



How to change rear coil  
springs on **PEUGEOT 307**  
**Hatchback (3A/C)** –  
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:

PEUGEOT 307 Hatchback (3A/C) 1.6, PEUGEOT 307 Hatchback (3A/C) 1.6 16V, PEUGEOT 307 Hatchback (3A/C) 2.0 16V, PEUGEOT 307 Hatchback (3A/C) 2.0 HDi 90, PEUGEOT 307 Hatchback (3A/C) 2.0 HDi 110, PEUGEOT 307 Hatchback (3A/C) 1.4, PEUGEOT 307 Hatchback (3A/C) 1.4 HDi, PEUGEOT 307 Hatchback (3A/C) 2.0 HDi 135, PEUGEOT 307 Hatchback (3A/C) 1.4 16V, PEUGEOT 307 Hatchback (3A/C) 1.6 HDi 110, PEUGEOT 307 Hatchback (3A/C) 1.6 HDi, PEUGEOT 307 Hatchback (3A/C) 1.6 BioFlex, PEUGEOT 307 Hatchback (3A/C) 2.0

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: PEUGEOT 307 SW (3H) 2.0 HDi 135

REPLACEMENT: COIL SPRINGS – PEUGEOT 307  
HATCHBACK (3A/C). TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torque wrench
- Combination spanner #13
- Drive socket # 15
- Wheel impact socket #17
- Ratchet wrench
- Hydraulic transmission jack
- Wheel chock

**Buy tools**

Replacement: coil springs – PEUGEOT 307 Hatchback (3A/C). Tip from AUTODOC experts:

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

## REPLACEMENT: COIL SPRINGS – PEUGEOT 307 HATCHBACK (3A/C). RECOMMENDED SEQUENCE OF STEPS:

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.



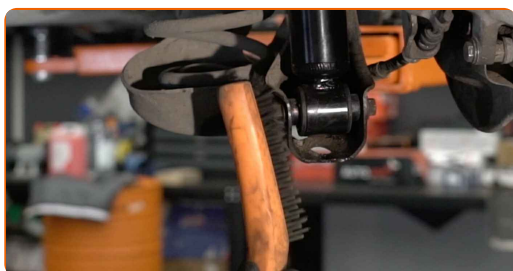
**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.  
PEUGEOT 307 Hatchback (3A/C)

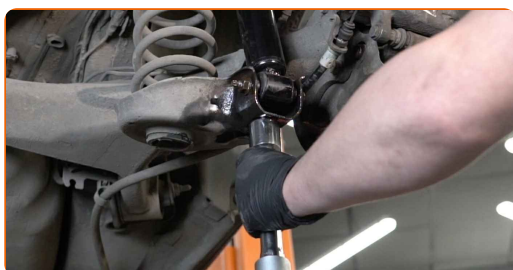
**5** Remove the wheel.



**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 #13. Use a drive socket #15. Use a ratchet wrench.



- 9** Remove the fastening bolt.



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



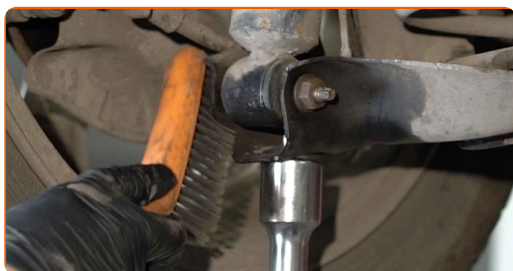
Replacement: coil springs – PEUGEOT 307 Hatchback (3A/C). AUTODOC recommends:

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

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



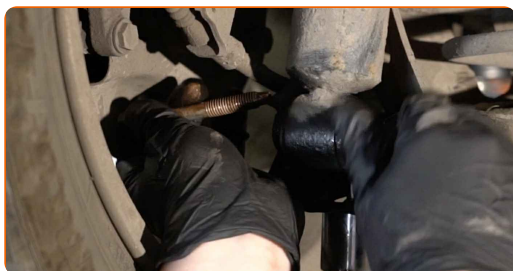
**12** Clean the shock absorber fasteners. Use a wire brush. Use WD-40 spray.



