



How to change front ABS  
sensor on **VW PASSAT**  
**(3B2)** – 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 PASSAT (3B2) 1.6, VW PASSAT (3B2) 1.8, VW PASSAT (3B2) 1.8 T, VW PASSAT (3B2) 2.3 VR5, VW PASSAT (3B2) 2.8 V6 Syncro/4motion, VW PASSAT (3B2) 1.9 TDI, VW PASSAT (3B2) 2.8 V6, VW PASSAT (3B2) 1.8 Syncro/4motion, VW PASSAT (3B2) 1.9 TDI Syncro/4motion, VW PASSAT (3B2) 2.3 VR5 Syncro/4motion, VW PASSAT (3B2) 2.5 TDI, VW PASSAT (3B2) 2.5 TDI Syncro/4motion, VW PASSAT (3B2) 1.9 TDI 4motion, VW PASSAT (3B2) 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: AUDI A4 Saloon (8D2, B5) 1.6

**REPLACEMENT: ABS SENSOR – VW PASSAT (3B2).  
TOOLS YOU MIGHT NEED:**



- Wire brush
- WD-40 spray
- Brake cleaner
- Electronic spray
- Multipurpose grease
- Copper grease
- Torque wrench
- HEX bit No.H14
- Wheel impact socket #17
- Ratchet wrench
- Clip removal tool
- Flat screwdriver
- Tap wrench
- Pincers
- Wheel chock

**Buy tools**

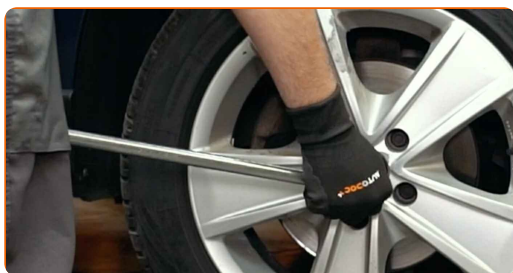
Replacement: ABS sensor – VW PASSAT (3B2). Tip:

- All work should be done with the engine stopped.

**REPLACEMENT: ABS SENSOR – VW PASSAT (3B2). USE THE FOLLOWING PROCEDURE:**

**1** Secure the wheels with chocks.

**2** Loosen the fastener of the driveshaft. Use HEX No.H14. Use a tap wrench.



**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.

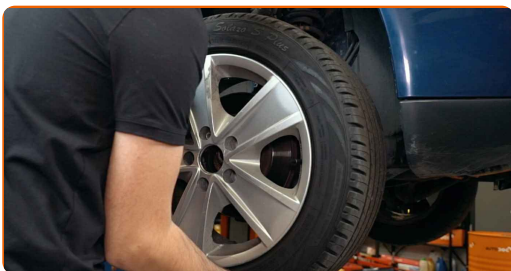


**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. VW PASSAT (3B2)

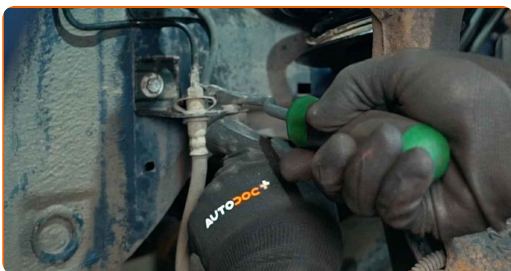
**6**

Remove the wheel.



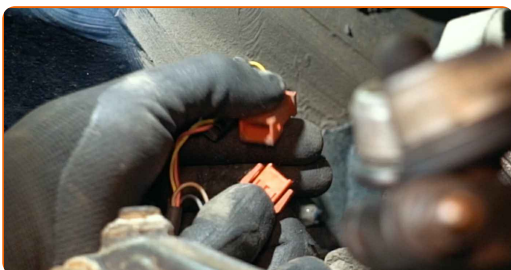
**7**

Disconnect the ABS sensor wiring. Use a clip removal tool.



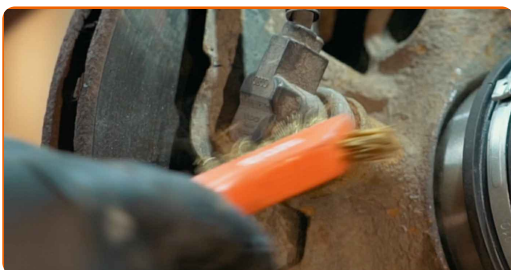
**8**

Detach the ABS sensor connector.

