



How to change front
lower arm on **PEUGEOT**
307 Estate (3E) –
replacement guide

SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

i Important!

This replacement procedure can be used for:

PEUGEOT 307 Estate (3E) 1.4 16V, PEUGEOT 307 Estate (3E) 1.6 16V, PEUGEOT 307 Estate (3E) 2.0 HDI 90, PEUGEOT 307 Estate (3E) 2.0, PEUGEOT 307 Estate (3E) 1.6 HDi 110, PEUGEOT 307 Estate (3E) 2.0 HDi 135, PEUGEOT 307 Estate (3E) 1.4 HDi, PEUGEOT 307 Estate (3E) 2.0 16V, PEUGEOT 307 Estate (3E) 2.0 HDI 110, PEUGEOT 307 Estate (3E) 1.6 HDi, PEUGEOT 307 Estate (3E) 1.4, PEUGEOT 307 Estate (3E) 1.6 BioFlex

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: FRONT LOWER ARM – PEUGEOT 307 ESTATE (3E). TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torque wrench
- Combination spanner #18
- Drive socket # 18
- Drive socket # 21
- Drive socket # 36
- Torx bit T50
- Wheel impact socket #17
- Ratchet wrench
- Tap wrench
- Hammer
- Pin punch
- Crow bar
- Ball joint puller
- Hydraulic transmission jack
- Wheel chock

[Buy tools](#)

Replacement: front lower arm – PEUGEOT 307 Estate (3E). AUTODOC recommends:

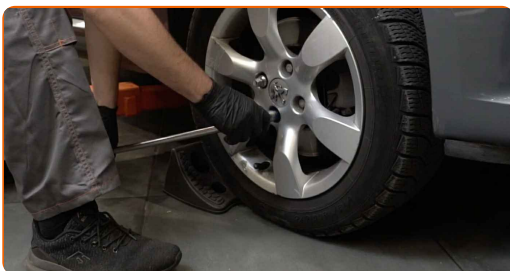
- The replacement procedure is identical for the left and right lower control arms.
- All work should be done with the engine stopped.

REPLACEMENT: FRONT LOWER ARM – PEUGEOT 307 ESTATE (3E). RECOMMENDED SEQUENCE OF STEPS:

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 307 Estate (3E). Tip from AUTODOC experts:

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

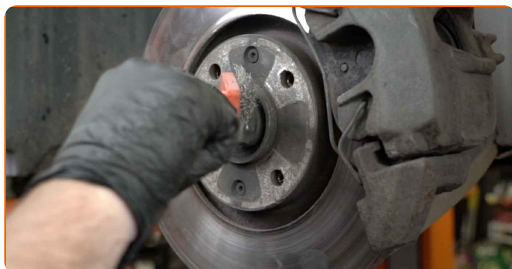
5

Remove the wheel.



6

Clean the CV axle nut cotter pin. Use a wire brush.



7

Remove the CV axle nut cotter pin. Use a pin punch.



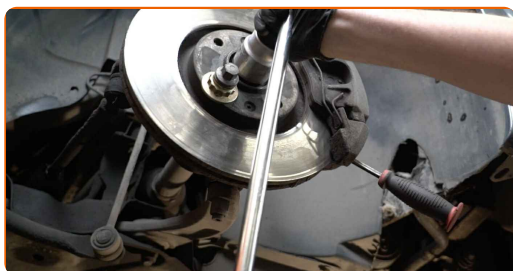
8

Clean the fastener of the driveshaft. Use a wire brush. Use WD-40 spray.



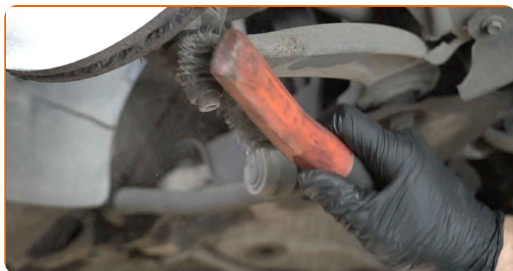
9

Loosen the fastener of the driveshaft. Use a drive socket #36. Use a ratchet wrench.