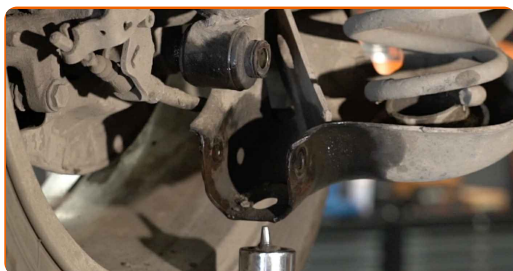
**13** Unscrew the lower fastener of the shock absorber. Use a combination spanner #13. Use a drive socket #15. Use a ratchet wrench.



**14** Remove the fastening bolt.



**15** Remove the mounting from under the rear axle beam.

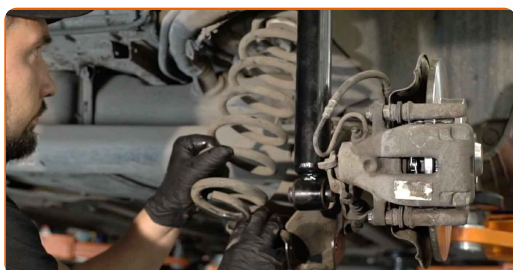


**AUTODOC recommends:**

- PEUGEOT 307 Hatchback (3A/C) – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

**16**

Take out the spring.

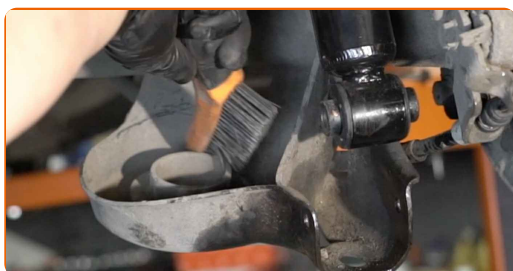


**Replacement: coil springs – PEUGEOT 307 Hatchback (3A/C). Tip:**

- Inspect the rubber mounts of the suspension spring. Replace if necessary.

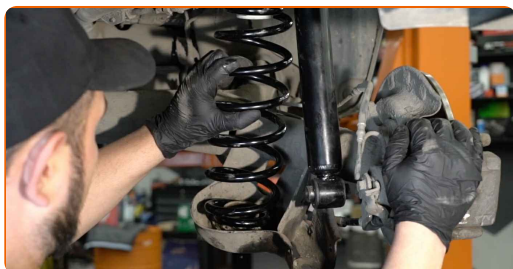
**17**

Clean the coil spring mounting seats. Use a wire brush. Use WD-40 spray.



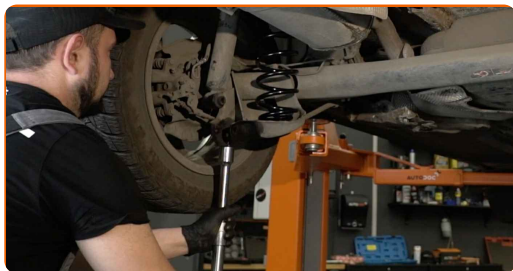
**18**

Install the coil spring together with the rubber mounts into the mounting seats.





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



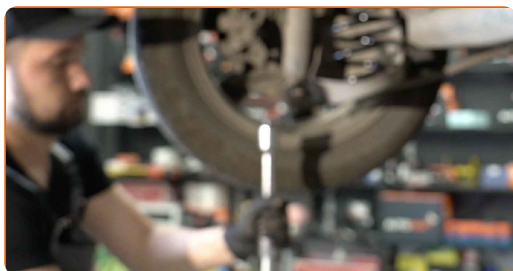
**20** Install the fastening bolt.



**21** Tighten the lower fastener of the shock absorber. Use a combination spanner #13. Use a drive socket #15. Use a torque wrench. Tighten it to 57 Nm torque.



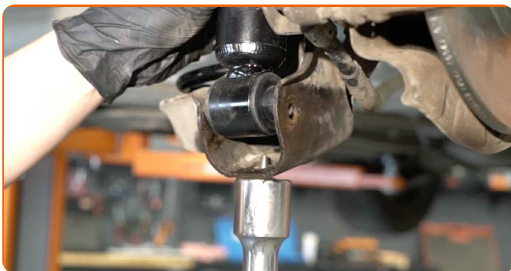
**22** Remove the mounting from under the rear axle beam.



