



How to change CV joint  
on **VW Passat CC (357)** –  
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 CC (357) 1.4 TSI MultiFuel

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 Caddy III Van (2KA, 2KH, 2CA, 2CH) 2.0 SDI

**REPLACEMENT: CV JOINT – VW PASSAT CC (357).  
TOOLS YOU NEED:**



- Wire brush
- WD-40 spray
- All-purpose cleaning spray
- Brake cleaner
- Copper grease
- Torque wrench
- Drive socket # 16
- Drive socket # 19
- Drive socket # 27
- Wheel impact socket #17
- Ratchet wrench
- Tap wrench
- Bush and bearing driver set
- Flat screwdriver
- Clic-R collar pliers
- Hammer
- CV joint puller
- Crow bar
- Hydraulic transmission jack
- Wheel chock

**Buy tools**

**Replacement: CV joint – VW Passat CC (357). Tip from AUTODOC:**

- The CV joint replacement procedure is identical for the left and right CV axles.
- Replace the CV joints of CV axles in pairs.
- Please note: all work on the car – VW Passat CC (357) – should be done with the engine switched off.

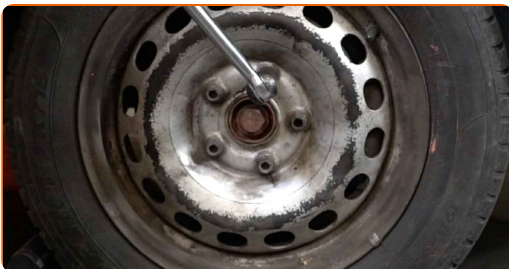
**CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:**

**1** Secure the wheels with chocks.

**2** Loosen the fastener of the driveshaft. Use a drive socket #27. 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:**

- Important! Hold the wheel while unscrewing the fastening bolts. VW Passat CC (357)

**6** Remove the wheel.



**7** Clean the stabiliser link fasteners. Use a wire brush. Use WD-40 spray.



**8** Unscrew the fastener connecting the stabilizer link to the shock strut. Use a drive socket #19. Use a ratchet wrench.



**9** Remove the stabilizer rod.



**10** Remove the fastening bolt.

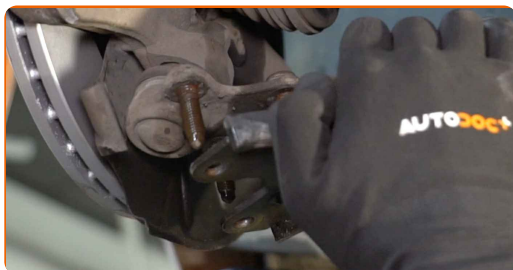
**11** Clean the fasteners connecting the ball joint to the suspension control arm. Use a wire brush. Use WD-40 spray.



**12** Unscrew the fastener connecting the ball joint to the suspension control arm. Use a drive socket #16. Use a ratchet wrench.



**13** Disconnect the spherical joint from the arm.



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



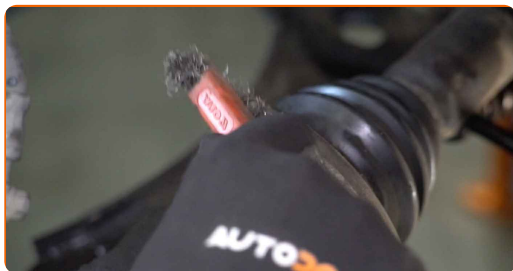
Replacement: CV joint – VW Passat CC (357). Professionals recommend:

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

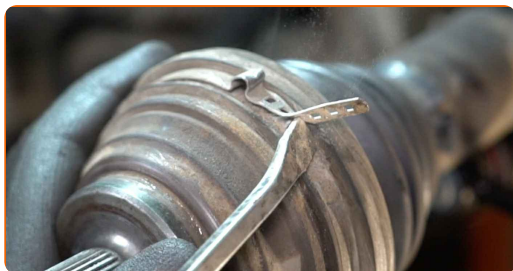
**15** Prop up the steering knuckle. Use a hydraulic transmission jack.



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



**17** Detach the clamps of the CV joint boot. Use a crowbar.



**18** Detach the CV joint boot.



**19** Attach the CV joint puller.



**20** Install and tighten the drive shaft bolt. Use a drive socket #27. Use a ratchet wrench.



**21** Detach the CV joint. Use a CV joint puller.

**22** Unscrew the fastener connecting the drive shaft to the wheel hub.





**23**

Remove the fastening bolt.

**24**

Remove the CV joint together with its boot.

**25**

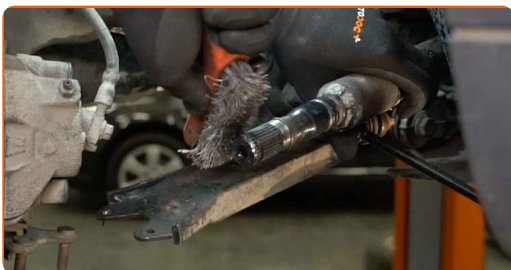
Clean the CV joint mounting seat. Use all-purpose cleaning spray.

