



How to change rear  
wheel bearing on **SKODA**  
**Rapid Hatchback (NH3)**  
– 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:

SKODA Rapid Hatchback (NH3) 1.2, SKODA Rapid Hatchback (NH3) 1.2 TSI, SKODA Rapid Hatchback (NH3) 1.4 TSI, SKODA Rapid Hatchback (NH3) 1.6 TDI, SKODA Rapid Hatchback (NH3) 1.6

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: AUDI A3 Hatchback (8L1) 1.8

**REPLACEMENT: WHEEL BEARING – SKODA RAPID HATCHBACK (NH3). TOOLS YOU MIGHT NEED:**



- Wire brush
- WD-40 spray
- Brake cleaner
- Torx bit T30
- Combination spanner #13
- Combination spanner #15
- Drive socket # 13
- Torque wrench
- Copper grease
- Wheel impact socket #17
- Flat chisel
- Hammer
- 3-Arm Gear Puller
- 12-point socket # 32
- Rubber mallet
- Crow bar
- Wheel chock

**Buy tools**

Replacement: wheel bearing – SKODA Rapid Hatchback (NH3). AUTODOC experts recommend:

- The replacement procedure is identical for the left and right wheel hubs on the same axle.
- All work should be done with the engine stopped.

## REPLACEMENT: WHEEL BEARING – SKODA RAPID HATCHBACK (NH3). USE THE FOLLOWING PROCEDURE:

**1** Secure the wheels with chocks.

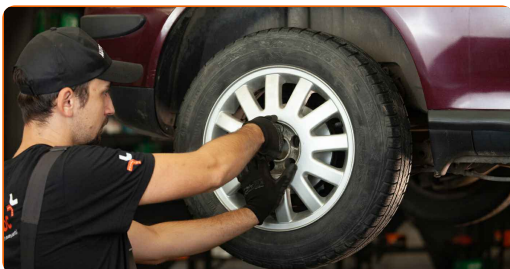


**2** Loosen the wheel mounting bolts. Use wheel impact socket #17.



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

**4** Unscrew the wheel bolts.



AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. SKODA Rapid Hatchback (NH3)

5

Remove the wheel.



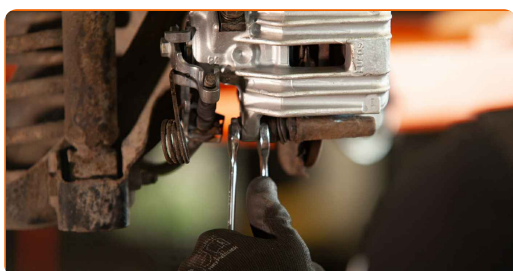
6

Spread the brake pads. Use a crowbar.



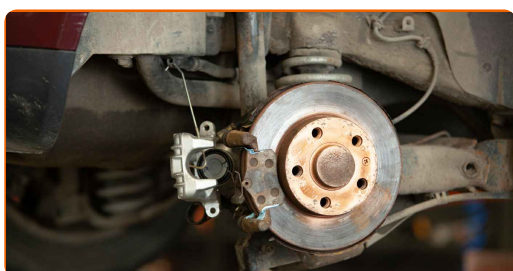
7

Unscrew the brake caliper fastening. Use a combination spanner #13. Use a combination spanner #15.



8

Remove the brake caliper.

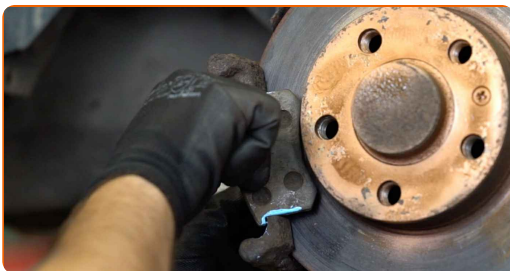


Replacement: wheel bearing – SKODA Rapid Hatchback (NH3). Tip:

- 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.

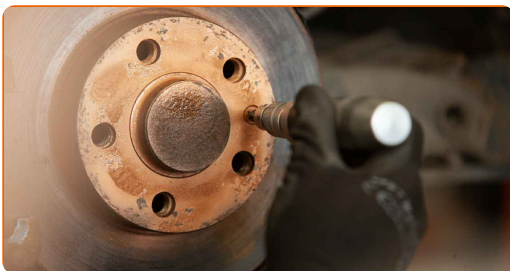
9

Remove the brake pads.



10

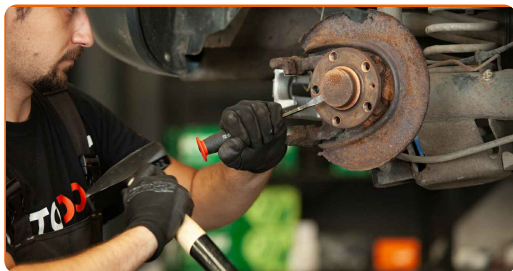
Unscrew the brake disc mounting bolts and remove it. Use Torx T30.



Replacement: wheel bearing – SKODA Rapid Hatchback (NH3). AUTODOC recommends:

- If necessary, use a rubber mallet.

