



How to change rear coil  
springs on **Peugeot 107**  
**PM PN** – replacement  
guide

## VIDEO TUTORIAL

** Important!**

This replacement procedure can be used for:  
PEUGEOT 107 Hatchback (PM, PN) 1.4 HDi

The steps may slightly vary depending on the car design.

REPLACEMENT: COIL SPRINGS – PEUGEOT 107 PM PN.  
LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Copper grease
- Drive socket # 14
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Hydraulic transmission jack
- Wheel chock

**BUY TOOLS**

Replacement: coil springs – Peugeot 107 PM PN. AUTODOC experts recommend:

- 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 107 PM PN. RECOMMENDED SEQUENCE OF STEPS:

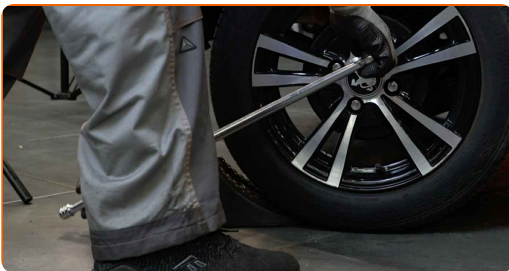
1

Secure the wheels with chocks.



2

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

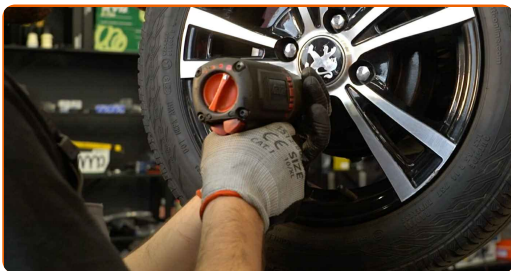


3

Raise the rear of the car and secure on supports.



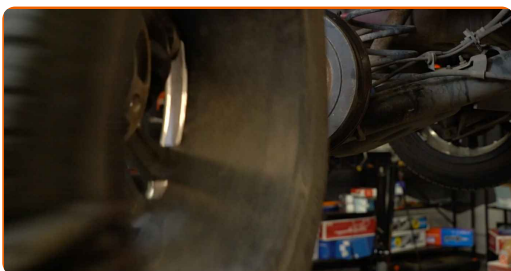
**4** Unscrew the wheel bolts.



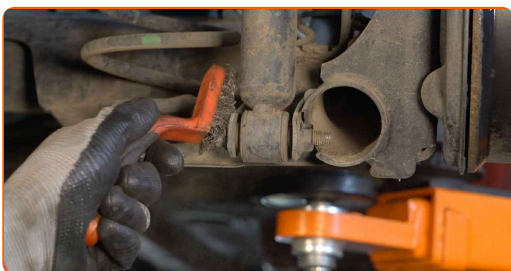
Replacement: coil springs – Peugeot 107 PM PN. Tip:

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

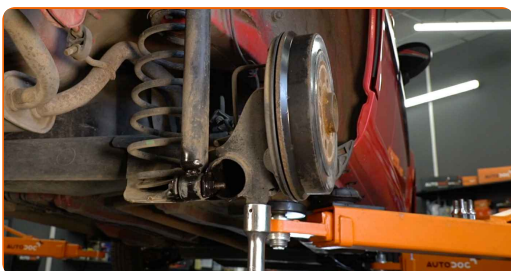
**5** Remove the wheel.



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

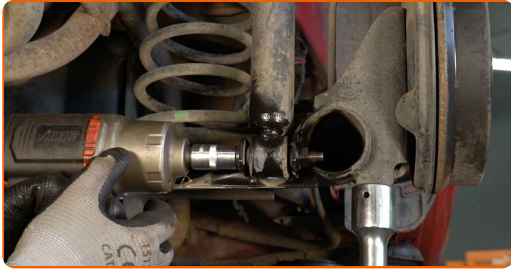


**7** Support the rear suspension beam. Use a hydraulic transmission jack.



8

Unscrew the lower fastener of the shock absorber. Use a drive socket #14. Use a ratchet wrench.

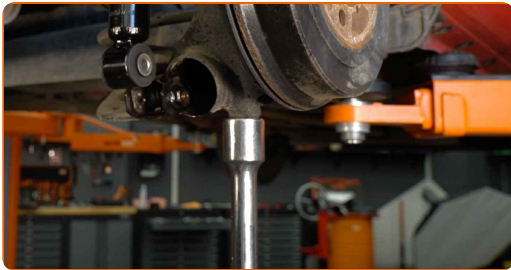


9

Remove the fastening bolt.

