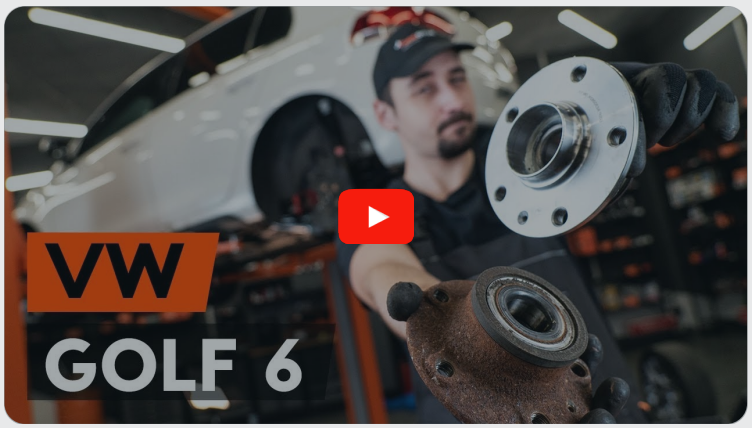
AUTODOC CLUB

How to change rear wheel bearing on **VW T-Roc Convertible (AC7)** – 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 T-Roc Convertible (AC7) 1.0 TSI, VW T-Roc Convertible (AC7) 1.5 TSI

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 GOLF VI (5K1) 2.0 GTi

REPLACEMENT: WHEEL BEARING – VW T-ROC CONVERTIBLE (AC7). 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

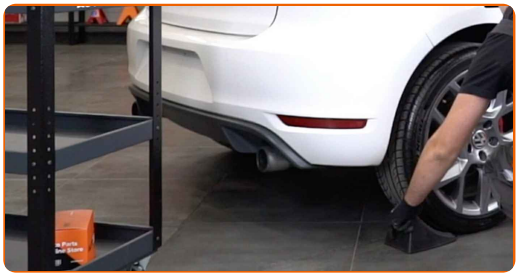
Buy tools

Replacement: wheel bearing – VW T-Roc Convertible (AC7). AUTODOC recommends:

- Do not re-use the bearing assembly of your VW T-Roc Convertible (AC7) 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 T-ROC CONVERTIBLE (AC7). USE THE FOLLOWING PROCEDURE:

1 Secure the wheels with chocks.



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

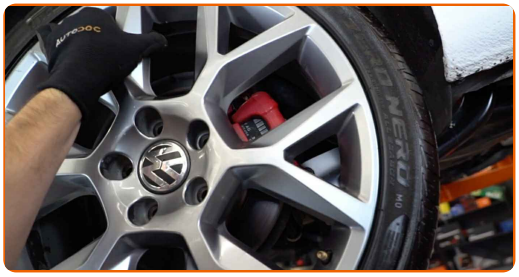
3 Raise the rear of the car and secure on supports.

4 Unscrew the wheel bolts.

Replacement: wheel bearing – VW T-Roc Convertible (AC7). Tip:

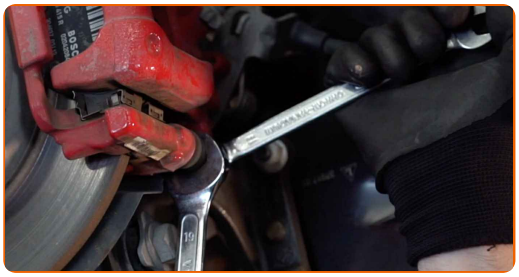
- To avoid injury, hold up the wheel when unscrewing the bolts.

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.



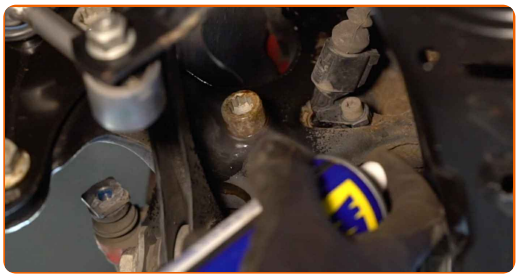
8 Remove the brake caliper.

