



How to change front  
suspension strut on  
**Peugeot 206 CC 2D** –  
replacement guide

## VIDEO TUTORIAL

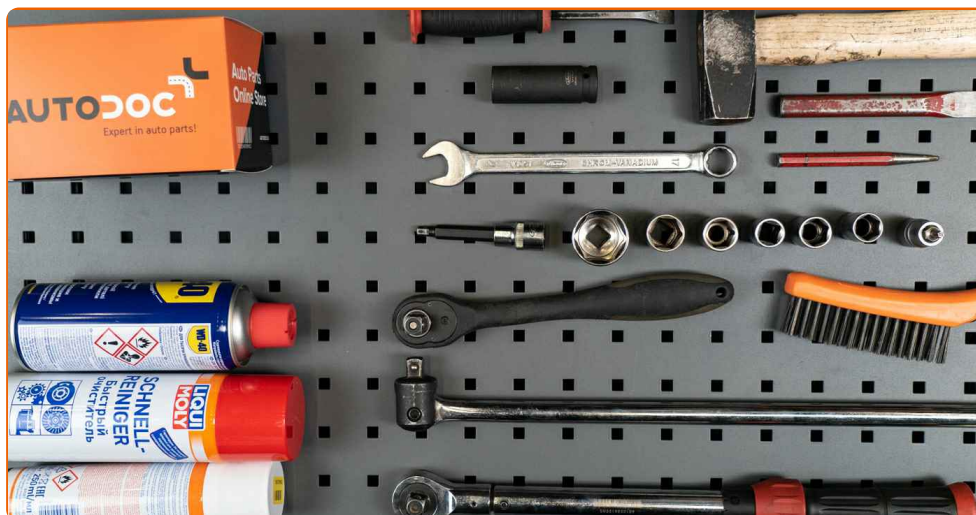
** Important!**

This replacement procedure can be used for:

PEUGEOT 206+ Hatchback (2L, 2M) 1.4 i, PEUGEOT 206 Hatchback (2A/C) 1.1 i, PEUGEOT 206 Hatchback (2A/C) 1.4 i, PEUGEOT 206 Hatchback (2A/C) 1.6 i, PEUGEOT 206 Hatchback (2A/C) 1.9 D, PEUGEOT 206 Hatchback (2A/C) 2.0 HDI 90,, PEUGEOT 206 Hatchback (2A/C) 1.4 16V, PEUGEOT 206 Hatchback (2A/C) 1.1, PEUGEOT 206 Hatchback (2A/C) 1.0, PEUGEOT 206+ Hatchback (2L, 2M) 1.1, PEUGEOT 206+ Hatchback (2L, 2M) 1.4 HDi eco 70, PEUGEOT 206 Hatchback (2A/C) 1.6 8V, PEUGEOT 206+ Hatchback (2L, 2M) 1.1 LPG, PEUGEOT 206 Hatchback (2A/C) 1.6 BiFuel

The steps may slightly vary depending on the car design.

**REPLACEMENT: SUSPENSION STRUT – PEUGEOT 206  
CC 2D. LIST OF THE TOOLS YOU'LL NEED:**



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #17
- Torx bit T30
- HEX bit no.H7.
- Drive socket # 13
- Drive socket # 16
- Drive socket # 17
- Drive socket # 18
- Drive socket # 21
- Drive socket # 32
- Wheel impact socket #19
- Ratchet wrench
- Torque wrench
- Tap wrench
- Hammer
- Pin punch
- Flat chisel
- Crow bar
- Hydraulic strut spring compressor
- Hydraulic transmission jack
- Fender cover
- Wheel chock

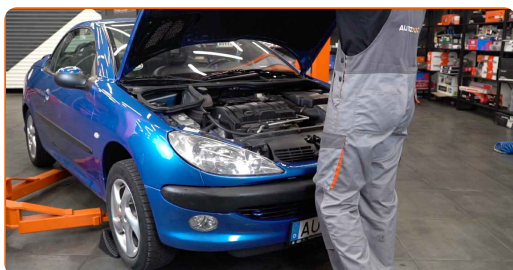
**BUY TOOLS**

Replacement: suspension strut – Peugeot 206 CC 2D. Tip from AUTODOC:

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

**REPLACEMENT: SUSPENSION STRUT – PEUGEOT 206 CC 2D. RECOMMENDED SEQUENCE OF STEPS:**

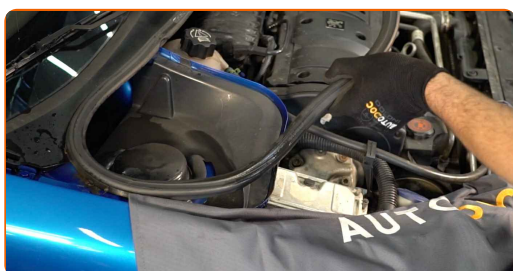
**1** Open the bonnet.



