



How to change front brake discs on **VW Lupo** **6X1** – replacement guide

VIDEO TUTORIAL



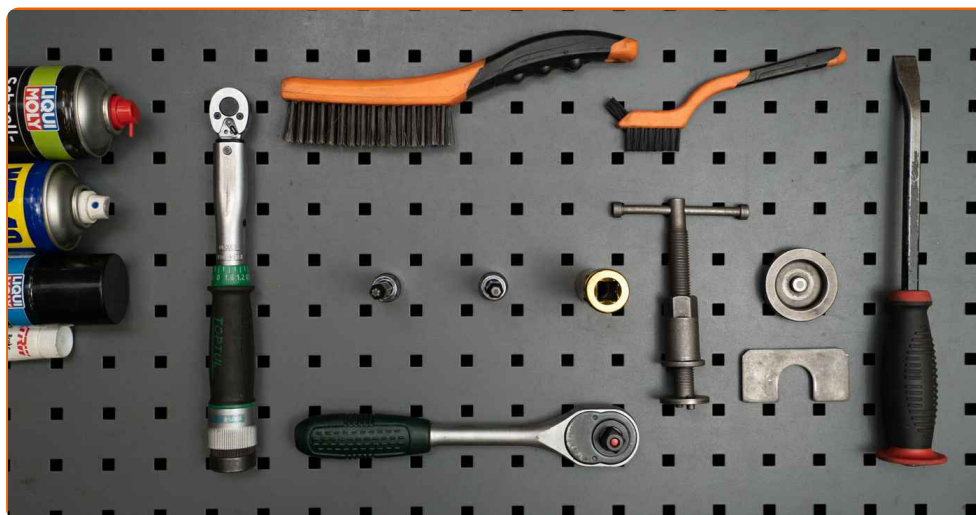
Important!

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 LUPO 6X1. TOOLS YOU MIGHT NEED:



- Wire brush
- Nylon cleaning brush
- Brake cleaner
- Anti-squeal paste
- Copper grease
- Torque wrench
- HEX bit No.H6
- Torx bit T30
- Wheel impact socket #17
- Ratchet wrench
- Brake caliper wind back tool
- Crow bar
- Wheel chock

BUY TOOLS

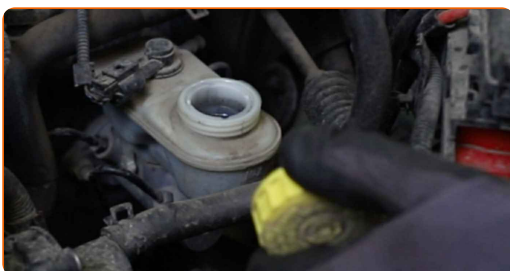
AUTODOC recommends:

- Replace the brake disks on the car VW Lupo 6X1 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.
- All work should be done with the engine stopped.

REPLACEMENT: BRAKE DISCS – VW LUPO 6X1. USE THE FOLLOWING PROCEDURE:

1

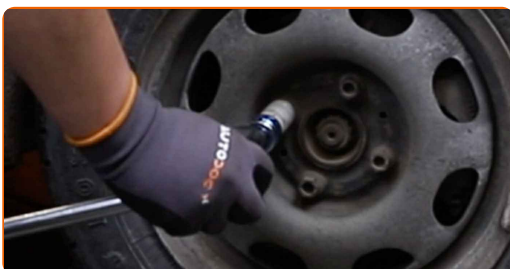
Open the bonnet. Unscrew the brake fluid reservoir cap.


2

Secure the wheels with chocks.

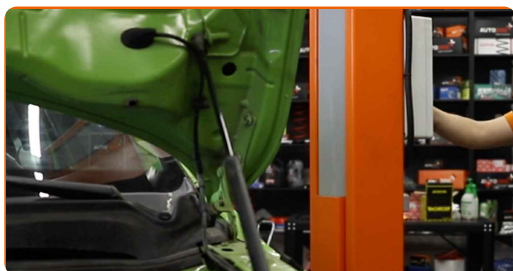
3

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



4

Raise the car.

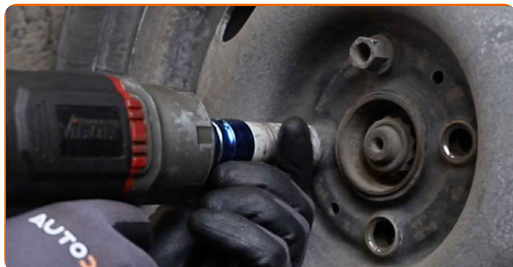


Replacement: brake discs – VW Lupo 6X1. AUTODOC recommends:

- If you are using a jack, make sure it rests on a flat surface without any unevenness.
- Be sure to additionally secure the car with jack stands.

