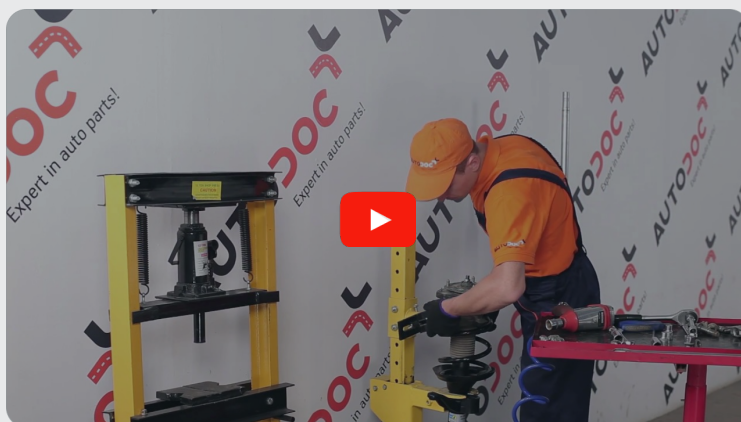




How to change front
strut mount on **HONDA
CIVIC VII Coupe (EM2)** –
replacement guide

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:

HONDA CIVIC VII Coupe (EM2) 1.6 i, HONDA CIVIC VII Coupe (EM2) 1.7 i, HONDA CIVIC VII Coupe (EM2) 1.7 i VTEC

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: HONDA CR-V II (RD_) 2.2 CTDi (RD9)

**REPLACEMENT: STRUT MOUNT – HONDA CIVIC VII
COUPE (EM2). TOOLS YOU'LL NEED:**



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Drive socket # 10
- Drive socket # 12
- Drive socket # 14
- Drive socket # 22
- Combination spanner #17
- Combination spanner #19
- HEX bit no.H7.
- Wheel impact socket #19
- Ratchet wrench
- Torque wrench
- Hydraulic strut spring compressor
- Ball joint puller
- Nippers
- Fender cover
- Wheel chock

Buy tools

Replacement: strut mount – HONDA CIVIC VII Coupe (EM2). 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.
- Please note: all work on the car – HONDA CIVIC VII Coupe (EM2) – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

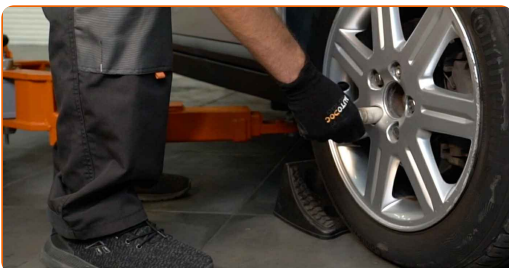
1

Secure the wheels with chocks.



2

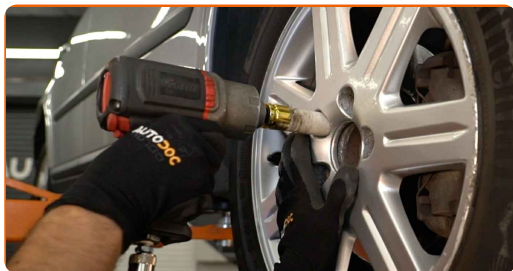
Loosen the wheel mounting bolts. Use wheel impact socket #19.



3

Raise the front of the car and secure on supports.

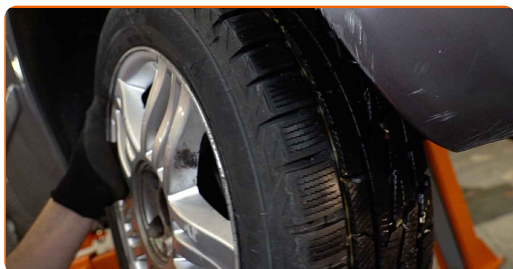
4 Unscrew the wheel bolts.