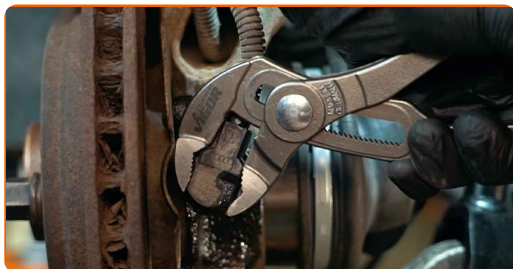


**9**

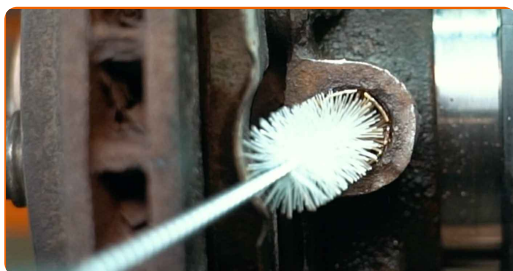
Clean the ABS sensor fastener. Use WD-40 spray.



**10** Disconnect the ABS sensor. Use pincers.



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



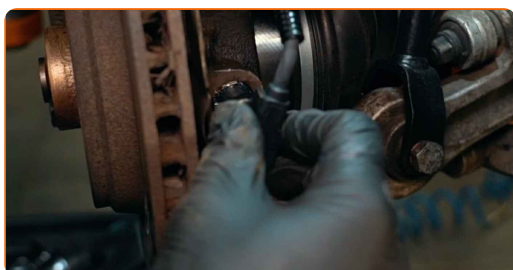
**AUTODOC recommends:**

- Replacement: ABS sensor – VW PASSAT (3B2). After applying the spray, wait a few minutes.

**12** Treat the ABS sensor fastener. Use a multipurpose grease. Use a flat screwdriver.



**13** Connect the ABS sensor.



**14** Connect the ABS sensor wiring.



**15** Unscrew the fastener connecting the drive shaft to the wheel hub. Use HEX No.H14. Use a ratchet wrench.

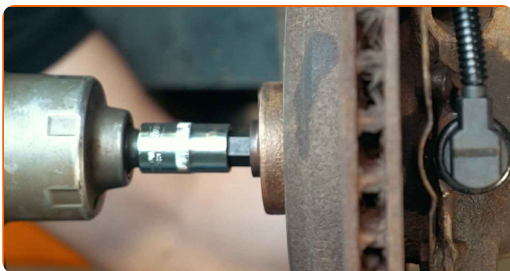


**16** Remove the fastening bolt.

Replacement: ABS sensor – VW PASSAT (3B2). Tip from AUTODOC experts:

- Make sure the ABS sensor is installed correctly.

**17** Install and tighten the drive shaft bolt. Use HEX No.H14. Use a ratchet wrench.





**18** Connect the ABS sensor wiring.



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

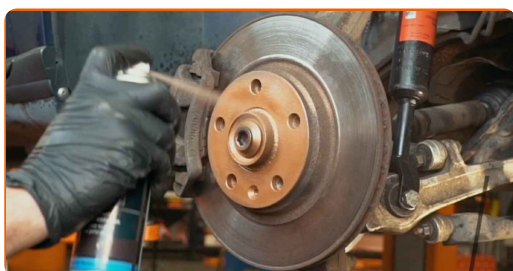
**20** Attach the ABS sensor connector.



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



**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:**

- 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 PASSAT (3B2)

**25**

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



**26**

Lower the car.

**27**

Tighten the bolt connecting the drive shaft to the wheel hub. Use HEX No.H14. Use a torque wrench. Tighten it to 115 Nm torque.+180°

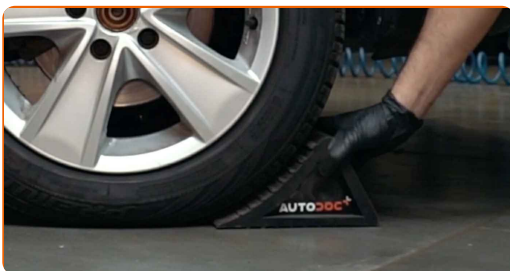
Replacement: ABS sensor – VW PASSAT (3B2). AUTODOC recommends:

- Important! Be sure to use new fasteners.

**28** Tighten the wheel bolts using a criss-cross pattern. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 Nm torque.



**29** Remove the jacks and chocks.



**WELL DONE!** 

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**ABS SENSOR: A WIDE SELECTION**

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