



How to change rear
wheel bearing on **VW**
Polo III Box Body /
Hatchback (6N1) –
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 III Box Body / Hatchback (6N1) 1.0

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: VW Polo III Hatchback (6N1) 1.0

REPLACEMENT: WHEEL BEARING – VW POLO III BOX BODY / HATCHBACK (6N1). TOOLS YOU MIGHT NEED:



- Wire brush
- All-purpose cleaning spray
- Multipurpose grease
- Copper grease
- Torque wrench
- Combination spanner #10
- Drive socket # 24
- Wheel impact socket #17
- Bush and bearing driver set
- 3-Arm Gear Puller
- Ratchet wrench
- Hammer
- Crow bar
- Wheel chock

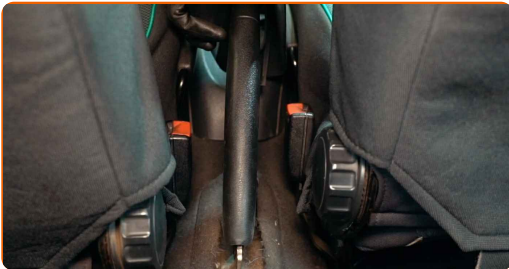
Buy tools

AUTODOC recommends:

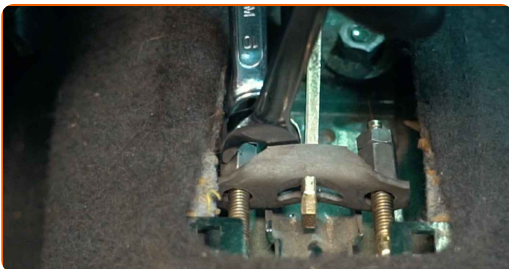
- Do not re-use the bearing assembly of your VW Polo III Box Body / Hatchback (6N1) car.
- The wheel hub bearing replacement procedure is identical for both wheels on the same axle.
- Please note: all work on the car – VW Polo III Box Body / Hatchback (6N1) – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Engage the parking brake lever.



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



3 Secure the wheels with chocks.

4

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



5

Raise the rear of the car and secure on supports.

6

Unscrew the wheel bolts.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. VW Polo III Box Body / Hatchback (6N1)

7

Remove the wheel.



8

Clean the brake drum. Use a wire brush. Use all-purpose cleaning spray.



9

Remove the wheel hub nut cap. Use a crowbar. Use a hammer.



10

Remove the cotter pin securing the hub nut. Use a crowbar. Use a hammer.



11

Unscrew the hub nut. Use a drive socket #24. Use a ratchet wrench.



12 Remove the brake drum assembled with the wheel hub bearing.



Replacement: wheel bearing – VW Polo III Box Body / Hatchback (6N1). Tip:

- Examine the brake drum. Replace it if necessary.

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



14 Remove the hub bearing mounting. Use a crowbar.

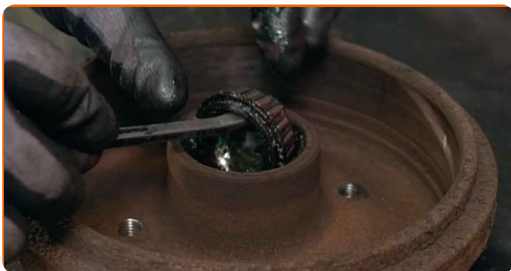


15 Remove the inner oil seal of the wheel bearing. Use a crowbar.



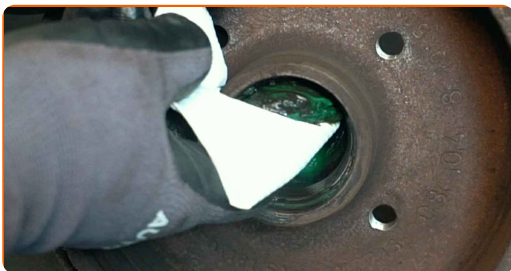
16

Remove the hub bearing mounting. Use a crowbar.