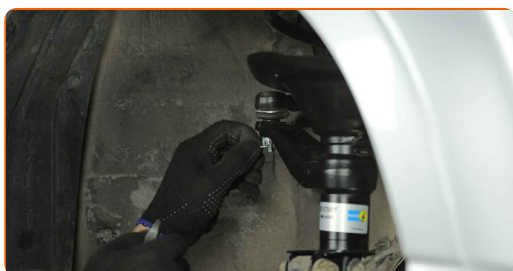
AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.
HONDA CIVIC VII Coupe (EM2)

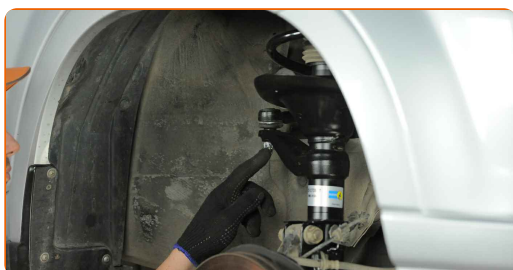
5 Remove the wheel.



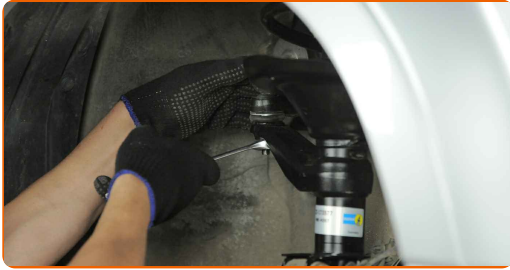
6 Remove the cotter pin. Use nippers.



7 Clean the fastener connecting the tie rod end to the steering knuckle. Use a wire brush. Use WD-40 spray.



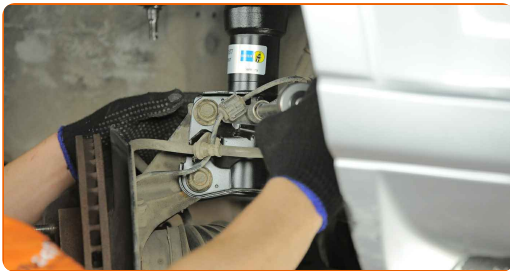
8 Unscrew the end fastening nut to the steering knuckle. Use a combination spanner #17.



9 Disconnect the tie rod end from the steering knuckle. Use a ball joint puller.



10 Unscrew the ABS cable holder. Use a drive socket #10. Use a ratchet wrench.

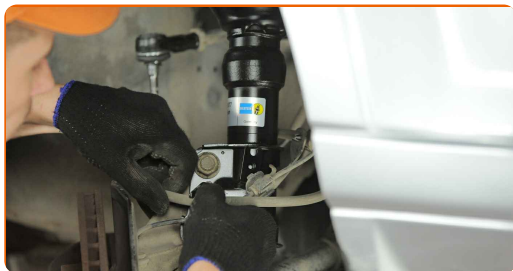


11 Remove the ABS wiring harness bracket.

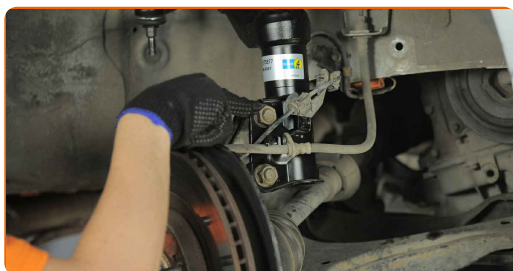
12 Unscrew the brake hose fastening bracket from the shock strut. Use a drive socket #12. Use a ratchet wrench.



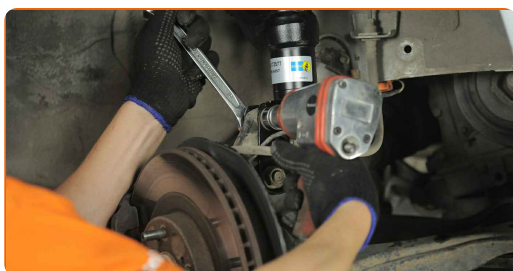
13 Remove the bracket from the shock absorber strut.



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



15 Unscrew the lower fastener connecting the shock strut to the steering knuckle. Use a combination spanner #19. Use a drive socket #22. Use a ratchet wrench.



