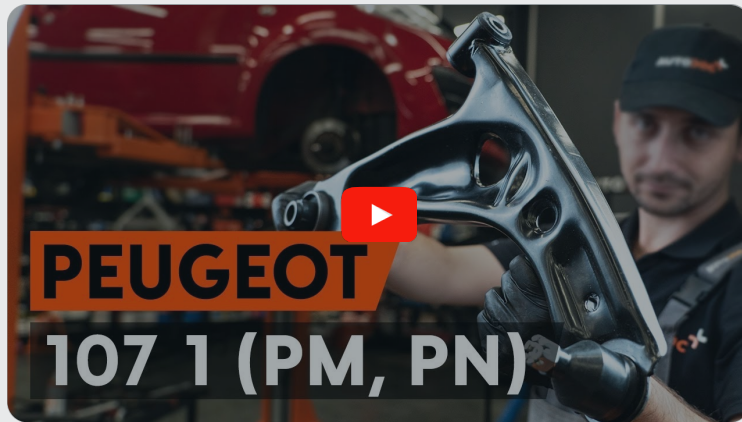




How to change front
lower arm on **Peugeot**
107 PM PN –
replacement guide

VIDEO TUTORIAL



i 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: FRONT LOWER ARM – PEUGEOT 107 PM PN. TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #10
- Combination spanner #19
- Drive socket # 12
- Drive socket # 17
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Tap wrench
- Crow bar
- Ball joint puller
- Hydraulic transmission jack
- Wheel chock

BUY TOOLS

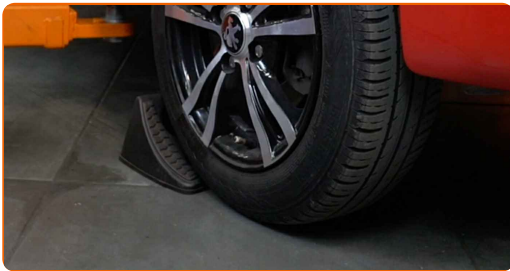
Replacement: front lower arm – Peugeot 107 PM PN. AUTODOC experts recommend:

- The replacement procedure is identical for the left and right lower control arms.
- Warning! Shut down the engine before starting any work – Peugeot 107 PM PN.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

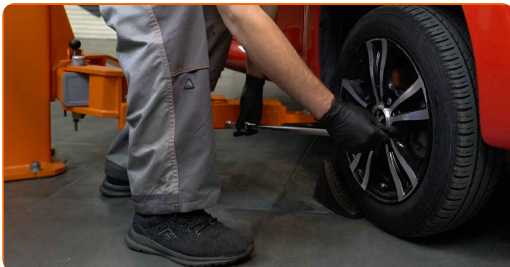
1

Secure the wheels with chocks.



2

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



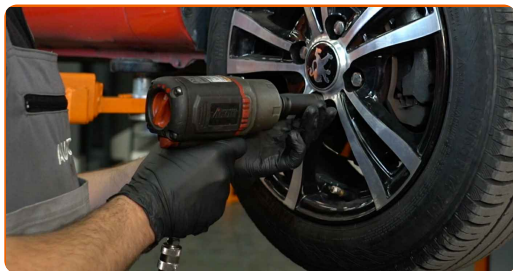
3

Raise the front of the car and secure on supports.



4

Unscrew the wheel bolts.

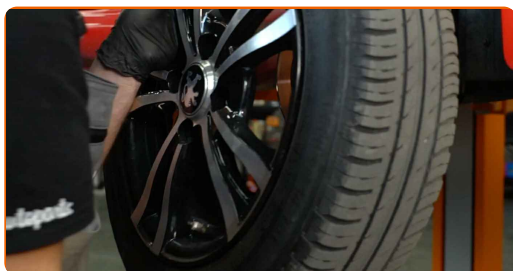


Replacement: front lower arm – Peugeot 107 PM PN. Tip:

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

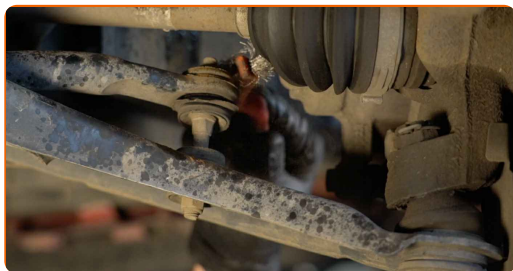
5

Remove the wheel.