17

Clean the hub bearing mounting seat.



18

Remove the inner race of the wheel bearing from the brake drum. Use 3-Arm Gear Puller. Use a bush and bearing driver set.



19

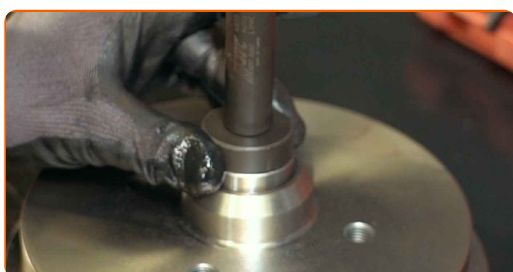
Remove the inner race of the wheel bearing from the brake drum. Use a bush and bearing driver set.



- 20 Install the new inner race of the wheel bearing into the brake drum. Use a bush and bearing driver set. Use a hammer.



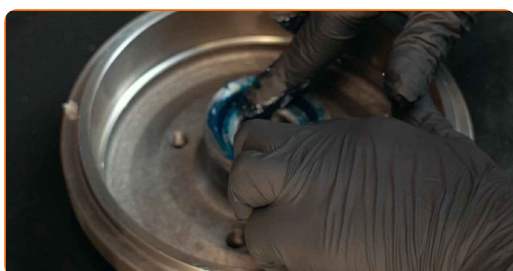
- 21 Install the new inner race of the wheel bearing into the brake drum. Use a bush and bearing driver set. Use a hammer.



- 22 Treat the inner race and the wheel bearing. Use a multipurpose grease.



- 23 Install a new hub bearing and secure it.



24

Press in the inner oil seal of the wheel bearing. Use a bush and bearing driver set. Use a hammer.



25

Install a new hub bearing and secure it.



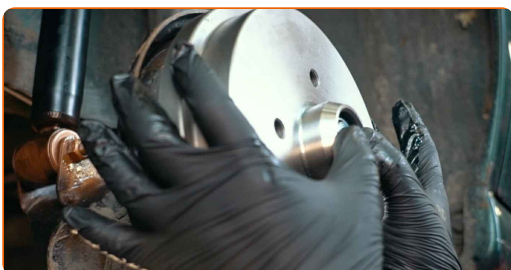
26

Treat the wheel hub in the area where it contacts the brake drum. Use a multipurpose grease.



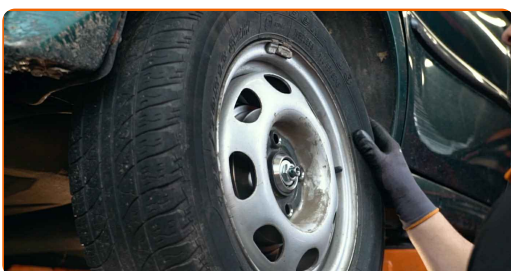
27

Install the brake drum assembled with the wheel hub bearing.



28

Install the wheel.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. VW Polo III Box Body / Hatchback (6N1)

29

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



30

Screw on the hub nut. Use a drive socket #24. Use a ratchet wrench.



**Replacement: wheel bearing – VW Polo III Box Body / Hatchback (6N1).
Professionals recommend:**

- Align the brake drum.

31

Unscrew the wheel bolts. Use wheel impact socket #17.



AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. VW Polo III Box Body / Hatchback (6N1)

32

Remove the wheel.



33

Install a new hub nut cotter pin. Use a crowbar. Use a hammer.



34

Install the cap of the hub nut. Use a hammer.



35

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



36

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



37

Install the wheel.



AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. VW Polo III Box Body / Hatchback (6N1)

38

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



39

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



40

Release the parking brake lever.



41

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.



42

Remove the jacks and chocks.



WELL DONE! 

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WHEEL BEARING: A WIDE SELECTION

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