16 Remove the fastening bolts (2 pieces).

17 Disconnect the steering knuckle from the shock absorber strut.

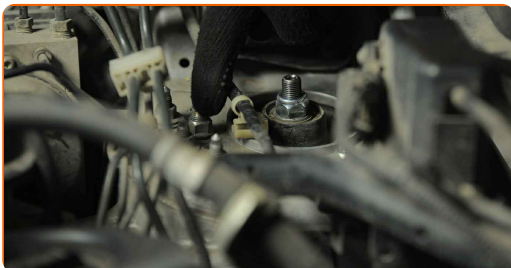


18 Lower the car.

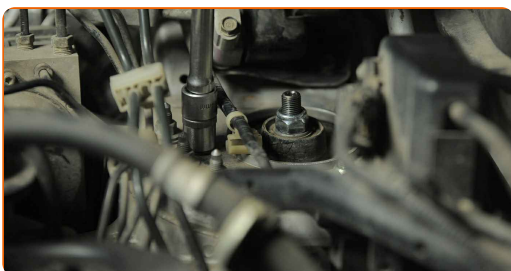
19 Open the bonnet.

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

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



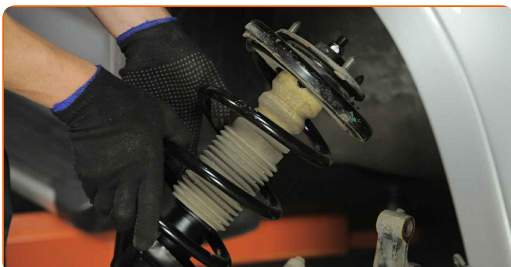
22 Unscrew the top fastening of the shock strut mount. Use a drive socket #14. Use a ratchet wrench.



AUTODOC recommends:

- HONDA CIVIC VII Coupe (EM2) – To avoid injury, hold the suspension strut while unscrewing the fastening bolts.

23 Remove the suspension strut.



24

Set the shock absorber strut on the spring compressor tool.

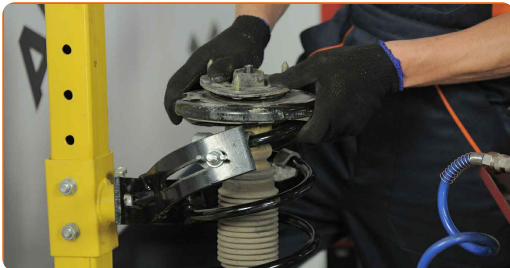


Replacement: strut mount – HONDA CIVIC VII Coupe (EM2). Tip from AUTODOC experts:

- 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.

25

Compress the spring.



26

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



27

Remove the strut piston rod nut. Use a combination spanner #19. Use HEX No.H7. Use a ratchet wrench.

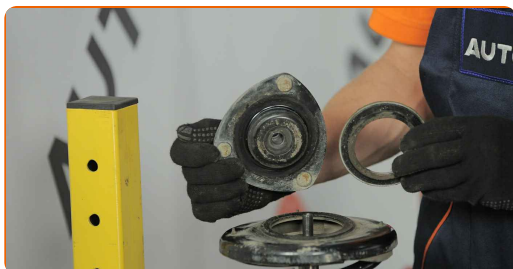


28

Release the coil spring.

29

Remove the top strut mount.



Replacement: strut mount – HONDA CIVIC VII Coupe (EM2). AUTODOC recommends:

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

30

Install a new top shock strut mount.



31 Compress the spring.



32 Tighten the shock strut piston rod nut. Use a combination spanner #19. Use HEX No.H7. Use a torque wrench. Tighten it to 44 Nm torque.



