



How to change rear  
shock absorbers on  
**Honda Civic 8** –  
replacement guide

## VIDEO TUTORIAL

** Important!**

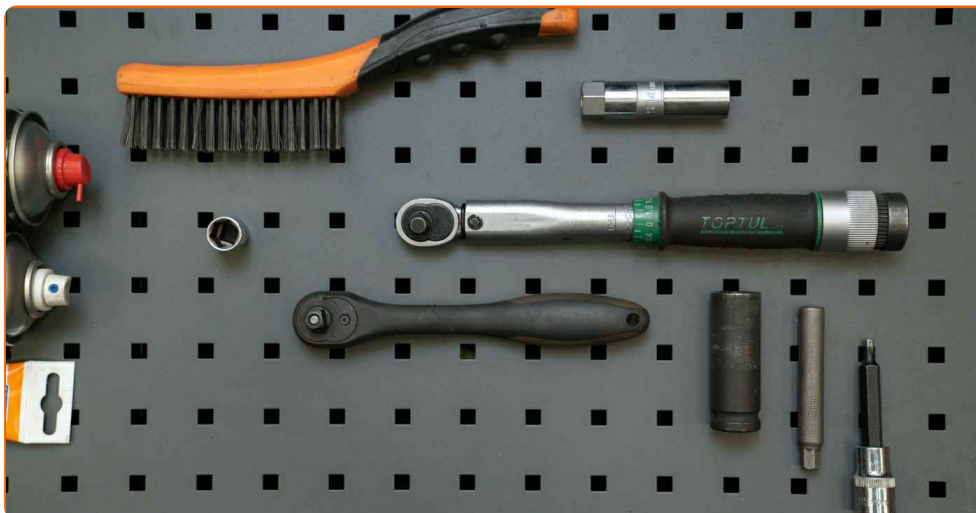
This replacement procedure can be used for:

HONDA CIVIC VIII Hatchback (FN, FK) 1.4 (FK1), HONDA CIVIC VIII Hatchback (FN, FK) 2.2 CTDi (FK3), HONDA CIVIC VIII Hatchback (FN, FK) 1.4 (FK1, FN4)

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The steps may slightly vary depending on the car design.

**REPLACEMENT: SHOCK ABSORBERS – HONDA CIVIC 8.  
LIST OF THE TOOLS YOU'LL NEED:**



- Wire brush
- WD-40 spray
- Brake cleaner
- Ceramic grease
- Torque wrench
- Drive socket # 14
- HEX bit no.H5
- 14-mm strut nut socket
- Shock absorber socket # 16
- Shock absorber socket #DD6
- Wheel impact socket #19
- Ratchet wrench
- Tap wrench
- Hydraulic transmission jack
- Wheel chock

**BUY TOOLS**

Replacement: shock absorbers – Honda Civic 8. AUTODOC experts recommend:

- Both shock absorbers of the rear suspension should be replaced simultaneously.
- The replacement procedure is identical for the left and right shock absorbers of the rear suspension.
- All work should be done with the engine stopped.

**REPLACEMENT: SHOCK ABSORBERS – HONDA CIVIC 8. TAKE THE FOLLOWING STEPS:**

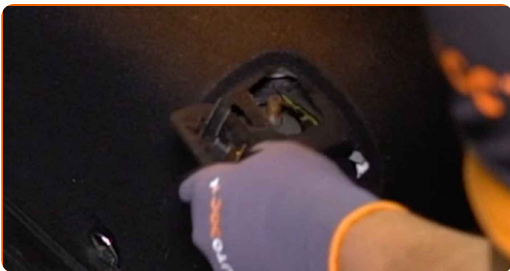
1

Open the luggage compartment.



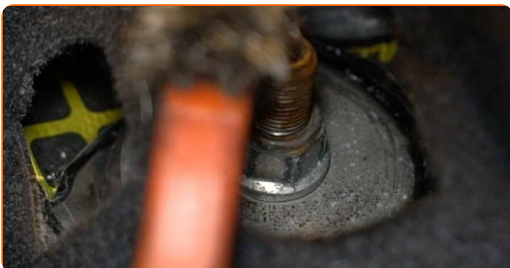
2

Remove the mount cap from the shock absorber upper fastener.