5

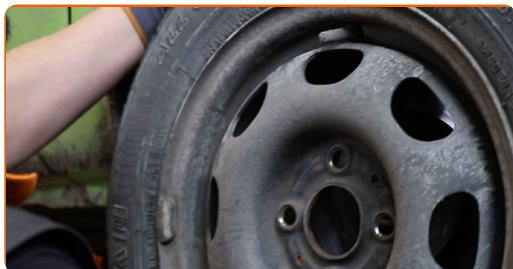
Unscrew the wheel bolts.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. VW Lupo 6X1

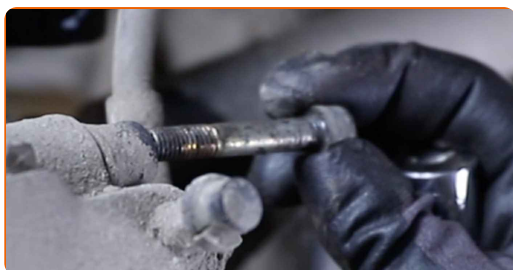
6 Remove the wheel.



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



8 Remove the fastening bolts.



9 Spread the brake pads. Use a crowbar.



10 Remove the brake caliper.



Replacement: brake discs – VW Lupo 6X1. 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.

11

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

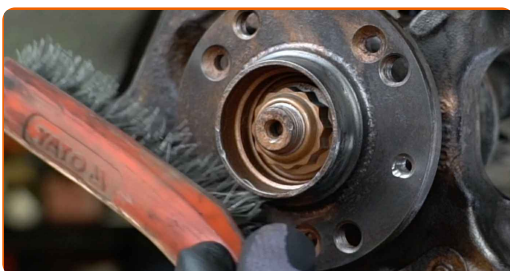
12

Remove the brake disc.



13

Clean the hub. Use a wire brush.



14

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

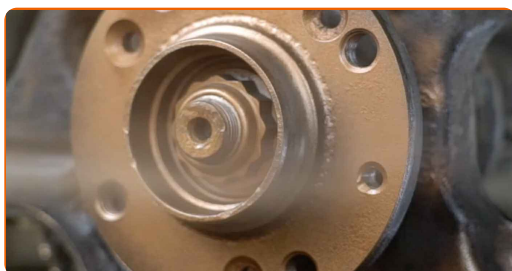


AUTODOC recommends:

- Replacement: brake discs – VW Lupo 6X1. After applying the spray, wait a few minutes.

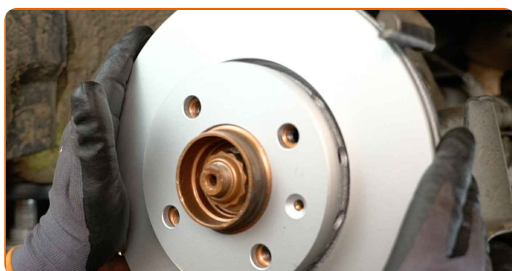
15

Treat the hub where it contacts the brake disk. Use copper grease.



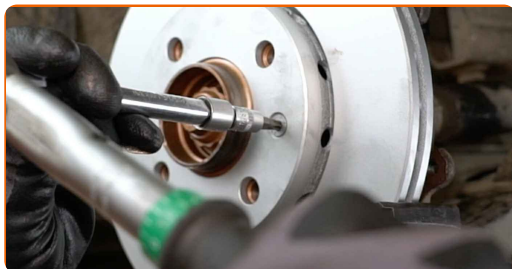
16

Install the brake disc.



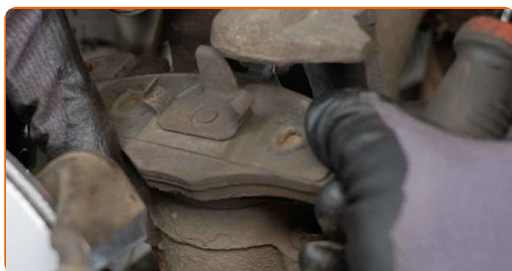
17

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



18

Remove the brake pads. Use a crowbar.



19

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

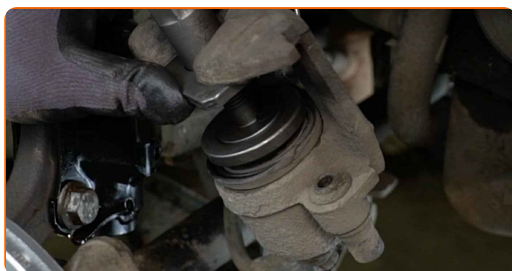


AUTODOC recommends:

- After applying the spray, wait a few minutes.

