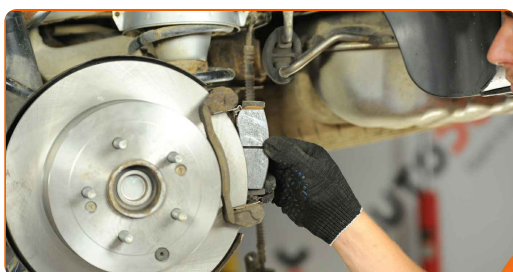
Install the fastening bolts.

25 Tighten the brake caliper bracket. Use a drive socket #14. Use a torque wrench. Tighten it to 80 Nm torque.

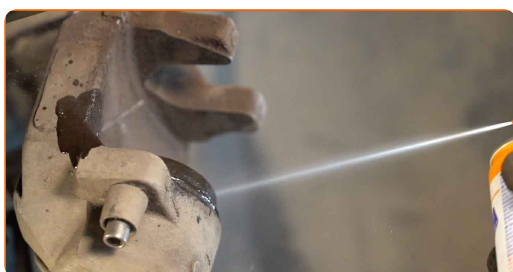


26 Install the brake pads retaining clips.

27 Install the brake pads.



28 Treat the brake caliper piston. Use a nylon cleaning brush. Use a brake cleaner.



Replacement: brake discs – Hyundai Santa Fe CM. Tip:

- After applying the spray, wait a few minutes.

29 Press in the brake caliper piston. Use brake caliper wind back tool.

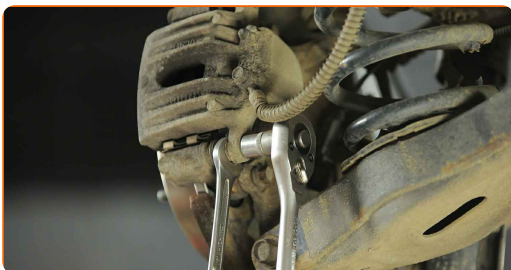


30 Install the brake caliper and fix it.

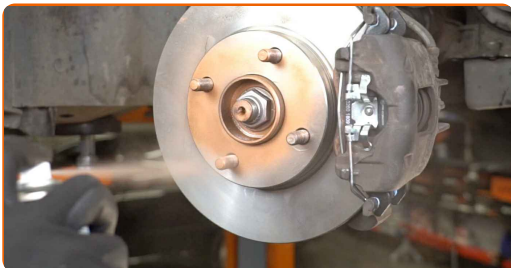


31 Screw in the guide pins.

32 Tighten the brake caliper fasteners. Use a combination spanner #17. Use a drive socket #14. Use a torque wrench. Tighten it to 30 Nm torque.

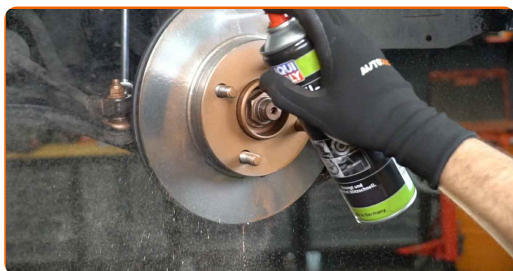


33 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



34

Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

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

35

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

36

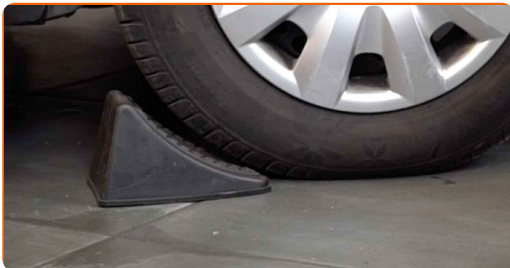
Screw in the wheel bolts. Use wheel impact socket #21.



- 37** 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.



- 38** Remove the jacks and chocks.



Replacement: brake discs – Hyundai Santa Fe CM. Professionals recommend:

- Check the brake fluid level in the expansion tank and refill if necessary.
- Without starting the engine, press the brake pedal several times until you feel significant resistance.

39

Tighten the brake fluid reservoir cap. Close the hood.



WELL DONE! 

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