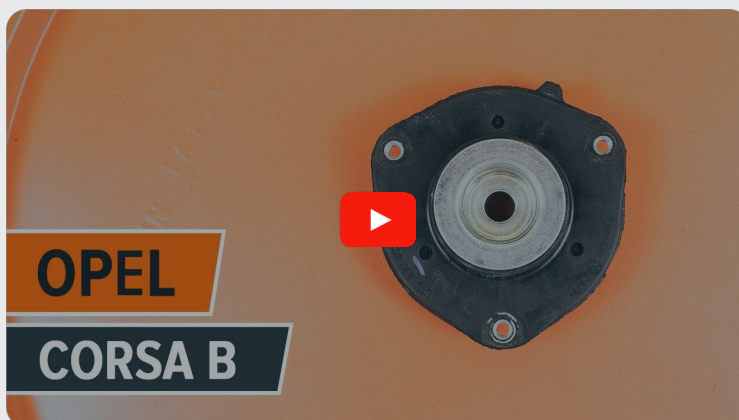




How to change front
strut mount on **OPEL**
Tigra Coupe (S93) –
replacement guide

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:

OPEL Tigra Coupe (S93) 1.4 16V (F07), OPEL Tigra Coupe (S93) 1.6 16V (F07)

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: OPEL Corsa B Hatchback (S93) 1.4 i (F08, F68, M68)

REPLACEMENT: STRUT MOUNT – OPEL TIGRA COUPE (S93). LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #18
- Drive socket # 13
- Drive socket # 18
- Drive socket # 19
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Flat Screwdriver
- Hydraulic strut spring compressor
- Fender cover
- Wheel chock

Buy tools

Replacement: strut mount – OPEL Tigra Coupe (S93). AUTODOC recommends:

- 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 – OPEL Tigra Coupe (S93) – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1

Secure the wheels with chocks.



2

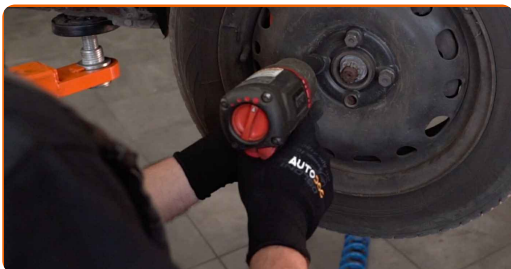
Loosen the wheel mounting bolts. Use wheel impact socket #17.



3

Raise the front of the car and secure on supports.

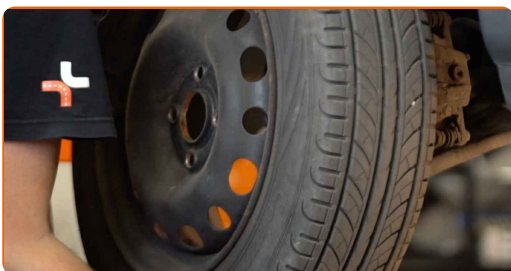
4 Unscrew the wheel bolts.



Replacement: strut mount – OPEL Tigra Coupe (S93). Tip from AUTODOC:

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

5 Remove the wheel.



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

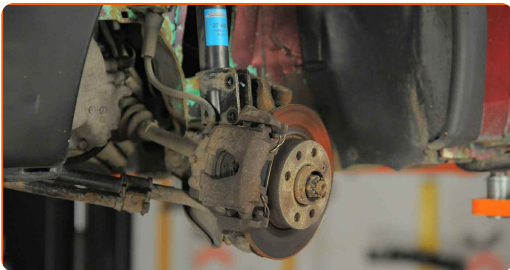


7 Unscrew the lower fastener connecting the shock strut to the steering knuckle. Use a combination spanner #18. Use a drive socket #18. Use a ratchet wrench.



8 Remove the fastening bolts.

9 Disconnect the steering knuckle from the shock absorber strut.



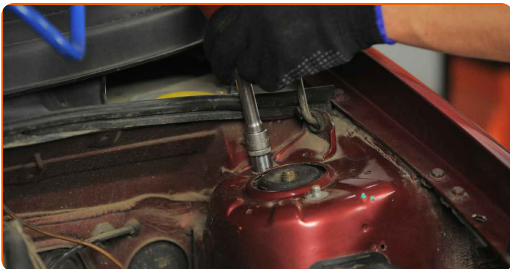
10 Lower the car.

