



How to change rear
wheel bearing on **VW**
Derby I (86) –
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 Derby I (86) 0.9, VW Derby I (86) 1.1, VW Derby I (86) 1.3

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 DERBY I (86).
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

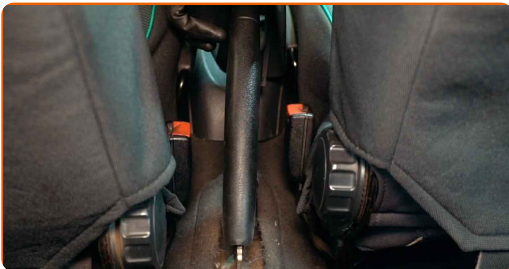
Buy tools

AUTODOC recommends:

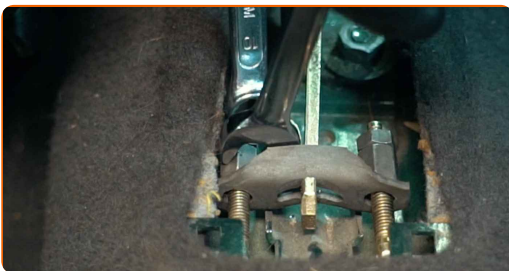
- Do not re-use the bearing assembly of your VW Derby I (86) car.
- The wheel hub bearing replacement procedure is identical for both wheels on the same axle.
- Please note: all work on the car – VW Derby I (86) – should be done with the engine switched off.

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 Derby I (86)

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 Derby I (86). 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 Derby I (86)

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 Derby I (86). 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 Derby I (86)

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.



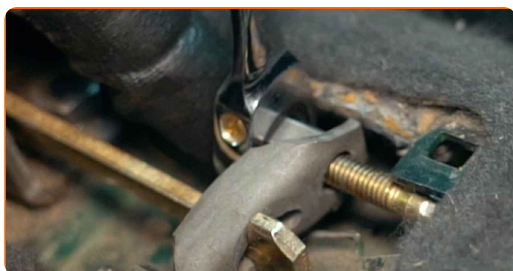
AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. VW Derby I (86)

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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