



How to change rear
shock absorbers 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) 1.3 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: SHOCK ABSORBERS – VAUXHALL NOVA CC (S83). TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Ceramic grease
- Copper grease
- Torque wrench
- Combination spanner #14
- Drive socket # 17
- Shock absorber socket # DD5,2
- Wheel impact socket #17
- Hydraulic transmission jack
- Wheel chock
- Fender cover

Buy tools

Replacement: shock absorbers – VAUXHALL Nova CC (S83). Tip from AUTODOC:

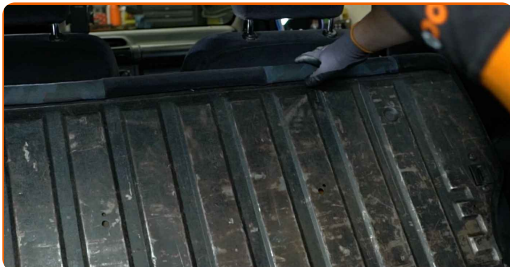
- Both shock absorbers of the rear suspension should be replaced simultaneously.
- The replacement procedure is identical for the left and right shock absorbers of the rear suspension.
- Please note: all work on the car – VAUXHALL Nova CC (S83) – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Open the boot lid.

2 Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.

3 Fold down the backrests of the rear seats.



4 Remove the cover of the boot side lining.



5 Remove the protective cap of the shock absorber mount.



6 Clean the shock absorber fasteners. Use a wire brush. Use WD-40 spray.



7 Loosen the upper fastener of the shock absorber. Use a combination spanner #14. Use a shock absorber socket DDN#5,2.



Replacement: shock absorbers – VAUXHALL Nova CC (S83). AUTODOC recommends:

- Do not completely unscrew the upper fasteners as they may hold also other suspension components.

8 Secure the wheels with chocks.

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



10 Raise the car.

Replacement: shock absorbers – VAUXHALL Nova CC (S83). AUTODOC experts recommend:

- 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.

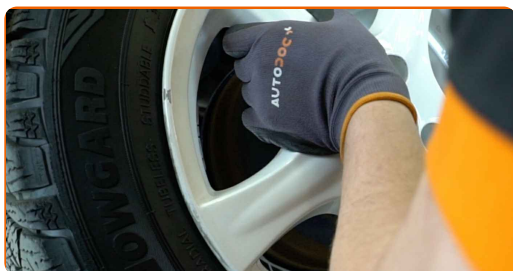
11 Unscrew the wheel bolts.



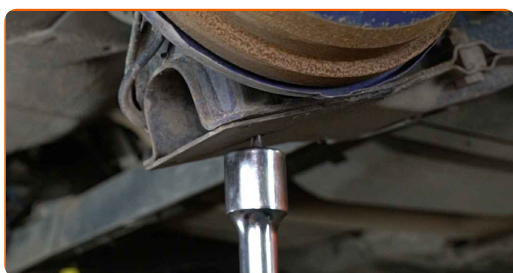
AUTODOC recommends:

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

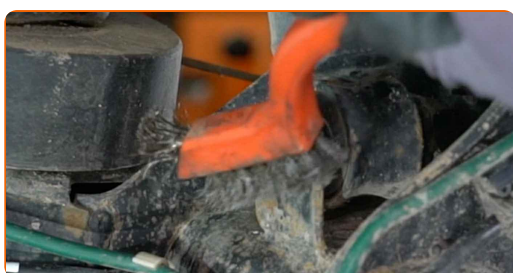
12 Remove the wheel.



13 Support the rear suspension beam. Use a hydraulic transmission jack.



14 Clean the shock absorber fasteners. Use a wire brush. Use WD-40 spray.



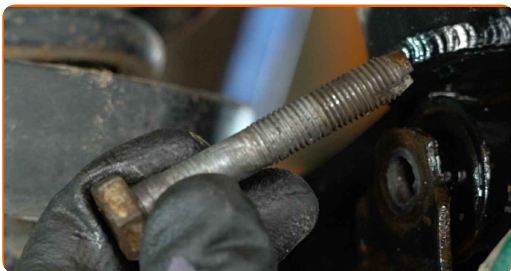
15 Unscrew the lower fastener of the shock absorber. Use a drive socket #17.



