



How to change CV joint  
on **SEAT LEON ST Box  
Body / Estate (5F8)** –  
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:

SEAT LEON ST Box Body / Estate (5F8) 1.2 TSI, SEAT LEON ST Box Body / Estate (5F8) 2.0 TDI, SEAT LEON ST Box Body / Estate (5F8) 2.0 TDI 4Drive

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 – SEAT LEON ST BOX BODY / ESTATE (5F8). 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 – SEAT LEON ST Box Body / Estate (5F8). 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 – SEAT LEON ST Box Body / Estate (5F8) – should be done with the engine switched off.

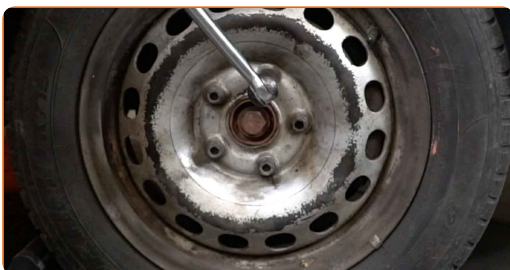
**CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:**

**1** Secure the wheels with chocks.

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

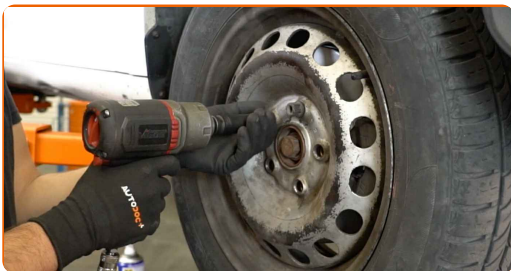


**3** Loosen the wheel mounting bolts. Use wheel impact socket #17.



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

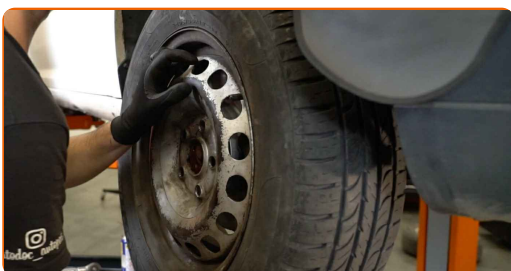
**5** Unscrew the wheel bolts.



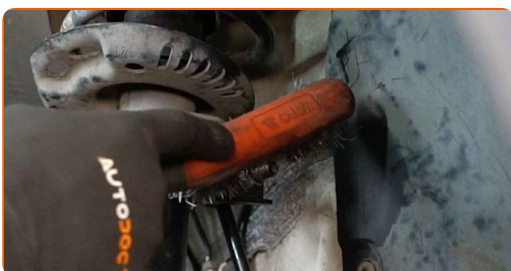
**AUTODOC recommends:**

- Important! Hold the wheel while unscrewing the fastening bolts. SEAT LEON ST Box Body / Estate (5F8)

**6** Remove the wheel.



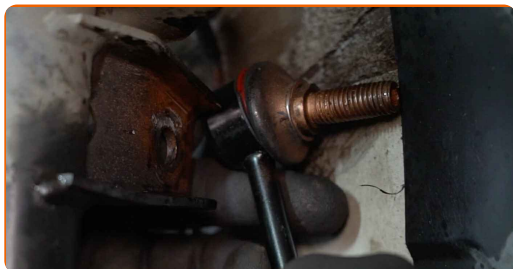
**7** Clean the stabiliser link fasteners. Use a wire brush. Use WD-40 spray.



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

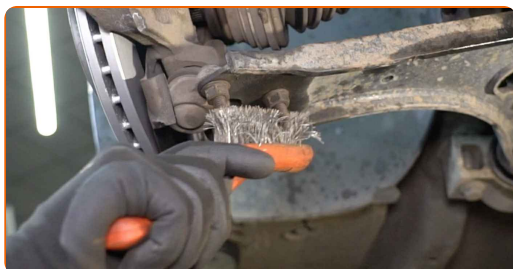


9 Remove the stabilizer rod.



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.



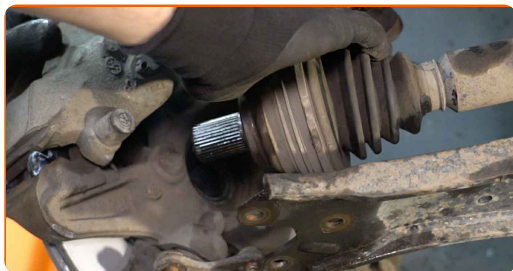
12 Unscrew the fastener connecting the ball joint to the suspension control arm. Use a drive socket #16. Use a ratchet wrench.