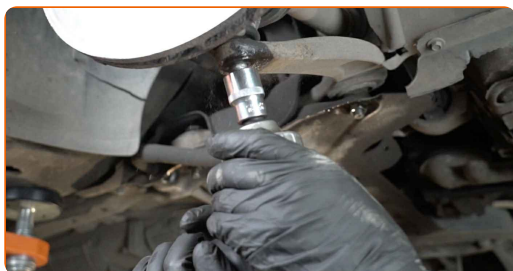
10

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

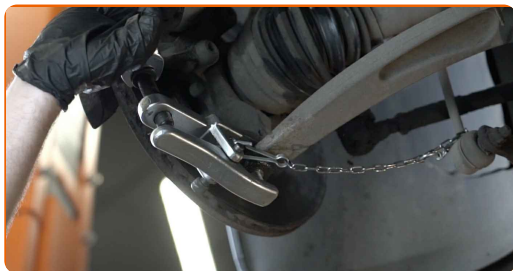


11

Unscrew the fastener connecting the ball joint to the suspension control arm. Use a drive socket #21. Use a tap wrench.



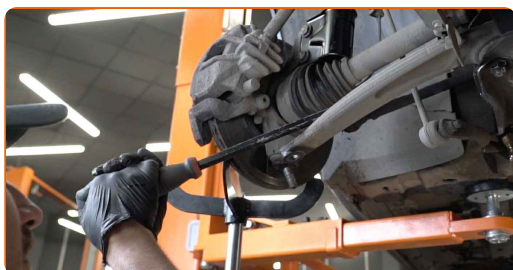
- 12 Disconnect the spherical joint from the arm. Use a ball joint puller.



- 13 Prop up the steering knuckle. Use a hydraulic transmission jack.



- 14 Disconnect the spherical joint from the arm. Use a crowbar.



- 15 Remove the support from under the steering knuckle.



AUTODOC recommends:

- Replacement: front lower arm – PEUGEOT 307 Estate (3E). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

16

Detach the driveshaft from the steering knuckle.



Replacement: front lower arm – PEUGEOT 307 Estate (3E). Tip from AUTODOC:

- Make sure that the drive shaft is not unloaded (when the car is jacked).

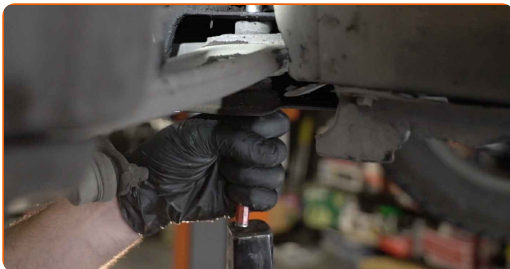
17

Unscrew the front arm fastener. Use Torx T50. Use a drive socket #21. Use a ratchet wrench.

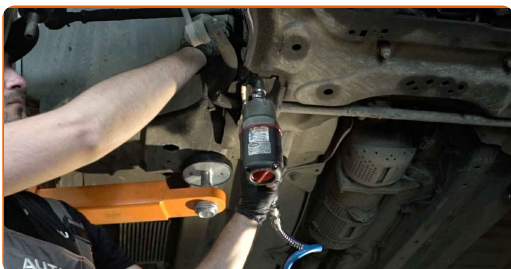


18

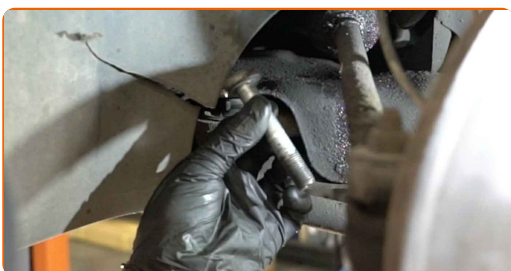
Remove the front fastener of the control arm. Use a pin punch. Use a hammer.



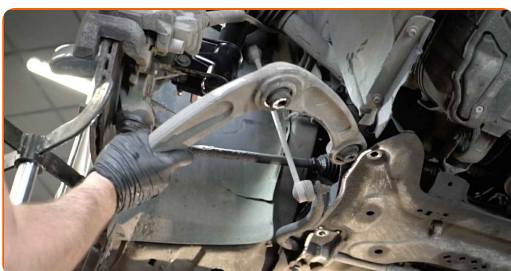
- 19** Unscrew the rear fastener connecting the control arm to the subframe. Use Torx T50. Use a drive socket #21. Use a ratchet wrench.