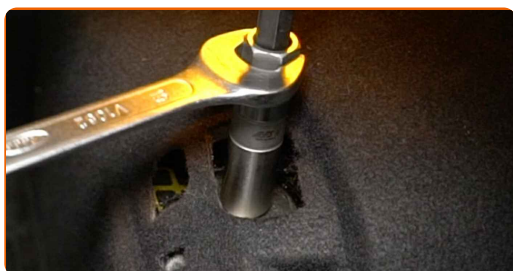


3

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



- 4 Loosen the upper fastener of the shock absorber. Use a 14-mm strut nut socket. Use HEX No.H5. Use a ratchet wrench.

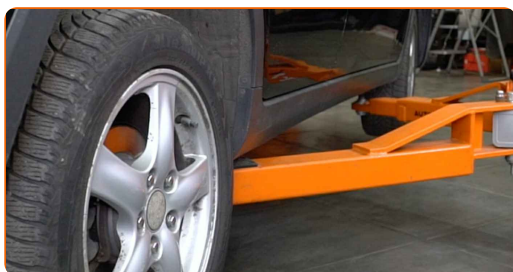


- 5 Secure the wheels with chocks.

- 6 Loosen the wheel bolts. Use wheel impact socket #19. Use a tap wrench.



- 7 Raise the car.



**Replacement: shock absorbers – Honda Civic 8. AUTODOC recommends:**

- If you are using a jack, make sure it rests on a flat surface without any unevenness.
- Be sure to additionally secure the car with jack stands.

8

Unscrew the wheel bolts.



**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.  
Honda Civic 8

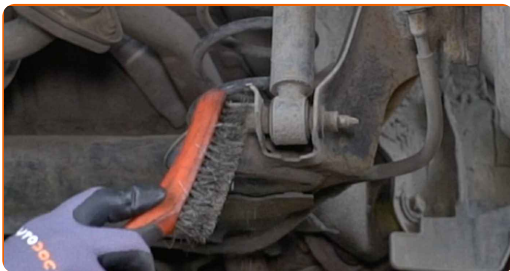
9

Remove the wheel.



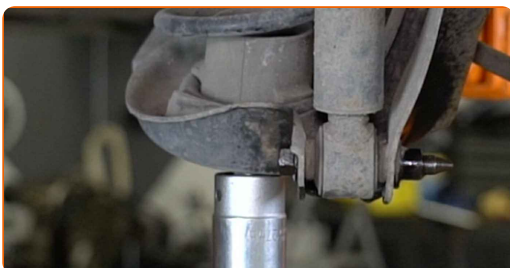
10

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

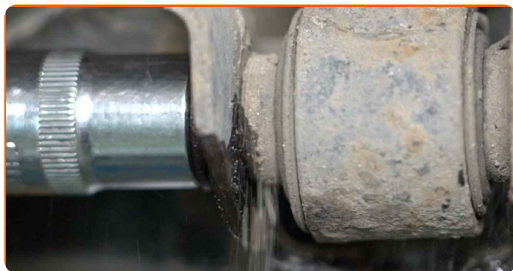


11

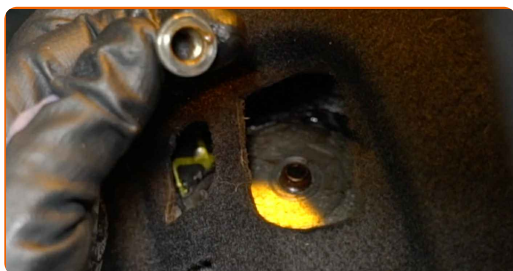
Support the rear axle beam. Use a hydraulic transmission jack.