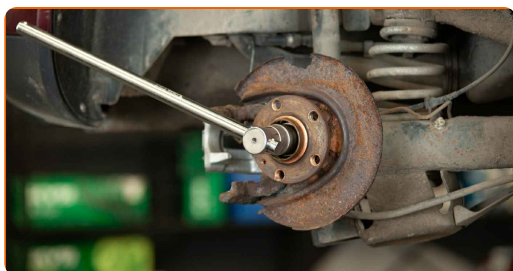
**11** Pry up and remove the wheel hub cap. Use a crowbar.



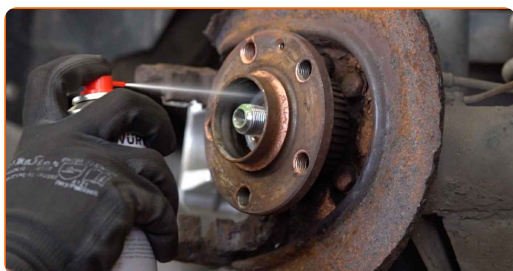
Replacement: wheel bearing – SKODA Rapid Hatchback (NH3). Tip from AUTODOC experts:

- If necessary, use a flat chisel and a hammer.

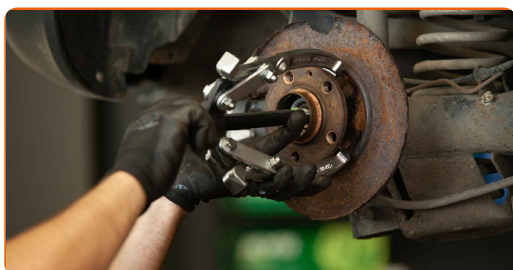
**12** Unscrew the wheel hub fastening nut. Use drive 12-point socket #32.



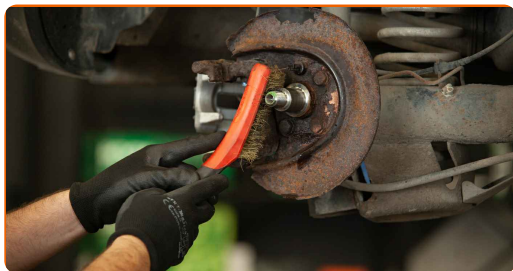
**13** Clean the hub. Use WD-40 spray.



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



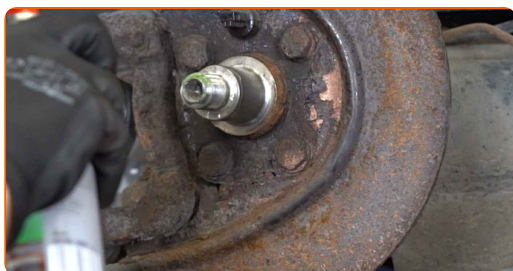
**15** Clean the guiding part of the stub axle. Use a wire brush.



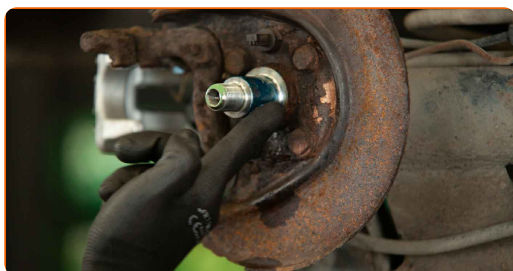
Replacement: wheel bearing – SKODA Rapid Hatchback (NH3). Tip from AUTODOC:

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

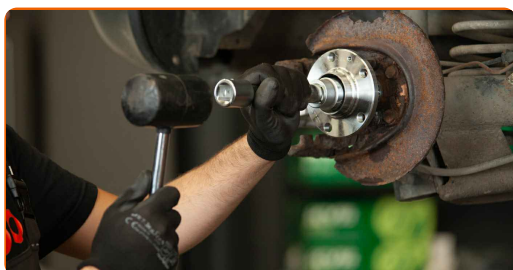
**16** Clean the hub bearing mounting seat. Use a wire brush. Use WD-40 spray.



**17** Apply special grease to the bearing assembly mounting seat.



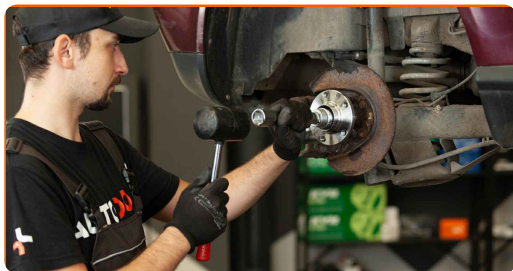
**18** Install the new wheel hub with a bearing.





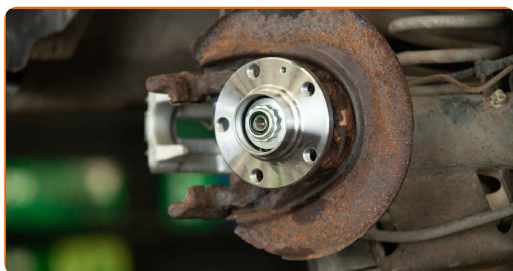
19

Move the hub as far as it can go.



