



How to change CV boot  
on **VW PASSAT Variant**  
**(3B5)** – 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 Variant (3B5) 1.6, VW PASSAT Variant (3B5) 1.8, VW PASSAT Variant (3B5) 1.8 T, VW PASSAT Variant (3B5) 2.3 VR5, VW PASSAT Variant (3B5) 1.9 TDI, VW PASSAT Variant (3B5) 1.8 Syncro/4motion, VW PASSAT Variant (3B5) 1.9 TDI Syncro/4motion, VW PASSAT Variant (3B5) 2.3 VR5 Syncro/4motion

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: CV BOOT – VW PASSAT VARIANT (3B5). TOOLS YOU MIGHT NEED:**



- Wire brush
- WD-40 spray
- All-purpose cleaning spray
- Brake cleaner
- Copper grease
- Torque wrench
- Combination spanner #16
- Drive socket # 16
- Drive socket # 17
- HEX bit No.H14
- Wheel impact socket #17
- Ratchet wrench
- Bush and bearing driver set
- Flat screwdriver
- Tap wrench
- Clic-R collar pliers
- Hammer
- Vice
- Crow bar
- Hydraulic transmission jack
- Wheel chock

**Buy tools**

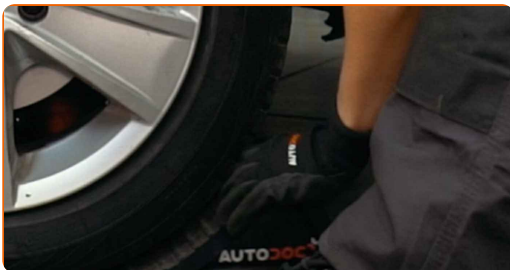
Replacement: cv boot – VW PASSAT Variant (3B5). AUTODOC experts recommend:

- The procedure for replacing the right- and left-side CV axle boots is identical.
- Replace CV axle boots in pairs.
- Check the condition of the CV joints each time you replace CV axle boots. Replace the CV joints if necessary.
- Please note: all work on the car – VW PASSAT Variant (3B5) – should be done with the engine switched off.

## CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

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.



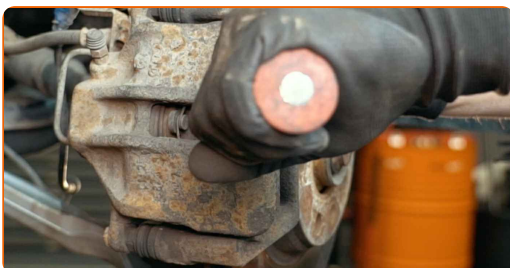
**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. VW PASSAT Variant (3B5)

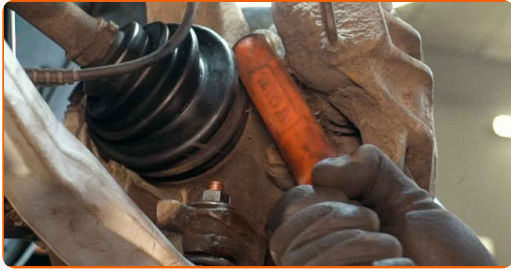
**6** Remove the wheel.



**7** Spread the brake pads. Use a crowbar.



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



**9** Unscrew the caliper bracket fastening. Use a drive socket #17. Use a ratchet wrench. Use a tap wrench.



**10** Remove the brake caliper together with its bracket.

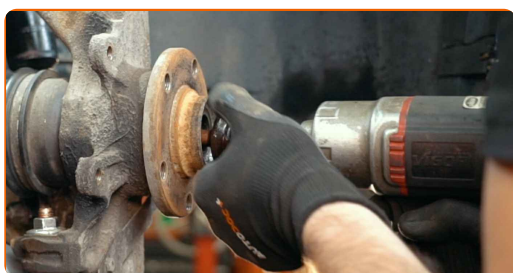
**Replacement: cv boot – VW PASSAT Variant (3B5). Professionals recommend:**

- 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.

**11** Remove the brake disc.



**12** Remove the fastening bolt. Use HEX No.H14. Use a ratchet wrench.



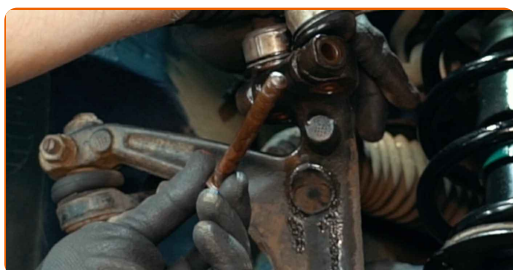
**13** Prop up the steering knuckle. Use a hydraulic transmission jack.

