



How to change front  
brake discs on **VW Polo**  
**6N1** – replacement guide

## VIDEO TUTORIAL



### **Important!**

This replacement procedure can be used for:

VW Polo III Hatchback (6N1) 1.3, VW Polo III Hatchback (6N1) 1.6, VW Polo III Hatchback (6N1) 1.0, VW Polo III Hatchback (6N1) 1.9 D, VW Polo III Hatchback (6N1) 1.4, VW Polo III Hatchback (6N1) 1.7 SDI, VW Lupo / Lupo 3L (6X1, 6E1) 1.0, VW Lupo / Lupo 3L (6X1, 6E1) 1.4 16V, VW Lupo / Lupo 3L (6X1, 6E1) 1.7 SDI, VW Polo III Box Body / Hatchback (6N1) 1.0, VW Gol G5 Hatchback 1.0, VW Polo III Hatchback (6N2) 1.4 16V, VW Polo III Hatchback (6N2) 1.0, VW Polo III Hatchback (6N2) 1.7 SDI, VW Polo III Hatchback (6N2) 1.9 D, (+ 6)

The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE DISCS – VW POLO 6N1. LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torque wrench
- Torx bit T27
- HEX bit No.H6
- Wheel impact socket #17
- Ratchet wrench
- Brake caliper wind back tool
- Crow bar
- Wheel chock

**BUY TOOLS**

**AUTODOC recommends:**

- Replace the brake disks on the car VW Polo 6N1 in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- Please note: all work on the car – VW Polo 6N1 – should be done with the engine switched off.

**CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:**

1

Open the hood. Unscrew the brake fluid reservoir cap.

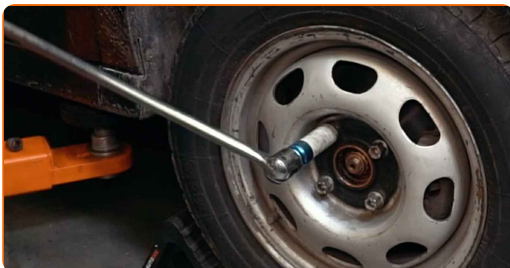


2

Secure the wheels with chocks.

3

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



4

Raise the front of the car and secure on supports.



5

Unscrew the wheel bolts.



**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. VW Polo 6N1

6

Remove the wheel.



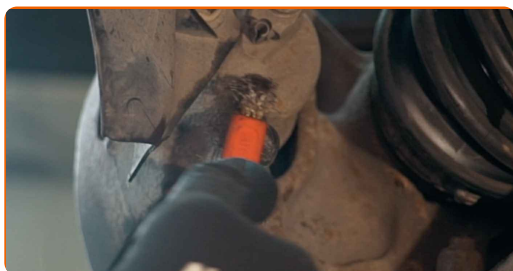
7

Spread the brake pads. Use a crowbar.



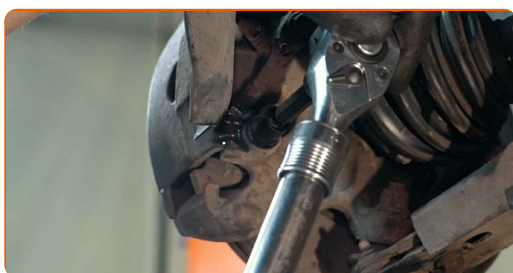
8

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



9

Unscrew the brake caliper fastening. Use HEX No.H6. Use a ratchet wrench.



10

Remove the brake caliper.



Replacement: brake discs – VW Polo 6N1. 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.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

11

Unscrew the brake disc fastening. Use Torx T27. Use a ratchet wrench.

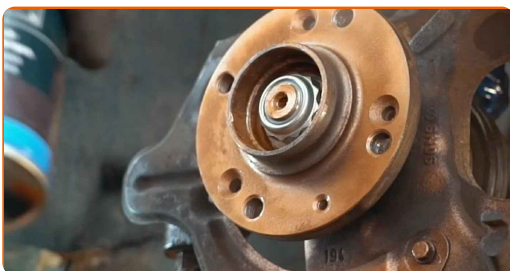
12

Remove the brake disc.



13

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



14 Install the brake disc.



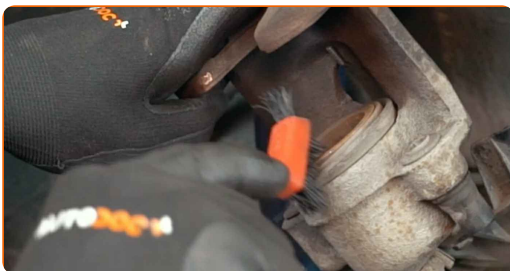
15 Tighten the brake disc fastening. Use Torx T27. Use a torque wrench. Tighten it to 9 Nm torque.