11 Open the bonnet.

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

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

14 Unscrew the top fastening of the shock strut mount. Use a drive socket #13. Use a ratchet wrench.

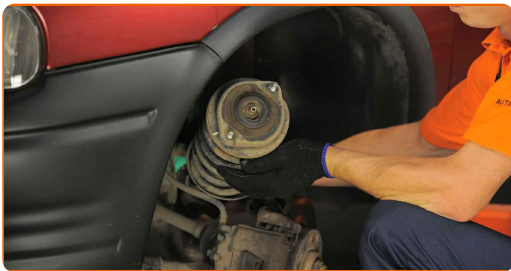


AUTODOC recommends:

- OPEL Tigra Coupe (S93) – To avoid injury, hold the suspension strut while unscrewing the fastening bolts.

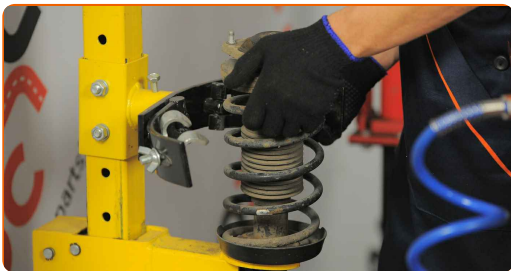
15

Remove the suspension strut.



16

Set the shock absorber strut on the spring compressor tool.



Replacement: strut mount – OPEL Tigra Coupe (S93). AUTODOC experts recommend:

- 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.

17 Compress the spring.



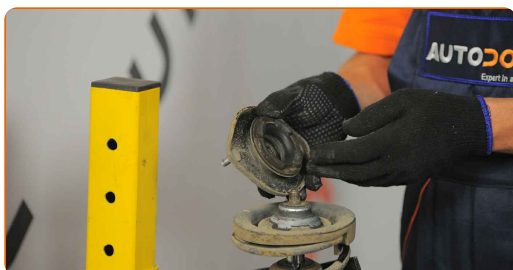
18 Treat the shock strut rod. Use a wire brush. Use WD-40 spray.



19 Remove the strut piston rod nut. Use a flat screwdriver. Use a drive socket #19. Use a ratchet wrench.



20 Remove the top strut mount.



Replacement: strut mount – OPEL Tigra Coupe (S93). Tip:

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

21 Install a new top shock strut mount.



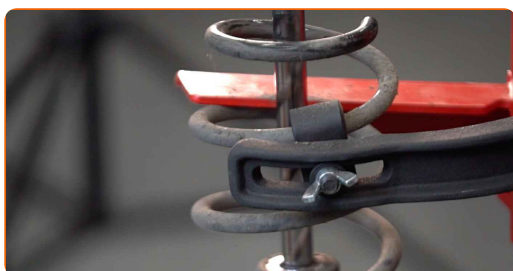
22 Tighten the shock strut piston rod nut. Use a flat screwdriver. Use a drive socket #19. Use a torque wrench. Tighten it to 55 Nm torque.



Replacement: strut mount – OPEL Tigra Coupe (S93). Professionals recommend:

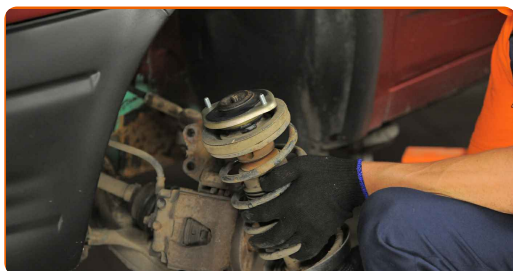
- Check to make sure the spring is positioned correctly. Avoid its misalignment.

23 Decompress the spring.

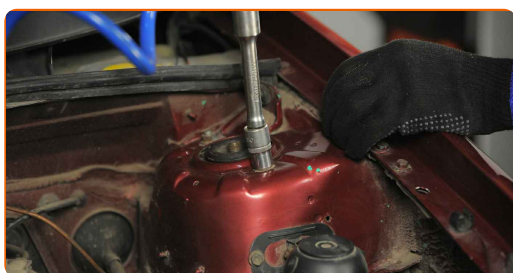


24 Remove the assembled shock strut.

25 Install the shock strut into the wheel arch.



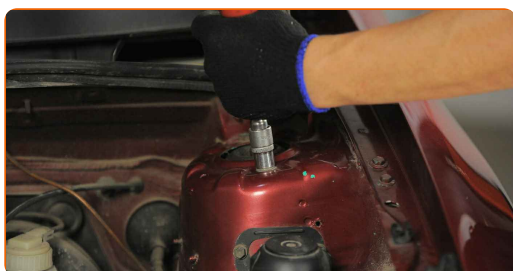
26 Screw the top fastening of the shock strut mount.