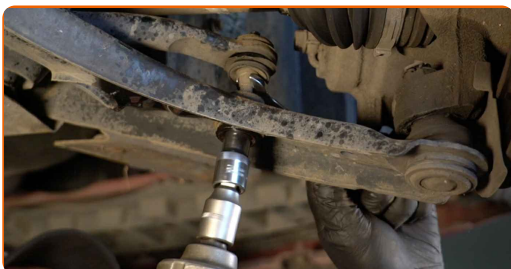


6

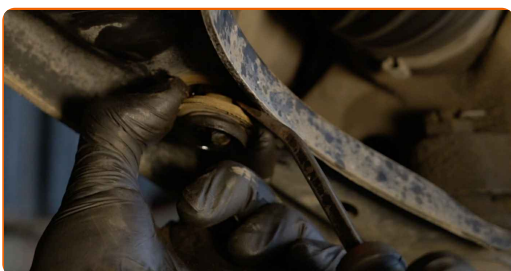
Clean the stabiliser link fasteners. Use a wire brush. Use WD-40 spray.



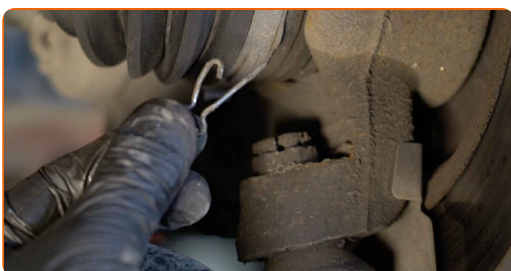
- 7** Unscrew the fastener connecting the stabilizer bar with the control arm. Use a combination spanner #10. Use a drive socket #12. Use a ratchet wrench.



- 8** Remove the stabilizer rod. Use a crowbar.



- 9** Remove the cotter pin. Use a crowbar.

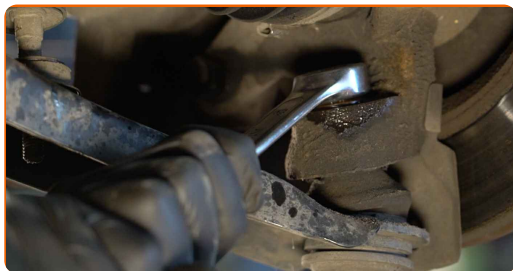


- 10** Clean the fastener connecting the ball joint to the steering knuckle. Use a wire brush. Use WD-40 spray.



11

Unscrew the ball joint fastening to the steering knuckle. Use a combination spanner #19.



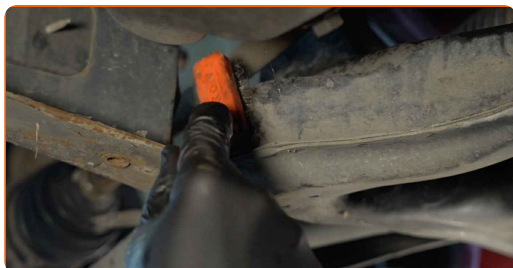
12

Disconnect the lower arm from the steering knuckle. Use a ball joint puller.



13

Clean all joints of the arm. Use a wire brush. Use WD-40 spray.

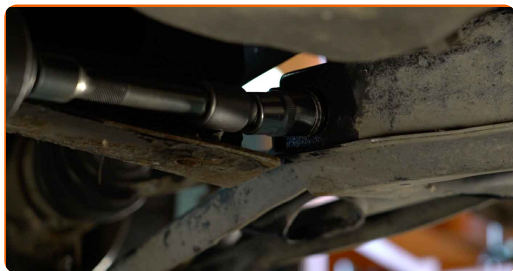


AUTODOC recommends:

- Replacement: front lower arm – Peugeot 107 PM PN. After applying the spray, wait a few minutes.

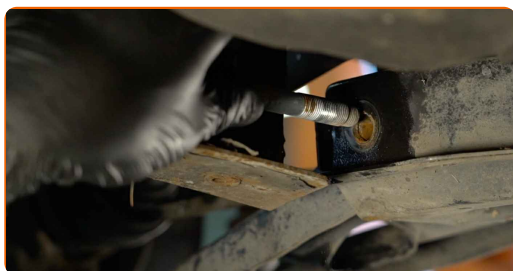
14

Unscrew the front arm fastener. Use a drive socket #17. Use a tap wrench.



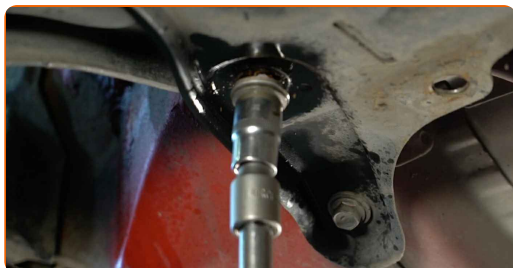
15

Remove the front fastener of the control arm. Use a drive socket #17.



