



How to change rear strut  
mount on **VW New  
Beetle Convertible (1Y7)**  
– 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 New Beetle Convertible (1Y7) 1.6, VW New Beetle Convertible (1Y7) 2.0, VW New Beetle Convertible (1Y7) 1.9 TDI, VW New Beetle Convertible (1Y7) 1.4, VW New Beetle Convertible (1Y7) 1.8 T

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: SEAT Ibiza III Hatchback (6L) 1.4 16V

**REPLACEMENT: STRUT MOUNT – VW NEW BEETLE CONVERTIBLE (1Y7). LIST OF THE TOOLS YOU'LL NEED:**



- Wire brush
- WD-40 spray
- Copper grease
- Torque wrench
- Combination spanner #16
- Drive socket # 16
- Wheel impact socket #17
- Ratchet wrench
- Shock absorber socket #DD6
- Vice
- Hydraulic transmission jack
- Wheel chock

**Buy tools**

Replacement: strut mount – VW New Beetle Convertible (1Y7). Tip from AUTODOC experts:

- 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.
- Be sure to replace all self-locking nuts and bolts during installation.
- Please note: all work on the car – VW New Beetle Convertible (1Y7) – 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 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 New Beetle Convertible (1Y7)

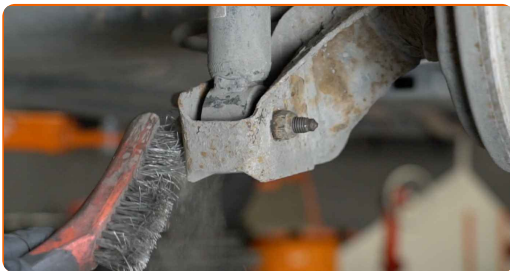
5

Remove the wheel.



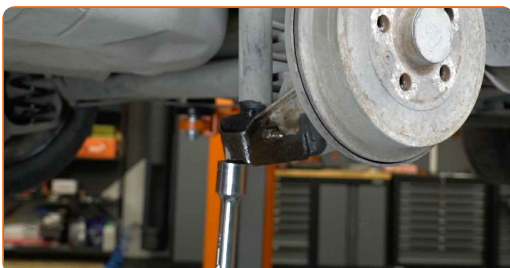
6

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



7

Support the rear suspension beam. Use a hydraulic transmission jack.



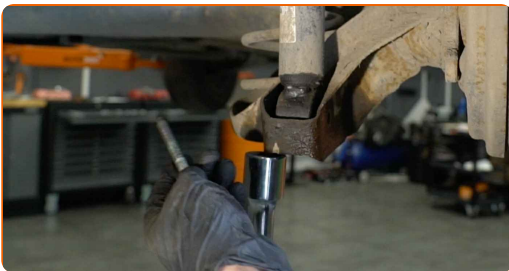
- 8** Unscrew the lower fastener of the shock absorber. Use a combination spanner #16. Use a drive socket #16. Use a ratchet wrench.



- 9** Unscrew the upper fastener of the shock absorber. Use a drive socket #16. Use a ratchet wrench.



- 10** Remove the fastening bolt.



- 11** Remove the mounting from under the rear axle beam.

Replacement: strut mount – VW New Beetle Convertible (1Y7). Professionals recommend:

- Lower the hydraulic transmission jack smoothly, without jerks, to avoid damaging assemblies and mechanisms.

**12** Remove the shock absorber.



**13** Remove the protective cap of the shock absorber mount.



**14** Grip the shock absorber in a vice.



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

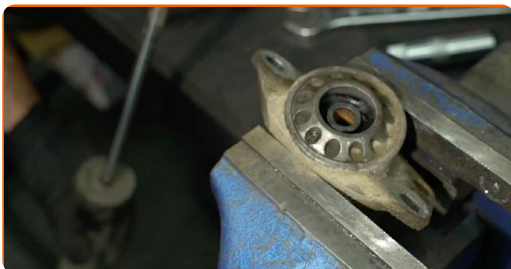


**16** Remove the shock absorber piston rod fastening. Use a drive socket #16. Use a shock absorber socket DDN<sup>6</sup>. Use a ratchet wrench.