16 Unscrew the upper fastener of the shock absorber.

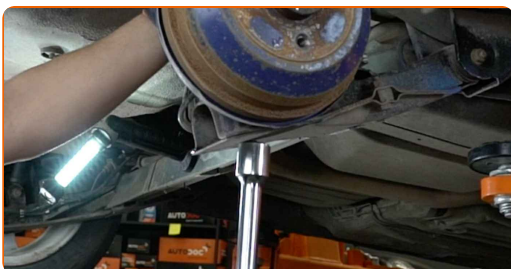


17 Remove the fastening bolt.



18 Remove the shock absorber upper mount.

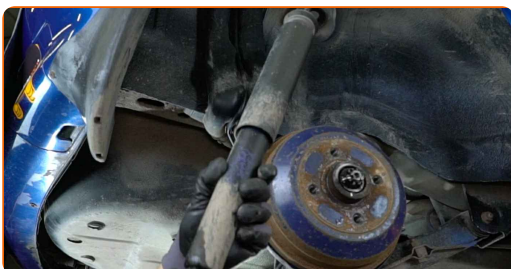
19 Remove the support from under the rear axle beam.



AUTODOC recommends:

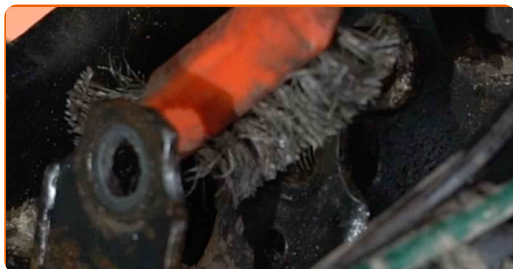
- Replacement: shock absorbers – VAUXHALL Nova CC (S83). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

20 Remove the shock absorber.



21

Clean the shock absorber mounting seats. Use a wire brush. Use WD-40 spray.



Replacement: shock absorbers – VAUXHALL Nova CC (S83). Tip from AUTODOC experts:

- Before installing a new shock absorber you should pump it manually 3-5 times.
- Make sure to follow the assembly steps in the right order.

22

Place the shock absorber in the wheel arch and fasten it.



AUTODOC recommends:

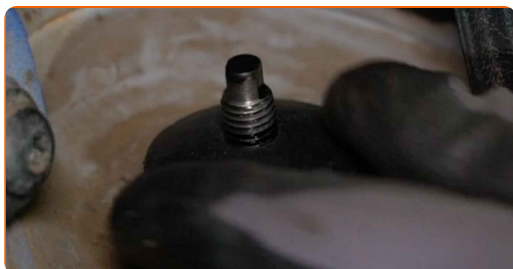
- VAUXHALL Nova CC (S83) – To avoid injury, hold the shock absorber while screwing in the fastening bolts.

23 Screw in the lower fastener of the shock absorber. Use a drive socket #17.



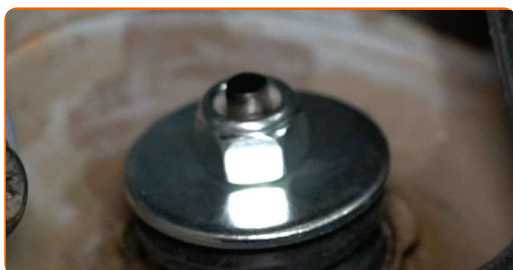
24 Support the rear suspension beam. Use a hydraulic transmission jack.