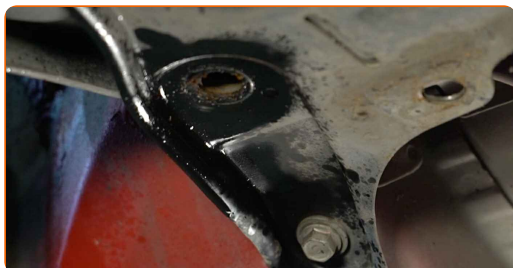
16

Unscrew the rear fastener connecting the control arm to the subframe. Use a drive socket #17. Use a tap wrench.

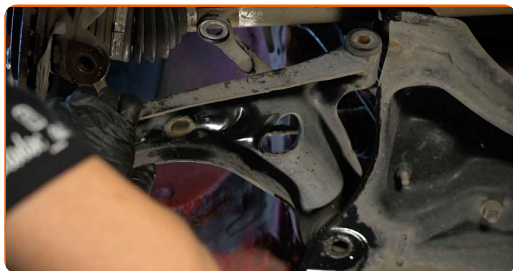


17

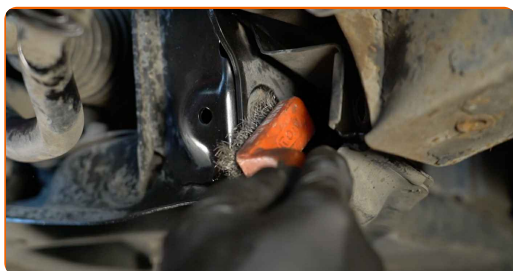
Remove the rear fastener of the control arm. Use a drive socket #17.



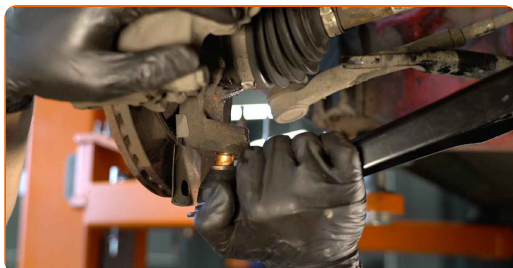
18 Remove the arm. Use a crowbar.



19 Clean the mounting seats and the thread of the suspension arm. Use a wire brush. Use WD-40 spray.



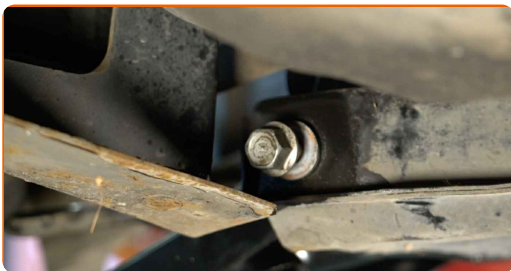
20 Install a new arm.



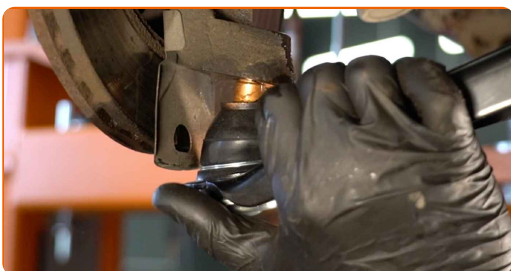
Replacement: front lower arm – Peugeot 107 PM PN. AUTODOC recommends:

- During the installation process, use only new bolts and nuts.
- Do not damage the ball joint cover.

- 21** Install the control arm fasteners. Use a drive socket #17.



- 22** Connect the lower arm to the steering knuckle.



- 23** Install the transverse stabilizer link.



- 24** Screw in the fastener connecting the stabilizer bar to the control arm. Use a combination spanner #10. Use a drive socket #12. Use a ratchet wrench.



- 25** Support the arm. Use a hydraulic transmission jack.



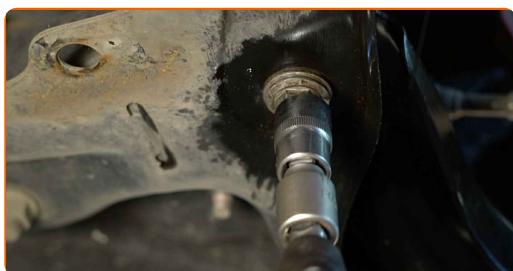
26

Screw the fastener connecting the ball joint to the steering knuckle. Use a combination spanner #19.



