



How to change rear
wheel bearing on
HYUNDAI Santa Fé III
(DM) – replacement
guide

SIMILAR VIDEO TUTORIAL



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

i Important!

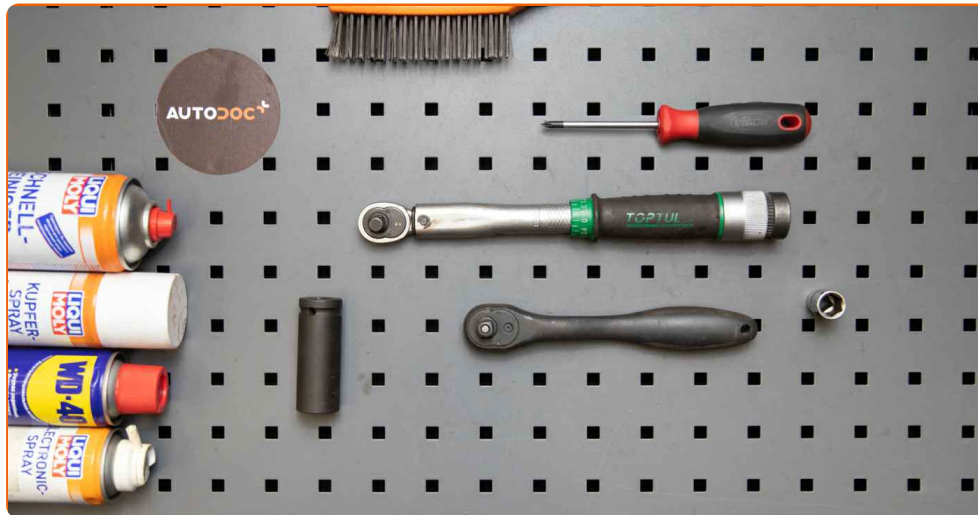
This replacement procedure can be used for:

HYUNDAI Santa Fé III (DM) 2.4, HYUNDAI Santa Fé III (DM) 2.0 CRDi, HYUNDAI Santa Fé III (DM) 2.2 CRDi, HYUNDAI Santa Fé III (DM) 2.0, HYUNDAI Santa Fé III (DM) 2.4 GDI, HYUNDAI Santa Fé III (DM) 2.4 CCVT, HYUNDAI Santa Fé III (DM) 2.0 GDi, HYUNDAI Santa Fé III (DM) 2.0 GDi 4WD

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: HYUNDAI SANTA FÉ II (CM) 2.2 CRDi

REPLACEMENT: WHEEL BEARING – HYUNDAI SANTA FÉ III (DM). TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- All-purpose cleaning spray
- Electronic spray
- Copper grease
- Torque wrench
- Drive socket # 14
- Wheel impact socket #21
- Ratchet wrench
- Phillips screwdriver
- Wheel chock

Buy tools

AUTODOC recommends:

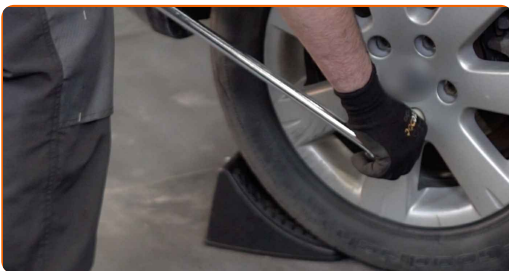
- Do not re-use the bearing assembly of your HYUNDAI Santa Fé III (DM) car.
- The wheel hub bearing replacement procedure is identical for both wheels on the same axle.
- Please note: all work on the car – HYUNDAI Santa Fé III (DM) – should be done with the engine switched off.

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:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.
HYUNDAI Santa Fé III (DM)

5

Remove the wheel.

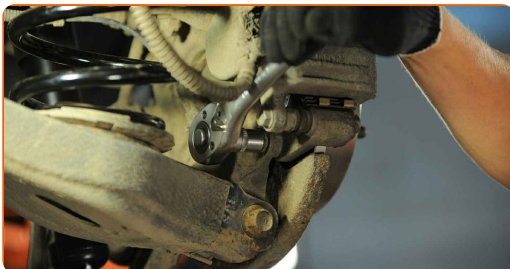


6

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

7

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



8

Remove the brake caliper together with its bracket.



Replacement: wheel bearing – HYUNDAI Santa Fé III (DM). Tip from AUTODOC:

- 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.

9

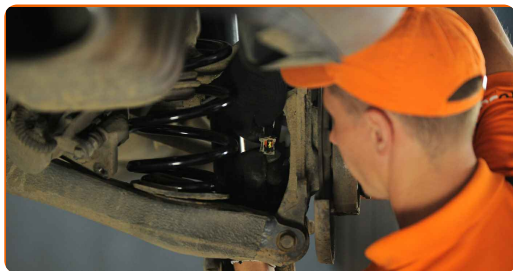
Clean the brake disc fasteners. Use a wire brush. Use WD-40 spray.

