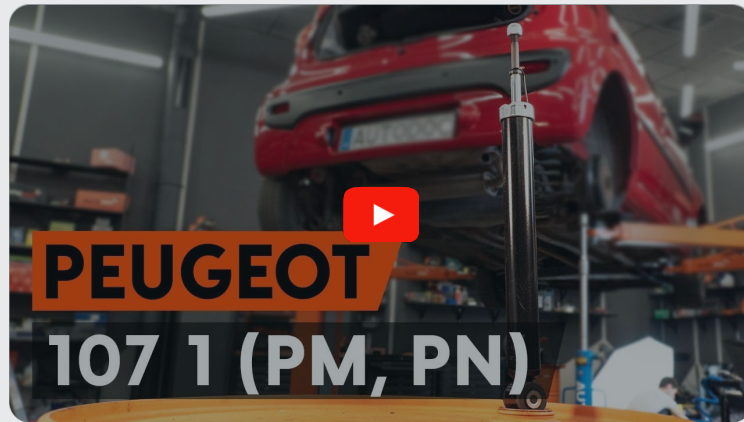




How to change rear
shock absorbers on
Peugeot 107 PM PN –
replacement guide

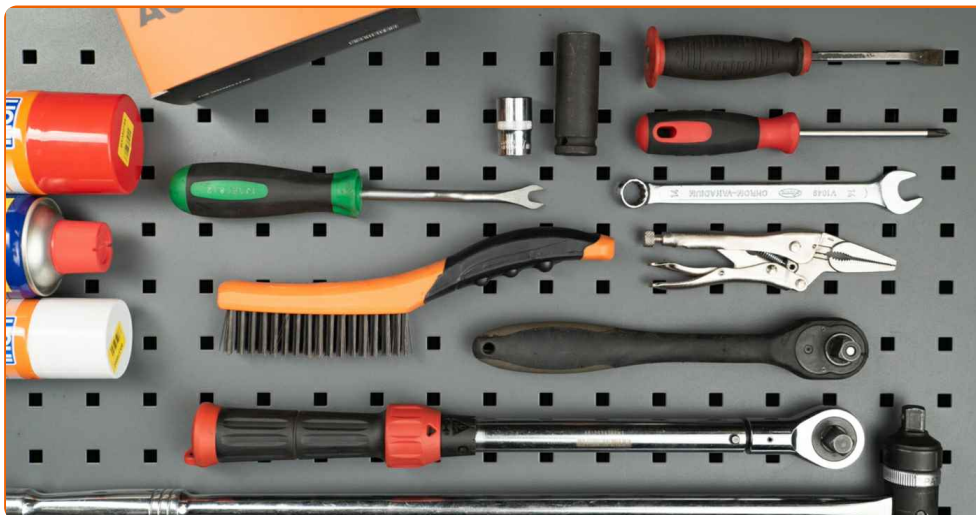
VIDEO TUTORIAL

** Important!**

This replacement procedure can be used for:
PEUGEOT 107 Hatchback (PM, PN) 1.4 HDi, PEUGEOT 108 Hatchback 1.0 VTi,
PEUGEOT 108 Hatchback 1.2

The steps may slightly vary depending on the car design.

REPLACEMENT: SHOCK ABSORBERS – PEUGEOT 107
PM PN. TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Copper grease
- Drive socket # 14
- Drive socket # 17
- Combination spanner #14
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Clip removal tool
- Phillips screwdriver
- Hydraulic transmission jack
- Wheel chock

BUY TOOLS

Replacement: shock absorbers – Peugeot 107 PM PN. AUTODOC recommends:

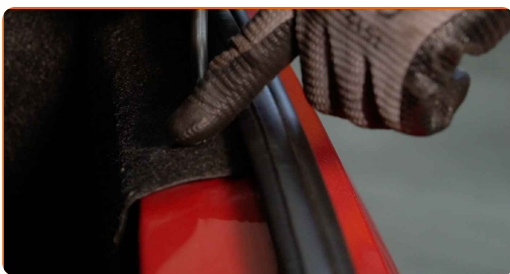
- Both shock absorbers of the rear suspension should be replaced simultaneously.
- The replacement procedure is identical for the left and right shock absorbers of the rear suspension.
- All work should be done with the engine stopped.

