



How to change front
strut mount on **VW**
Sharan 1 – replacement
guide

VIDEO TUTORIAL

** Important!**

This replacement procedure can be used for:

VW PASSAT (3A2, 35I) 2.0, VW PASSAT (3A2, 35I) 1.6 TD, VW PASSAT (3A2, 35I) 1.9 D, VW PASSAT (3A2, 35I) 1.9 TD, VW PASSAT (3A2, 35I) 1.9 TDI, VW PASSAT (3A2, 35I) 1.8, VW PASSAT (3A2, 35I) 2.0 16V, VW PASSAT (3A2, 35I) 2.8 VR6, VW GOLF III (1H1) 1.9 D, VW GOLF III (1H1) 1.9 TDI, VW GOLF III (1H1) 1.6, VW GOLF III (1H1) 1.8, VW GOLF III (1H1) 2.0, VW GOLF III (1H1) 2.0 GTI 16V, VW GOLF III (1H1) 1.4, (+ 57)

The steps may slightly vary depending on the car design.

REPLACEMENT: STRUT MOUNT – VW SHARAN 1. LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Drive socket # 10
- Drive socket # 18
- Drive socket # 19
- Drive socket # 22
- Drive socket # 27
- Combination spanner #18
- HEX bit No.H6.
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Hammer
- Flat chisel
- Ball joint puller
- Fender cover
- Wheel chock

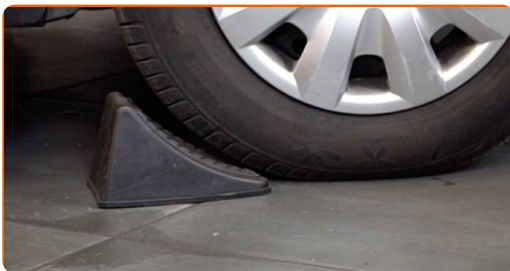
BUY TOOLS

Replacement: strut mount – VW Sharan 1. Tip from AUTODOC:

- The replacement procedure is identical for the mounts of the left and right shock struts of the front suspension.
- All mounts of the front shock struts should be replaced simultaneously.
- Please note: all work on the car – VW Sharan 1 – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

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 Sharan 1

5

Remove the wheel.

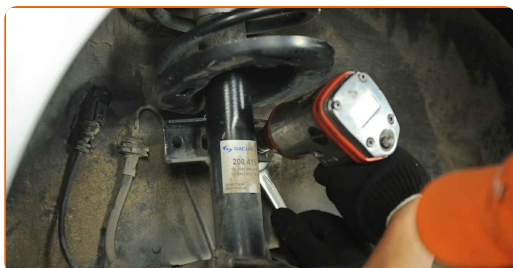


6

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

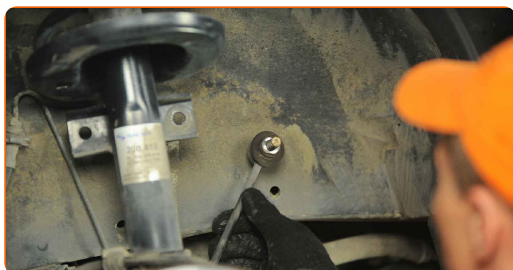
7

Unscrew the fastener connecting the stabilizer link to the shock strut. Use a combination spanner #18. Use a drive socket #19. Use a ratchet wrench.



8

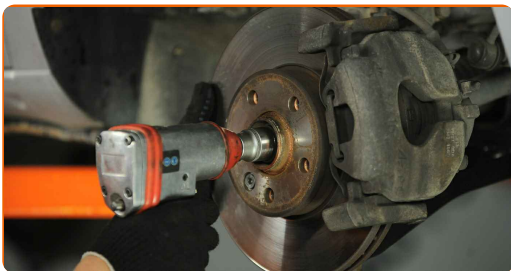
Remove the stabilizer rod.



9

Clean the fastener of the driveshaft. Use a wire brush. Use WD-40 spray.

