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# How to change rear brake discs on **VW BORA**– replacement guide







## SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

# i Important!

This replacement procedure can be used for: VW BORA 2.0

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 POLO (9N\_) 1.4 16V

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# REPLACEMENT: BRAKE DISCS – VW BORA. LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Brake caliper guide pins grease
- Copper grease
- Sealant
- Combination spanner #13
- Combination spanner #15

- HEX bit No.H8.
- Wheel impact socket #17
- Brake caliper wind back tool
- Ratchet wrench
- Torque wrench
- Phillips screwdriver
- Crow bar
- Wheel chock

**Buy tools** 

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#### **AUTODOC** recommends:

- Replace the brake disks on the car VW BORA 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 BORA. RECOMMENDED SEQUENCE OF STEPS:

- Open the bonnet. Unscrew the brake fluid reservoir cap.
- 2 Secure the wheels with chocks.
- Loosen the wheel mounting bolts. Use wheel impact socket #17.



Raise the rear of the car and secure on supports.

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5 Unscrew the wheel bolts.



#### **AUTODOC** recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. VW BORA
- Remove the wheel.



- Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.
- Unscrew the brake caliper fastening. Use a combination spanner #13. Use a combination spanner #15.



Spread the brake pads. Use a crowbar.

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10 Remove the brake caliper. Use a crowbar.



#### Replacement: brake discs – VW BORA. Professionals 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.
- Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.
- Unscrew the caliper bracket fastening. Use HEX No.H8. Use a ratchet wrench.

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13 Remove the caliper bracket.



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



Unscrew the brake disc fastening. Use a Phillips screwdriver.



16 Remove the brake disc.

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

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18 Install the brake disc.



Tighten the brake disc fastening. Use a Phillips screwdriver. Use a torque wrench. Tighten it to 4 Nm torque.



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



#### **AUTODOC** recommends:

- Replacement: brake discs VW BORA. After applying the spray, wait a few minutes.
- Clean the brake caliper guide pins.
- Treat the brake caliper guide pins. Use the brake caliper guide pin grease.
- Treat the fastening bolts. Use a sealant.

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- Install the brake caliper bracket.
- Tighten the brake caliper bracket. Use HEX No.H8. Use a torque wrench. Tighten it to 80 Nm torque.
- Treat the brake caliper piston. Use a brake cleaner.

## Replacement: brake discs – VW BORA. Tip from AUTODOC:

- After applying the spray, wait a few minutes.
- Press in the brake caliper piston. Use brake caliper wind back tool.
- Install the brake caliper and fix it. Use a combination spanner #13. Use a combination spanner #15. Use a torque wrench. Tighten it to 35 Nm torque.



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



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Clean the brake disk surface. Use a brake cleaner.



#### **AUTODOC** recommends:

 Replacement: brake discs – VW BORA. After applying the spray, wait a few minutes.

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Install the wheel.



#### AUTODOC recommends:

 Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. VW BORA

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



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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 120 Nm torque.



Remove the jacks and chocks.



## Replacement: brake discs – VW BORA. AUTODOC recommends:

• Check the brake fluid level in the expansion tank and refill if necessary.

Tighten the brake fluid reservoir cap.

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## Replacement: brake discs - VW BORA. Tip:

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

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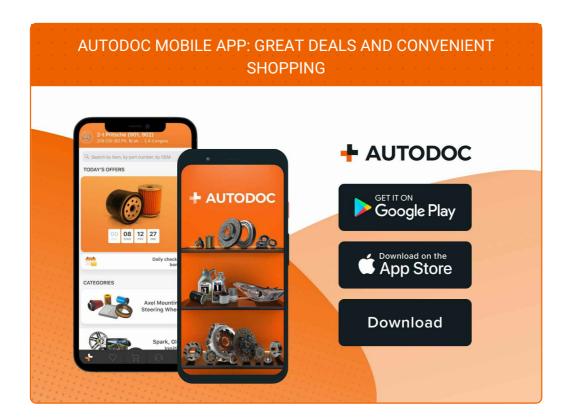
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