



How to change front
strut mount on **AUDI A1
Sportback (8XA, 8XF)** –
replacement guide

SIMILAR VIDEO TUTORIAL



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

i Important!

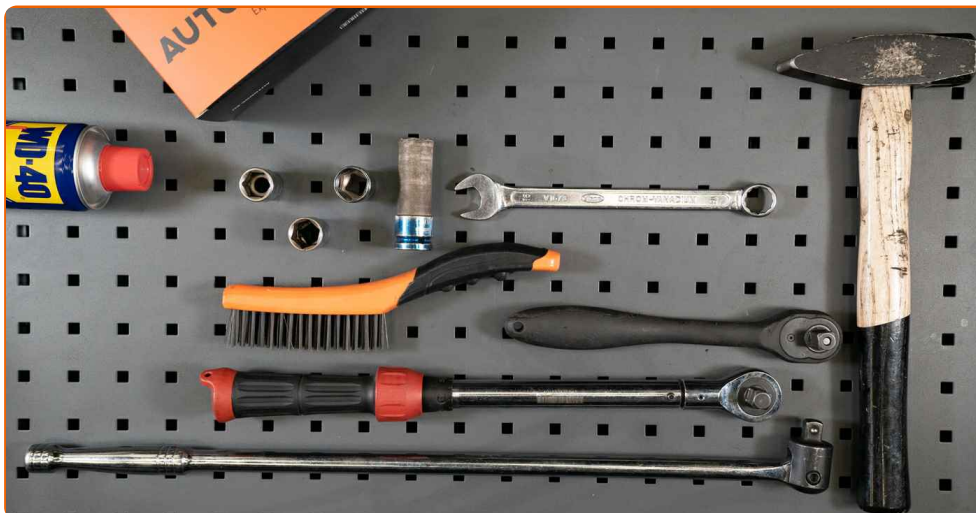
This replacement procedure can be used for:

AUDI A1 Sportback (8XA, 8XF) 1.2 TFSI, AUDI A1 Sportback (8XA, 8XF) 1.4 TFSI, AUDI A1 Sportback (8XA, 8XF) 1.6 TDI, AUDI A1 Sportback (8XA, 8XF) 2.0 TDI, AUDI A1 Sportback (8XA, 8XF) S1 quattro, AUDI A1 Sportback (8XA, 8XF) 1.4 TSI, AUDI A1 Sportback (8XA, 8XF) 1.4 TDI, AUDI A1 Sportback (8XA, 8XF) 1.8 TFSI, AUDI A1 Sportback (8XA, 8XF) 1.0 TFSI

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 Golf V Hatchback (1K1) 1.4 16V

REPLACEMENT: STRUT MOUNT – AUDI A1 SPORTBACK (8XA, 8XF). TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #18
- Drive socket # 16
- Drive socket # 18
- Drive socket # 20
- Drive socket # 21
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Hammer
- Hydraulic strut spring compressor
- Hydraulic transmission jack
- Fender cover
- Wheel chock

Buy tools

Replacement: strut mount – AUDI A1 Sportback (8XA, 8XF). 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.
- Be sure to replace all self-locking nuts and bolts during installation.
- Please note: all work on the car – AUDI A1 Sportback (8XA, 8XF) – 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.



Replacement: strut mount – AUDI A1 Sportback (8XA, 8XF). AUTODOC experts recommend:

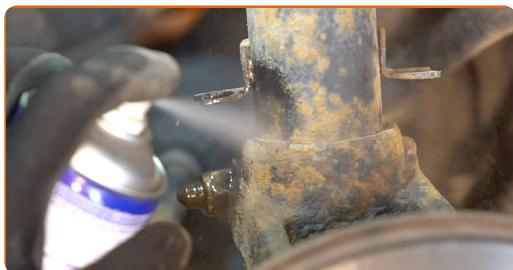
- To avoid injury, hold up the wheel when unscrewing the bolts.

5 Remove the wheel.



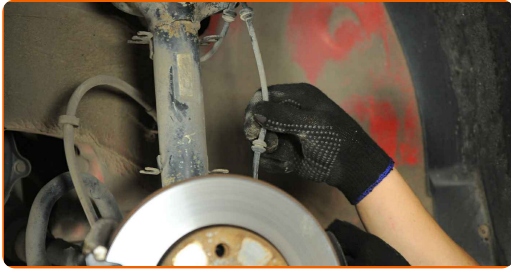
6 Clean the stabiliser link fasteners. Use a wire brush. Use WD-40 spray.

7 Unscrew the fastener connecting the stabilizer bar with the control arm. Use a drive socket #16. Use a ratchet wrench.



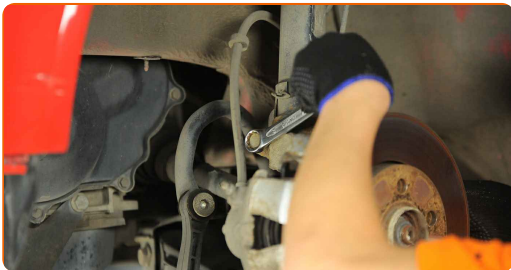
8 Remove the fastening bolt.