Replacement: strut mount – OPEL Tigra Coupe (S93). Tip from AUTODOC experts:

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

27 Tighten the upper fastener of the shock absorber strut mount. Use a drive socket #13. Use a torque wrench. Tighten it to 30 Nm torque.



28 Remove the fender protection cover.

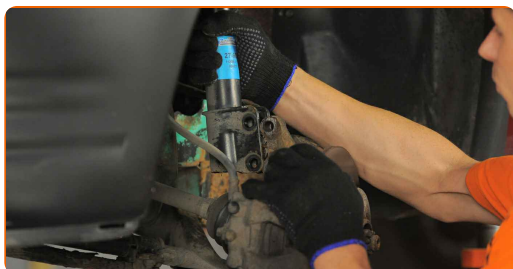
29 Close the hood.

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

31 Treat the shock strut mounting seat on the steering knuckle. Use a wire brush. Use WD-40 spray.

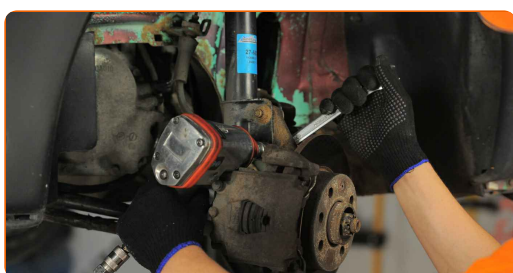


32 Fix the shock absorber strut on the steering knuckle.



33 Install the fastening bolts.

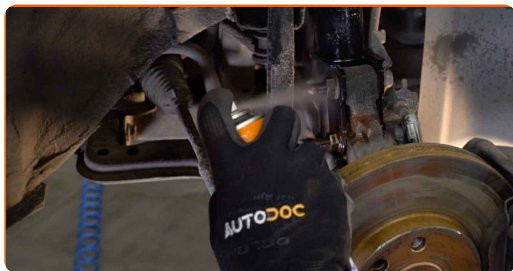
34 Tighten the lower fasteners connecting the shock strut to the steering knuckle. Use a combination spanner #18. Use a drive socket #18. Use a torque wrench. Tighten it to 90 Nm torque.+45°



AUTODOC recommends:

- Important! Be sure to use new fasteners.

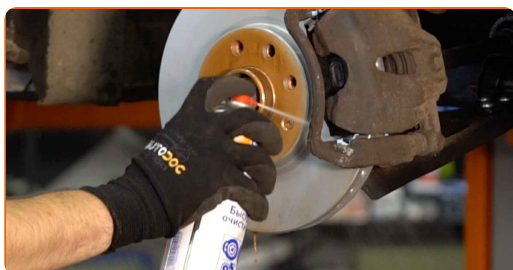
35 Treat the shock strut fasteners. Use copper grease.



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



37 Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: strut mount – OPEL Tigra Coupe (S93). After applying the spray, wait a few minutes.

38 Install the wheel.

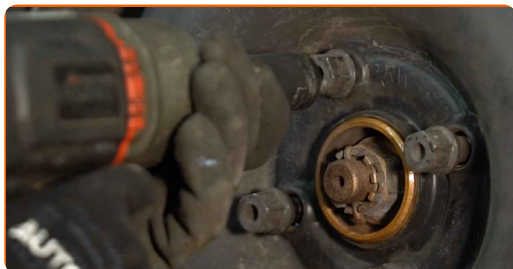


AUTODOC recommends:

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

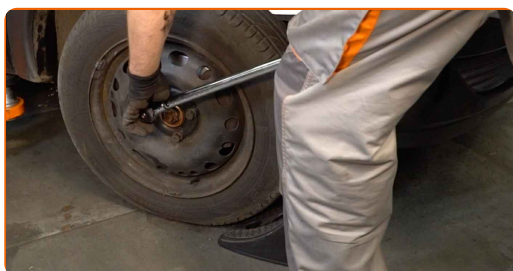
39

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



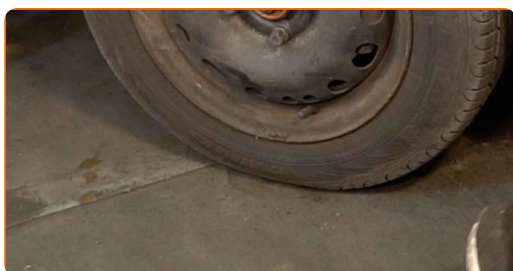
40

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.



41

Remove the jacks and chocks.



WELL DONE! 

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STRUT MOUNT: A WIDE SELECTION

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