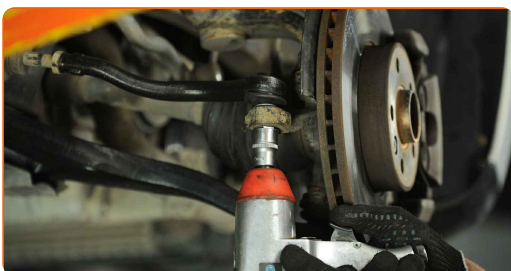
10 Unscrew the fastener connecting the drive shaft to the wheel hub. Use a drive socket #27. Use a ratchet wrench.



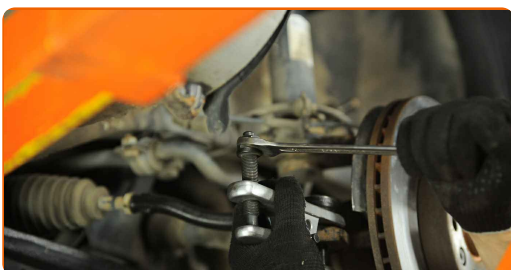
11 Remove the fastening bolt.

12 Clean the fastener connecting the tie rod end to the steering knuckle. Use a wire brush. Use WD-40 spray.

13 Unscrew the end fastening nut to the steering knuckle. Use a drive socket #19. Use a ratchet wrench.



14 Disconnect the tie rod end from the steering knuckle. Use a ball joint puller.

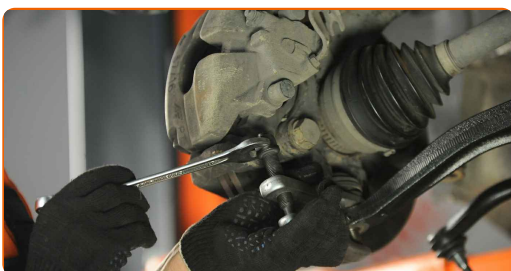


15 Clean the fasteners connecting the ball joint to the suspension control arm. Use a wire brush. Use WD-40 spray.

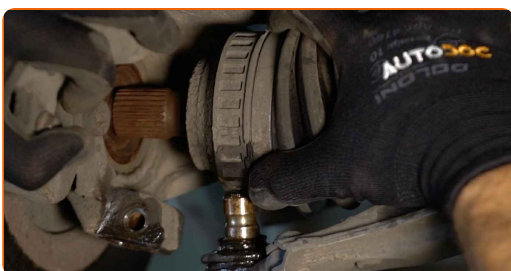
- 16** Unscrew the fastener connecting the ball joint to the suspension control arm. Use a drive socket #22. Use a ratchet wrench.



- 17** Disconnect the spherical joint from the arm. Use a ball joint puller.



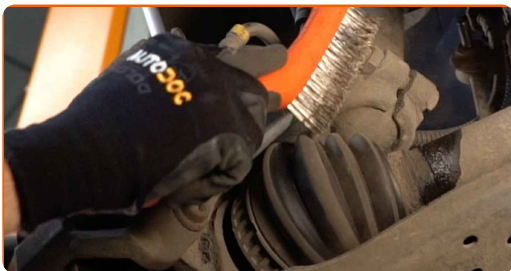
- 18** Remove the drive shaft.



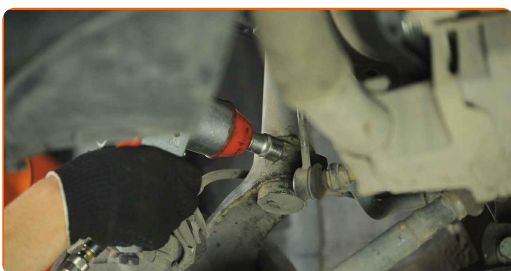
Replacement: strut mount – VW Sharan 1. Tip from AUTODOC:

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

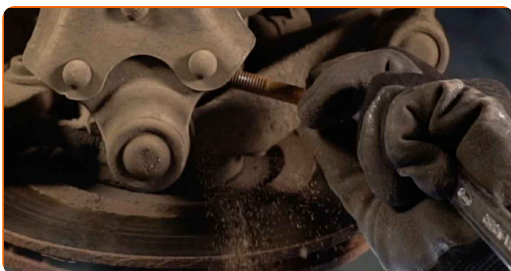
19 Clean the fasteners connecting the shock strut to the steering knuckle. Use a wire brush. Use WD-40 spray.