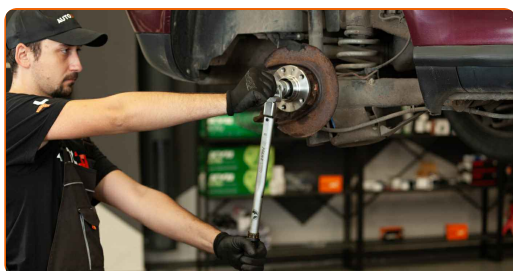
20

Screw the wheel hub lock nut.



21

Tighten the hub. Important! Be sure to use new fasteners. Use drive 12-point socket #32. Use a torque wrench. Tighten it to 70 Nm torque.+45°

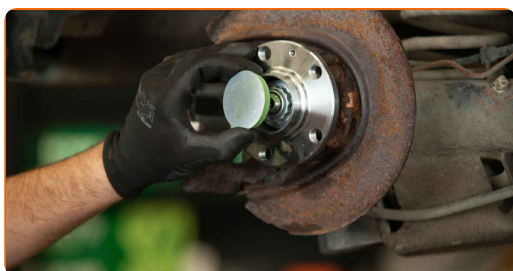


**AUTODOC recommends:**

- The wheel bearing unit must not tilt on the axle pin.

22

Install the cap of the hub nut.

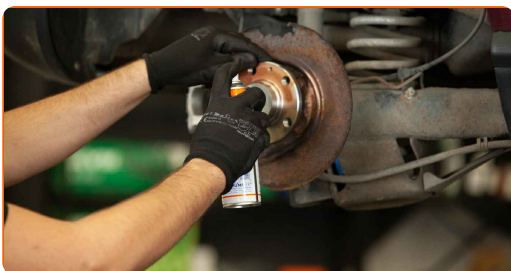


Replacement: wheel bearing – SKODA Rapid Hatchback (NH3). Tip from AUTODOC:

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

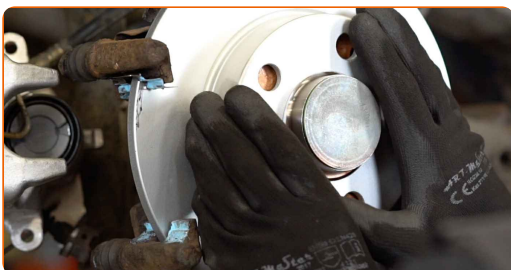
23

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



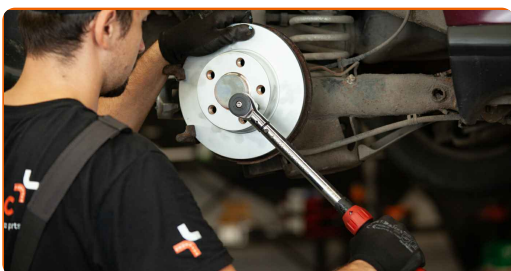
24

Install the brake disc.



25

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



26

Clean the brake disk surface. Use a brake cleaner.

**AUTODOC recommends:**

- Replacement: wheel bearing – SKODA Rapid Hatchback (NH3). After applying the spray, wait a few minutes.

**27**

Install the brake pads.



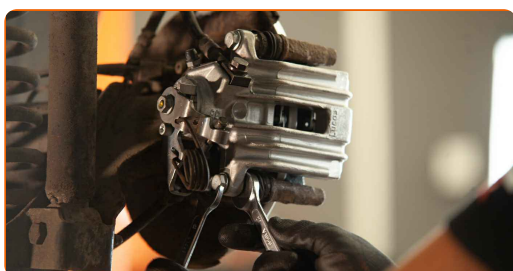
**28**

Install the brake caliper and fix it.



**29**

Tighten the brake caliper bracket. Use a combination spanner #15. Use a drive socket #13. Use a torque wrench. Tighten it to 35 Nm torque.



**30**

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



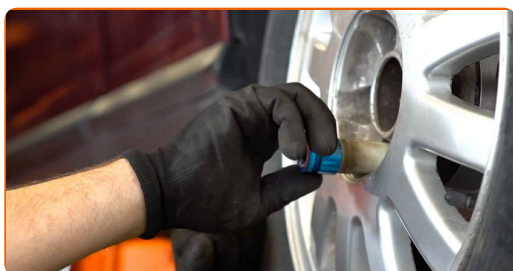
**31** Install the wheel.



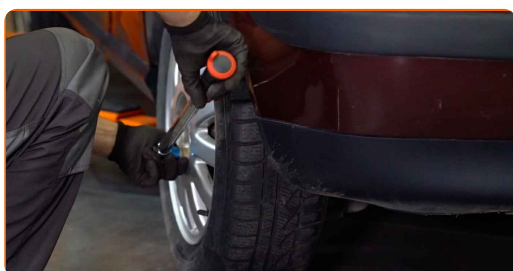
**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. SKODA Rapid Hatchback (NH3)

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



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



**34** Remove the jacks and chocks.



Replacement: wheel bearing – SKODA Rapid Hatchback (NH3). AUTODOC experts recommend:

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

**WELL DONE!** 

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