16 Remove the brake pads.



17 Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.



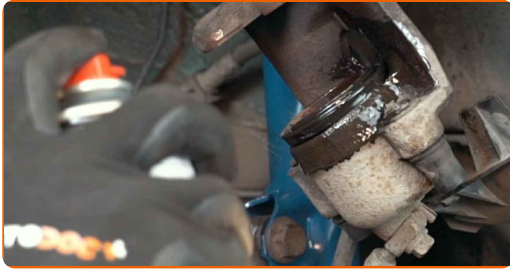
**AUTODOC recommends:**

- Replacement: brake discs – VW Polo 6N1. After applying the spray, wait a few minutes.



18

Treat the brake caliper piston. Use a nylon cleaning brush. Use a brake cleaner.

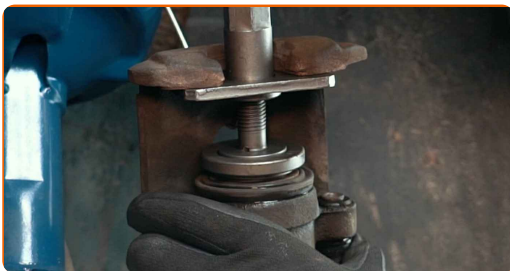


Replacement: brake discs – VW Polo 6N1. Tip from AUTODOC experts:

- After applying the spray, wait a few minutes.

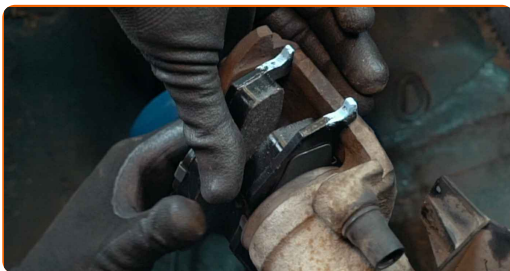
19

Press in the brake caliper piston. Use brake caliper wind back tool.



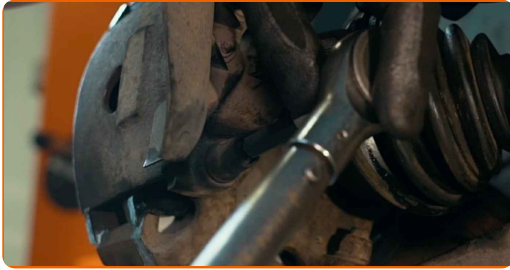
20

Install the brake pads.



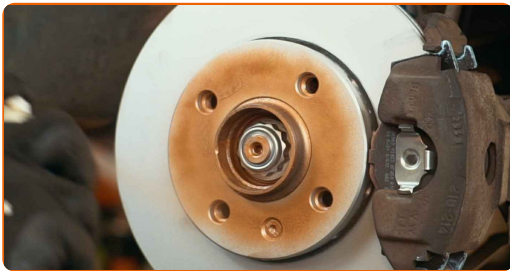
21

Install the brake caliper and fix it. Use HEX No.H6. Use a torque wrench. Tighten it to 25 Nm torque.



22

Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



23

Clean the brake disk surface. Use a brake cleaner.



### AUTODOC recommends:

- Replacement: brake discs – VW Polo 6N1. After applying the spray, wait a few minutes.

24 Install the wheel.



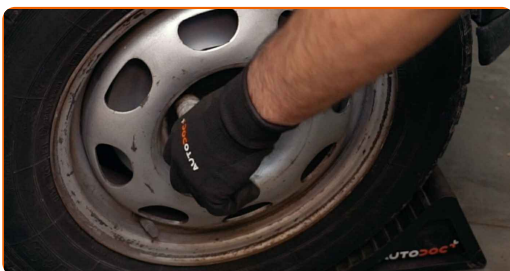
**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. VW Polo 6N1

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



26 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.



27 Remove the jacks and chocks.



Replacement: brake discs – VW Polo 6N1. AUTODOC experts recommend:

- Without starting the engine, press the brake pedal several times until you feel significant resistance.
- Check the brake fluid level in the expansion tank and refill if necessary.

28

Tighten the brake fluid reservoir cap. Close the hood.



**WELL DONE!** 

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