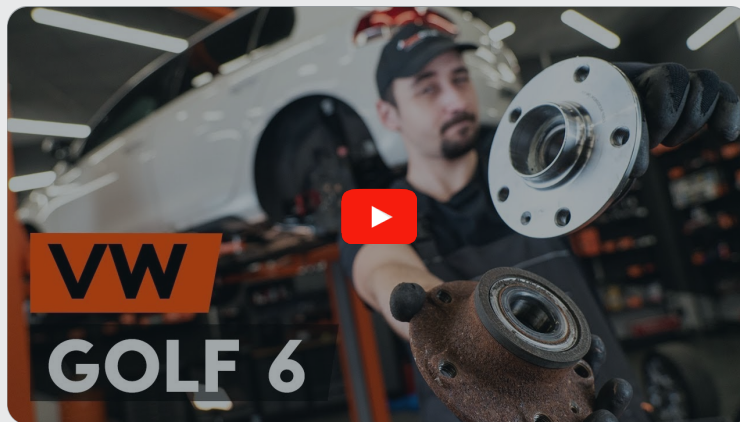




How to change rear
wheel bearing on **VW**
Golf 6 – replacement
guide

VIDEO TUTORIAL



i Important!

This replacement procedure can be used for:

VW Golf Plus / Crossgolf (5M1, 521) 1.6 TDI, VW Passat B6 Variant (3C5) 2.0 TDI, VW Golf Plus / Crossgolf (5M1, 521) 1.2 TSI, VW Touran I (1T3) 2.0 TDI, VW Golf VI Hatchback (5K1) 1.2 TSI, VW Eos (1F7, 1F8) 2.0 TDI, VW Golf VI Hatchback (5K1) 2.0 GTi, VW Jetta Mk5 (1K) 1.6 TDI, VW Scirocco III (137, 138) 2.0 R, VW Scirocco III (137, 138) 2.0 TDI, VW Passat CC (357) 2.0 TSI, VW Passat CC (357) 1.8 TSI, VW Passat CC (357) 2.0 TDI, VW Sharan II (7N1, 7N2) 2.0 TDI, VW Touran I (1T1, 1T2) 1.9 TDI, (+ 90)

The steps may slightly vary depending on the car design.

REPLACEMENT: WHEEL BEARING – VW GOLF 6. TOOLS
YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Multipurpose grease
- Drive socket # 13
- Combination spanner #13
- Combination spanner #19
- XZN socket bit # 12
- XZN socket bit # 18
- Torx bit T30
- Wheel impact socket #17
- Tap wrench
- Ratchet wrench
- Torque wrench
- Crow bar
- Rubber mallet
- Wheel chock

BUY TOOLS

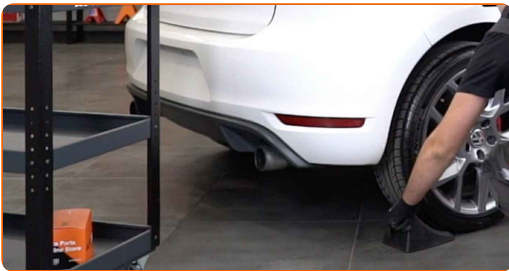
Replacement: wheel bearing – VW Golf 6. AUTODOC recommends:

- Do not re-use the bearing assembly of your VW Golf 6 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 GOLF 6. USE THE FOLLOWING PROCEDURE:

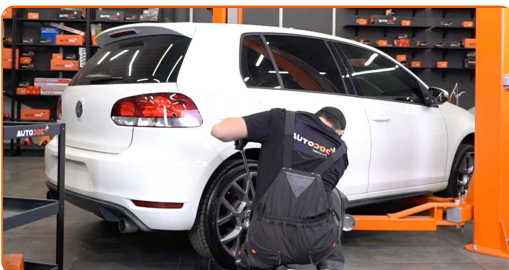
1

Secure the wheels with chocks.



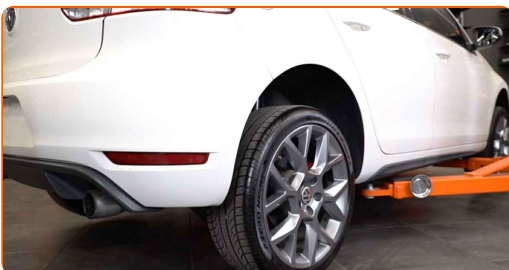
2

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.



