



How to change rear  
wheel bearing 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: WHEEL BEARING – VW POLO SALOON (9N4). TOOLS YOU MIGHT NEED:**



- Wire brush
- WD-40 spray
- All-purpose cleaning spray
- Copper grease
- Torque wrench
- Combination spanner #10
- 12-point socket #30
- Torx bit T30
- Wheel impact socket #17
- Ratchet wrench
- Hammer
- Tap wrench
- Crow bar
- Rubber mallet
- Wheel chock

**Buy tools**

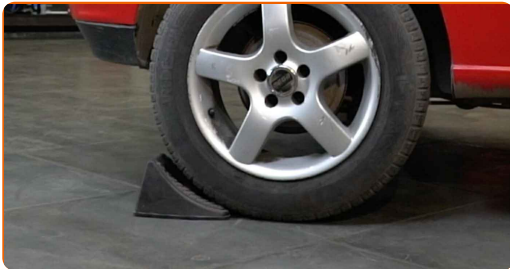
Replacement: wheel bearing – VW Polo Saloon (9N4). AUTODOC experts recommend:

- Do not re-use the bearing assembly of your VW Polo Saloon (9N4) car.
- The wheel hub bearing replacement procedure is identical for both wheels on the same axle.
- All work should be done with the engine stopped.

## REPLACEMENT: WHEEL BEARING – VW POLO SALOON (9N4). RECOMMENDED SEQUENCE OF STEPS:

1

Secure the wheels with chocks.



2

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



3

Raise the rear of the car and secure on supports.

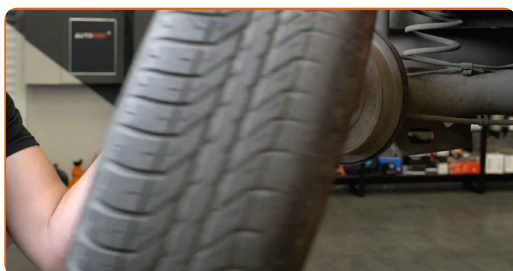
**4** Unscrew the wheel bolts.



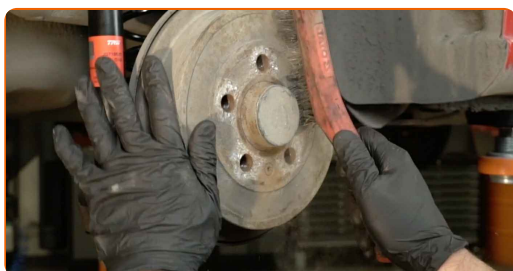
**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. VW Polo Saloon (9N4)

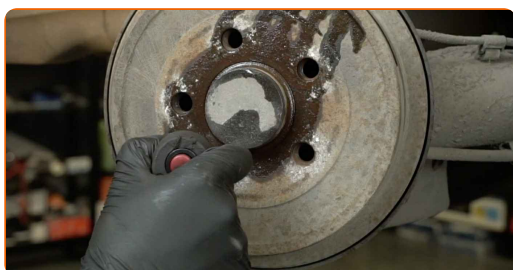
**5** Remove the wheel.



**6** Clean the brake drum fasteners. Use a wire brush. Use WD-40 spray.



**7** Unscrew the brake drum fastening. Use Torx T30. Use a ratchet wrench.



8 Open the car door.



9 Remove the parking brake lever trim cover.



10 Loosen the parking brake cable. Use a combination spanner #10.



11 Remove the brake drum.



Replacement: wheel bearing – VW Polo Saloon (9N4). Tip from AUTODOC:

- Examine the brake drum. Replace it if necessary.

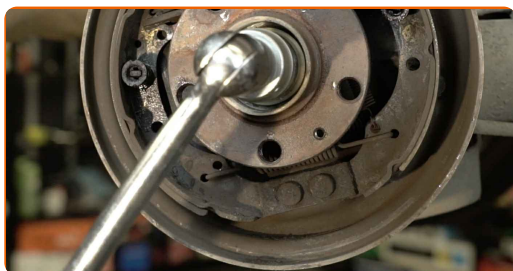
**12** Remove the hub bearing protection cap. Use a crowbar. Use a hammer.



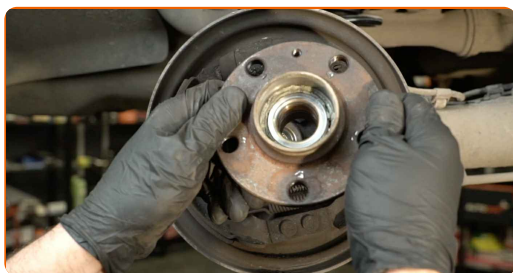
**AUTODOC recommends:**

- Some cars are not equipped with wheel hub caps.