**14** Clean all joints of the arm. Use a wire brush. Use WD-40 spray.

**15** Unscrew the upper arm fastenings. Use a combination spanner #16. Use a drive socket #16. Use a ratchet wrench.



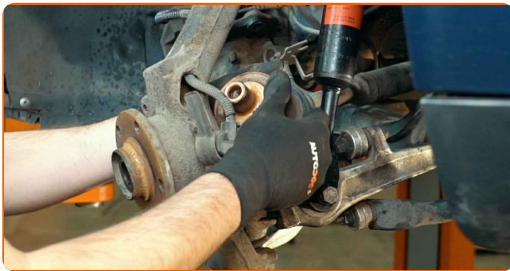
**16** Remove the fastening bolt.



**17** Remove the control arms. Use a crowbar.



**18** Detach the driveshaft from the steering knuckle.

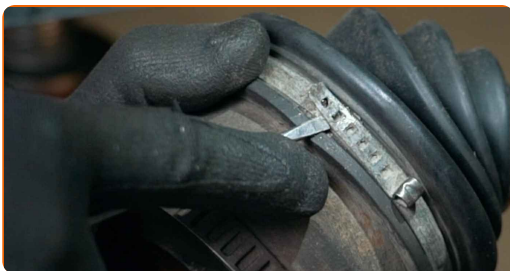


Replacement: cv boot – VW PASSAT Variant (3B5). Tip from AUTODOC:

- Make sure that the drive shaft is not unloaded (when the car is jacked).

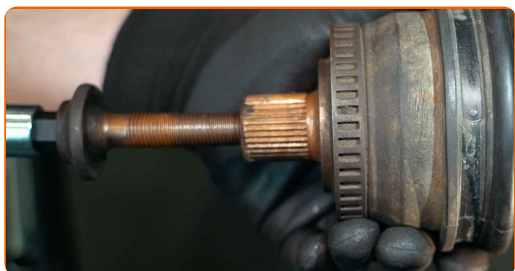
**19** Clean the clamps of the CV joint boot. Use a wire brush. Use WD-40 spray.

**20** Detach the clamps of the CV joint boot. Use a flat screwdriver.

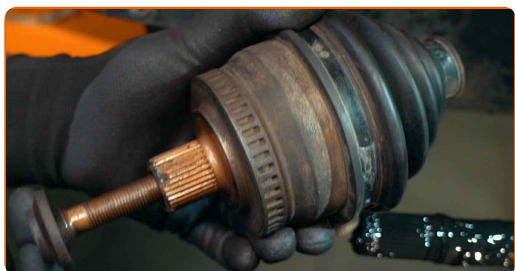




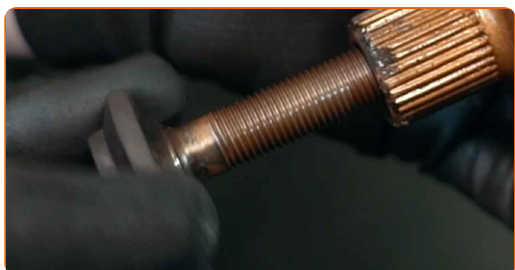
**21** Install and tighten the drive shaft bolt. Use HEX No.H14. Use a ratchet wrench.



**22** Remove the CV joint together with its boot.



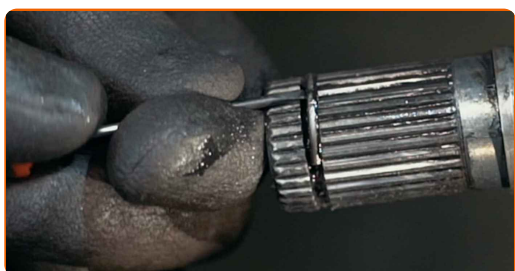
**23** Remove the fastening bolt. Use HEX No.H14. Use a ratchet wrench.



