- AUTODOC CLUB

How to change rear wheel bearing on **VW Caddy 3 Kombi** – replacement guide



VIDEO TUTORIAL



(i) Important!

This replacement procedure can be used for:

VW Passat Saloon (362) 1.4 TSI, VW Passat Saloon (362) 1.8 TSI, VW Passat Saloon (362) 2.0 TSI, VW Passat Saloon (362) 1.6 TDI, VW Passat Saloon (362) 2.0 TDI, VW Passat Saloon (362) 1.4 TSI EcoFuel, VW Passat Variant (365) 1.4 TSI, VW Passat Variant (365) 1.8 TSI, VW Passat Variant (365) 1.6 TDI, VW Passat Variant (365) 2.0 TSI, VW Passat Variant (365) 2.0 TDI, VW Passat Variant (365) 1.4 TSI EcoFuel, VW TOURAN (1T3) 1.2 TSI, VW GOLF PLUS (5M1, 521) 1.6 BiFuel, VW GOLF VI (5K1) 1.6 MultiFuel, (+ 249)

The steps may slightly vary depending on the car design.



REPLACEMENT: WHEEL BEARING – VW CADDY 3 KOMBI. LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Multipurpose grease
- Torx bit T30
- HEX bit No.H19
- Drive socket # 16
- Wheel impact socket #17
- Ratchet wrench

- Torque wrench
- 3-Arm Gear Puller
- Flat Screwdriver
- Round-nose pliers
- Flat chisel
- Hammer
- Rubber mallet
- Crow bar
- Wheel chock

BUY TOOLS



Replacement: wheel bearing – VW Caddy 3 Kombi. AUTODOC recommends:

- The replacement procedure is identical for the left and right wheel hubs on the same axle.
- Please note: all work on the car VW Caddy 3 Kombi should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:



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.







Unscrew the wheel bolts.



AUTODOC recommends:

• Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. VW Caddy 3 Kombi



Remove the wheel.



6

Spread the brake pads. Use a crowbar.



7

Disconnect the ABS sensor electric socket. Disconnect the brake pad wear sensor plug. Remove the ABS sensor connector. Remove the connector of the brake pad wear sensor. Use round-nose pliers.







Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.



Please note!

• Some cars are not equipped with the brake pad wear sensor.

Unscrew the caliper bracket fastening. Use a drive socket #16. Use a ratchet wrench. Remove the brake caliper together with its bracket.

Replacement: wheel bearing – VW Caddy 3 Kombi. Tip from AUTODOC experts:

- 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.





Unscrew the brake disc mounting bolts and remove it. Use Torx T30.



Replacement: wheel bearing - VW Caddy 3 Kombi. Tip:

• If necessary, use a rubber mallet.

11

Pry the hub cap with a screwdriver and remove it. If necessary, use a flat chisel and a hammer.



12

Unscrew the wheel hub axle nut. Use HEX No.19.



13

Remove the hub and the bearing together, since they are a sealed unit. Use 3-Arm Gear Puller.





Clean the guiding part of the stub axle. Use a wire brush.



Replacement: wheel bearing – VW Caddy 3 Kombi. AUTODOC experts recommend:

• Be careful to avoid damaging the guiding part of the stub axle.

15

Clean the hub bearing mounting seat. Use a wire brush. Use WD-40 spray. Apply special grease to the bearing assembly mounting seat.



16

Install the new wheel hub with a bearing. Move the hub as far as it can go.





Tighten the hub. Use HEX No.19. Use a torque wrench. Tighten it to 180 Nm torque.+180°



Replacement: wheel bearing – VW Caddy 3 Kombi. AUTODOC recommends:

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

18

Apply some copper grease to the hub where it contacts the brake disk.



19

Install the brake disc.





Tighten the brake disc fastening. Use Torx T30. Use a torque wrench. Tighten it to 9 Nm torque.



21

Clean the mounting seats of the caliper and its bracket. Use a wire brush. Use WD-40 spray.



22

Install the cap of the hub nut.



Replacement: wheel bearing – VW Caddy 3 Kombi. Professionals recommend:

• The cap must always be replaced. When you install the previously used cap the sealing will be lost.



Install the brake caliper together with its bracket. Tighten the brake caliper bracket. Use a drive socket #16. Use a torque wrench. Tighten it to 90 Nm torque.



24

Install the ABS sensor cable in the holder on the brake caliper. Connect the ABS sensor electric socket. Connect the brake pad wear sensor plug.



25

Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.



26

Install the wheel.





AUTODOC recommends:

 Important! Hold the wheel while screwing in the fastening bolts. VW Caddy 3 Kombi

27

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



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



29

Remove the jacks and chocks.





Replacement: wheel bearing – VW Caddy 3 Kombi. Tip from AUTODOC:

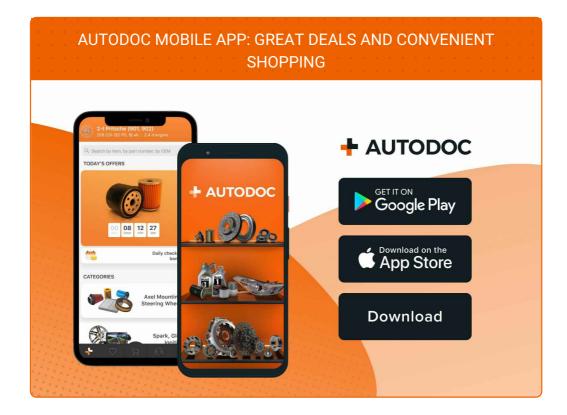
• Without starting the engine, press the brake pedal several times until you feel significant resistance.



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