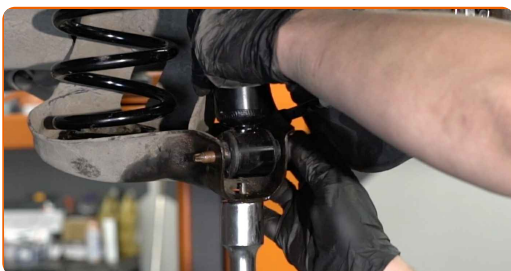
Replacement: coil springs – PEUGEOT 307 Hatchback (3A/C). AUTODOC experts recommend:

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

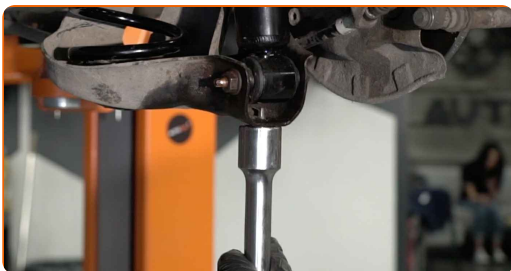
**23** Support the rear suspension beam. Use a hydraulic transmission jack.



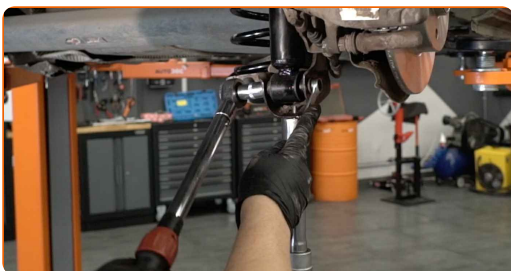
**24** Install the fastening bolt.



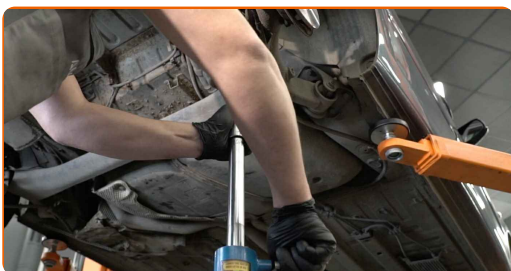
**25** Raise the hydraulic transmission jack by 10-15 cm.



**26** Tighten the lower fastener of the shock absorber. Use a combination spanner #13. Use a drive socket #15. Use a torque wrench. Tighten it to 57 Nm torque.



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

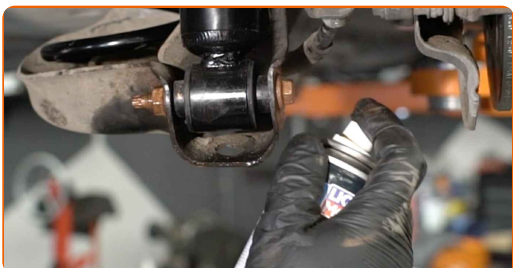


**AUTODOC recommends:**

- PEUGEOT 307 Hatchback (3A/C) – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

**28**

Treat the shock absorber fasteners. Use copper grease.



**29**

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



**30**

Clean the brake disk surface. Use a brake cleaner.



**Replacement: coil springs – PEUGEOT 307 Hatchback (3A/C). Tip from AUTODOC experts:**

- After applying the spray, wait a few minutes.

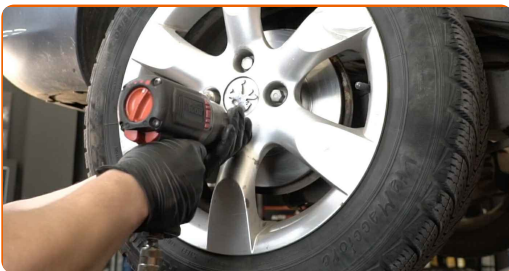
**31** Install the wheel.



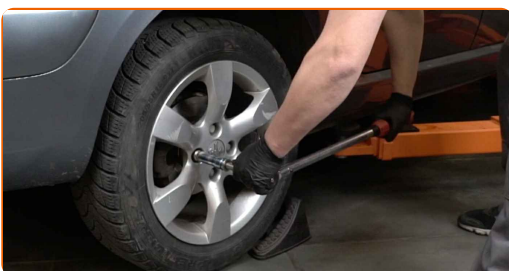
**AUTODOC recommends:**

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

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



**33** 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 100 Nm torque.



34

Remove the jacks and chocks.



**WELL DONE!** 

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