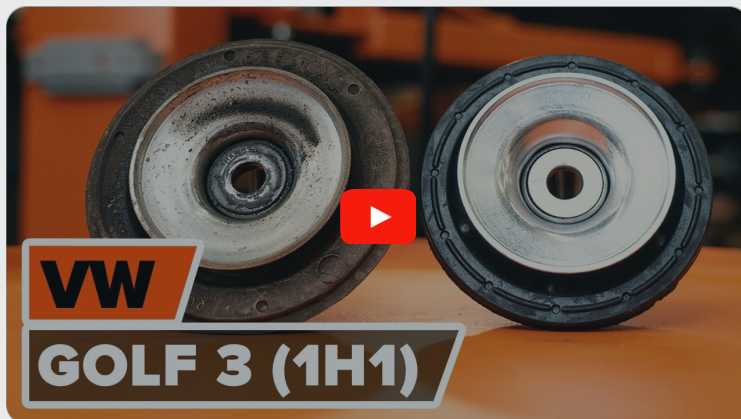




How to change front  
strut mount on **VW Golf**  
**3** – replacement guide

## VIDEO TUTORIAL



### Important!

This replacement procedure can be used for:

VW Passat B3/B4 Saloon (3A2, 35i) 1.8, VW Passat B3/B4 Saloon (3A2, 35i) 2.0, VW Passat B3/B4 Saloon (3A2, 35i) 1.6 TD, VW Passat B3/B4 Saloon (3A2, 35i) 1.9 D, VW Passat B3/B4 Saloon (3A2, 35i) 1.9 TD, VW Passat B3/B4 Saloon (3A2, 35i) 1.9 TDI, VW Passat B3/B4 Saloon (3A2, 35i) 1.8 G60 Syncro, VW Passat B3/B4 Saloon (3A2, 35i) 2.0 16V, VW Passat B3/B4 Saloon (3A2, 35i) 2.8 VR6, VW Corrado (53i) 2.0 i 16V, VW Corrado (53i) 2.9 VR6, VW Golf III Hatchback (1H1) 1.9 TD,GTD, VW Golf III Hatchback (1H1) 1.9 TDI, VW Golf III Hatchback (1H1) 1.4, VW Golf III Hatchback (1H1) 1.6, (+ 95)

The steps may slightly vary depending on the car design.

REPLACEMENT: STRUT MOUNT – VW GOLF 3. TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torque wrench
- Combination spanner #18
- Combination spanner #21
- Drive socket # 10
- 14.5-mm strut nut socket
- Drive socket # 18
- Drive socket # 21
- HEX bit No.H6.
- Wheel impact socket #17
- Ratchet wrench
- Tap wrench
- Hydraulic strut spring compressor
- Hydraulic transmission jack
- Fender cover
- Wheel chock

**BUY TOOLS**

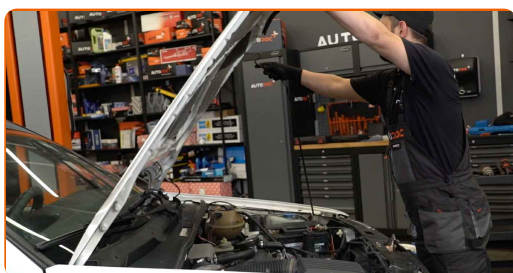
### Replacement: strut mount – VW Golf 3. Professionals recommend:

- 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 Golf 3 – should be done with the engine switched off.

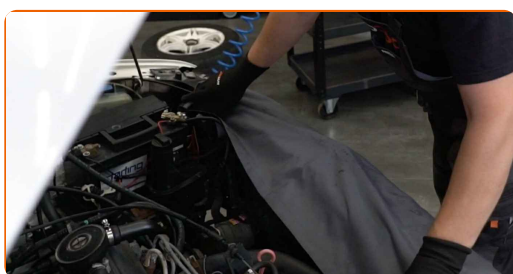
## CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

**1**

Open the bonnet.

**2**

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



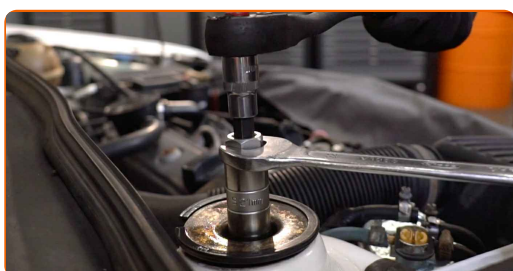
3

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



4

Loosen the upper fastener of the shock strut mount. Use HEX No.H6. Use a drive socket #21. Use a ratchet wrench.