**26**

Remove the CV joint circlip. Use a flat screwdriver.

**27**

Clean the splines of the drive shaft CV joint. Use a wire brush. Use all-purpose cleaning spray.



**28** Install the CV joint boot on the CV axle.



**29** Install the CV joint circlip.



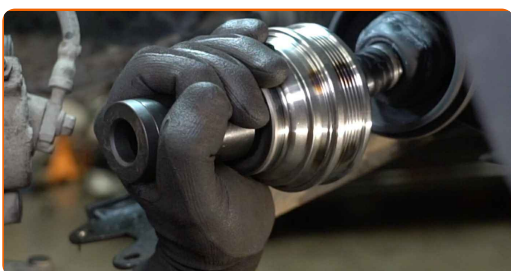
**30** Pack the CV joint with the grease supplied in the kit.



**31** Move the inner race of the new CV joint from side to side to get it ready to work.



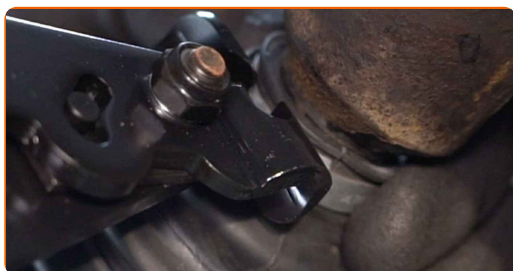
**32** Install the new CV joint. Use a bush and bearing driver set. Use a hammer.



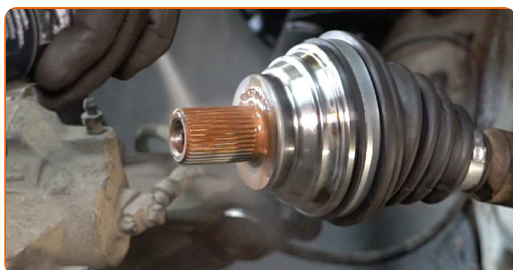
**33** Install the boot on the CV joint.



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



**35** Treat the splines of the driveshaft CV joint. Use copper grease.



**36** Clean the ball joint mounting seat. Use a wire brush. Use WD-40 spray.



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

**AUTODOC recommends:**

- Replacement: CV joint – VW Passat CC (357). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

**38**

Install the drive shaft.



**39**

Attach the ball joint to the control arm.



**40**

Screw in the fastener connecting the ball joint to the control arm. Use a drive socket #16. Use a ratchet wrench.



41

Install and tighten the drive shaft bolt. Use a drive socket #27. Use a ratchet wrench.



42

Tighten the fasteners connecting the ball joint to the control arm. Use a drive socket #16. Use a torque wrench. Tighten it to 60 Nm torque.



43

Clean the mounting seats of the stabiliser link. Use a wire brush. Use WD-40 spray.



44

Install the transverse stabilizer link.

45

Tighten the fastener connecting the stabilizer link to the shock strut. Use a drive socket #19. Use a torque wrench. Tighten it to 60 Nm torque.



- 46 Treat the shock strut fasteners. Treat the fasteners of the ball joint. Treat all joints of the stabiliser link. Use copper grease.



- 47 Clean the wheel rim mounting seat. Use a wire brush.



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



- 49 Clean the brake disk surface. Use a brake cleaner.



**AUTODOC recommends:**

- Replacement: CV joint – VW Passat CC (357). After applying the spray, wait a few minutes.

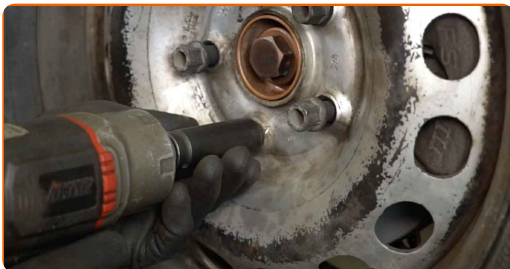
**50** Install the wheel.



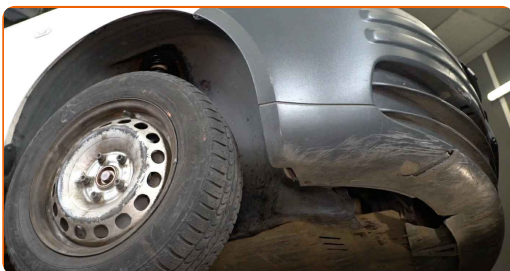
**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. VW Passat CC (357)

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



**52** Lower the car.



**53** Tighten the bolt connecting the drive shaft to the wheel hub. Use a drive socket #27. Use a torque wrench. Tighten it to 200 Nm torque. +180°



**AUTODOC recommends:**

- Important! Be sure to use new fasteners.

**54**

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



**55**

Remove the jacks and chocks.



**WELL DONE!** 

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