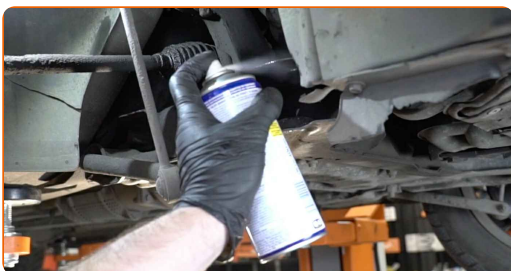
- 20** Remove the rear fastener of the control arm.



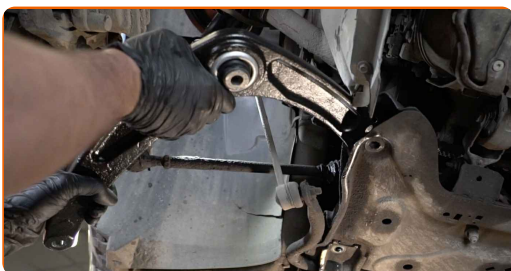
- 21** Remove the arm. Use a crowbar.



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



- 23** Install a new arm.

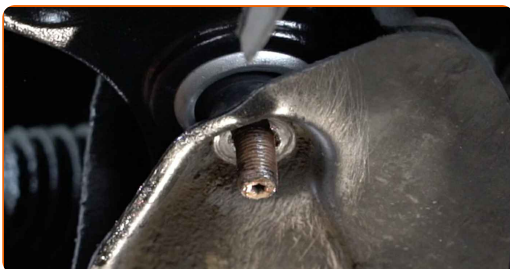


Replacement: front lower arm – PEUGEOT 307 Estate (3E). Professionals recommend:

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

24

Install the control arm fasteners.



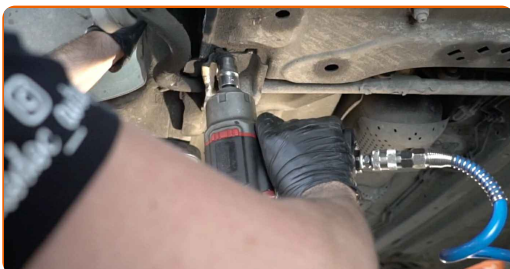
25

Screw the front arm fastener. Use Torx T50. Use a drive socket #21. Use a ratchet wrench.

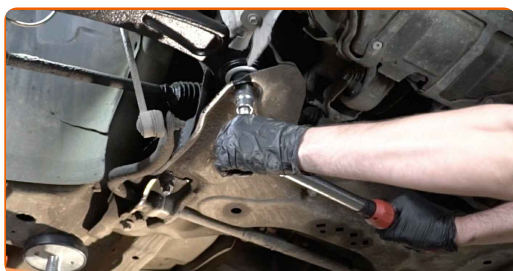


26

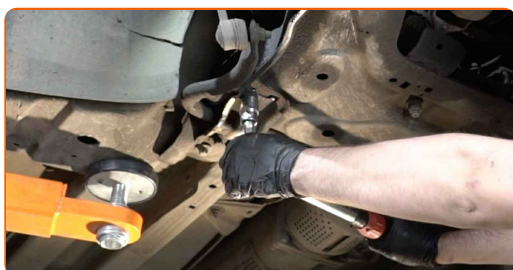
Screw the rear arm fastener. Use Torx T50. Use a drive socket #21. Use a ratchet wrench.



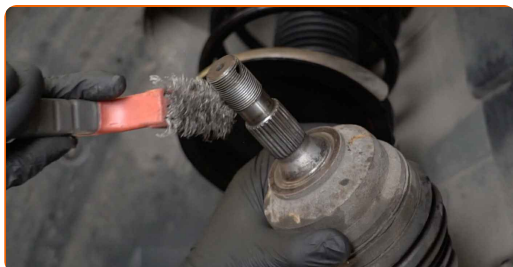
- 27** Tighten the front fastener connecting the control arm to the subframe. Use a drive socket #21. Use a torque wrench. Tighten it to 111 Nm torque.