Replacement: strut mount – HONDA CIVIC VII Coupe (EM2). Tip:

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

33 Decompress the spring.



34 Treat the shock strut rod. Use copper grease.

35 Remove the assembled shock strut.

36 Install the shock strut into the wheel arch.

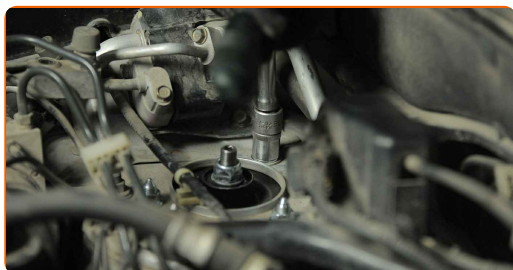


37 Screw the top fastening of the shock strut mount.

AUTODOC recommends:

- HONDA CIVIC VII Coupe (EM2) – To avoid injury, hold the suspension strut while screwing in the fastening bolts.

38 Tighten the upper fastener of the shock absorber strut mount. Use a drive socket #14. Use a torque wrench. Tighten it to 44 Nm torque.



39 Treat the fasteners of the shock strut mount. Use copper grease.

40 Remove the fender protection cover.

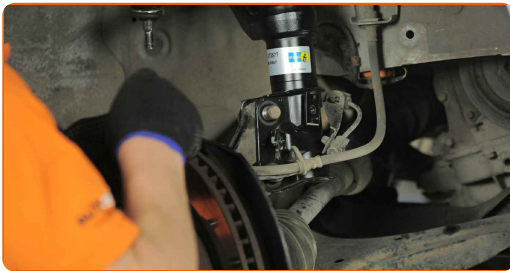
41 Close the hood.

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

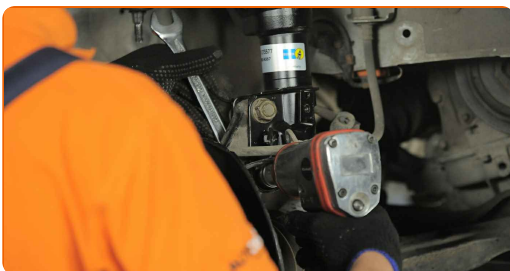
43 Fix the shock absorber strut on the steering knuckle.



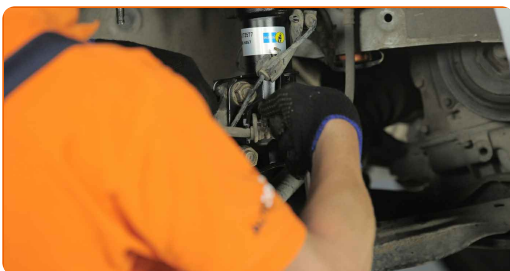
44 Install the fastening bolts (2 pieces). Use a ratchet wrench.



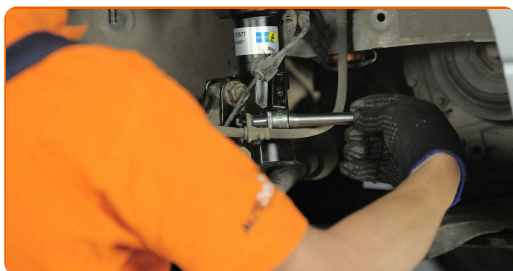
45 Tighten the lower fasteners connecting the shock strut to the steering knuckle. Use a combination spanner #19. Use a drive socket #22. Use a torque wrench. Tighten it to 157 Nm torque.