5

Secure the wheels with chocks.



6

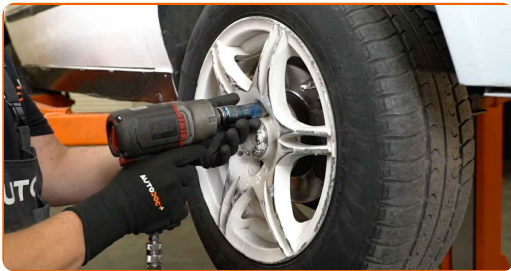
Loosen the wheel mounting bolts. Use wheel impact socket #17.



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



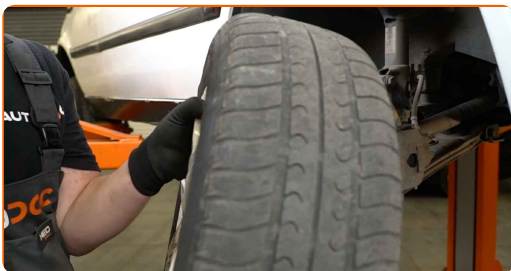
**8** Unscrew the wheel bolts.



Replacement: strut mount – VW Golf 3. Tip from AUTODOC experts:

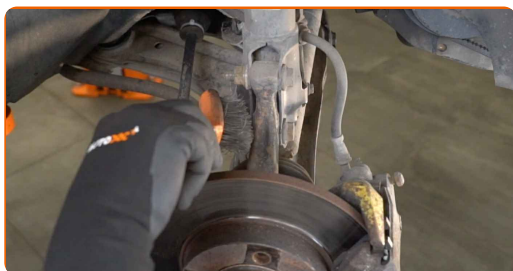
- To avoid injury, hold up the wheel when unscrewing the bolts.

**9** Remove the wheel.

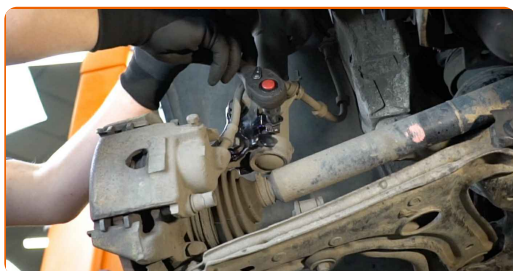


**10** Clean the fastener of the bracket that connects the brake hose to the shock strut.

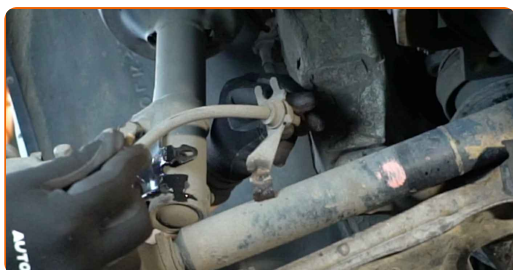
**11** Clean the fasteners connecting the shock strut to the steering knuckle. Use a wire brush. Use WD-40 spray.



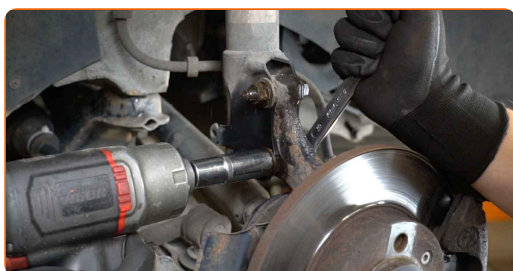
**12** Unscrew the brake hose fastening bracket from the shock strut. Use a drive socket #10. Use a ratchet wrench.



**13** Disconnect the brake hose mounting bracket.

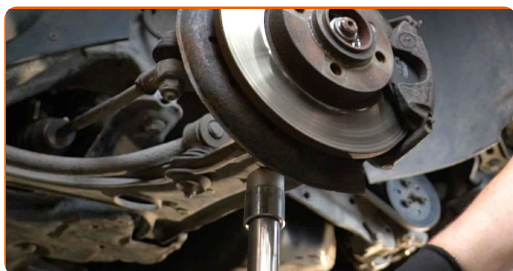


**14** Unscrew the fasteners connecting the suspension strut to the steering knuckle. Use a combination spanner #18. Use a drive socket #18. Use a ratchet wrench.