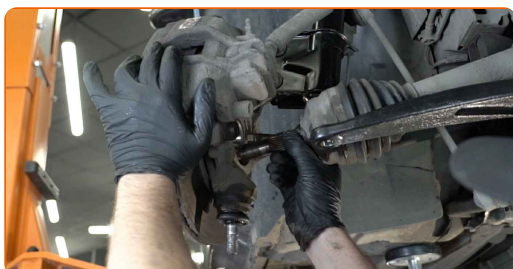
- 28** Tighten the rear fastener connecting the arm to the body subframe. Use a drive socket #21. Use a torque wrench. Tighten it to 111 Nm torque.



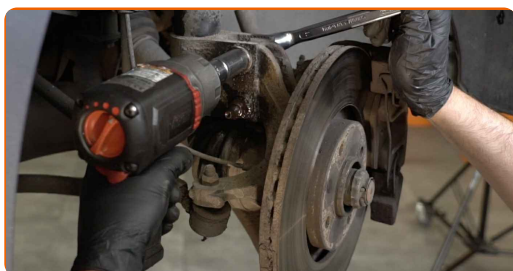
- 29** Clean the splines of the drive shaft CV joint. Use a wire brush. Use WD-40 spray.



- 30** Install the drive shaft.

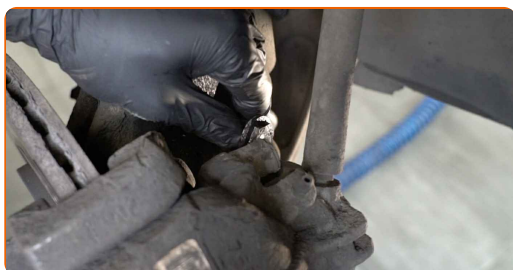


- 31** Unscrew the lower fastener connecting the shock strut to the steering knuckle. Use a combination spanner #18. Use a drive socket #18. Use a ratchet wrench.

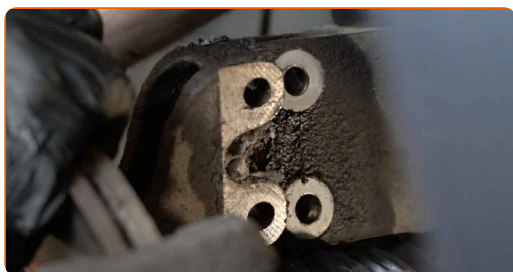


- 32** Prop up the steering knuckle. Use a hydraulic transmission jack.

- 33** Remove the fastening bolts.



- 34** Disconnect the steering knuckle from the shock absorber strut.



- 35** Attach the ball joint to the control arm.



36

Remove the support from under the steering knuckle.

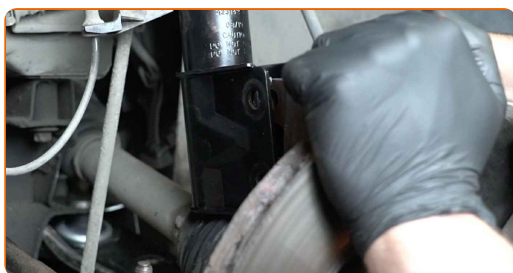


Replacement: front lower arm – PEUGEOT 307 Estate (3E). Tip from AUTODOC experts:

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

37

Fix the shock absorber strut on the steering knuckle.



38

Install the fastening bolts.



- 39** Screw in the fastener that connects the shock strut to the steering knuckle. Use a combination spanner #18. Use a drive socket #18. Use a ratchet wrench.



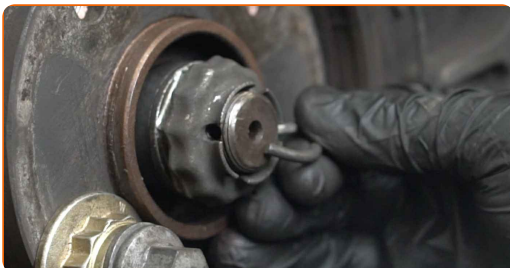
- 40** Tighten the lower fasteners connecting the shock strut to the steering knuckle. Use a combination spanner #18. Use a drive socket #18. Use a torque wrench. Tighten it to 90 Nm torque.



- 41** Tighten the drive shaft nut. Use a drive socket #36. Use a torque wrench. Tighten it to 280 Nm torque.

