



How to change front
brake pads on **KIA**
Sorento JC –
replacement guide

VIDEO TUTORIAL



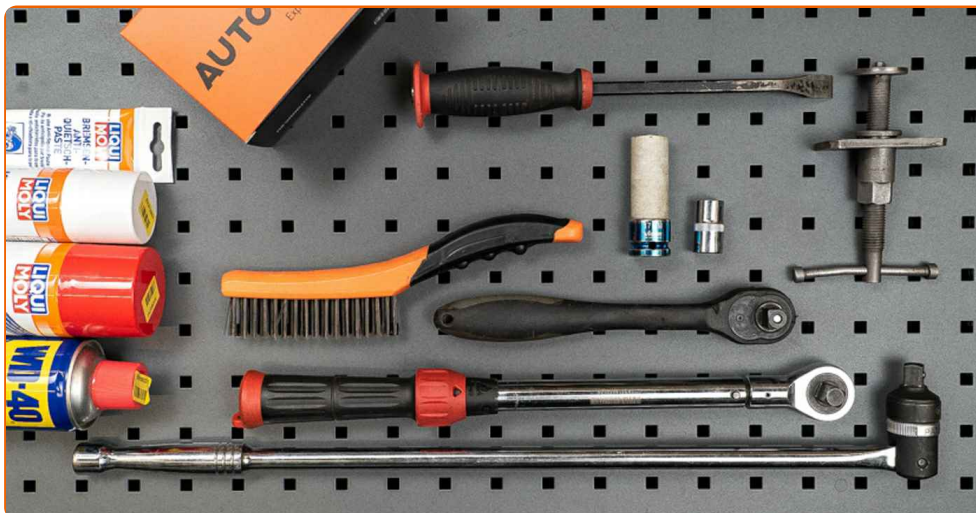
i Important!

This replacement procedure can be used for:

KIA SORENTO I (JC) 2.4, KIA SORENTO I (JC) 3.5 V6, KIA SORENTO I (JC) 2.5 CRDi,
KIA SORENTO I (JC) 3.3 V6

The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE PADS – KIA SORENTO JC. TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Anti-squeal paste
- Copper grease
- Drive socket # 14
- Wheel impact socket #21
- Ratchet wrench
- Torque wrench
- Brake caliper wind back tool
- Crow bar
- Wheel chock

[BUY TOOLS](#)

Replacement: brake pads – KIA Sorento JC. AUTODOC experts recommend:

- Perform the replacement of brake pads in complete set for each axis. This provides effective braking.
- The replacement procedure is identical for all brake pads on the same axle.
- Please note: all work on the car – KIA Sorento JC – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1

Open the bonnet. 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 front of the car and secure on supports.

5 Unscrew the wheel bolts.



AUTODOC recommends:

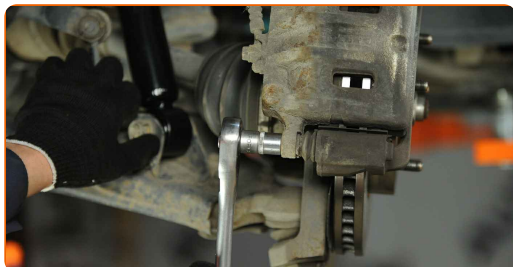
- Important! Hold the wheel while unscrewing the fastening bolts. KIA Sorento JC

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 drive socket #14. Use a ratchet wrench.



9 Remove the fastening bolts (2 pieces).

10

Spread the brake pads. Use a crowbar.



11

Remove the brake caliper.

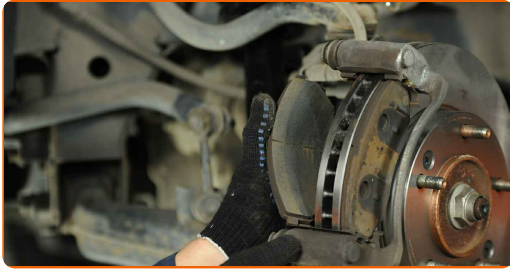


Replacement: brake pads – KIA Sorento JC. AUTODOC experts recommend:

- 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. Use a crowbar.



Replacement: brake pads – KIA Sorento JC. Professionals recommend:

- Measure the brake disc thickness. Upon reaching the wear limit the part must be replaced.

13

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



AUTODOC recommends:

- Replacement: brake pads – KIA Sorento JC. After applying the spray, wait a few minutes.