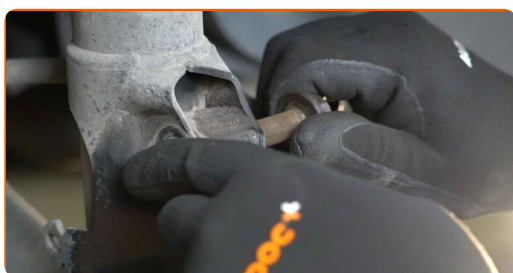




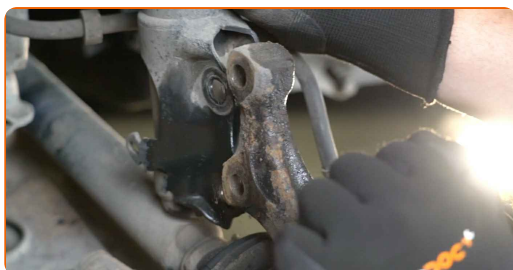
**15** Support the arm. Use a hydraulic transmission jack.



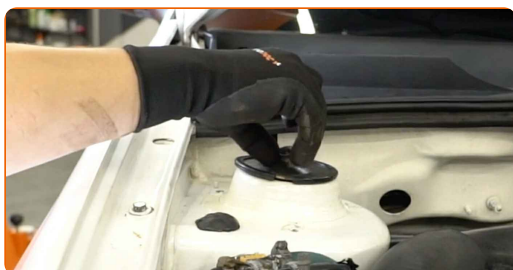
**16** Remove the fastening bolts.



**17** Disconnect the steering knuckle from the shock absorber strut.



**18** Unscrew the top fastening of the shock strut mount.



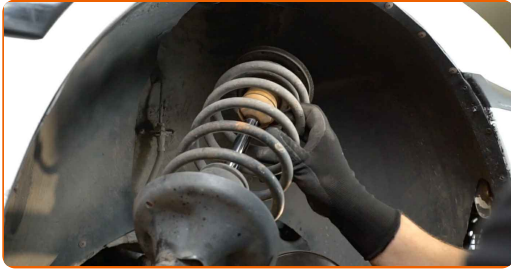
Replacement: strut mount – VW Golf 3. AUTODOC recommends:

- To avoid injuries, hold the shock strut when undoing the fastening bolts.



19

Remove the suspension strut.



20

Set the shock absorber strut on the spring compressor tool.



**Replacement: strut mount – VW Golf 3. Tip:**

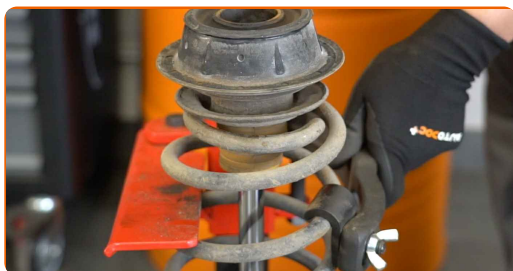
- Note that when using a spring compressor, spring coils need to be securely gripped, compressing the spring on the opposite sides.
- Ensure the correct position of the spring in the retainer.
- Make sure that the spring coils tightly entered the lock handles.

21

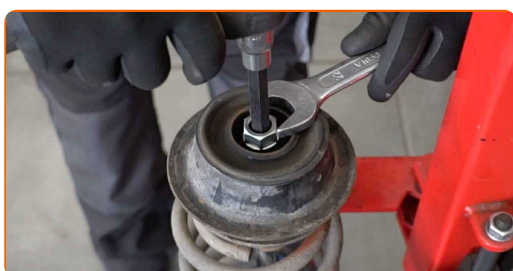
Treat the shock strut rod. Use a wire brush. Use WD-40 spray.



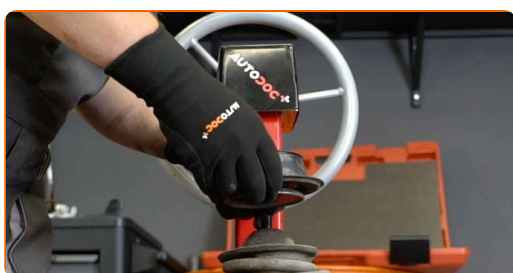
**22** Compress the spring.



**23** Remove the strut piston rod nut. Use a combination spanner #21. Use a 14.5-mm strut nut socket. Use a ratchet wrench.