Replacement: wheel bearing – VW Golf 6. Tip:

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

5

Remove the wheel.

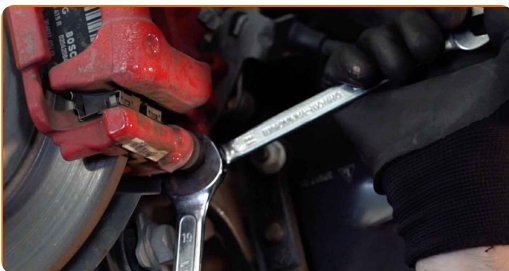


6

Spread the brake pads. Use a crowbar.

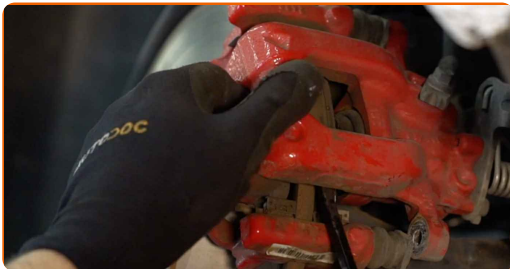
7

Unscrew the brake caliper fastening. Use a combination spanner #13. Use a combination spanner #19.



8

Remove the brake caliper.

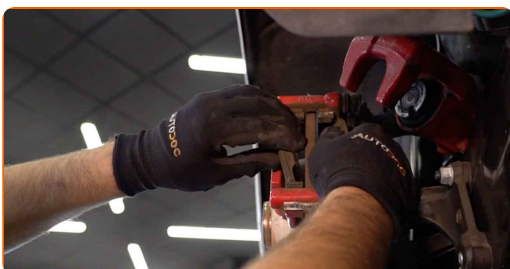


Replacement: wheel bearing – VW Golf 6. AUTODOC experts recommend:

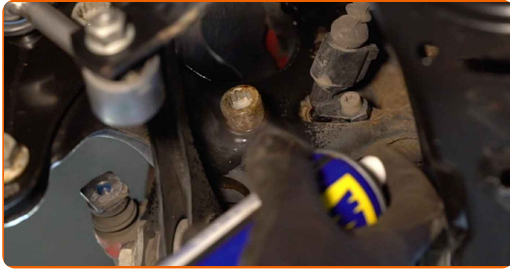
- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.

9

Remove the brake pads.



10 Treat the brake caliper bracket fasteners. Use WD-40 spray.



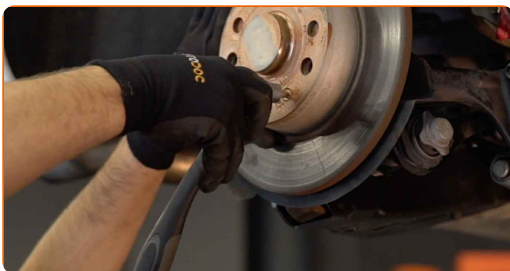
11 Unscrew the caliper bracket fastening. Use XZN #12. Use a tap wrench. Use a ratchet wrench.



12 Remove the caliper bracket.



13 Unscrew the brake disc fastening. Use Torx T30. Use a ratchet wrench.



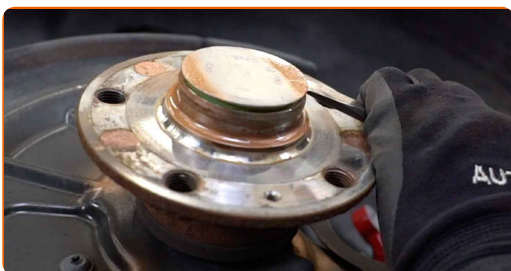
14

Remove the brake disc.



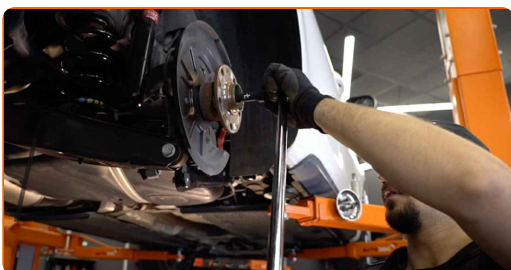
15

Remove the hub bearing protection cap. Use a crowbar. Use a rubber mallet.



16

Unscrew the wheel hub axle nut. Use XZN #18. Use a tap wrench.