10

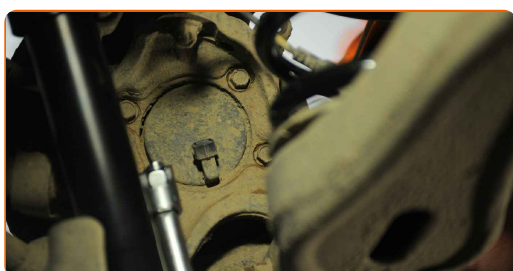
Unscrew the brake disc mounting bolts and remove it. Use a Phillips screwdriver.



11 Detach the ABS sensor connector.

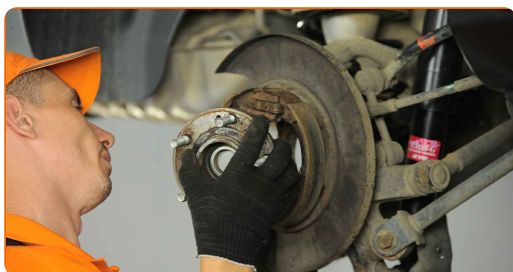


12 Unscrew the fastener that connects the wheel hub bearing to the steering knuckle. Use a drive socket #14. Use a ratchet wrench.



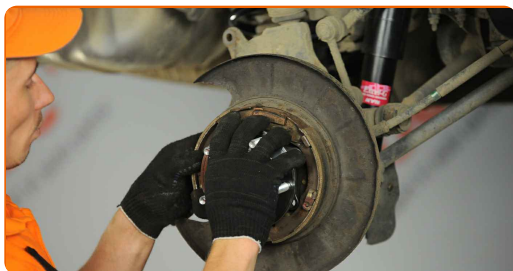
13 Remove the fastening bolts.

14 Remove the hub and the bearing together, since they are a sealed unit.



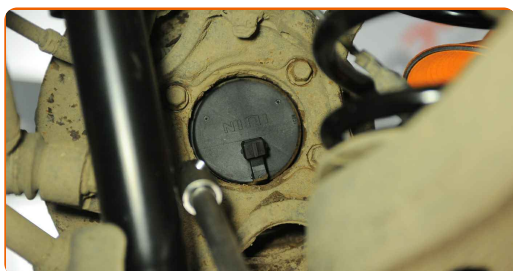
15 Clean the wheel hub mounting seat. Use all-purpose cleaning spray.

16 Install the new wheel hub together with the bearing.



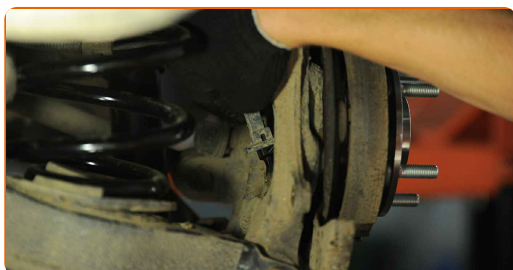
17 Remove the fastening bolts.

- 18 Tighten the fastener of the wheel hub bearing. Use a drive socket #14. Use a torque wrench. Tighten it to 85 Nm torque.



- 19 Treat the ABS sensor connector. Use dielectric grease.

- 20 Attach the ABS sensor connector.



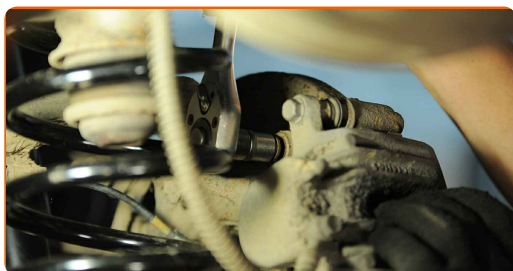
- 21 Install the new brake disc on the hub and screw in the mounting bolts. Use a Phillips screwdriver.



- 22 Install the brake caliper together with its bracket.



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

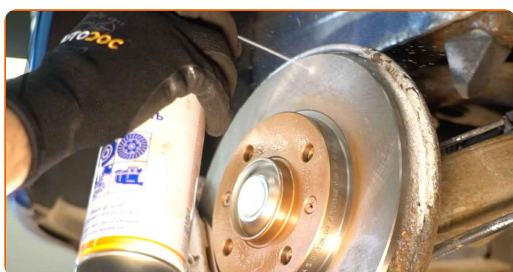


24 Clean the wheel rim mounting seat. Use a wire brush.

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



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



AUTODOC recommends:

- Replacement: wheel bearing – HYUNDAI Santa Fé III (DM). After applying the spray, wait a few minutes.

27

Install the wheel.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. HYUNDAI Santa Fé III (DM)

28

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



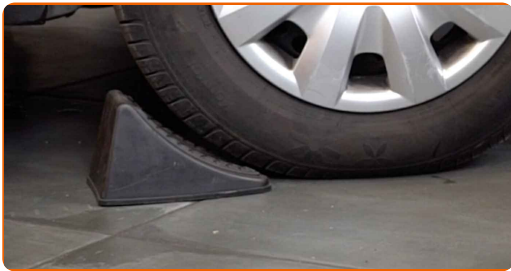
29

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.



30

Remove the jacks and chocks.



WELL DONE! 

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WHEEL BEARING: A WIDE SELECTION

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