



How to change front ABS  
sensor on **VW BORA** –  
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:

VW BORA 1.8 Turbo

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 Golf IV Hatchback (1J1) 1.6

**REPLACEMENT: ABS SENSOR – VW BORA. TOOLS YOU MIGHT NEED:**



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Brake cleaner
- Electronic spray
- Copper grease
- Multipurpose grease
- Torque wrench
- Torx bit T30
- HEX bit No.H5
- HEX bit No.H7
- Wheel impact socket #17
- Ratchet wrench
- Flat screwdriver
- Pin punch
- Tap wrench
- Hammer
- Crow bar
- Wheel chock

**Buy tools**

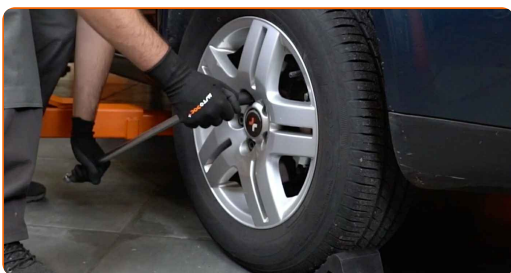
Replacement: ABS sensor – VW BORA. Tip from AUTODOC:

- All work should be done with the engine stopped.

**REPLACEMENT: ABS SENSOR – VW BORA. TAKE THE FOLLOWING STEPS:**

**1** Secure the wheels with chocks.

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



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

**4** Unscrew the wheel bolts.



AUTODOC recommends:

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

**5** Remove the wheel.



**6** Clean the ABS sensor fastener. Use a nylon cleaning brush. Use WD-40 spray.



**7** Detach the ABS sensor connector. Use a flat screwdriver.



**8** Clean the ABS sensor fastener. Use a wire brush. Use WD-40 spray.



9

Unscrew the ABS sensor fastener. Use HEX No.H5. Use a ratchet wrench.



10

Remove the caps from the brake caliper guide pin boots. Use a crowbar.



11

Unscrew the brake caliper fastening. Use HEX No.H7. Use a ratchet wrench. Use a tap wrench.



12

Spread the brake pads. Use a crowbar.



**13**

Remove the brake caliper.



**Replacement: ABS sensor – 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.

**14**

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



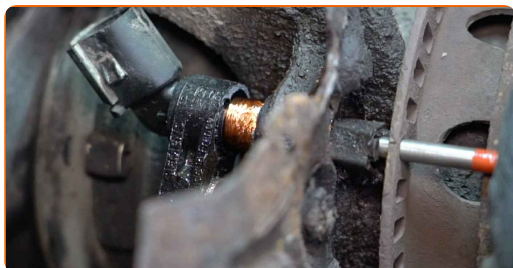
**15** Unscrew the brake disc fastening. Use Torx T30. Use a ratchet wrench.



**16** Remove the brake disc.



**17** Disconnect the ABS sensor. Use a pin punch. Use a hammer. Use a crowbar.



**18** Clean the ABS sensor mounting seat. Use a wire brush. Use WD-40 spray.





**19** Treat the ABS sensor fastener. Use a multipurpose grease.



**20** Connect the ABS sensor.



**21** Tighten the fastener that connects the ABS sensor to the steering knuckle. Use HEX No.H5. Use a torque wrench. Tighten it to 6 Nm torque.



**22** Treat the ABS sensor connector. Use dielectric grease.



**23** Attach the ABS sensor connector.



24

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



25

Install the brake disc.



26

Tighten the brake disc fastening. Use Torx T30. Use a torque wrench. Tighten it to 6 Nm torque.



27

Install the brake caliper and fix it. Use HEX No.H7. Use a torque wrench. Tighten it to 30 Nm torque.



**28** Install the caps on the brake caliper guide pin boots.



**29** Clean the wheel rim mounting seat. Use a wire brush.



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



**31** Clean the brake disk surface. Use a brake cleaner.



**AUTODOC recommends:**

- Replacement: ABS sensor – VW BORA. After applying the spray, wait a few minutes.

**32** Install the wheel.



**AUTODOC recommends:**

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

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



**34** 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.



35

Remove the jacks and chocks.



**WELL DONE!** 

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