**24** Remove the top strut mount.



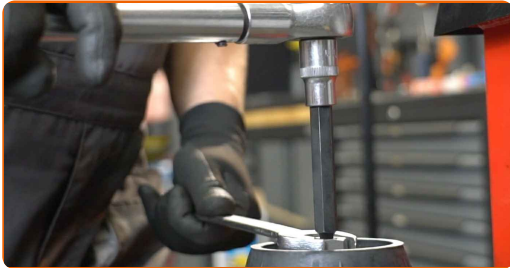
**Replacement: strut mount – VW Golf 3. Tip from AUTODOC:**

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

**25** Install the upper strut mount and the strut mount bearing.



- 26** Tighten the shock strut piston rod nut. Use a combination spanner #21. Use a 14.5-mm strut nut socket. Use a torque wrench. Tighten it to 60 Nm torque.



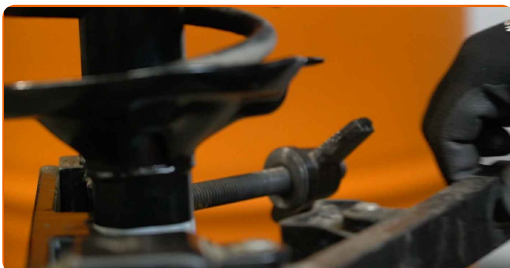
**Replacement: strut mount – VW Golf 3. Tip:**

- Check to make sure the spring is positioned correctly. Avoid its misalignment.

- 27** Treat the shock strut rod. Use copper grease.



- 28** Decompress the spring.



- 29** Remove the assembled shock strut.

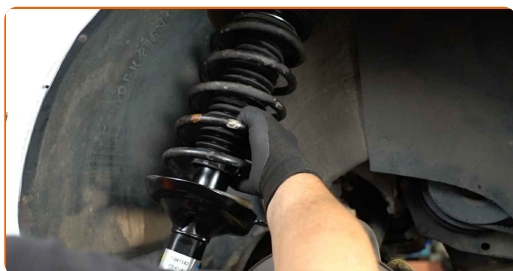
30

Clean the mounting seats of the shock strut. Use a wire brush. Use WD-40 spray.



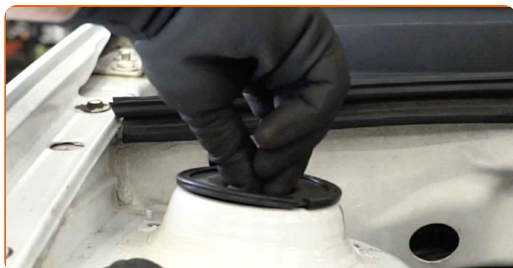
31

Install the shock strut into the wheel arch.



32

Screw the top fastening of the shock strut mount. Do not tighten it.



**AUTODOC recommends:**

- VW Golf 3 – To avoid injury, hold the suspension strut while screwing in the fastening bolts.

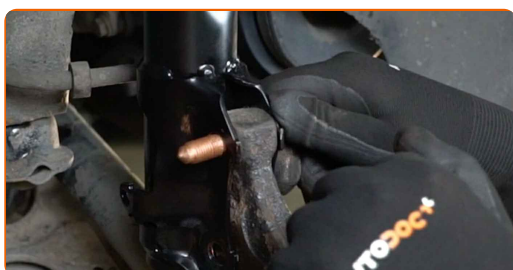
33

Clean the mounting seats of the shock strut. Use a wire brush. Use WD-40 spray.

**34** Fix the shock absorber strut on the steering knuckle.



**35** Install the fastening bolts.



**36** Screw in the fasteners connecting the suspension strut to the steering knuckle. Use a combination spanner #18. Use a drive socket #18. Use a tap wrench.



**37** Tighten the lower fasteners connecting the shock strut to the steering knuckle. Use a combination spanner #18. Use a drive socket #18. Use a torque wrench. Tighten it to 95 Nm torque.



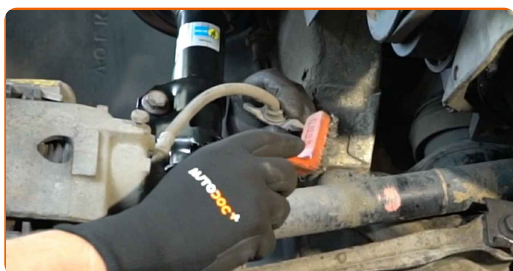
**38** Remove the support from under the arm.