REPLACEMENT: SHOCK ABSORBERS – PEUGEOT 107 PM PN. USE THE FOLLOWING PROCEDURE:

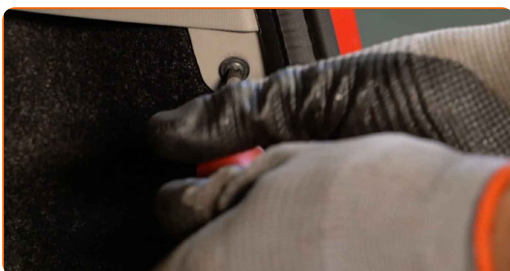
1 Open the boot lid.



2 Remove the clips of the boot side lining. Use a clip removal tool.



3 Unscrew the fastener of the boot side lining. Use a Phillips screwdriver.



4 Detach the boot side lining.



5 Unscrew the upper fastener of the shock absorber. Use a combination spanner #14 (2 pieces).



6 Secure the wheels with chocks.



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



8 Raise the rear of the car and secure on supports.



9

Unscrew the wheel bolts.

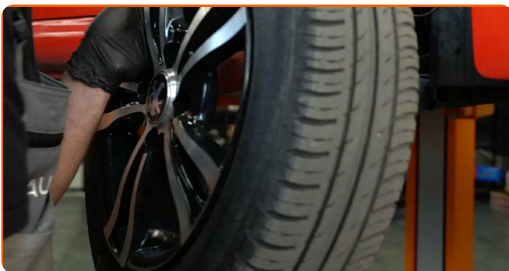


Replacement: shock absorbers – Peugeot 107 PM PN. Tip:

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

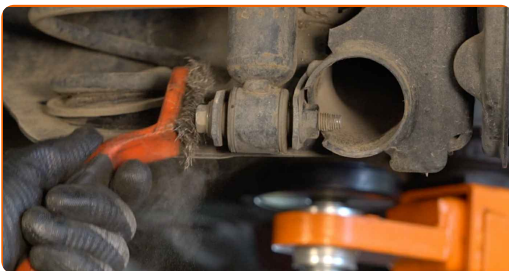
10

Remove the wheel.



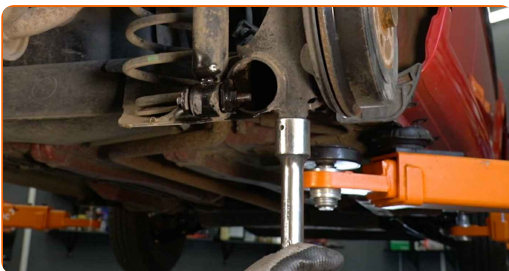
11

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



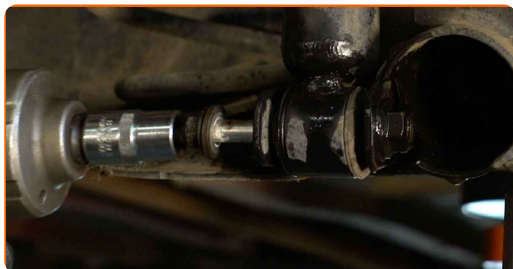
12

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



13

Unscrew the lower fastener of the shock absorber. Use a drive socket #17. Use a ratchet wrench.