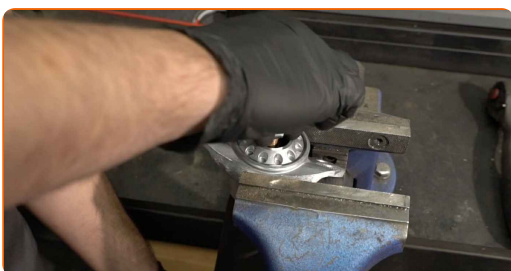
**17** Remove the shock absorber mount, boot and bump stop.



Replacement: strut mount – VW New Beetle Convertible (1Y7). Tip from AUTODOC:

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

**18** Install the new mount, boot, and bump stop on the shock absorber.

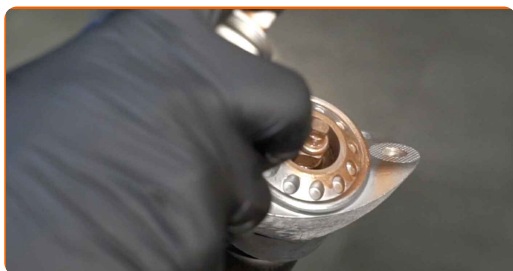


**19** Tighten the shock absorber rod nut. Use a drive socket #16. Use a shock absorber socket DDN#6. Use a torque wrench. Tighten it to 25 nm torque.





**20** Treat the shock absorber rod fastener. Use copper grease.



**21** Release the vice and take out the shock absorber.



**22** Install the protective cap of the shock absorber mount.



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



**24** Treat the shock absorber mounting seats. Use copper grease.

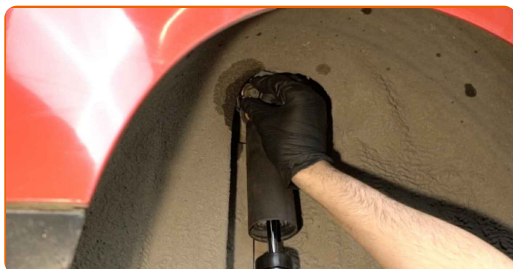
**25** Place the shock absorber in the wheel arch and secure it.



**AUTODOC recommends:**

- VW New Beetle Convertible (1Y7) – To avoid injury, hold the shock absorber while screwing in the fastening bolts.

**26** Screw the upper fastener of the shock absorber. Use a drive socket #16. Use a ratchet wrench.



**Replacement: strut mount – VW New Beetle Convertible (1Y7). AUTODOC experts recommend:**

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

- 27** Tighten the top shock absorber fastening. Use a drive socket #16. Use a torque wrench. Tighten it to 30 Nm torque.+90°



**AUTODOC recommends:**

- Important! Be sure to use new fasteners.

- 28** Install the fastening bolt.



- 29** Screw in the lower fastener of the shock absorber. Use a drive socket #16. Use a ratchet wrench.



- 30** Support the rear suspension beam. Use a hydraulic transmission jack.



- 31** 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 40 Nm torque.+90°



**AUTODOC recommends:**

- Important! Be sure to use new fasteners.

- 32** Remove the mounting from under the rear axle beam.



**AUTODOC recommends:**

- VW New Beetle Convertible (1Y7) – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

- 33** Treat the shock absorber fasteners. Use copper grease.



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



**35** Treat the surface where the wheel rim contacts the brake drum. Use copper grease.



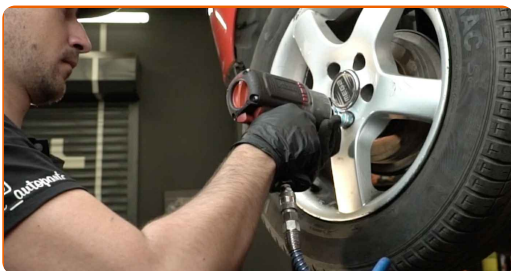
**36** Install the wheel.



Replacement: strut mount – VW New Beetle Convertible (1Y7). Tip from AUTODOC:

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

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



- 38** 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 120 Nm torque.



- 39** Remove the jacks and chocks.



**WELL DONE!** 

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**STRUT MOUNT: A WIDE SELECTION**

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