10

Remove the mounting from under the rear axle beam.



**AUTODOC recommends:**

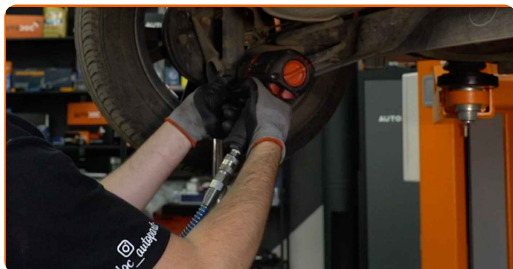
- Peugeot 107 PM PN – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

11

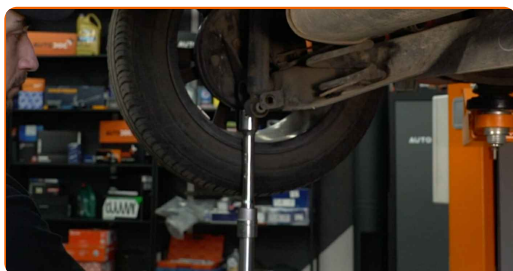
Support the rear suspension beam. Use a hydraulic transmission jack.



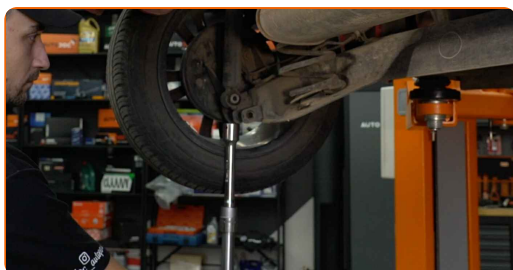
**12** Unscrew the lower fastener of the shock absorber. Use a drive socket #14. Use a ratchet wrench.



**13** Remove the fastening bolt.



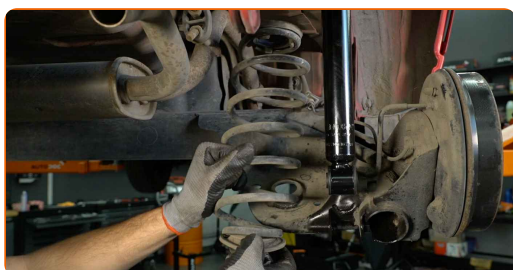
**14** Remove the mounting from under the rear axle beam.



**AUTODOC recommends:**

- Replacement: coil springs – Peugeot 107 PM PN. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

**15** Remove the spring.

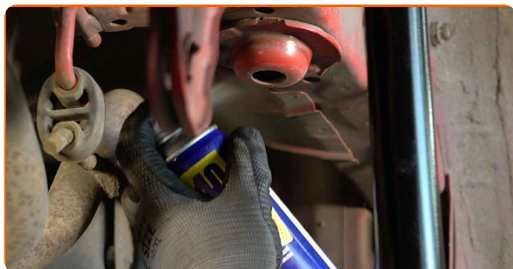


Replacement: coil springs – Peugeot 107 PM PN. Tip from AUTODOC:

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

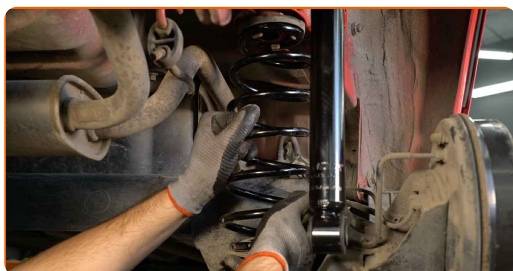
16

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



17

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



18

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

19

Install the fastening bolt.

20

Tighten the lower fastener of the shock absorber. Use a drive socket #14. Use a torque wrench. Tighten it to 48 Nm torque.

21

Remove the mounting from under the rear axle beam.

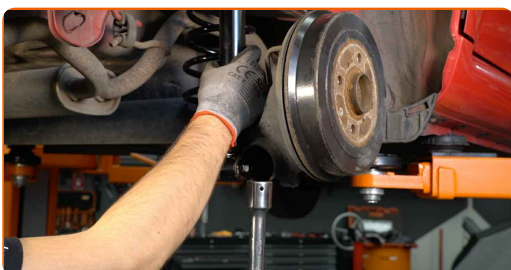


Replacement: coil springs – Peugeot 107 PM PN. Tip from AUTODOC experts:

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

22

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



23

Install the fastening bolt.