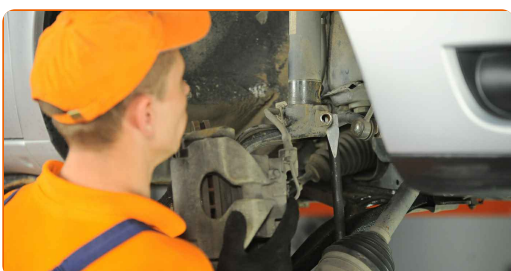
20 Unscrew the lower fastener connecting the shock strut to the steering knuckle. Use a drive socket #18. Use a ratchet wrench.



21 Remove the fastening bolt.

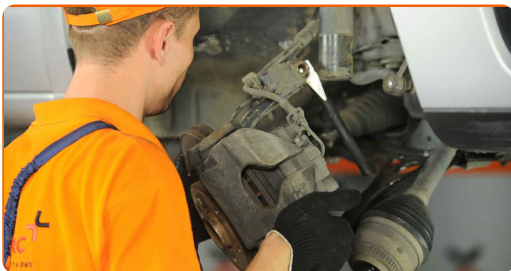


22 Release the lower fastener connecting the shock strut to the steering knuckle. Use a flat metal-working chisel. Use a hammer.



23

Disconnect the steering knuckle from the shock absorber strut.



Replacement: strut mount – VW Sharan 1. AUTODOC recommends:

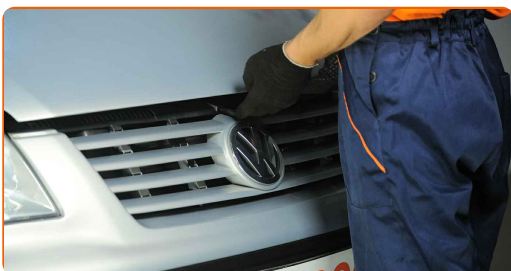
- Make sure that the steering knuckle is supported.

24

Lower the car.

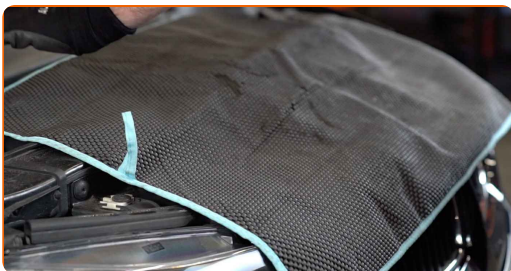
25

Open the bonnet.



26

Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.



27 Unscrew the fasteners of the windscreen wiper linkage panel. Use a drive socket #10. Use a ratchet wrench.

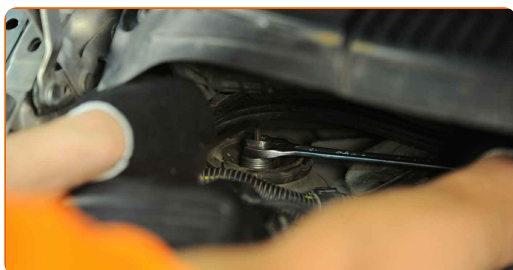


28 Remove the panel assembled with the windscreen wiper linkage.



29 Clean the fasteners of the shock strut upper mount. Use a wire brush. Use WD-40 spray.

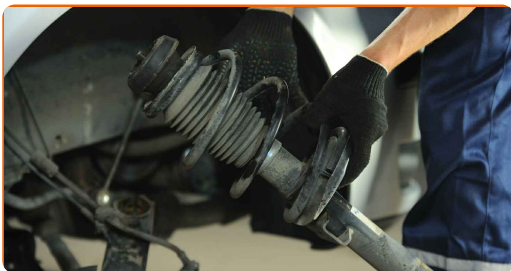
30 Unscrew the top fastening of the shock strut mount. Use a drive socket #19. Use HEX No.H6. Use a ratchet wrench.