13 Disconnect the spherical joint from the arm.



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



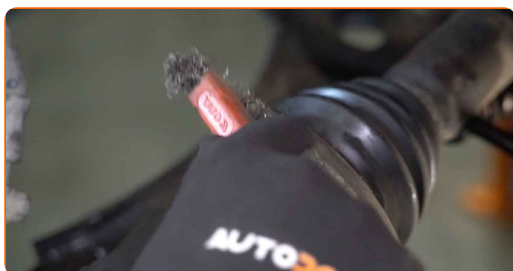
Replacement: CV joint – SEAT LEON ST Box Body / Estate (5F8).  
Professionals recommend:

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

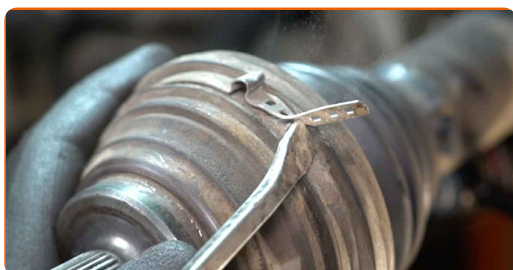
**15** Prop up the steering knuckle. Use a hydraulic transmission jack.



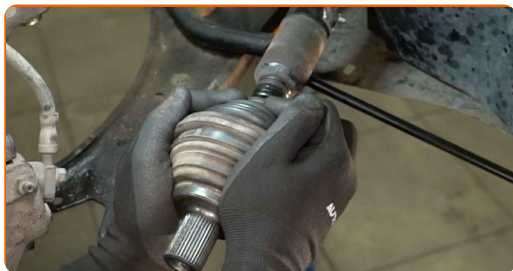
**16** Clean the clamps of the CV joint boot. Use a wire brush. Use WD-40 spray.



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



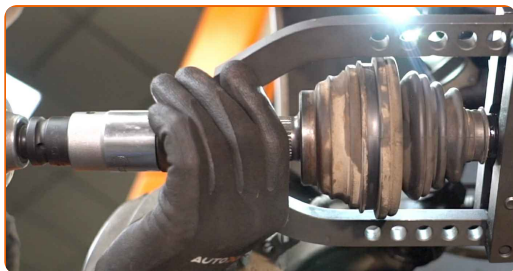
**18** Detach the CV joint boot.



**19** Attach the CV joint puller.

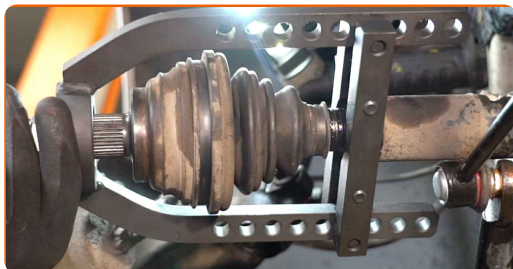


**20** Install and tighten the drive shaft bolt. Use a drive socket #27. Use a ratchet wrench.



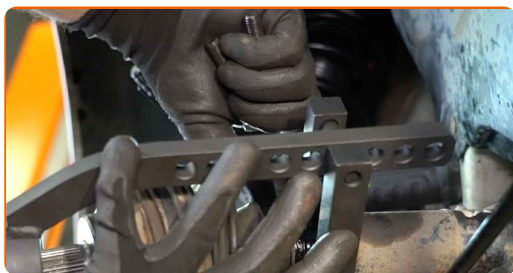
**21** Detach the CV joint. Use a CV joint puller.

**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.



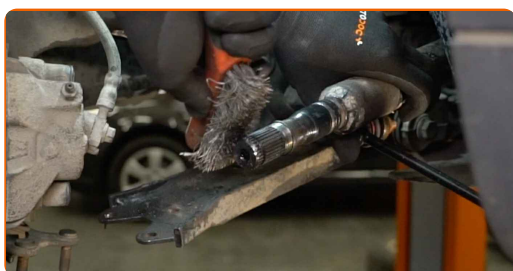
**25** Clean the CV joint mounting seat. Use all-purpose cleaning spray.



**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.



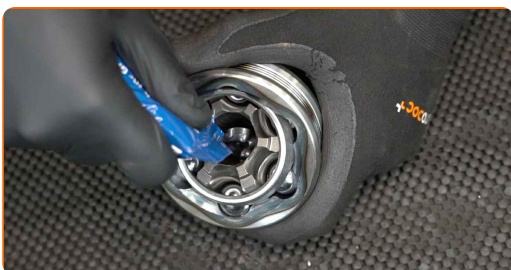
**28** Install the CV joint boot on the CV axle.



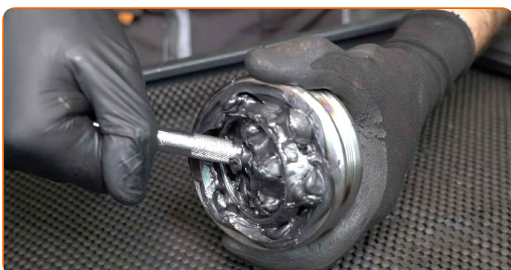
**29** Install the CV joint circlip.



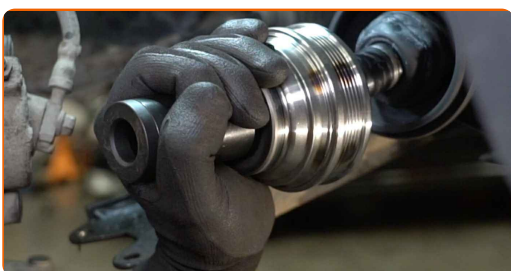
**30** Pack the CV joint with the grease supplied in the kit.