9 Disconnect the wiring from the bracket on the shock strut.



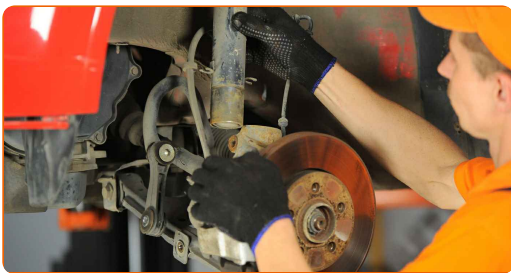
10 Clean the fasteners connecting the shock strut to the steering knuckle. Use a wire brush. Use WD-40 spray.

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



12 Remove the fastening bolt.

13 Disconnect the steering knuckle from the shock absorber strut. Use a hammer.



14 Lower the car.

15 Open the hood.

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

17 Clean the fasteners of the shock strut upper mount. Use WD-40 spray.

18

Unscrew the top fastening of the shock strut mount. Use a drive socket #21. Use a ratchet wrench.

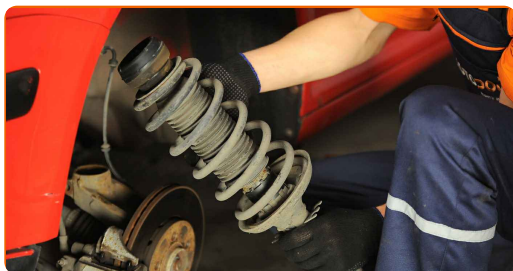


AUTODOC recommends:

- Important! Hold the suspension strut while unscrewing the fastening bolts. AUDI A1 Sportback (8XA, 8XF)

19

Remove the suspension strut.



20

Set the shock absorber strut on the spring compressor tool.

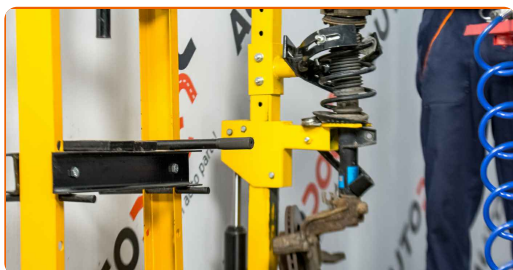


Replacement: strut mount – AUDI A1 Sportback (8XA, 8XF). Tip:

- 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

Compress the spring.



22

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

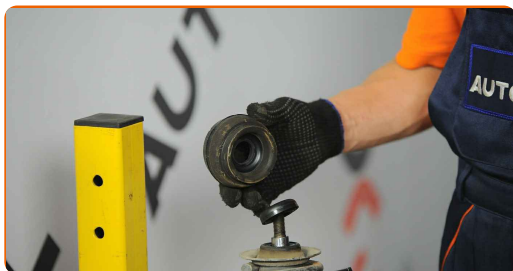
23

Remove the strut piston rod nut. Use a drive socket #20. Use a ratchet wrench.



24

Remove the top strut mount.



Replacement: strut mount – AUDI A1 Sportback (8XA, 8XF). Tip from AUTODOC experts:

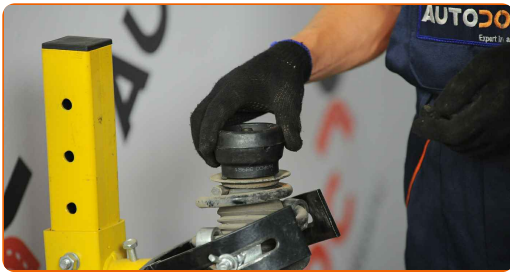
- Examine the shock absorber dust cap and the bump stop. Replace them if necessary.

25

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

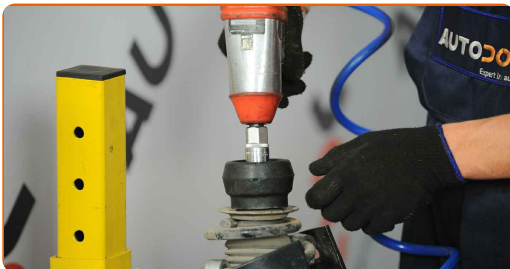
26

Install a new strut mount.



27

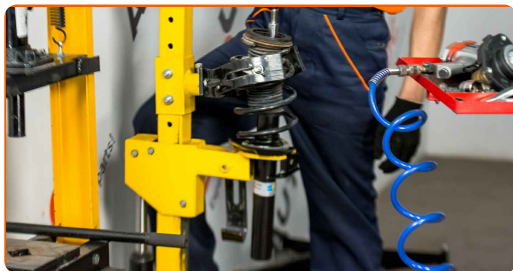
Tighten the shock strut piston rod nut. Use a drive socket #20. Use a torque wrench. Tighten it to 60 Nm torque.



