



How to change front ball joint 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: BALL JOINT – VAUXHALL NOVA CC (S83). LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #13
- Combination spanner #18
- Drive socket # 13
- Drive socket # 18
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Flat Screwdriver
- Crow bar
- Hammer
- Flat chisel
- Rubber mallet
- Ball joint puller
- Wheel chock

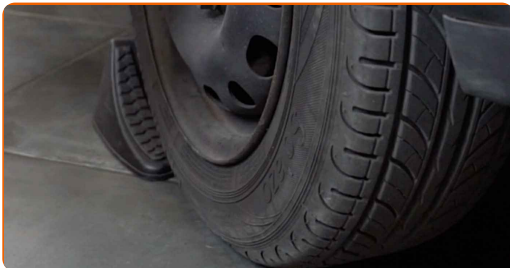
Buy tools

Replacement: ball joint – VAUXHALL Nova CC (S83). AUTODOC experts recommend:

- The replacement procedure is identical for the left and right ball joints.
- All work should be done with the engine stopped.

REPLACEMENT: BALL JOINT – VAUXHALL NOVA CC (S83). USE THE FOLLOWING PROCEDURE:

1 Secure the wheels with chocks.



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



3 Raise the front of the car and secure on supports.

4 Unscrew the wheel bolts.



Replacement: ball joint – VAUXHALL Nova CC (S83). Tip:

- To avoid injury, hold up the wheel when unscrewing the bolts.

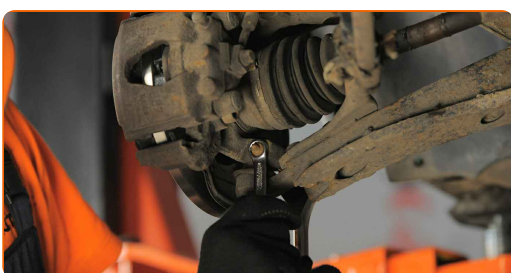
5 Remove the wheel.



6 Clean the fastener that connects the ball joint to the steering knuckle. Use a wire brush. Use WD-40 spray.



7 Unscrew the ball joint fastening to the steering knuckle. Use a combination spanner #13. Use a drive socket #13. Use a ratchet wrench.



8 Remove the fastening bolt. Use a hammer.



- 9 Unscrew the fastener connecting the ball joint to the suspension control arm. Use a combination spanner #18. Use a drive socket #18. Use a ratchet wrench.



- 10 Release the fastener connecting the ball joint to the steering knuckle. Use a flat metal-working chisel. Use a hammer.



- 11 Disconnect the ball joint from the steering knuckle. Use a ball joint puller.



- 12 Disconnect the spherical joint from the arm.

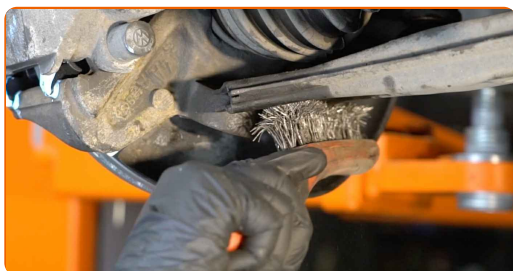
- 13 Remove the ball joint.



14 Remove the fastening bolts (2 pieces). Use a flat screwdriver.



15 Clean the ball joint mounting seat. Use a wire brush. Use WD-40 spray.



16 Install the fastening bolts (2 pieces).



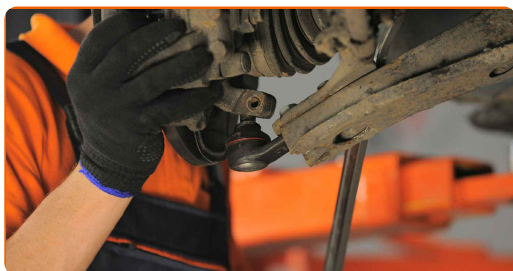
17 Install a new ball joint.



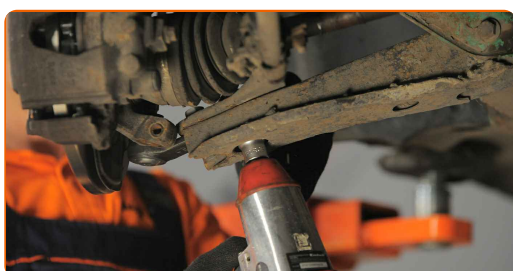
Replacement: ball joint – VAUXHALL Nova CC (S83). AUTODOC experts recommend:

- Do not damage the ball joint cover.

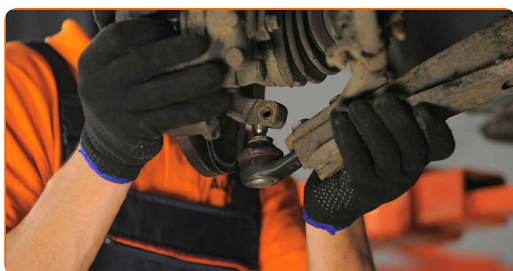
18 Attach the ball joint to the control arm.



19 Tighten the ball joint fastener. Use a combination spanner #18. Use a drive socket #18. Use a torque wrench. Tighten it to 55 nm torque.

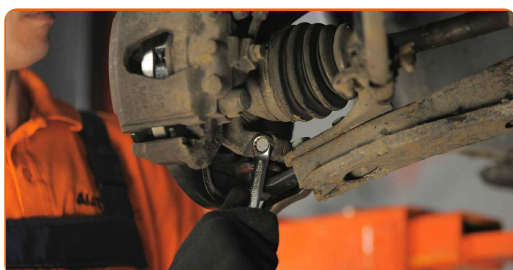


20 Connect the ball joint to the steering knuckle. Use a crowbar. Use a rubber mallet.



21 Install the fastening bolt.

22 Tighten the ball joint fastener. Use a combination spanner #13. Use a drive socket #13. Use a torque wrench. Tighten it to 30 nm torque.



23 Treat the fasteners of the ball joint. Use copper grease.

24

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



25

Clean the brake disk surface. Use a brake cleaner.



Replacement: ball joint – VAUXHALL Nova CC (S83). Tip from AUTODOC:

- After applying the spray, wait a few minutes.

26

Install the wheel.



AUTODOC recommends:

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

27

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



28

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.



29

Remove the jacks and chocks.



WELL DONE! 

VIEW MORE TUTORIALS

AUTODOC – TOP QUALITY AND AFFORDABLE CAR PARTS ONLINE

AUTODOC MOBILE APP: GREAT DEALS AND CONVENIENT SHOPPING



+ AUTODOC

GET IT ON
Google Play

Download on the
App Store

Download

A GREAT SELECTION OF SPARE PARTS FOR YOUR CAR

BALL JOINT: A WIDE SELECTION

DISCLAIMER:

The document contains only general recommendations that may be useful for you when you perform repair or replacement work. AUTODOC shall not be liable for any loss, injury, damage of property occurring in the repair or replacement process due to incorrect use or misinterpretation of the provided information.

AUTODOC shall not be liable for any possible mistakes and uncertainties in this guide. The information provided is for information purposes only and cannot replace advice from specialists.

AUTODOC shall not be liable for incorrect or hazardous usage of equipment, tools and car parts. AUTODOC strongly recommends to be careful and observe the safety rules when performing repair or replacement works. Remember: usage of low quality auto parts does not guarantee you the appropriate level of road safety.

© Copyright 2023 – All the contents of this website, in particular texts, photographs and graphics, are protected by copyright. All rights, including reproduction, publication, editing and translation rights, are reserved by AUTODOC SE.