



How to change front  
brake pads on **HYUNDAI**  
**GENESIS (BH)** –  
replacement guide

### SIMILAR VIDEO TUTORIAL



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

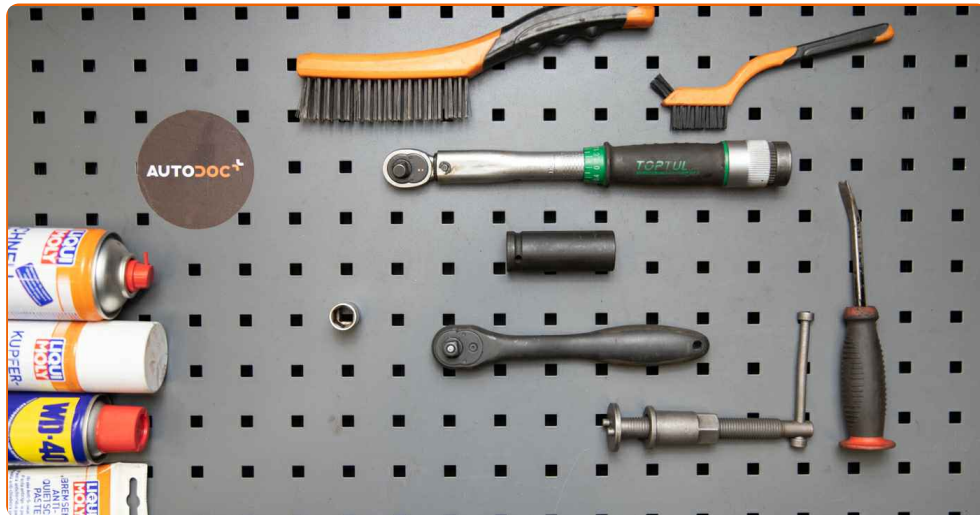
#### **Important!**

This replacement procedure can be used for:  
HYUNDAI GENESIS (BH) 3.8 V6

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: BRAKE PADS – HYUNDAI GENESIS (BH). LIST OF THE TOOLS YOU'LL NEED:**



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

**Buy tools**

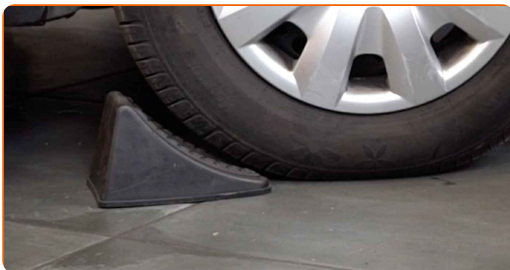
Replacement: brake pads – HYUNDAI GENESIS (BH). AUTODOC experts recommend:

- 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 – HYUNDAI GENESIS (BH) – 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 front of the car and secure on supports.

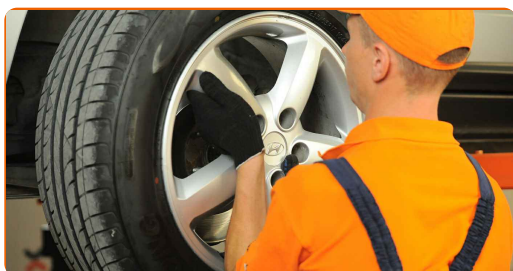
**5** Unscrew the wheel bolts.



**AUTODOC recommends:**

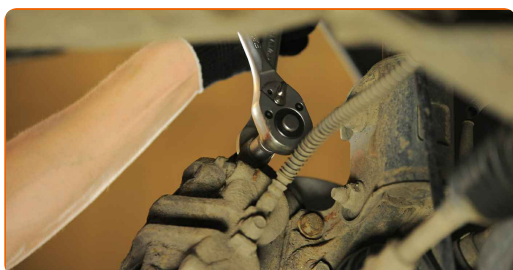
- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.  
HYUNDAI GENESIS (BH)

**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 guide pins from the old brake caliper.

**10**

Spread the brake pads. Use a crowbar.

**11**

Remove the brake caliper.