AUTODOC recommends:

- Important! Hold the suspension strut while unscrewing the fastening bolts. VW Sharan 1

31 Remove the suspension strut.



32 Remove the top strut mount.

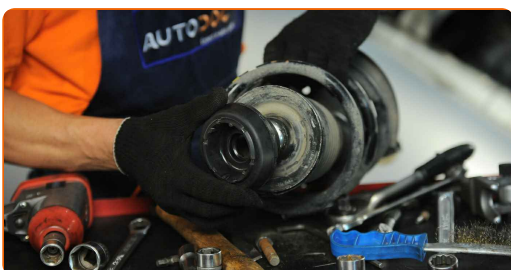


Replacement: strut mount – VW Sharan 1. Professionals recommend:

- Examine the shock absorber dust cap and the bump stop. Replace them if necessary.

33 Clean the mounting seat of the shock strut mount. Use a wire brush. Use WD-40 spray.

34 Install a new top shock strut mount.



35 Install the shock strut into the wheel arch.

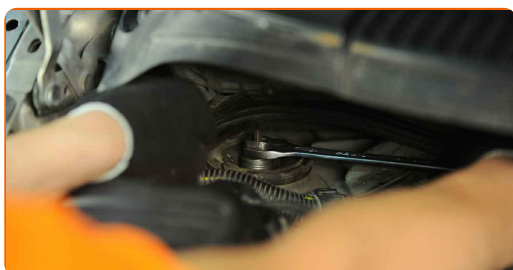


36 Screw the top fastening of the shock strut mount.

AUTODOC recommends:

- VW Sharan 1 – To avoid injury, hold the suspension strut while screwing in the fastening bolts.

37 Tighten the upper fastener of the shock absorber strut mount. Use a drive socket #19. Use HEX No.H6. Use a torque wrench. Tighten it to 60 Nm torque.



38 Install the panel assembled with the windscreen wiper linkage.



39 Screw in the fasteners of the windscreen wiper linkage panel. Use a drive socket #10. Use a ratchet wrench.



40 Remove the fender protection cover.

41 Close the hood.



42 Raise the front of the car and secure on supports.



43 Release the lower fastener connecting the shock strut to the steering knuckle. Use a flat metal-working chisel. Use a hammer.

44 Fix the shock absorber strut on the steering knuckle.



45 Attach the ball joint to the control arm.

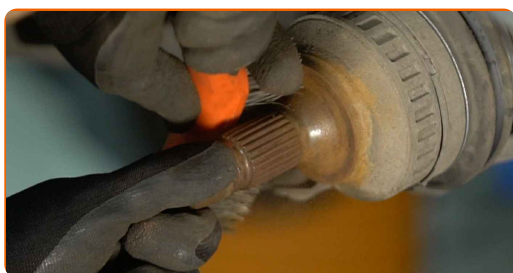
46 Tighten the ball joint fastener. Use a drive socket #22. Use a torque wrench. Tighten it to 30 Nm torque.+90°



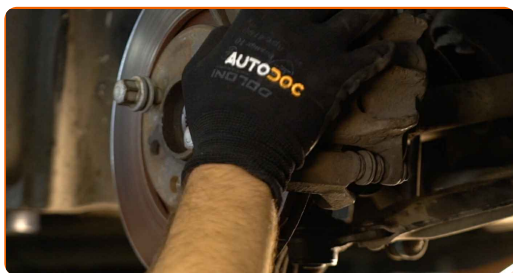
AUTODOC recommends:

- Important! Be sure to use new fasteners.

47 Clean the splines of the drive shaft CV joint. Use a wire brush. Use WD-40 spray.



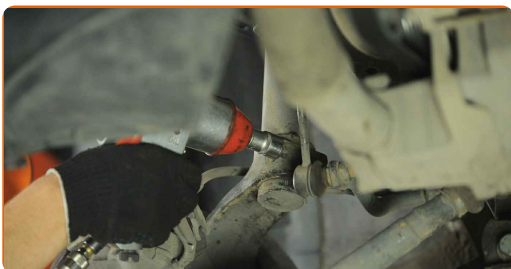
48 Mount the drive shaft into the wheel hub.



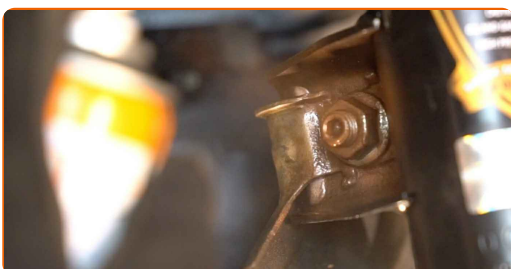
49 Release the lower fastener connecting the shock strut to the steering knuckle. Use a flat metal-working chisel. Use a hammer.

