



How to change front  
brake pads on  
**VAUXHALL Nova Saloon**  
**(S83)** – 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:

VAUXHALL Nova Saloon (S83) 1.0, VAUXHALL Nova Saloon (S83) 1.2 S, VAUXHALL Nova Saloon (S83) 1.3 S, VAUXHALL Nova Saloon (S83) 1.4 S, VAUXHALL Nova Saloon (S83) 1.4, VAUXHALL Nova Saloon (S83) 1.2

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: OPEL Corsa B Hatchback (S93) 1.4 i (F08, F68, M68)

REPLACEMENT: BRAKE PADS – VAUXHALL NOVA SALOON (S83). LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- Nylon cleaning brush
- Brake cleaner
- Anti-squeal paste
- High-temperature ceramic grease
- Torque wrench
- HEX bit No.H7
- Wheel impact socket #17
- Ratchet wrench
- Brake caliper wind back tool
- Crow bar
- Wheel chock

**Buy tools**

Replacement: brake pads – VAUXHALL Nova Saloon (S83). 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 – VAUXHALL Nova Saloon (S83) – 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 #17.



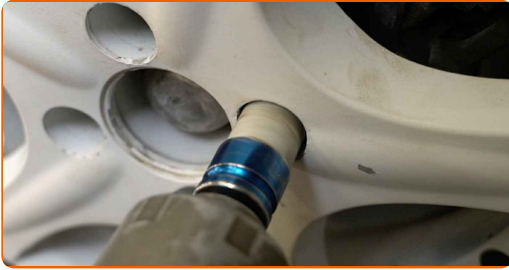
- 4 Raise the car.

### AUTODOC recommends:

- If you are using a jack, make sure it rests on a flat surface without any unevenness.
- Be sure to additionally secure the car with jack stands.

5

Unscrew the wheel bolts.



**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.  
VAUXHALL Nova Saloon (S83)

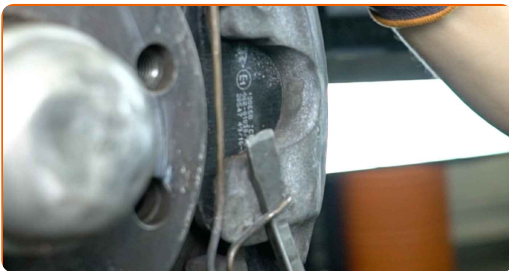
6

Remove the wheel.



7

Detach the brake caliper retaining spring. Use a crowbar.



8

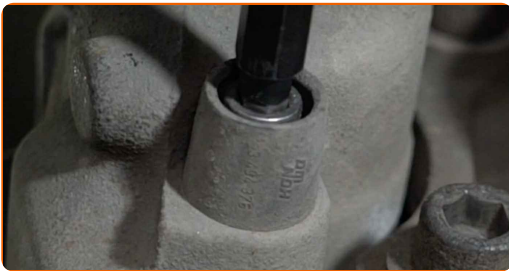
Spread the brake pads. Use a crowbar.



**9** Remove the dust boot caps of the brake caliper guide pins. Use a crowbar.



**10** Unscrew the brake caliper fastening. Use HEX No.H7. Use a ratchet wrench.



**11** Remove the brake caliper.



**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.

**12**

Remove the brake pads.



**AUTODOC recommends:**

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

**13**

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



**AUTODOC recommends:**

- Replacement: brake pads – VAUXHALL Nova Saloon (S83). After applying the spray, wait a few minutes.

**14**

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

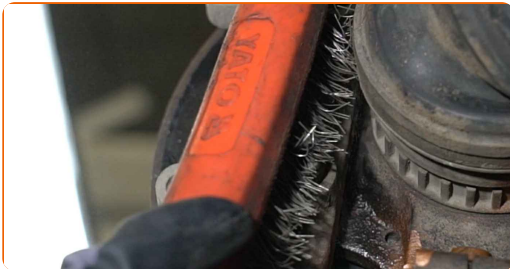


Replacement: brake pads – VAUXHALL Nova Saloon (S83). Tip from AUTODOC:

- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

15

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



AUTODOC recommends:

- After applying the spray, wait a few minutes.

16

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 – VAUXHALL Nova Saloon (S83). Tip:

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



**17** Install new brake pads.



Replacement: brake pads – VAUXHALL Nova Saloon (S83). AUTODOC recommends:

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

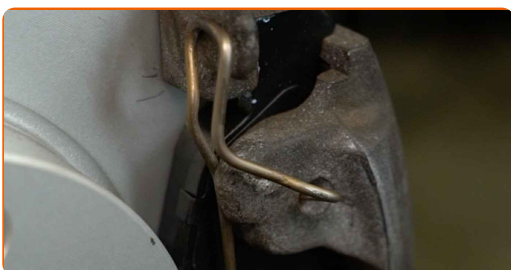
**18** Install the brake caliper and fix it. Use HEX No.H7. Use a torque wrench. Tighten it to 30 Nm torque.



**19** Install the dust boot caps of the brake caliper guide pins.



**20** Install the brake caliper retaining spring. Use a crowbar.



**21** Clean the wheel rim mounting seat. Use a wire brush.



**22** Treat the surface where the brake disc contacts the wheel rim. Use high-temperature ceramic grease.



**23** Clean the brake disk surface. Use a brake cleaner.



**AUTODOC recommends:**

- After applying the spray, wait a few minutes.

**24** Install the wheel.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. VAUXHALL Nova Saloon (S83)

25

Screw in the wheel bolts. Use wheel impact socket #17.



26

Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 110 Nm torque.



27

Remove the jacks and chocks.



## AUTODOC recommends:

- 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.

29 Close the hood.

## Replacement: brake pads – VAUXHALL Nova Saloon (S83). AUTODOC experts 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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