**12** Unscrew the lower fasteners of the shock absorber. Use a drive socket #14. Use a ratchet wrench.



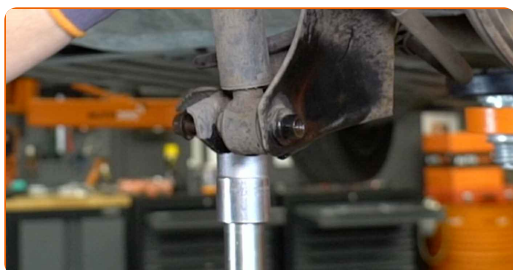
**13** Unscrew the upper fastener of the shock absorber.



**14** Remove the elements of the shock absorber upper mount.



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



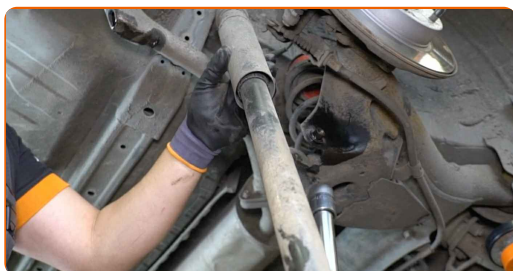
**Replacement: shock absorbers – Honda Civic 8. Tip:**

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

**16** Remove the fastening bolt.



**17** Remove the shock absorber.



**18** Clean the shock absorber mounting seats. Use a wire brush.

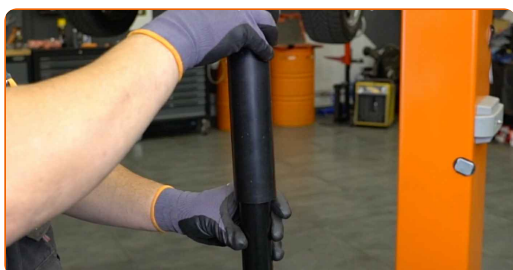


**19** Remove the shock absorber dust boot and bump stop.

**AUTODOC recommends:**

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

**20** Install the dust boot and the bump stop on the new shock absorber.





**21**

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

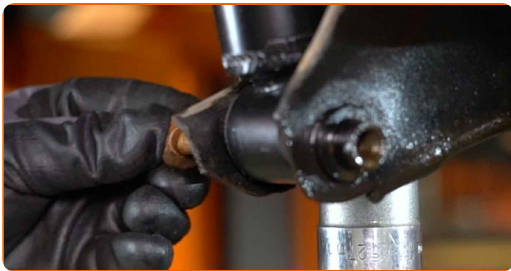


Replacement: shock absorbers – Honda Civic 8. AUTODOC experts recommend:

- Before installing a new shock absorber you should pump it 3–5 times by hand.

**22**

Install the fastening bolt.



**23**

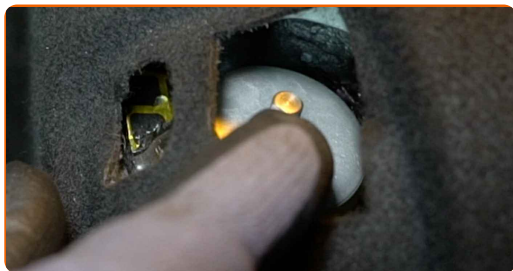
Support the rear axle beam. Use a hydraulic transmission jack.



AUTODOC recommends:

- For tightening the fasteners correctly, you have to jack up the suspension components to their working position.

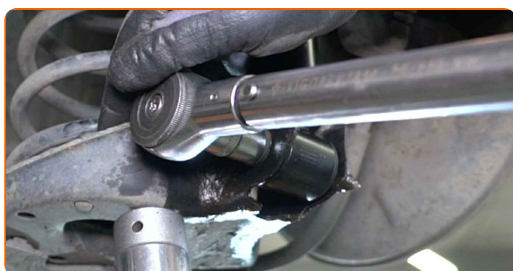
**24** Install the elements of the shock absorber upper mount.