17

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

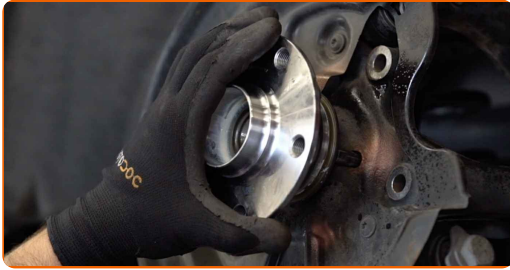


18

Clean the guiding part of the stub axle. Use WD-40 spray.



19 Install the new wheel hub with a bearing.



20 Tighten the hub. Use XZN #18. Use a torque wrench. Tighten it to 70 Nm torque.+90°



Replacement: wheel bearing – VW Golf 6. Tip from AUTODOC:

- The wheel bearing unit must not tilt on the axle pin.
- Important! Be sure to use new fasteners.

21 Install the hub bearing protection cap. Use a rubber mallet.



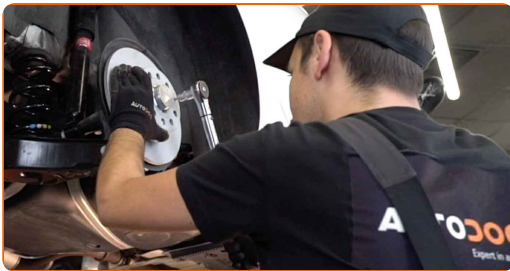
22 Treat the hub where it contacts the brake disk. Use a multipurpose grease.



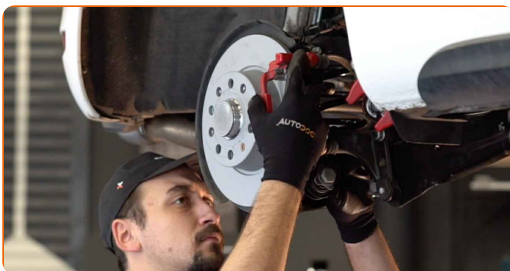
23 Install the brake disc.



24 Tighten the brake disc fastening. Use Torx T30. Use a torque wrench. Tighten it to 4 Nm torque.



25 Install the brake caliper bracket.



26

Tighten the brake caliper bracket. Use XZN #12. Use a torque wrench. Tighten it to 90 Nm torque.

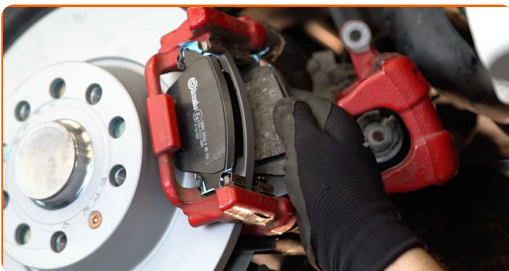


AUTODOC recommends:

- Important! Be sure to use new fasteners.

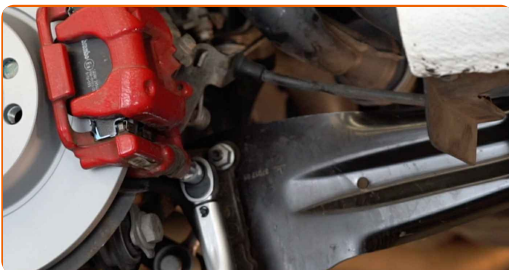
27

Install the brake pads.



28

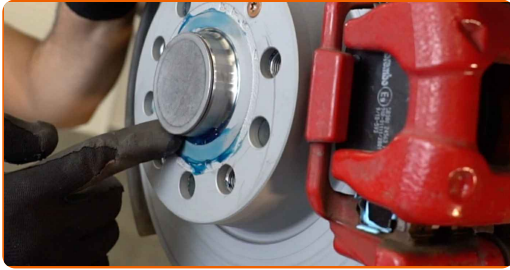
Install the brake caliper and fix it. Use a combination spanner #13. Use a combination spanner #19. Use a drive socket #13. Use a torque wrench. Tighten it to 35 Nm torque.



AUTODOC recommends:

- Important! Be sure to use new fasteners.

29 Clean the wheel rim mounting seat. Use a wire brush. Treat the contacting surface. Use a multipurpose grease.



30 Install the wheel.



Replacement: wheel bearing – VW Golf 6. Professionals recommend:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

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



32

Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 120 Nm torque.



33

Remove the jacks and chocks.



WELL DONE! 👍

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