25 Install the shock absorber upper mount.

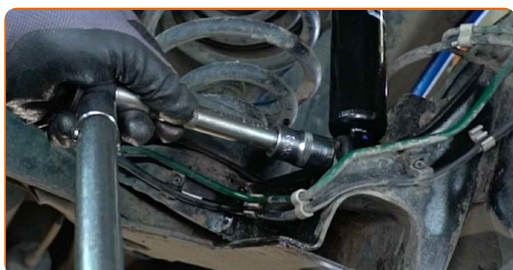


26 Install the fastening bolt.

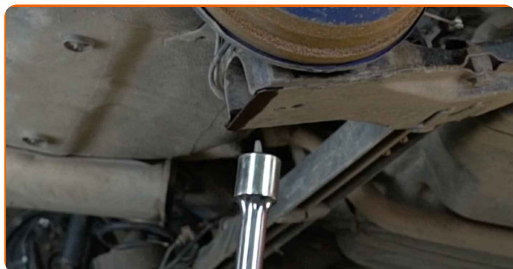
27 Screw the upper fastener of the shock absorber.



28 Tighten the lower fastener of the shock absorber. Use a drive socket #17. Use a torque wrench. Tighten it to 65 Nm torque.



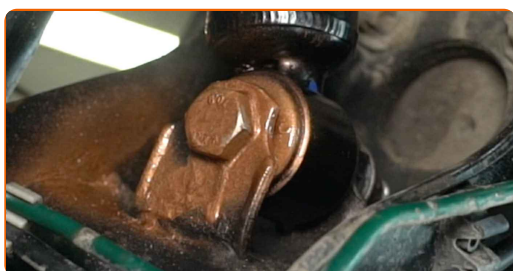
29 Remove the support from under the rear axle beam.



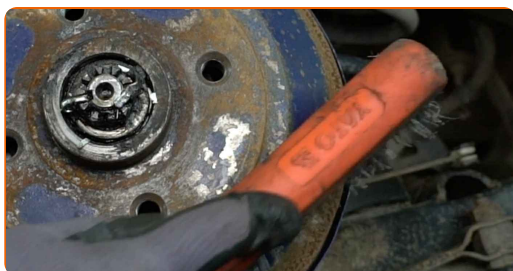
AUTODOC recommends:

- Replacement: shock absorbers – VAUXHALL Nova CC (S83). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

30 Treat the shock absorber fasteners. Use copper grease.



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



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



33 Install the wheel.



AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. VAUXHALL Nova CC (S83)

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



35 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.



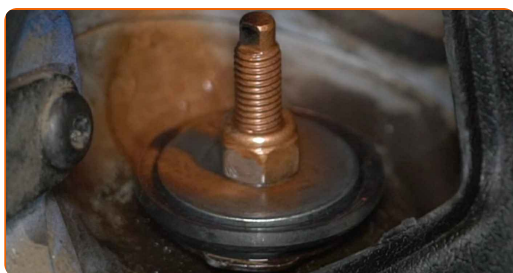
36 Remove the jacks and chocks.



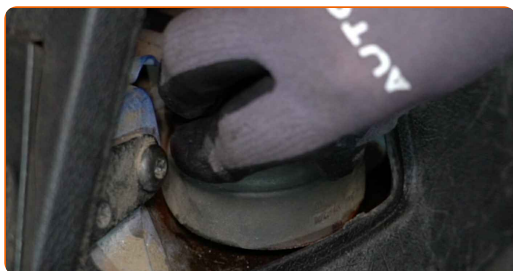
37 Tighten the top shock absorber fastening. Use a combination spanner #14. Use a shock absorber socket DDN#5,2. Use a torque wrench. Tighten it to 20 Nm torque.



38 Treat the shock absorber fasteners. Use copper grease.



39 Install the protective cap of the shock absorber mount.

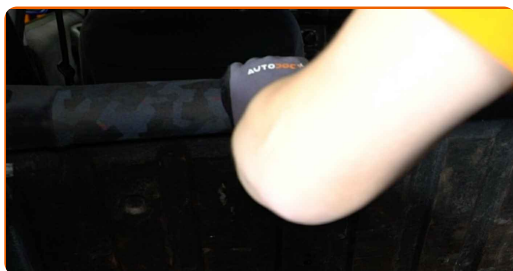


40 Install the cover of the boot side lining.



41

Return the seat to its original position.



42

Remove the fender protection cover.

43

Close the lid of the luggage compartment.

WELL DONE! 

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