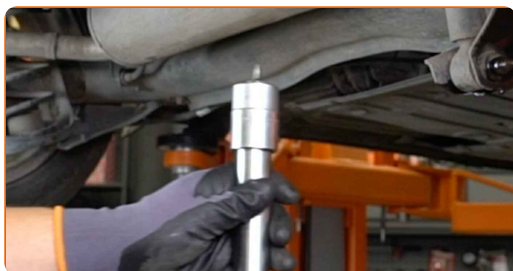
**25** Screw the upper fastener of the shock absorber.



**26** Tighten the lower fastener of the shock absorber. Use a drive socket #14. Use a torque wrench. Tighten it to 54 Nm torque.



**27** Remove the support from under the rear axle beam.



**AUTODOC recommends:**

- Replacement: shock absorbers – Honda Civic 8. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

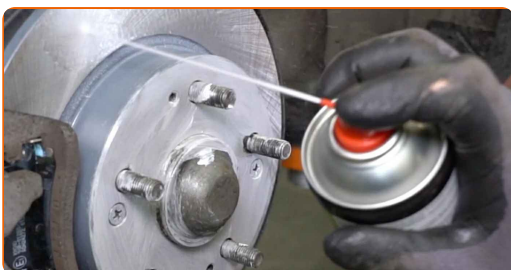
**28** Clean the wheel rim mounting seat. Use a wire brush.



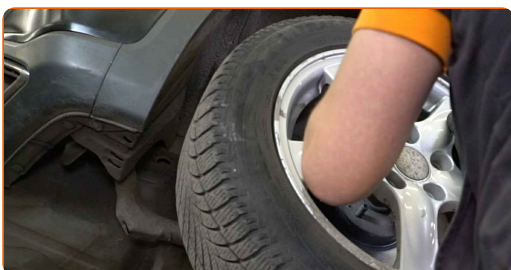
**29** Treat the surface where the brake disc contacts the wheel rim. Use ceramic grease.



**30** Clean the brake disk surface. Use a brake cleaner.



**31** Install the wheel.



**AUTODOC recommends:**

- Important! Hold the wheel while screwing in the fastening bolts. Honda Civic 8

32

Screw in the wheel bolts. Use wheel impact socket #19. Use a ratchet wrench.



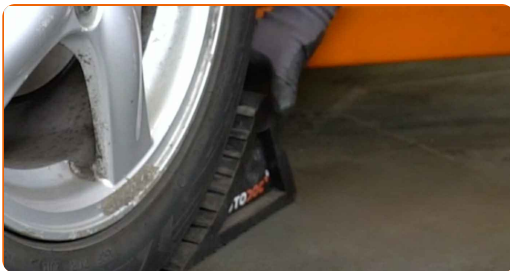
33

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.



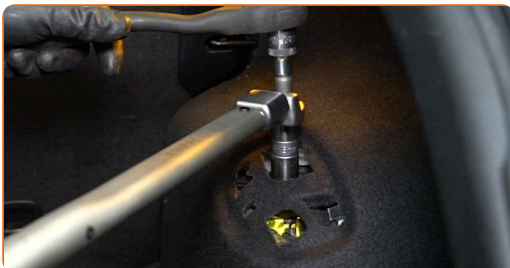
34

Remove the jacks and chocks.



35

Tighten the top fastener of the shock absorber. Use a special drive socket to remove the shock absorber # 16. Use a shock absorber socket #DD6. Use a torque wrench. Tighten it to 20 Nm torque.



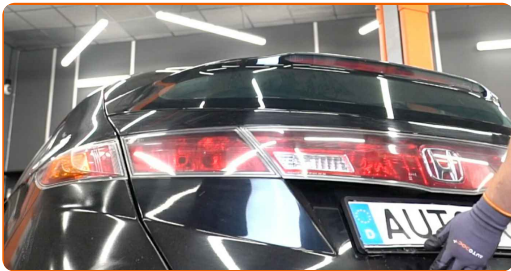
36

Install the mount cap on the shock absorber upper fastener.



37

Close the luggage compartment.



**WELL DONE!** 

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