**24** Clean the CV joint mounting seat. Use all-purpose cleaning spray.



**25** Remove the CV joint circlip. Use a flat screwdriver.



**26** Install the CV joint together with the boot in a vice.



**27** Detach the CV joint boot.



**28** Remove the CV joint bearing. Use a crowbar.



**29** Clean the CV joint mounting seat. Use all-purpose cleaning spray.



**30** Remove the CV joint circlip.

**31** Clean the CV joint mounting seat. Use all-purpose cleaning spray.

**32** Install the CV joint bearing.



**33** Loosen the vice and remove the CV joint.

**34** Pack the CV joint with the grease supplied in the kit.



**35** Move the inner race of the CV joint from side to side to bed it in.

**36** Install the CV joint boot on the CV axle. Use a flat screwdriver.



**37** Install the CV joint circlip.



**38** Install the CV joint. Use a bush and bearing driver set. Use a hammer.



**39** Move the inner race of the CV joint from side to side to bed it in.



**40** Clean the splines of the drive shaft CV joint. Use all-purpose cleaning spray.

**41** Install the boot on the CV joint.

**42** Attach the clamps of the CV joint boot. Use a flat screwdriver. Use clic-R collar pliers. Use a hammer.



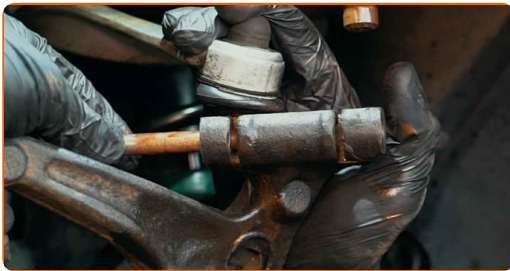
**43** Install the drive shaft.



**44** Install the control arms.

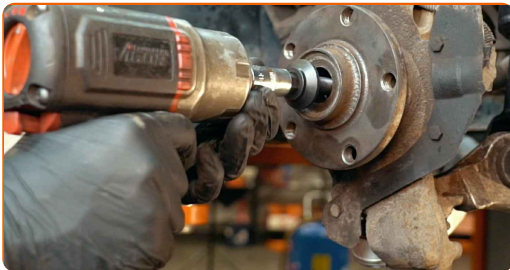


**45** Install the fastening bolt.



**46** Tighten the upper arm fastenings. Use a combination spanner #16. Use a drive socket #16. Use a torque wrench. Tighten it to 40 Nm torque.

**47** Install and tighten the drive shaft bolt. Use HEX No.H14.



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

**49** Remove the support from under the steering knuckle.

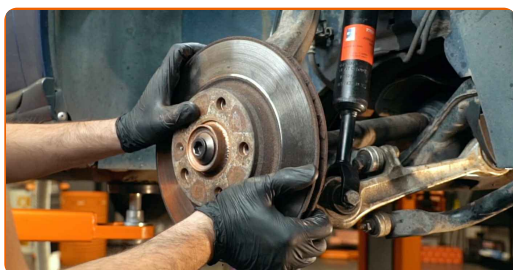


**AUTODOC recommends:**

- Replacement: cv boot – VW PASSAT Variant (3B5). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

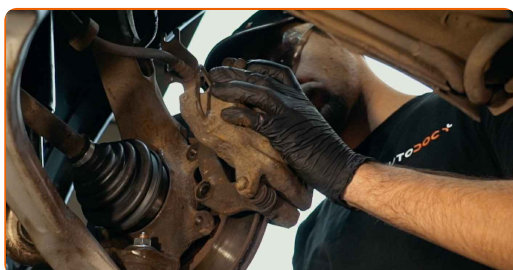
**50**

Install the brake disc.



**51**

Install the brake caliper together with its bracket.

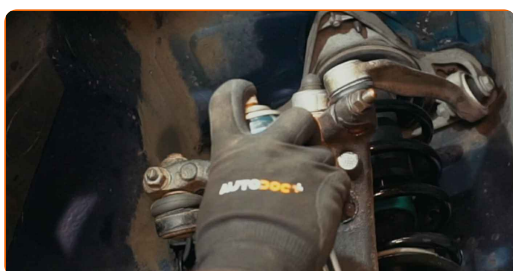


**52**

Tighten the brake caliper bracket. Use a drive socket #17. Use a torque wrench. Tighten it to 125 Nm torque.

**53**

Treat all joints of the arm. Treat the steering knuckle fasteners. Use copper grease.



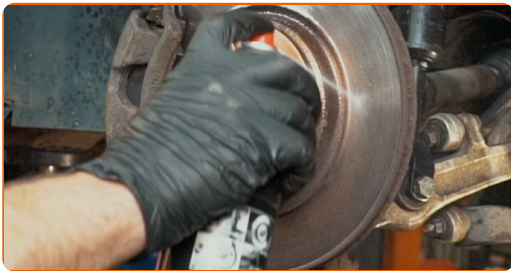
**54**

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



**55**

Clean the brake disk surface. Use a brake cleaner.



**AUTODOC recommends:**

- Replacement: cv boot – VW PASSAT Variant (3B5). After applying the spray, wait a few minutes.

**56**

Install the wheel.



**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. VW PASSAT Variant (3B5)

57

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



58

Lower the car.

59

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°



**AUTODOC recommends:**

- Important! Be sure to use new fasteners.

60

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





61

Remove the jacks and chocks.

**WELL DONE!** 

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**CV BOOT: A WIDE SELECTION**

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