



How to change front ball joint on **VW Polo Saloon (9N4)** – 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:
VW Polo Saloon (9N4) 1.9 TDI

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: SEAT Ibiza III Hatchback (6L) 1.4 16V

REPLACEMENT: BALL JOINT – VW POLO SALOON (9N4). TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torque wrench
- Combination spanner #18
- Combination spanner #19
- Drive socket # 13
- Wheel impact socket #17
- Ratchet wrench
- Tap wrench
- Ball joint puller
- Crow bar
- Wheel chock

Buy tools

Replacement: ball joint – VW Polo Saloon (9N4). AUTODOC experts recommend:

- The replacement procedure is identical for the left and right ball joints.
- Please note: all work on the car – VW Polo Saloon (9N4) – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1

Secure the wheels with chocks.



2

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

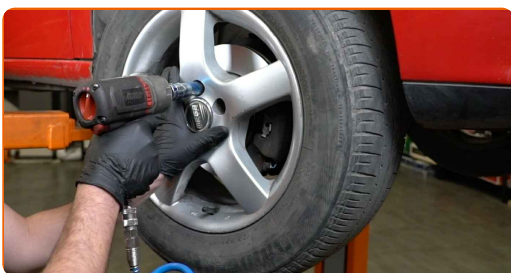


3

Raise the front of the car and secure on supports.

4

Unscrew the wheel bolts.



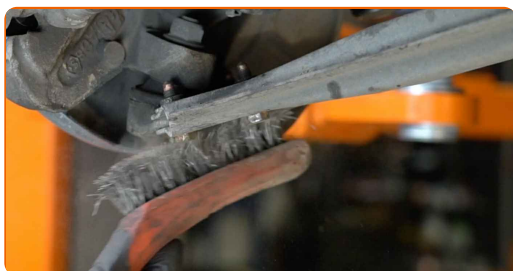
Replacement: ball joint – VW Polo Saloon (9N4). Tip:

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

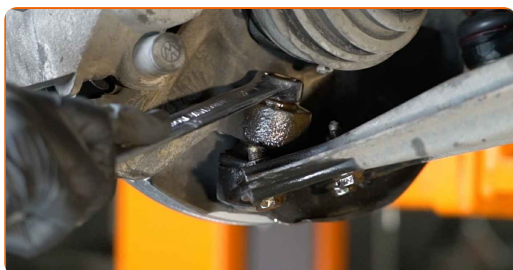
5 Remove the wheel.



6 Clean all joints of the arm. Use a wire brush. Use WD-40 spray.



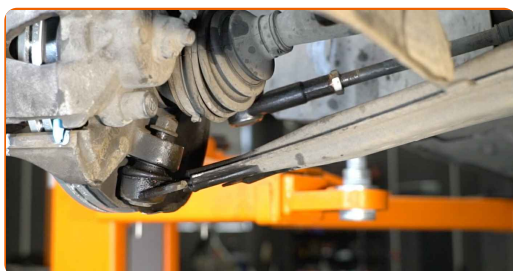
7 Unscrew the ball joint fastening to the steering knuckle. Use a combination spanner #18.



- 8 Unscrew the fastener connecting the ball joint to the suspension control arm. Use a drive socket #13. Use a tap wrench.



- 9 Disconnect the spherical joint from the arm.



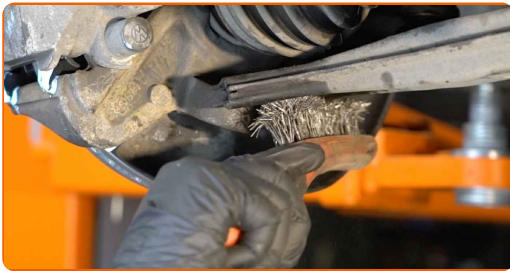
- 10 Disconnect the ball joint from the steering knuckle. Use a crowbar. Use a ball joint puller.



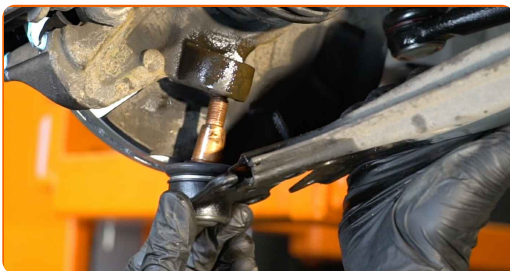
- 11 Remove the ball joint.



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



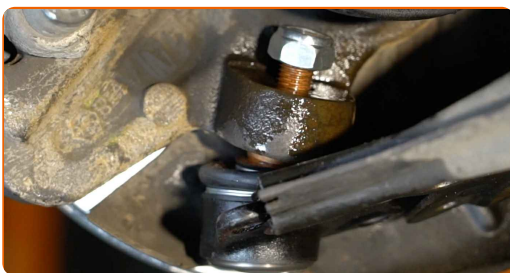
13 Install a new ball joint.



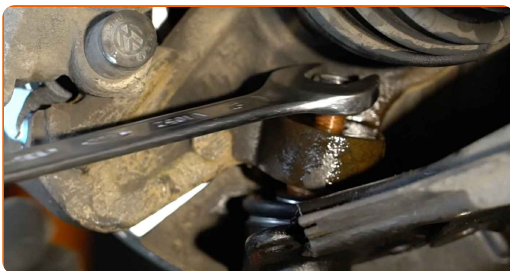
Replacement: ball joint – VW Polo Saloon (9N4). Tip from AUTODOC:

- Do not damage the ball joint cover.

14 Connect the ball joint to the steering knuckle.



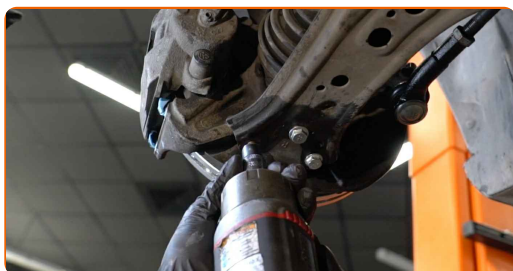
15 Screw the fasteners of the ball joint. Use a combination spanner #19.



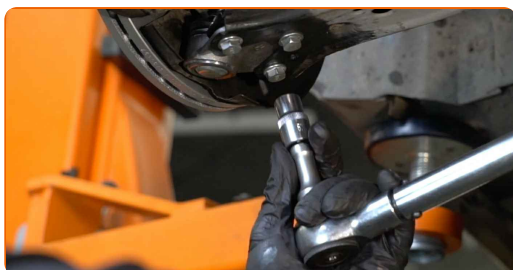
16 Attach the ball joint to the control arm.



17 Screw the fasteners of the ball joint. Use a drive socket #13. Use a ratchet wrench.



18 Tighten the ball joint fastener. Use a drive socket #13. Use a torque wrench. Tighten it to 20 Nm torque.+90°



AUTODOC recommends:

- Important! Be sure to use new fasteners.

- 19 Tighten the ball joint fastener. Use a combination spanner #19. Use a torque wrench. Tighten it to 45 Nm torque.+90°



AUTODOC recommends:

- Important! Be sure to use new fasteners.

- 20 Treat the fasteners of the ball joint. Use copper grease.



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



22

Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: ball joint – VW Polo Saloon (9N4). After applying the spray, wait a few minutes.

23

Install the wheel.



AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. VW Polo Saloon (9N4)

24

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



25

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 120 Nm torque.

**26**

Remove the jacks and chocks.



WELL DONE! 

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BALL JOINT: A WIDE SELECTION

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