



How to change rear strut  
mount on **VW PASSAT**  
**(3B3)** – replacement  
guide

### SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

#### **Important!**

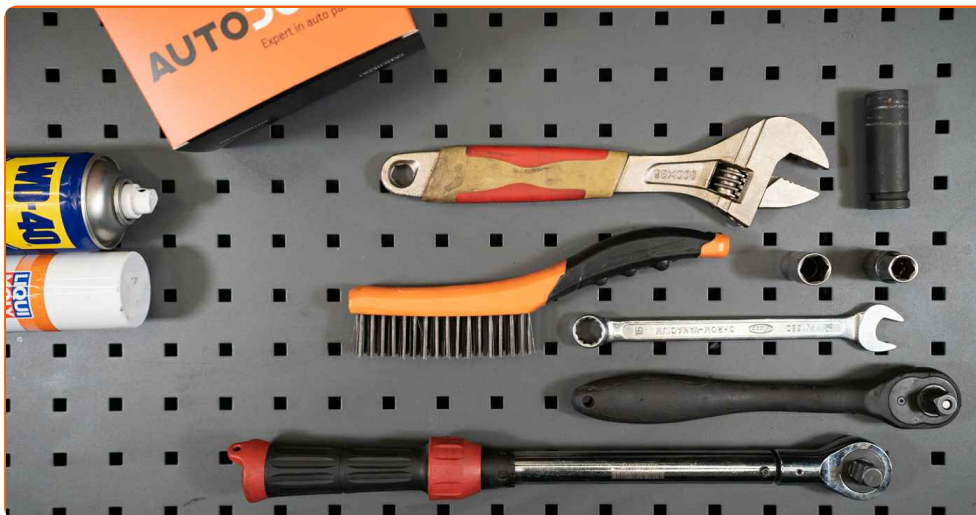
This replacement procedure can be used for:

VW PASSAT (3B3) 1.6, VW PASSAT (3B3) 1.9 TDI, VW PASSAT (3B3) 2.3 V5, VW PASSAT (3B3) 2.0, VW PASSAT (3B3) 2.5 TDI, VW PASSAT (3B3) 1.8 T 20V, VW PASSAT (3B3) 1.8 T, VW PASSAT (3B3) 2.0 TDI

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 PASSAT Variant (3B5) 1.8 T

**REPLACEMENT: STRUT MOUNT – VW PASSAT (3B3).  
TOOLS YOU'LL NEED:**



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #16
- Combination spanner #17
- Drive socket # 13
- Drive socket # 16
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Adjustable wrench
- Wheel chock

**Buy tools**

Replacement: strut mount – VW PASSAT (3B3). AUTODOC experts recommend:

- The replacement procedure is identical for the mounts of the right and left shock absorbers of the rear suspension.
- Both mounts of the rear shock struts should be replaced simultaneously.
- During the installation process, use only new bolts and nuts.
- All work should be done with the engine stopped.

**REPLACEMENT: STRUT MOUNT – VW PASSAT (3B3).  
RECOMMENDED SEQUENCE OF STEPS:**

**1** Secure the wheels with chocks.



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



**3** Raise the rear of the car and secure on supports.

**4** Unscrew the wheel bolts.

**AUTODOC recommends:**

- Important! Hold the wheel while unscrewing the fastening bolts. VW PASSAT (3B3)

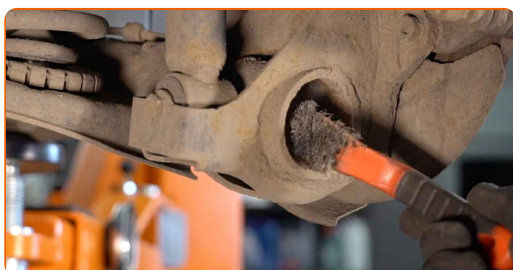
**5**

Remove the wheel.



