



How to change front
brake discs on
VAUXHALL Nova CC
(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 CC (S83) 1.0, VAUXHALL Nova CC (S83) 1.2 S, VAUXHALL Nova CC (S83) 1.4 S, VAUXHALL Nova CC (S83) 1.5 TD, VAUXHALL Nova CC (S83) 1.6 GSI, VAUXHALL Nova CC (S83) 1.2 i Cat, VAUXHALL Nova CC (S83) 1.2 N, VAUXHALL Nova CC (S83) 1.4 i, VAUXHALL Nova CC (S83) 1.4 i S, VAUXHALL Nova CC (S83) 1.6 GSI Cat

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 DISCS – VAUXHALL NOVA CC (S83). TOOLS YOU NEED:



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Brake cleaner
- Anti-squeal paste
- High-temperature ceramic grease
- Torque wrench
- HEX bit No.H7
- HEX bit No.H10
- Wheel impact socket #17
- Ratchet wrench
- Tap wrench
- Phillips Screwdriver
- Rubber mallet
- Impact screwdriver
- Brake caliper wind back tool
- Crow bar
- Wheel chock

Buy tools

AUTODOC recommends:

- Replace the brake disks on the car VAUXHALL Nova CC (S83) 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 – VAUXHALL Nova CC (S83) – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Open the bonnet.

2 Unscrew the brake fluid reservoir cap.

3 Secure the wheels with chocks.

4 Loosen the wheel mounting bolts. Use wheel impact socket #17.



5 Raise the car.

Replacement: brake discs – VAUXHALL Nova CC (S83). Tip from AUTODOC experts:

- 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.

6

Unscrew the wheel bolts.



AUTODOC recommends:

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

7

Remove the wheel.



8 Detach the brake caliper retaining spring. Use a crowbar.



9 Spread the brake pads. Use a crowbar.



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



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



12

Remove the brake caliper.



Replacement: brake discs – VAUXHALL Nova CC (S83). Professionals 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.

13

Remove the brake pads.



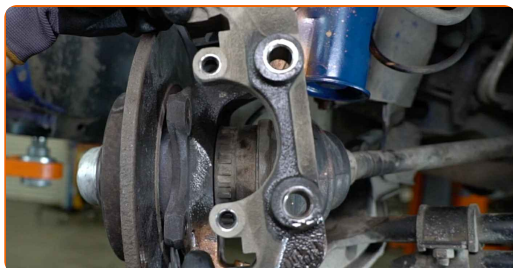
14 Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.



15 Unscrew the caliper bracket fastening. Use HEX No.H10. Use a ratchet wrench. Use a tap wrench.



16 Remove the caliper bracket.



17 Unscrew the brake disc fastening. Use a Phillips screwdriver. Use an impact screwdriver.



18

Remove the brake disc.



Replacement: brake discs – VAUXHALL Nova CC (S83). Tip from AUTODOC:

- If necessary, use a rubber mallet.

19

Clean the hub. Use a wire brush. Treat the contacting surface. Use high-temperature ceramic grease.



20

Install the brake disc.

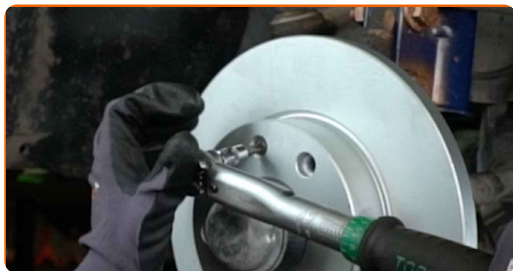


21

Screw in the brake disc fastener. Use a Phillips screwdriver.



22 Tighten the brake disc fastening. Use a Phillips screwdriver. Use a torque wrench. Tighten it to 7 Nm torque.



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



AUTODOC recommends:

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

24 Install the brake caliper bracket.



25

Tighten the brake caliper bracket. Use HEX No.H10. Use a torque wrench. Tighten it to 95 Nm torque.



26

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



AUTODOC recommends:

- After applying the spray, wait a few minutes.

27

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



AUTODOC recommends:

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

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



Replacement: brake discs – VAUXHALL Nova CC (S83). AUTODOC experts recommend:

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

- 29** Install the brake pads.



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



31 Install the dust boot caps of the brake caliper guide pins.



32 Install the brake caliper retaining spring. Use a crowbar.



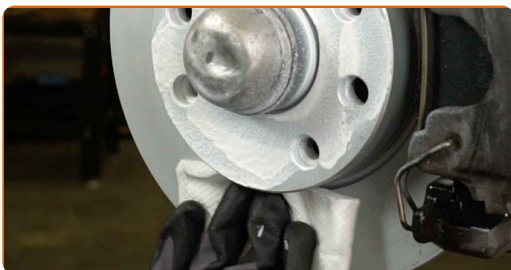
33 Clean the wheel rim mounting seat. Use a wire brush.



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



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



AUTODOC recommends:

- After applying the spray, wait a few minutes.

36

Install the wheel.



AUTODOC recommends:

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

37

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



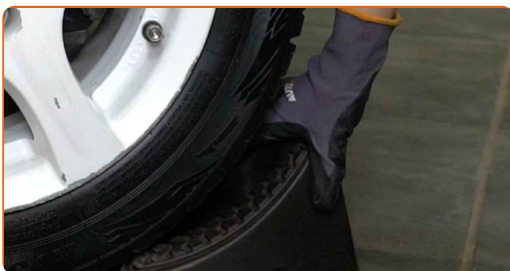
38

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.



39

Remove the jacks and chocks.



Replacement: brake discs – VAUXHALL Nova CC (S83). AUTODOC recommends:

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

40

Tighten the brake fluid reservoir cap. Close the hood.

WELL DONE! 

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BRAKE DISCS: A WIDE SELECTION

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