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



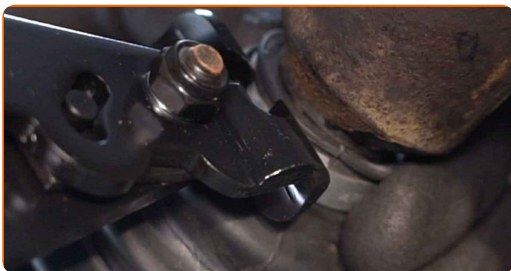
**32** Install the new CV joint. Use a bush and bearing driver set. Use a hammer.



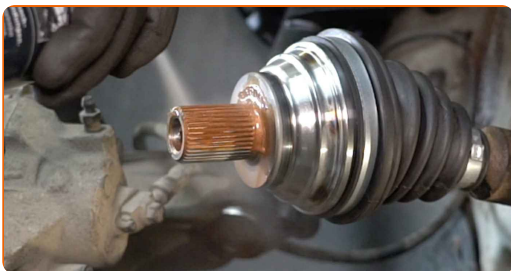
**33** Install the boot on the CV joint.



**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 – SEAT LEON ST Box Body / Estate (5F8). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

**38**

Install the drive shaft.



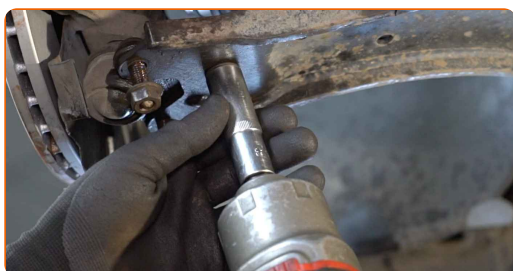
**39**

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.



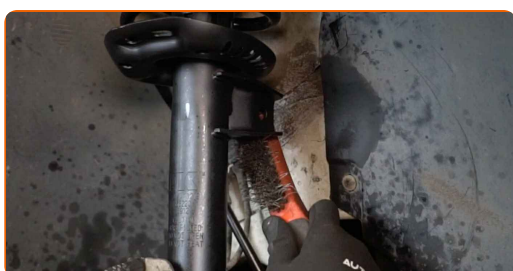
42

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.

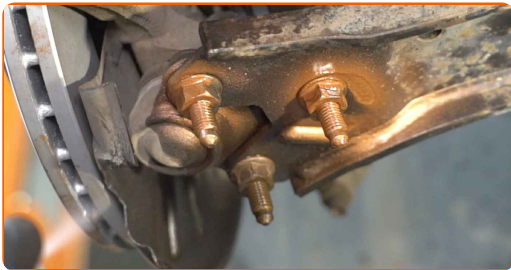
45

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.



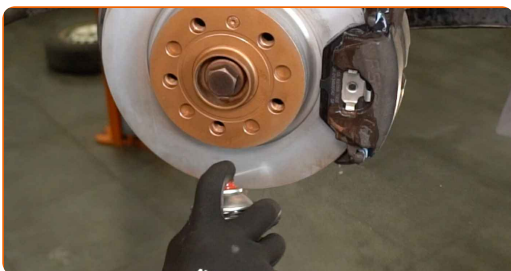
**48**

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 – SEAT LEON ST Box Body / Estate (5F8). After applying the spray, wait a few minutes.

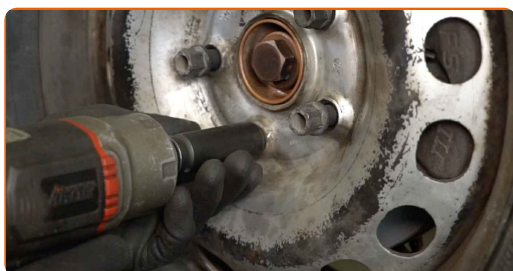
**50** Install the wheel.



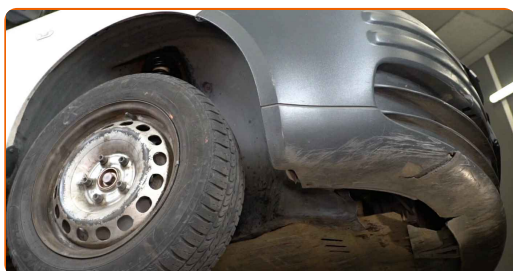
**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. SEAT LEON ST Box Body / Estate (5F8)

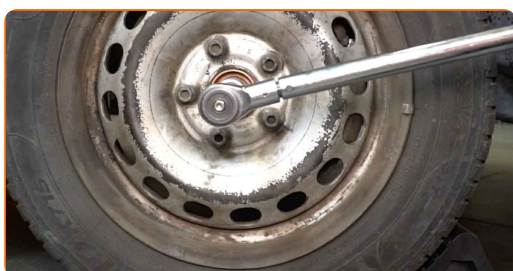
**51** Screw in the wheel bolts. Use wheel impact socket #17.



**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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