46 Install the bracket onto the shock absorber strut.

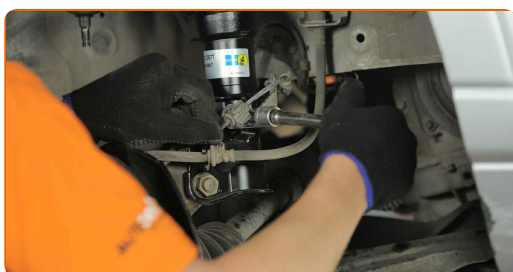


47 Tighten the brake hose fastening bracket to the shock strut. Use a drive socket #12. Use a ratchet wrench.

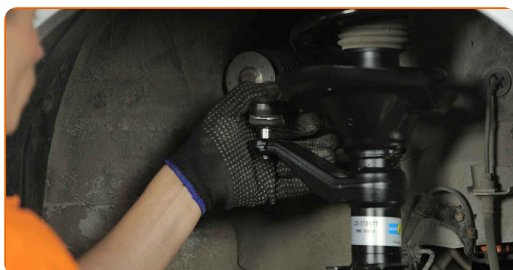


48 Install the ABS wiring harness bracket.

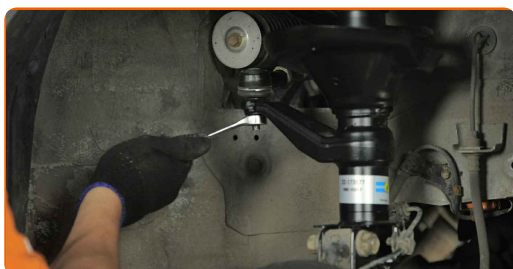
49 Tighten the ABS cable holder. Use a drive socket #10. Use a ratchet wrench.



50 Connect the tie rod end to the steering knuckle.



51 Tighten the fastening nut connecting the tie rod end to the steering knuckle. Use a combination spanner #17. Use a torque wrench. Tighten it to 43 nm torque.



52 Install the cotter pin. Use nippers.

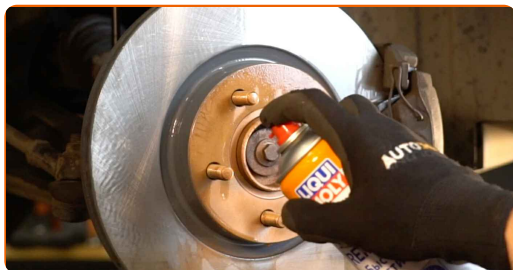


53 Treat the shock strut fasteners. Treat the fastener connecting the tie rod end to the steering knuckle. Use copper grease.

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



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

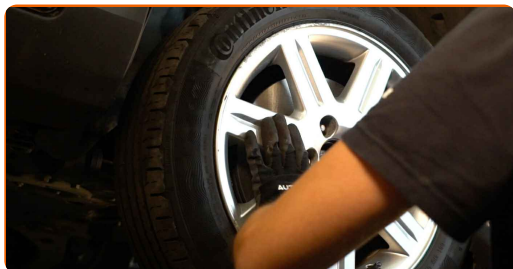


AUTODOC recommends:

- Replacement: strut mount – HONDA CIVIC VII Coupe (EM2). After applying the spray, wait a few minutes.

56

Install the wheel.

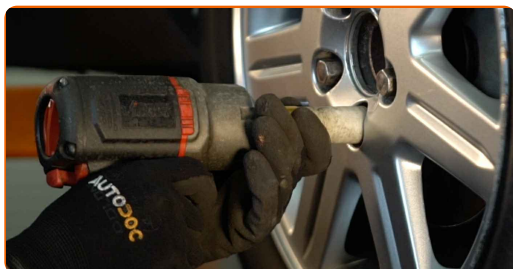


AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. HONDA CIVIC VII Coupe (EM2)

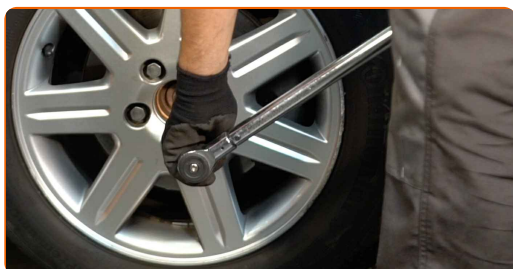
57

Screw in the wheel bolts. Use wheel impact socket #19.



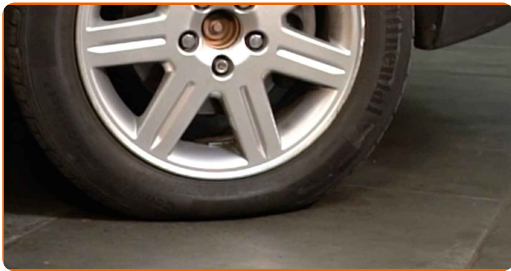
58

Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #19. Use a torque wrench. Tighten it to 108 nm torque.



59

Remove the jacks and chocks.



WELL DONE! 

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STRUT MOUNT: A WIDE SELECTION

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