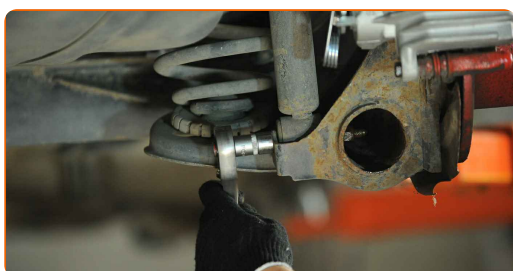
**6**

Clean the shock absorber fasteners. Use a wire brush. Use WD-40 spray.



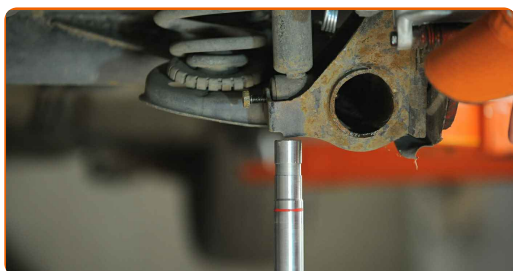
**7**

Unscrew the lower fastener of the shock absorber. Use a combination spanner #16. Use a drive socket #16. Use a ratchet wrench.



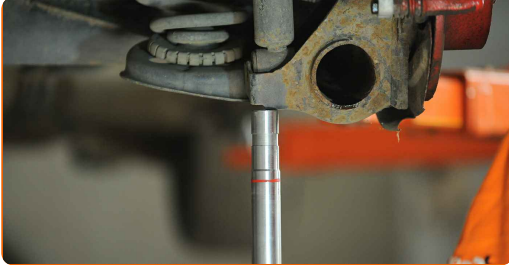
**8**

Secure the rear axle beam. Use a hydraulic transmission jack.



**9** Remove the fastening bolt.

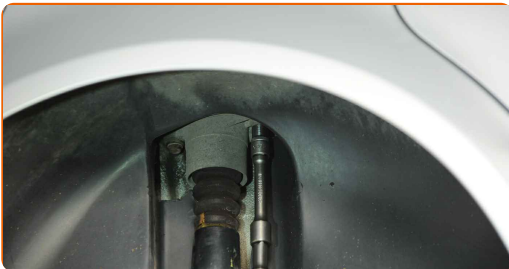
**10** Lower the hydraulic transmission jack by 10-15 cm.



**AUTODOC recommends:**

- Replacement: strut mount – VW PASSAT (3B3). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

**11** Unscrew the upper fastener of the shock absorber. Use a drive socket #13. Use a ratchet wrench. Use a tap wrench.



**12** Remove the shock absorber.



Replacement: strut mount – VW PASSAT (3B3). Tip from AUTODOC:

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

13

Clean the shock absorber rod fastener. Use a wire brush. Use WD-40 spray.



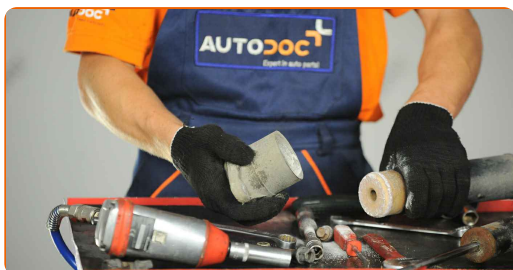
14

Remove the shock absorber piston rod fastening. Use a drive socket #17. Use a ratchet wrench.



15

Remove the top strut mount.



Replacement: strut mount – VW PASSAT (3B3). Professionals recommend:

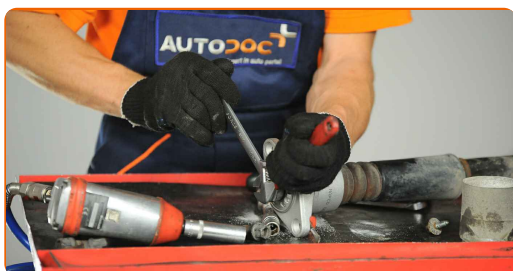
- Examine the shock absorber dust cap and the bump stop. Replace them if necessary.



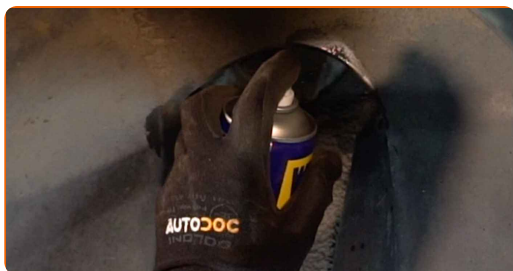
**16** Install the upper strut mount and the strut mount bearing.