Replacement: strut mount – AUDI A1 Sportback (8XA, 8XF). Professionals recommend:

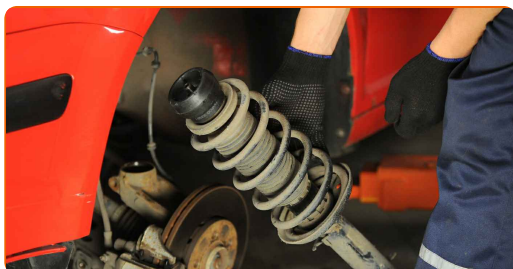
- Check to make sure the spring is positioned correctly. Avoid its misalignment.

28 Decompress the spring.



29 Remove the assembled shock strut.

30 Install the shock strut into the wheel arch.



31 Screw the top fastening of the shock strut mount. Use a drive socket #21. Do not tighten it.

AUTODOC recommends:

- AUDI A1 Sportback (8XA, 8XF) – To avoid injury, hold the suspension strut while screwing in the fastening bolts.

32 Tighten the upper fastener of the shock absorber strut mount. Use a drive socket #21. Use a torque wrench. Tighten it to 60 nm torque.



33 Remove the fender protection cover.

34 Close the hood.

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

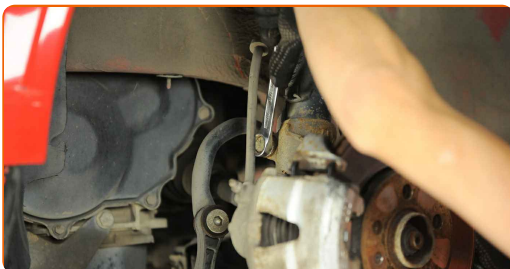
36 Prop up the steering knuckle. Use a hydraulic transmission jack.



37 Fix the shock absorber strut on the steering knuckle. Use a hammer.

38 Install the fastening bolt.

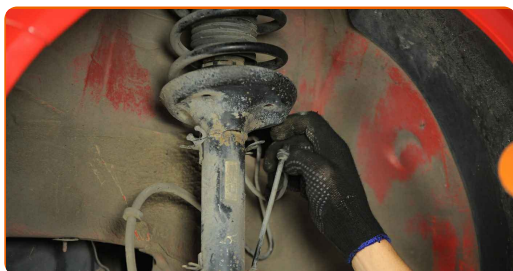
39 Tighten the lower fasteners connecting the shock strut to the steering knuckle. Use a combination spanner #18. Use a drive socket #18. Use a torque wrench. Tighten it to 60 Nm torque.+90°



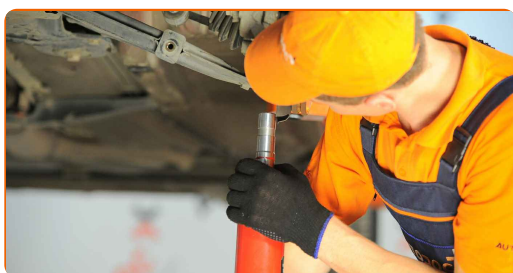
AUTODOC recommends:

- Important! Be sure to use new fasteners.

40 Connect the wiring to the bracket on the shock strut.



41 Remove the support from under the steering knuckle.

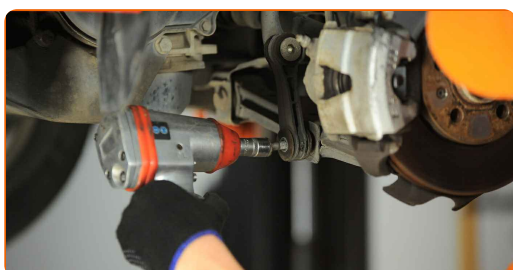


AUTODOC recommends:

- Replacement: strut mount – AUDI A1 Sportback (8XA, 8XF). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

42 Install the fastening bolt.

43 Tighten the fastener connecting the stabilizer bar with the control arm. Use a drive socket #16. Use a torque wrench. Tighten it to 15 Nm torque. +90°



AUTODOC recommends:

- Important! Be sure to use new fasteners.

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.



Replacement: strut mount – AUDI A1 Sportback (8XA, 8XF). AUTODOC recommends:

- After applying the spray, wait a few minutes.

46

Install the wheel.



AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. AUDI A1 Sportback (8XA, 8XF)

47

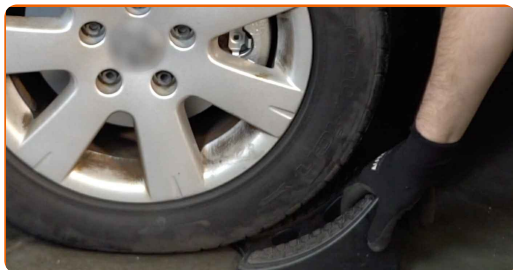
Screw in the wheel bolts. Use wheel impact socket #17.

**48**

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

49

Remove the jacks and chocks.



WELL DONE! 

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STRUT MOUNT: A WIDE SELECTION

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