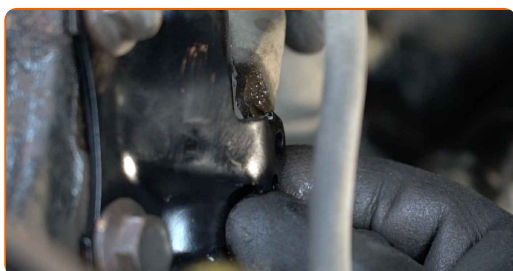
**AUTODOC recommends:**

- VW Golf 3 – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

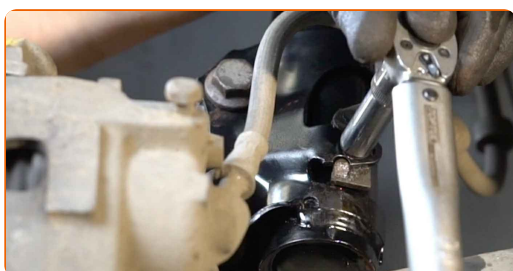
**39** Clean the brake hose mounting seat. Use WD-40 spray.



**40** Secure the brake hose fastening bracket.

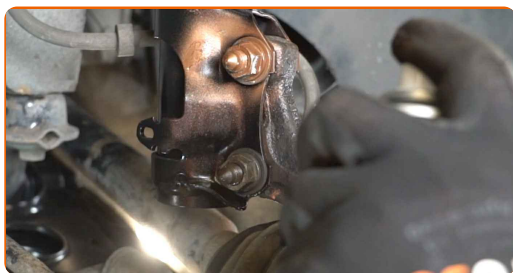


**41** Tighten the brake hose fastening bracket to the shock strut. Use a drive socket #10. Use a torque wrench. Tighten it to 13 Nm torque.

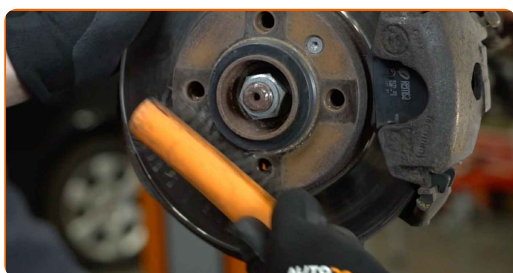




**42** Treat the shock strut fasteners. Use copper grease.



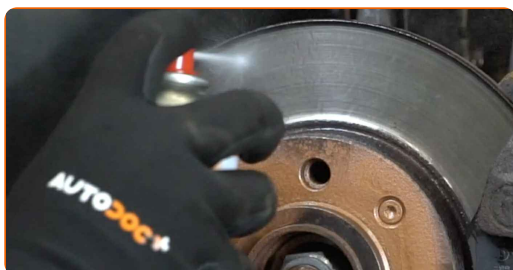
**43** Clean the wheel rim mounting seat. Use a wire brush.



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



**45** Clean the brake disk surface. Use a brake cleaner.



**AUTODOC recommends:**

- Replacement: strut mount – VW Golf 3. After applying the spray, wait a few minutes.



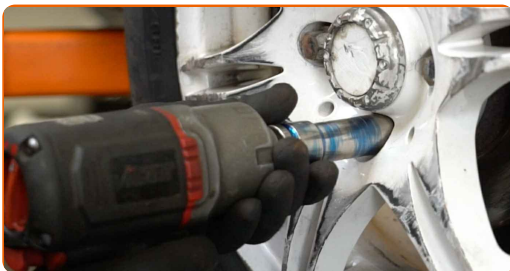
**46** Install the wheel.



Replacement: strut mount – VW Golf 3. AUTODOC experts recommend:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

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



**48** 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 110 nm torque.



**49** Remove the jacks and chocks.



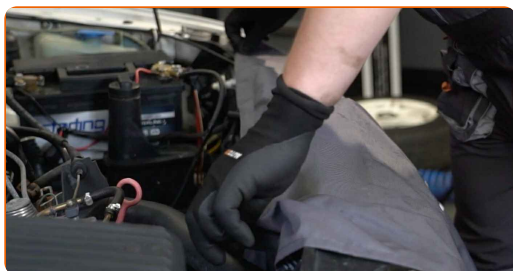
**50** Tighten the upper fastener of the shock absorber strut mount. Use HEX No.H6. Use a drive socket #21. Use a torque wrench. Tighten it to 60 nm torque.



**51** Treat the upper fastener of the suspension strut mount. Use copper grease.

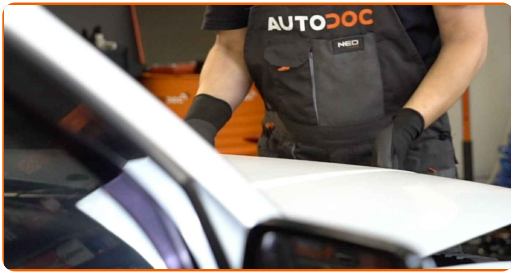


**52** Remove the fender protection cover.



53

Close the hood.



**WELL DONE!** 

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