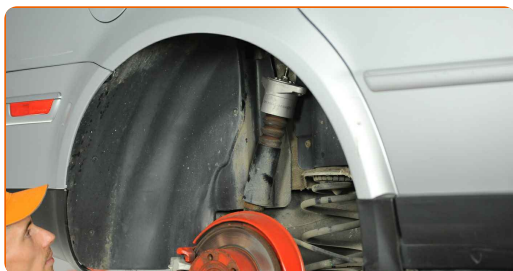
**17** Screw the shock strut piston rod upper fastening. Use a combination spanner #17. Use an adjustable wrench. Use a torque wrench. Tighten it to 25 Nm torque.



**18** Clean the shock absorber mounting seats. Use a wire brush. Use WD-40 spray.



**19** Place the shock absorber in the wheel arch and secure it.



**Replacement: strut mount – VW PASSAT (3B3). Tip:**

- To avoid injury, hold the shock absorber cautiously tight when screwing in the fastening bolts.



20

Screw the upper fastener of the shock absorber. Use a drive socket #13.

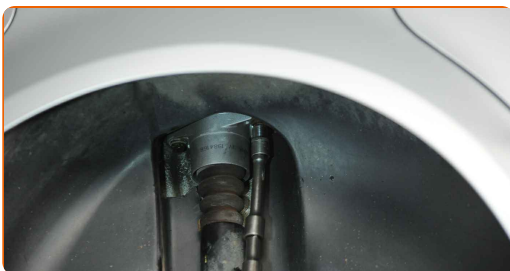


Replacement: strut mount – VW PASSAT (3B3). AUTODOC experts recommend:

- Install the shock absorber mount using the center hole as a guide.

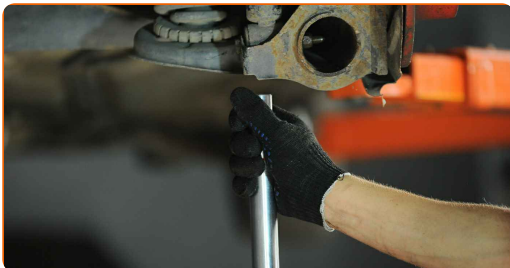
21

Tighten the top shock absorber fastening. Use a drive socket #13. Use a torque wrench. Tighten it to 36 Nm torque.



22

Secure the rear axle beam. Use a hydraulic transmission jack.



23

Install the fastening bolt.

**24**

Tighten the lower fastener of the shock absorber. Use a combination spanner #16. Use a drive socket #16. Use a torque wrench. Tighten it to 50 Nm torque.+90°



**AUTODOC recommends:**

- Important! Be sure to use new fasteners.

**25**

Remove the mounting from under the rear axle beam.



**AUTODOC recommends:**

- VW PASSAT (3B3) – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

**26**

Treat the shock absorber fasteners. Use copper grease.

**27**

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

28

Clean the brake disk surface. Use a brake cleaner.



**AUTODOC recommends:**

- Replacement: strut mount – VW PASSAT (3B3). After applying the spray, wait a few minutes.

29

Install the wheel.

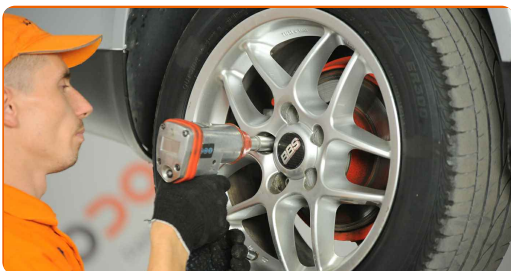


**Replacement: strut mount – VW PASSAT (3B3). Tip from AUTODOC experts:**

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

30

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



**31** Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 120 nm torque.

**32** Remove the jacks and chocks.

**WELL DONE!** 

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**STRUT MOUNT: A WIDE SELECTION**

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