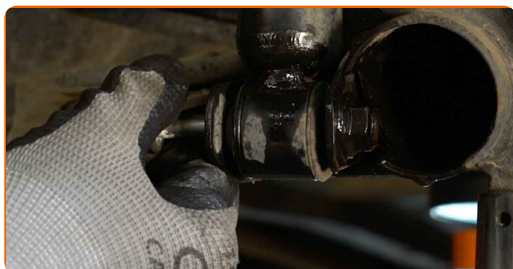


AUTODOC recommends:

- Important! Hold the shock absorber while unscrewing the fastening bolts.
Peugeot 107 PM PN

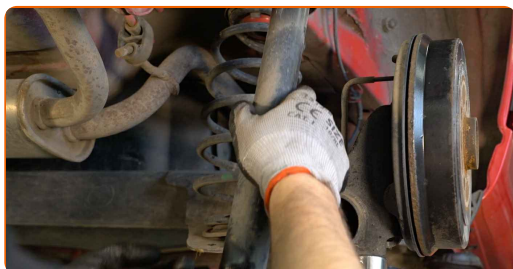
14

Remove the fastening bolt.



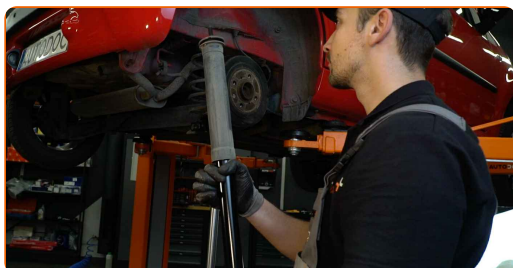
15

Remove the shock absorber.



16

Remove the shock absorber mount, boot and bump stop.



Replacement: shock absorbers – Peugeot 107 PM PN. AUTODOC experts recommend:

- Examine the shock absorber dust cap and the bump stop. Replace them if necessary.
- Before installing a new shock absorber you should pump it manually 3-5 times.

17

Install the mount, the boot and the bump stop on the shock absorber.

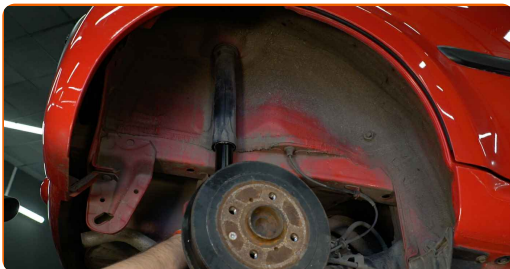


18

Treat the shock absorber mounting seats. Use a wire brush. Use WD-40 spray.

19

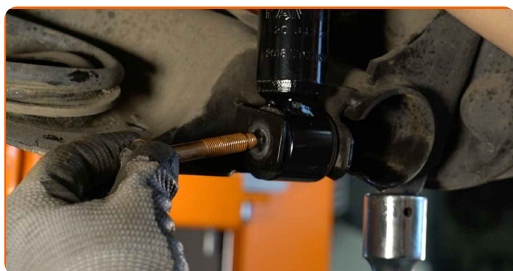
Place the shock absorber in the wheel arch and secure it.



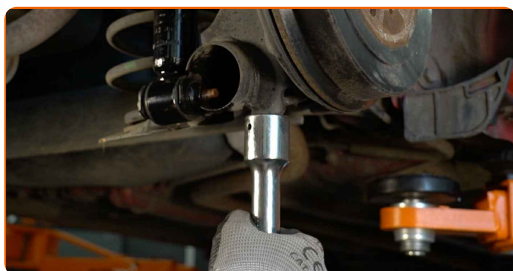
Replacement: shock absorbers – Peugeot 107 PM PN. Professionals recommend:

- To avoid injury, hold the shock absorber cautiously tight when screwing in the fastening bolts.

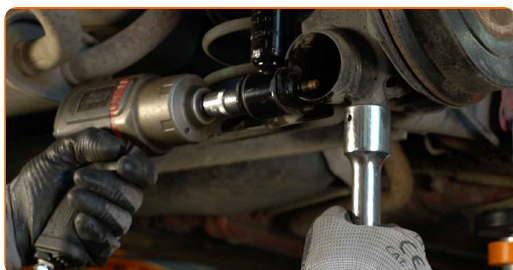
20 Install the fastening bolt.