50 Install the fastening bolt.

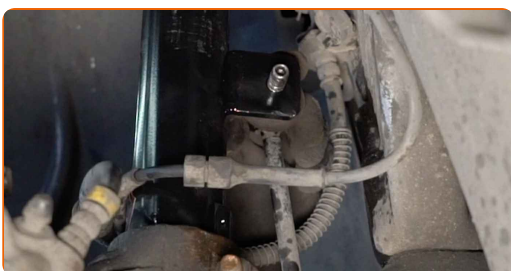
- 51 Tighten the lower fasteners connecting the shock strut to the steering knuckle. Use a drive socket #18. Use a torque wrench. Tighten it to 110 Nm torque.



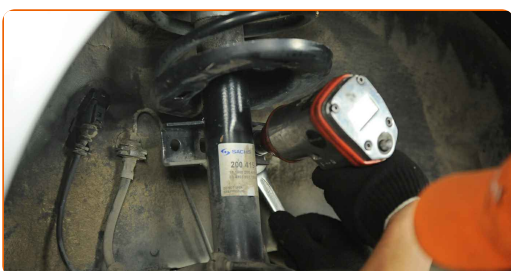
- 52 Treat the shock strut fasteners. Use copper grease.



- 53 Install the transverse stabilizer link.

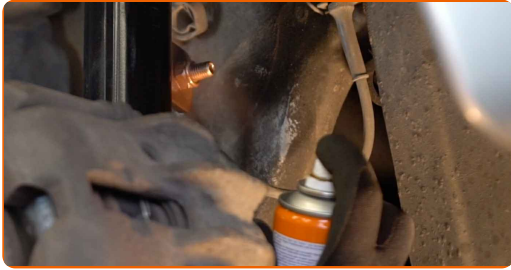


- 54 Tighten the fastener connecting the stabilizer link to the shock strut. Use a drive socket #19. Use a torque wrench. Tighten it to 62 Nm torque.



55

Treat all joints of the stabiliser link. Use copper grease.



56

Install and tighten the drive shaft bolt.

57

Tighten the bolt connecting the drive shaft to the wheel hub. Use a drive socket #27. Use a torque wrench. Tighten it to 150 Nm torque. +90°



AUTODOC recommends:

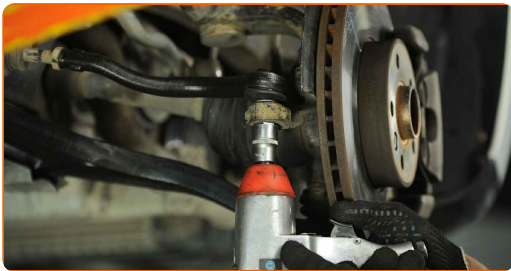
- Important! Be sure to use new fasteners.

58

Connect the tie rod end to the steering knuckle.

59

Tighten the fastening nut connecting the tie rod end to the steering knuckle. Use a drive socket #19. Use a torque wrench. Tighten it to 30 Nm torque. +90°

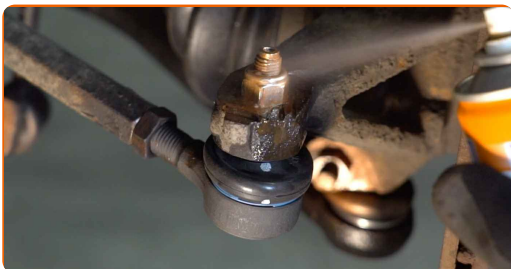


AUTODOC recommends:

- Important! Be sure to use new fasteners.

60

Treat the fastener connecting the tie rod end to the steering knuckle. Use copper grease.



61

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



62

Clean the brake disc surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: strut mount – VW Sharan 1. After applying the spray, wait a few minutes.

63

Install the wheel.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. VW Sharan 1

64

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



65

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 170 nm torque.



66

Remove the jacks and chocks.



WELL DONE! 

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