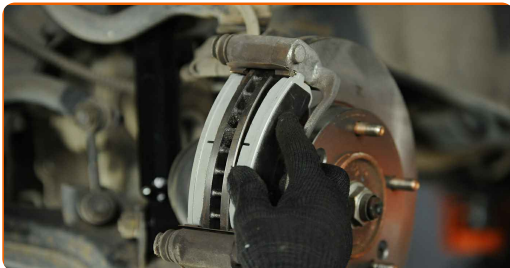
- 14 Treat the brake pads in the area where their surface comes into contact with the brake caliper bracket. Use anti-squeal paste.



Replacement: brake pads – KIA Sorento JC. Professionals recommend:

- Make sure the disc surface is clean before installing the pads.

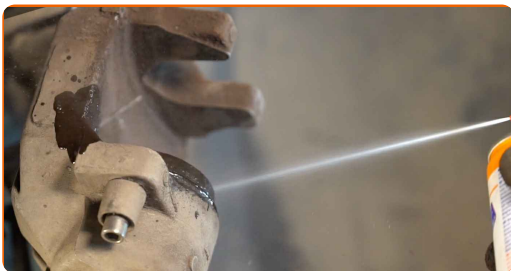
- 15 Install new brake pads.



Replacement: brake pads – KIA Sorento JC. AUTODOC experts recommend:

- Make sure the pads are installed with linings facing the disc.

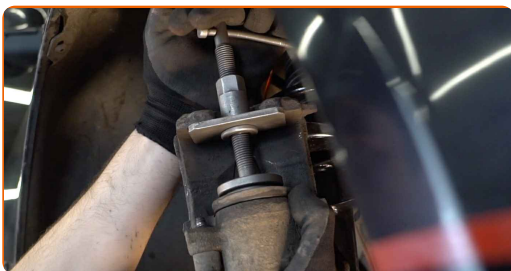
- 16 Treat the brake caliper piston. Use a brake cleaner.



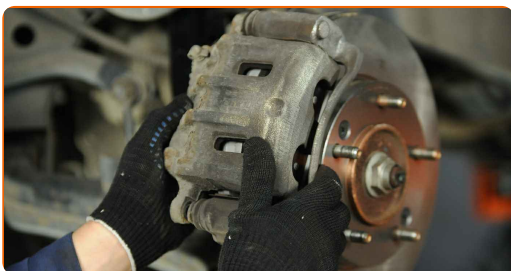
AUTODOC recommends:

- Replacement: brake pads – KIA Sorento JC. After applying the spray, wait a few minutes.

- 17 Press in the brake caliper piston. Use brake caliper wind back tool.



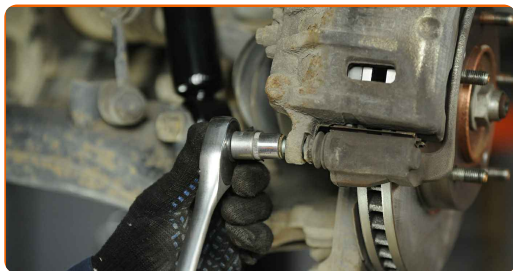
- 18 Install the brake caliper and fix it.



- 19 Install the fastening bolts (2 pieces).

20

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

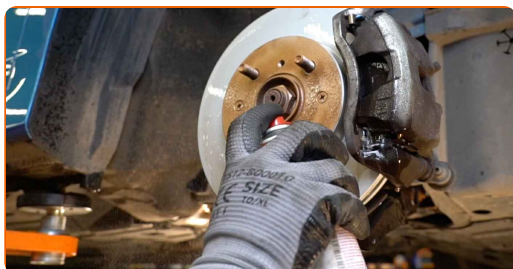


21

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

22

Clean the brake disc surface. Use a brake cleaner.



Replacement: brake pads – KIA Sorento JC. Tip from AUTODOC experts:

- 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. KIA Sorento JC

24

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



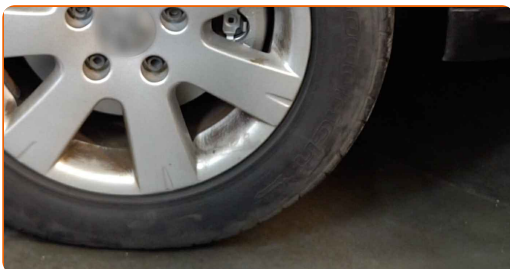
25

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 120 nm torque.



26

Remove the jacks and chocks.



Replacement: brake pads – KIA Sorento JC. AUTODOC recommends:

- Check the brake fluid level in the expansion tank and refill if necessary.

27

Tighten the brake fluid reservoir cap. Close the hood.



Replacement: brake pads – KIA Sorento JC. Tip:

- Without starting the engine, press the brake pedal several times until you feel significant resistance.
- Slow down smoothly for first 150-200 km after the brake pads replacement. Avoid unnecessary and sharp braking to a stop.

WELL DONE! 

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