**13** Unscrew the wheel hub axle nut. Use 12-point socket No.30. Use a tap wrench.



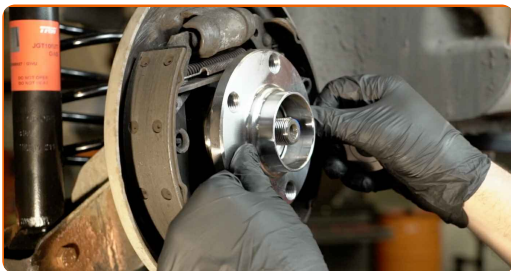
**14** Remove the hub and the bearing together, since they are a sealed unit.



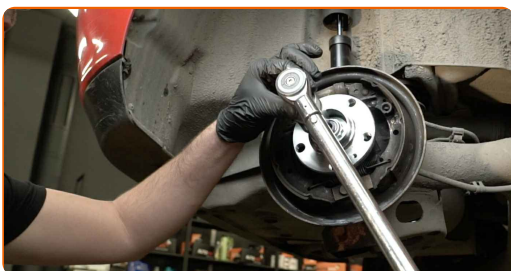
**15** Clean the hub bearing mounting seat. Use all-purpose cleaning spray.



**16** Install the new wheel hub with a bearing.



**17** Tighten the hub. Use 12-point socket No.30. Use a torque wrench. Tighten it to 175 nm torque.



Replacement: wheel bearing – VW Polo Saloon (9N4). Professionals recommend:

- The wheel bearing unit must not tilt on the axle pin.

**18** Install the hub bearing protection cap. Use a rubber mallet.

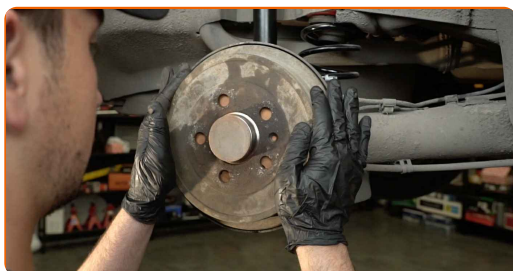




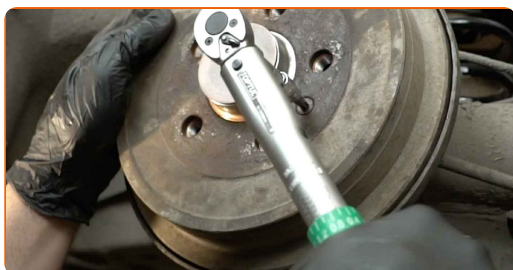
**19** Treat the hub where it contacts the brake disk. Use copper grease.



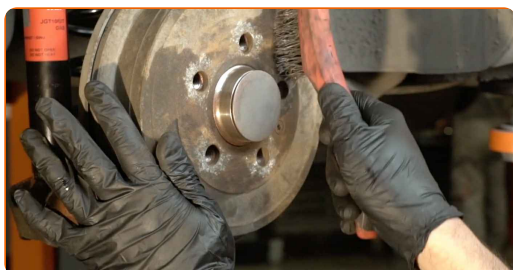
**20** Install a brake drum.



**21** Tighten the brake drum fasteners. Use Torx T30. Use a torque wrench. Tighten it to 4 Nm torque.



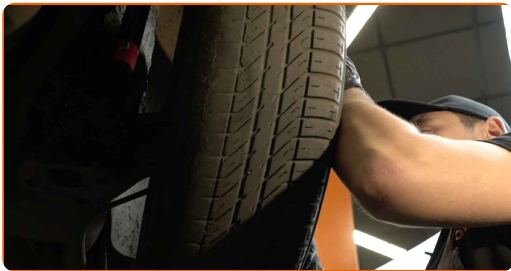
**22** Clean the wheel rim mounting seat. Use a wire brush.



**23** Treat the surface where the wheel rim contacts the brake drum. Use copper grease.



**24** Install the wheel.



**AUTODOC recommends:**

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

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

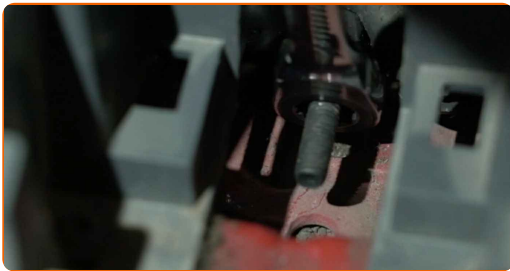


**26** Lower the car.

**27** Remove the jacks and chocks.



**28** Adjust the parking brake cable tension. Use a combination spanner #10.



**29** Install the parking brake lever trim cover.



**30** Close the car door.



- 31** Tighten the wheel bolts using a criss-cross pattern. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 Nm torque.



**WELL DONE!** 

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