Replacement: wheel bearing – VW T-Roc Convertible (AC7). AUTODOC experts recommend:

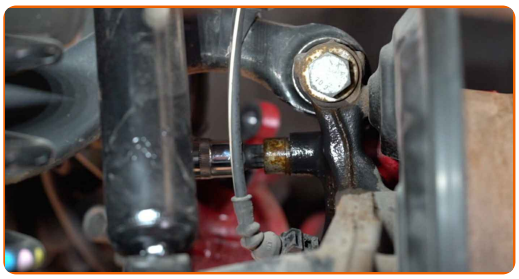
- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result,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



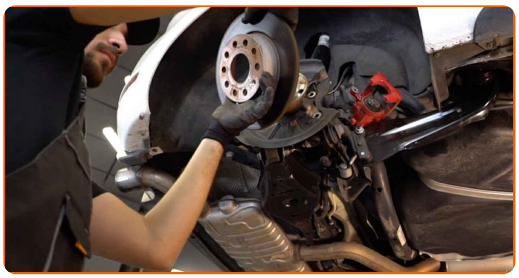
11 Unscrew the caliper bracket fastening. Use XZN #12. Use a tap wrench. Use a ratchet wrench.



12 Remove the caliper bracket.

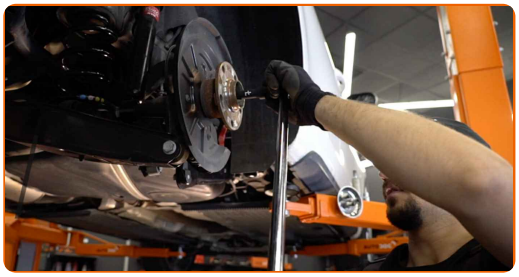
13 Unscrew the brake disc fastening. Use Torx T30. Use a ratchet wrench.

14 Remove the brake disc.



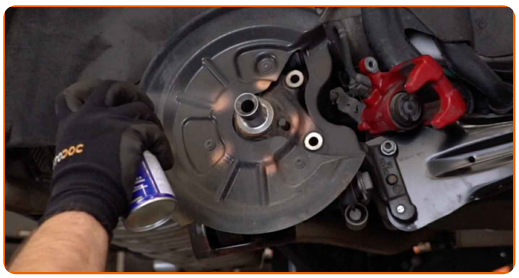
15 Remove the hub bearing protection cap. Use a crowbar. Use a rubber mallet.

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

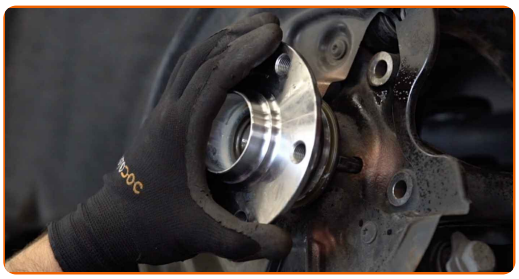


17 Remove the hub and the bearing together, since they are a sealed unit.

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 T-Roc Convertible (AC7). Tip from AUTODOC:

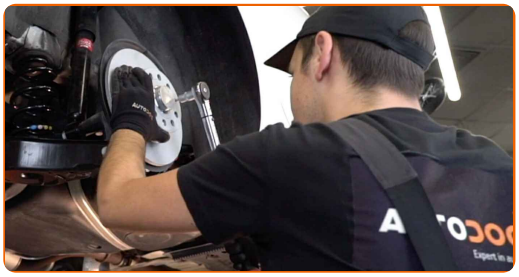
- The wheel bearing unit must not tilt on the axle pin.
- Important! Be sure to use new fasteners.

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

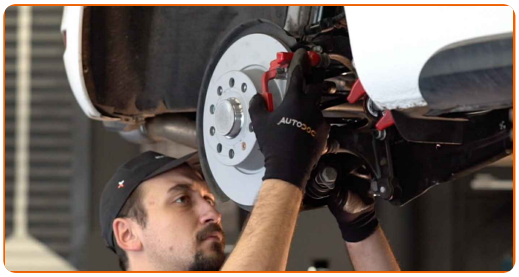
22 Treat the hub where it contacts the brake disk. Use a multipurpose grease.

23 Install the brake disc.

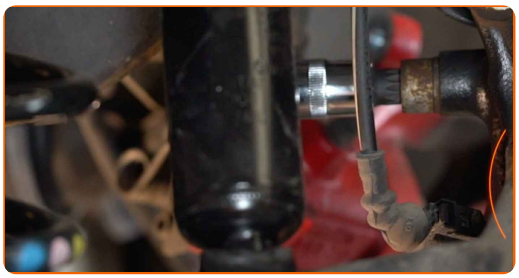
24 Tighten the brake disc fastening. Use Torx T30. Use a torque wrench. Tighten it to 4 Nm torque.