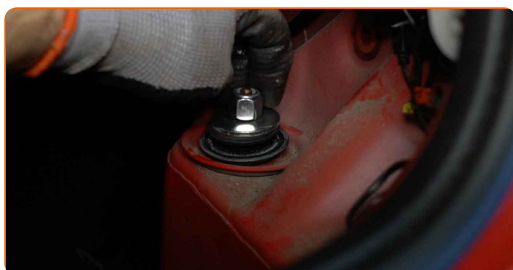
21 Raise the hydraulic transmission jack by 10-15 cm.



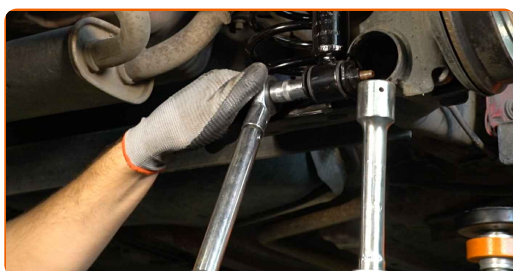
22 Screw in the lower fastener of the shock absorber. Use a drive socket #14.



23 Screw the upper fastener of the shock absorber.



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



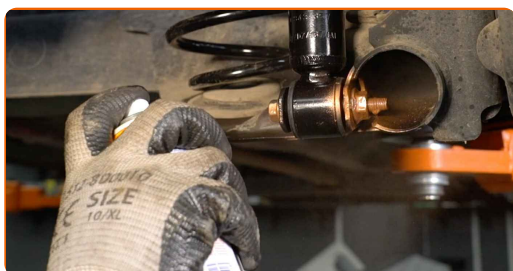
25 Remove the mounting from under the rear axle beam.



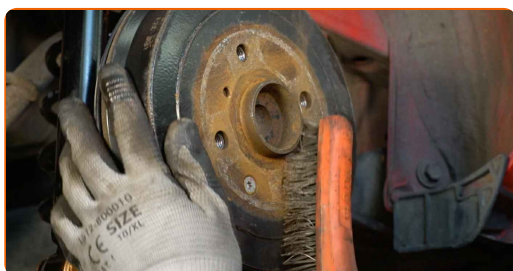
AUTODOC recommends:

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

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: shock absorbers – Peugeot 107 PM PN. Tip from AUTODOC:

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

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



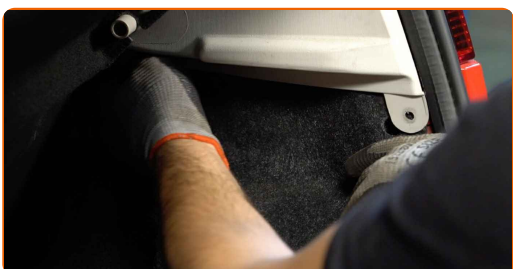
31 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 100 nm torque.



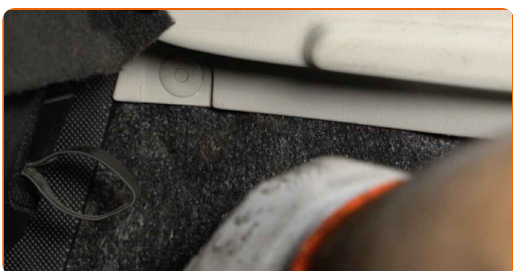
- 32** Tighten the top shock absorber fastening. Use a combination spanner #14 (2 pieces). Use a torque wrench. Tighten it to 25 Nm torque.



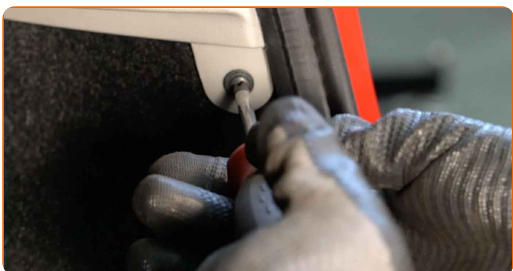
- 33** Attach the side lining of the boot.



- 34** Install the clips of the boot side lining.



- 35** Screw in the fastener of the boot side lining. Use a Phillips screwdriver.



- 36** Close the lid of the luggage compartment.



37

Remove the jacks and chocks.



WELL DONE! 

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