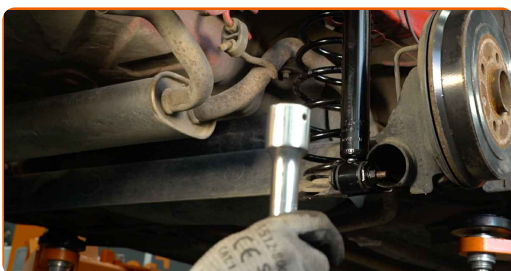
24

Tighten the lower fastener of the shock absorber. Use a drive socket #14. Use a torque wrench. Tighten it to 48 Nm torque.



25

Remove the mounting from under the rear axle beam.

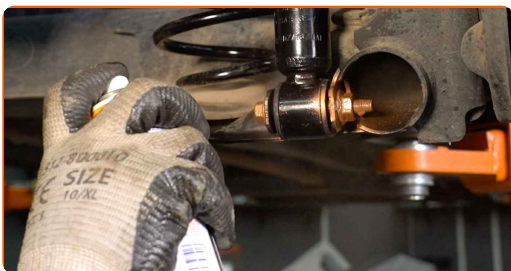


**AUTODOC recommends:**

- Peugeot 107 PM PN – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

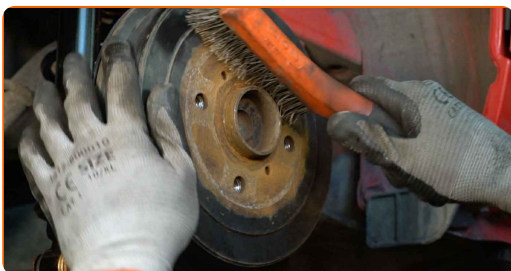
**26**

Treat the shock absorber fasteners. Use copper grease.



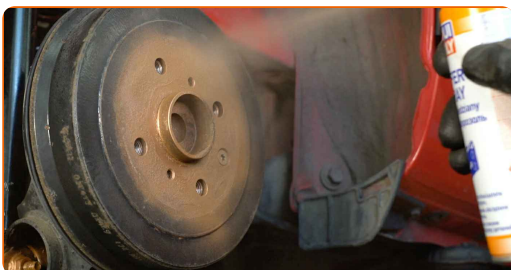
**27**

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



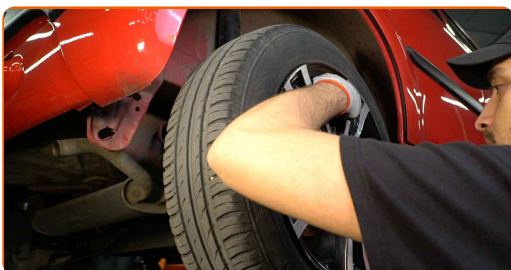
**28**

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



**29**

Install the wheel.

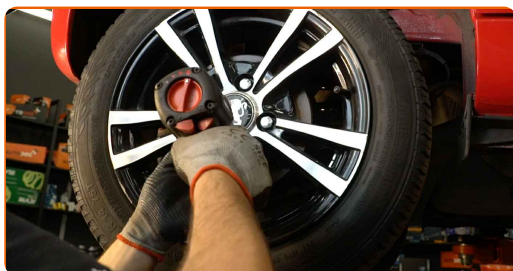


Replacement: coil springs – Peugeot 107 PM PN. Tip:

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

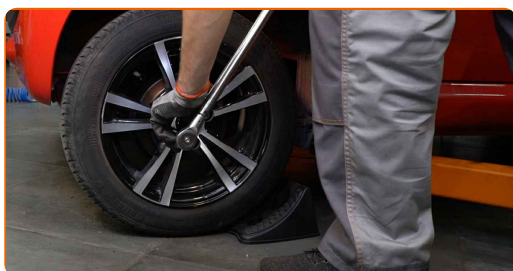
30

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



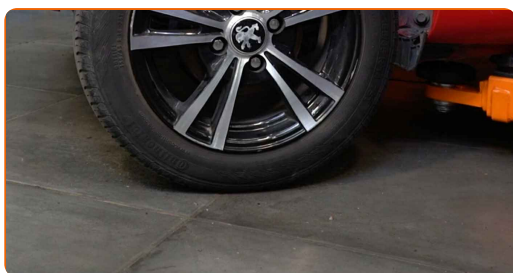
31

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.



32

Remove the jacks and chocks.



**WELL DONE!** 

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