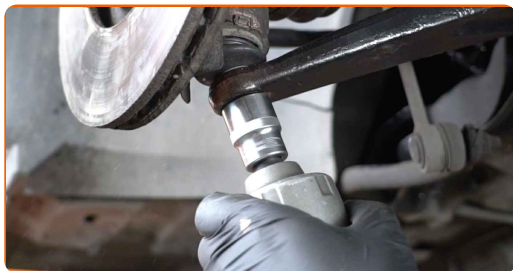


- 42** Install the CV axle nut cotter pin. Use a crowbar. Use a hammer.



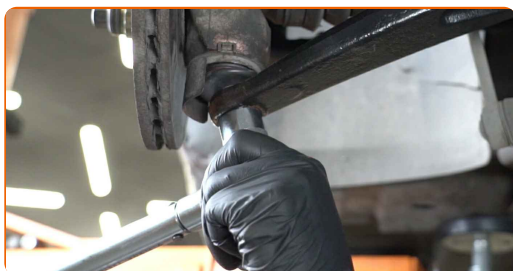
43

Screw the fasteners of the ball joint. Use a drive socket #21. Use a ratchet wrench.



44

Tighten the ball joint fastener. Use a drive socket #21. Use a torque wrench. Tighten it to 50 nm torque.



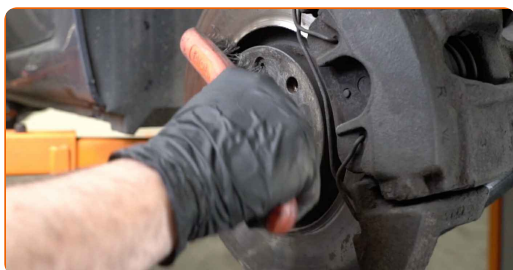
45

Treat all joints of the arm. Treat the shock strut fasteners. Use copper grease.



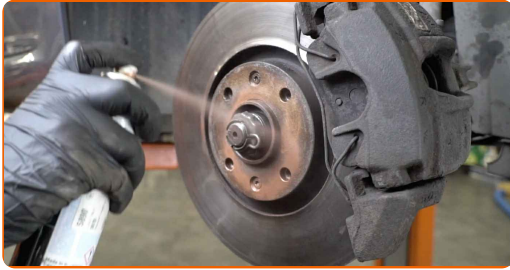
46

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



47

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



48

Clean the brake disk surface. Use a brake cleaner.

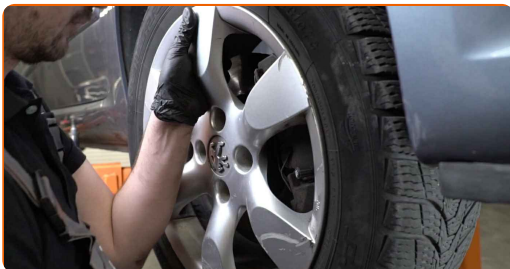


AUTODOC recommends:

- Replacement: front lower arm – PEUGEOT 307 Estate (3E). After applying the spray, wait a few minutes.

49

Install the wheel.



Replacement: front lower arm – PEUGEOT 307 Estate (3E). Tip:

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

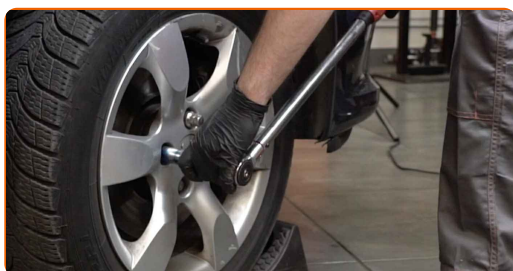
50

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



51

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.



52

Remove the jacks and chocks.

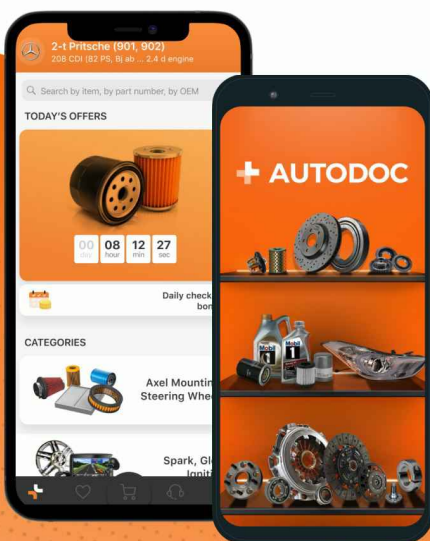


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