**Replacement: brake pads – HYUNDAI GENESIS (BH). 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.

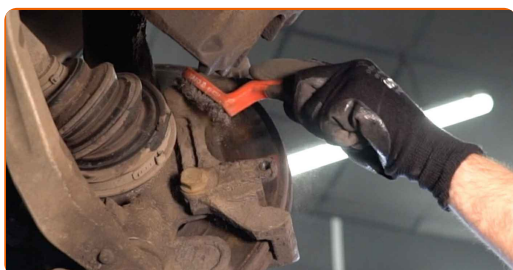


Replacement: brake pads – HYUNDAI GENESIS (BH). Tip from AUTODOC:

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

**13** Remove the brake pads retaining clips.

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



AUTODOC recommends:

- Replacement: brake pads – HYUNDAI GENESIS (BH). After applying the spray, wait a few minutes.

**15** 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 – HYUNDAI GENESIS (BH). Professionals recommend:

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

16

Install new brake pads.



Replacement: brake pads – HYUNDAI GENESIS (BH). AUTODOC experts recommend:

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

17

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



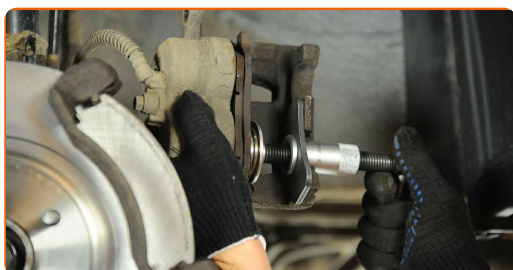


**AUTODOC recommends:**

- Replacement: brake pads – HYUNDAI GENESIS (BH). After applying the spray, wait a few minutes.

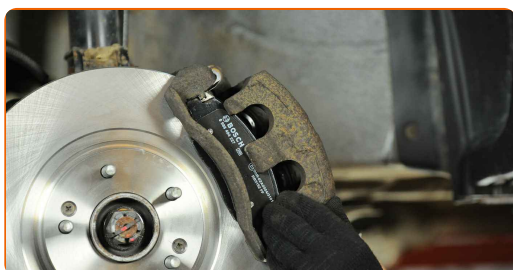
**18**

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



**19**

Install the brake caliper and fix it.

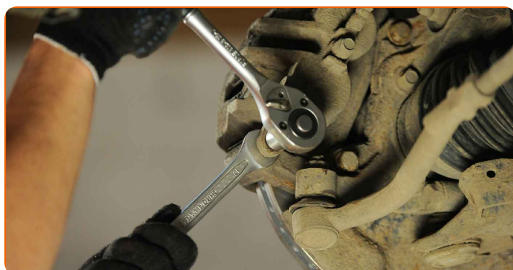


**20**

Screw in the guide pins.

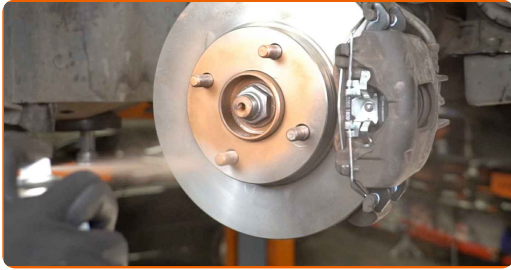
**21**

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.



**22**

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



**23**

Clean the brake disk surface. Use a brake cleaner.



Replacement: brake pads – HYUNDAI GENESIS (BH). Tip from AUTODOC experts:

- After applying the spray, wait a few minutes.

**24**

Install the wheel.



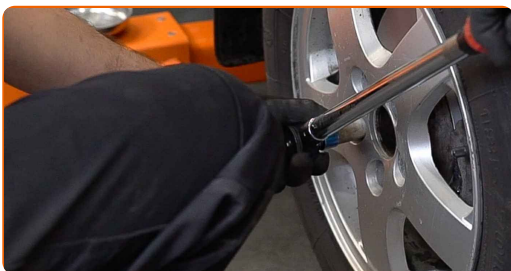
AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. HYUNDAI GENESIS (BH)

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



**26** 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.



**27** Remove the jacks and chocks.



**Replacement: brake pads – HYUNDAI GENESIS (BH). Tip:**

- 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.

**28** Tighten the brake fluid reservoir cap. Close the hood.

Replacement: brake pads – HYUNDAI GENESIS (BH). Professionals recommend:

- 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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