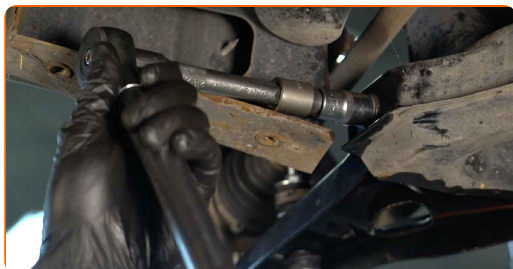
27

Tighten the rear fastener of the control arm. Use a drive socket #17. Use a torque wrench. Tighten it to 100 Nm torque.



28

Tighten the front fastener connecting the control arm to the subframe. Use a drive socket #17. Use a torque wrench. Tighten it to 116 Nm torque.



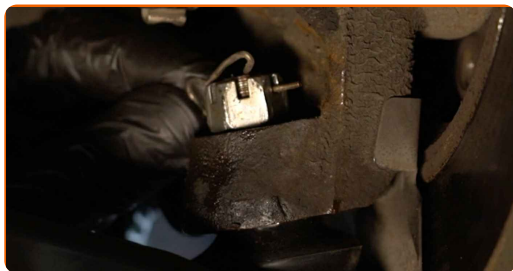
29

Tighten the ball joint fastener. Use a combination spanner #19. Use a torque wrench. Tighten it to 98 nm torque.



30

Install the cotter pin. Use a crowbar.



31

Remove the support from under the arm.

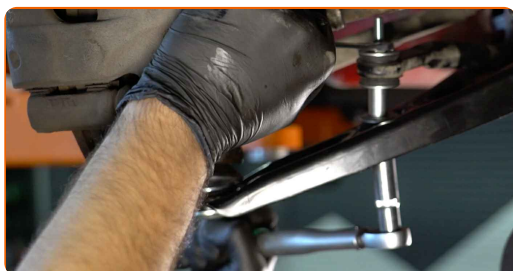


AUTODOC recommends:

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

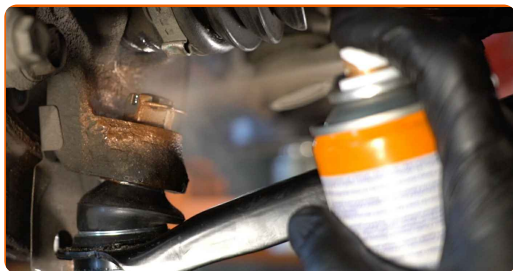
32

Tighten the fastener connecting the stabilizer bar with the control arm. Use a drive socket #12. Use a torque wrench. Tighten it to 18 Nm torque.



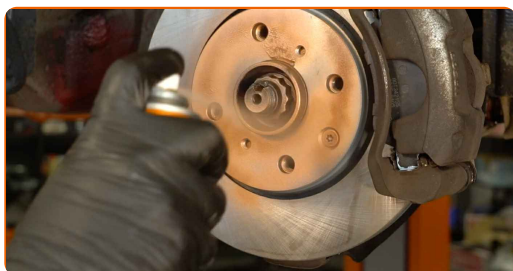
33

Treat all joints of the arm. Use copper grease.



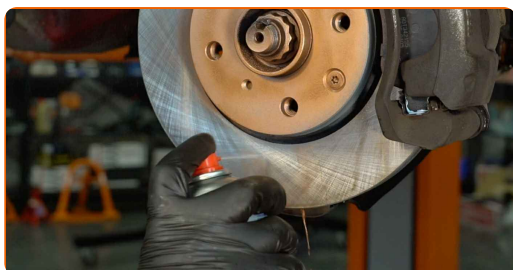
34

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



35

Clean the brake disk surface. Use a brake cleaner.

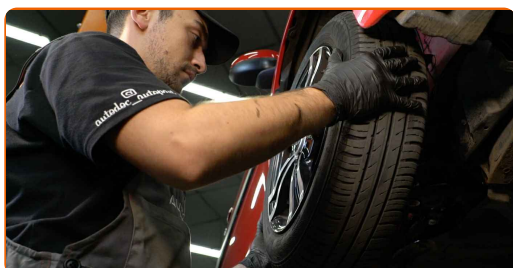


Replacement: front lower arm – Peugeot 107 PM PN. Professionals recommend:

- After applying the spray, wait a few minutes.

36

Install the wheel.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. Peugeot 107 PM PN

37

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



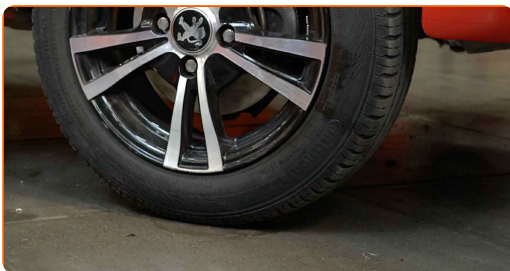
38

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.



39

Remove the jacks and chocks.



WELL DONE!

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