25 Install the brake caliper bracket.



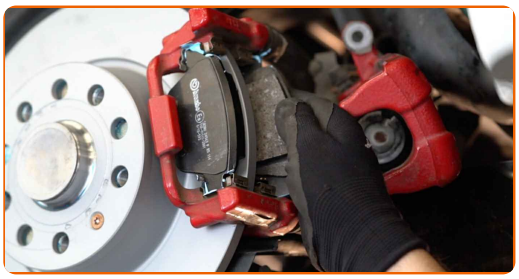
26 Tighten the brake caliper bracket. Use XZN #12. Use a torque wrench. Tighten it to 90 Nm torque.



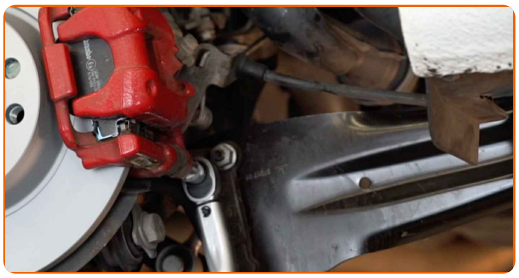
AUTODOC recommends:

- Important! Be sure to use new fasteners.

27 Install the brake pads.



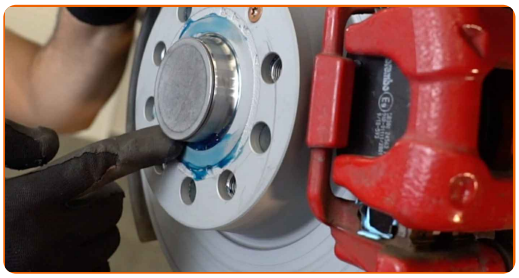
28 Install the brake caliper and fix it. Use a combination spanner #13. Use a combination spanner #19. Use a drive socket #13. Use a torque wrench. Tighten it to 35 Nm torque.



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 T-Roc Convertible (AC7). 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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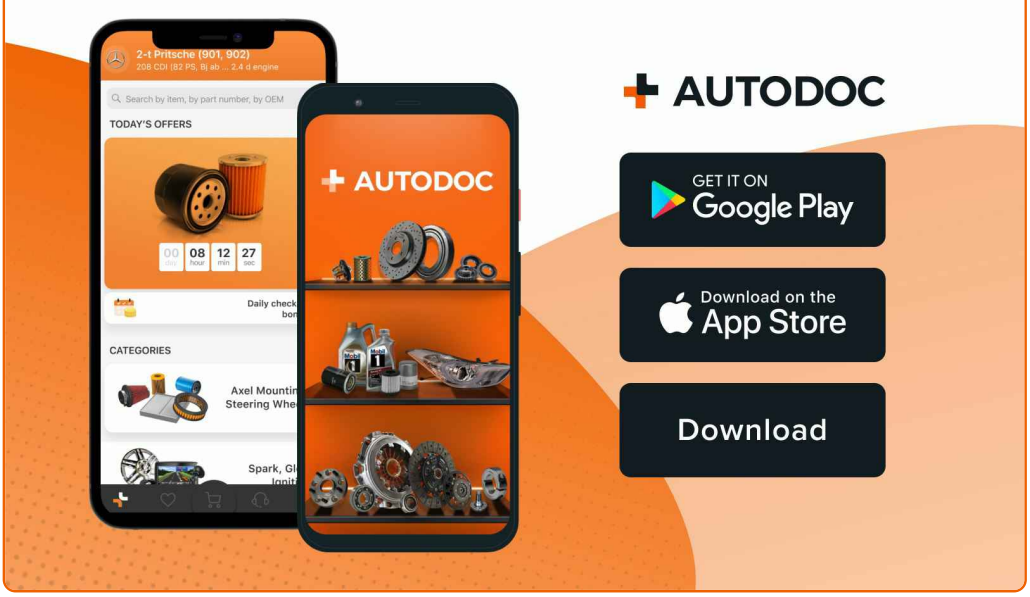

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