20

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



AUTODOC recommends:

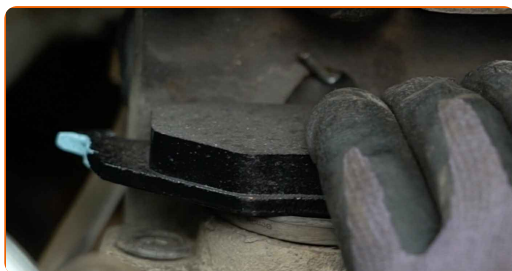
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

- 21** Treat the brake pads in the area where their surface comes into contact with the brake caliper bracket. Use anti-squeal paste.

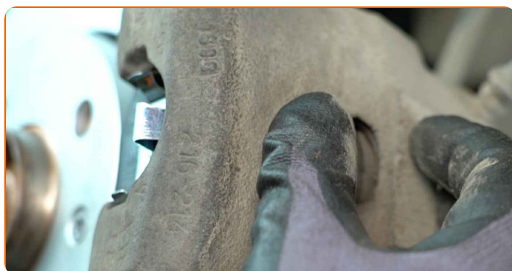
Replacement: brake discs – VW Lupo 6X1. AUTODOC recommends:

- Make sure the disc surface is clean before installing the pads.

- 22** Install the brake pads.

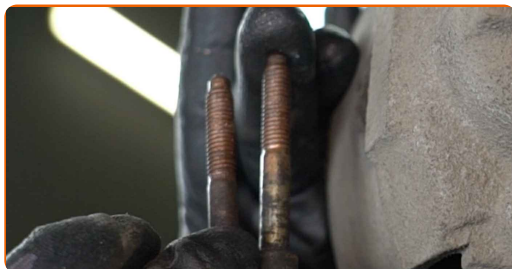


- 23** Install the brake caliper and fix it.



24

Install the fastening bolts.



25

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



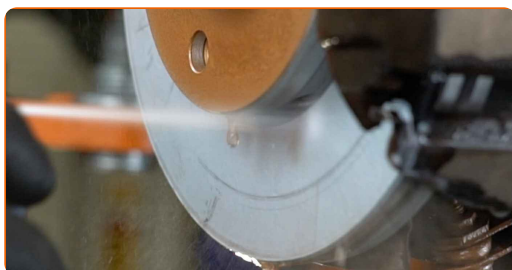
26

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



27

Clean the brake disk surface. Use a brake cleaner.

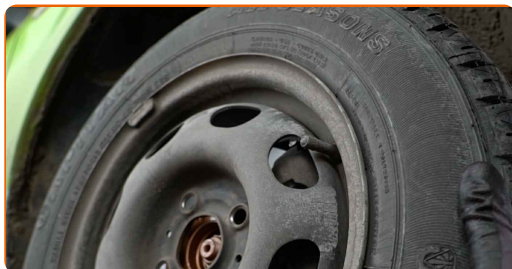


AUTODOC recommends:

- Replacement: brake discs – VW Lupo 6X1. After applying the spray, wait a few minutes.

28

Install the wheel.

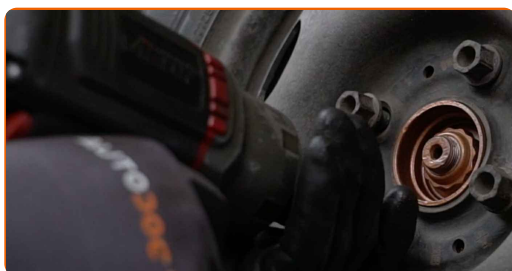


AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. VW Lupo 6X1

29

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



30

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.



31

Remove the jacks and chocks.

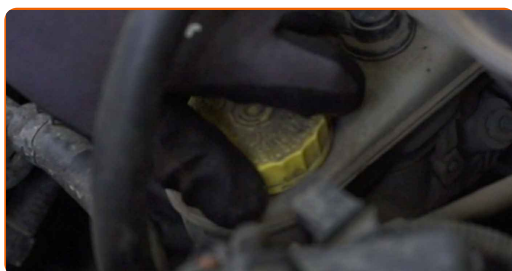


Replacement: brake discs – VW Lupo 6X1. Tip from AUTODOC:

- 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.

32

Tighten the brake fluid reservoir cap. Close the hood.



WELL DONE! 👍

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