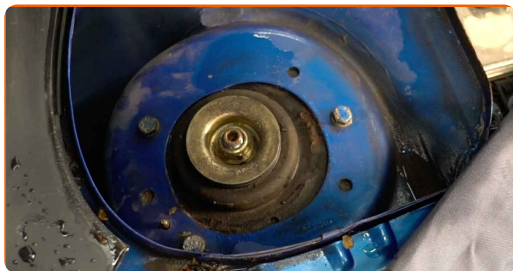
**2** Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.



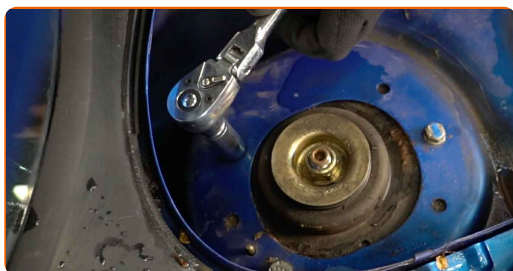
**3** Remove the rubber strip.



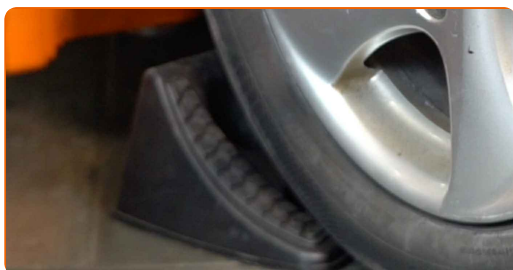
**4** Remove the shock strut mount cap.



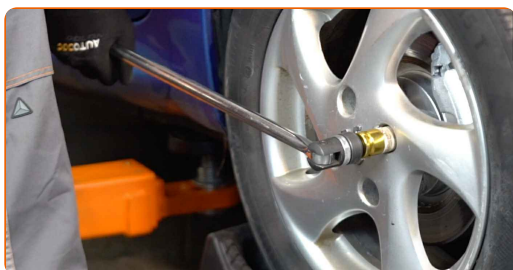
**5** Loosen the upper fastener of the shock strut mount. Use a drive socket #13. Use a ratchet wrench.



**6** Secure the wheels with chocks.



**7** Loosen the wheel mounting bolts. Use wheel impact socket #19.



**8** Raise the front of the car and secure on supports.



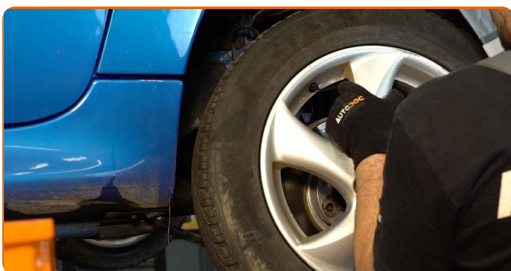
**9** Unscrew the wheel bolts.



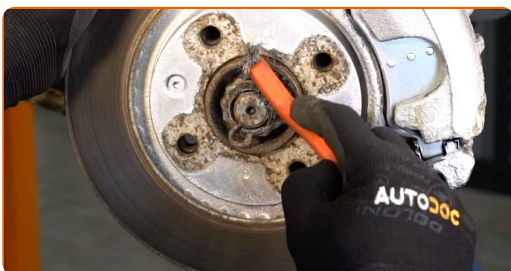
**Replacement: suspension strut – Peugeot 206 CC 2D. Tip:**

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

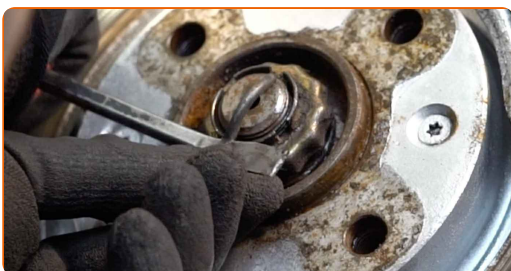
**10** Remove the wheel.



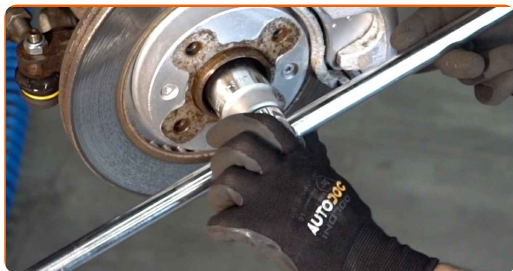
**11** Release the fastener that connects the control arm ball joint to the steering knuckle. Use a wire brush.



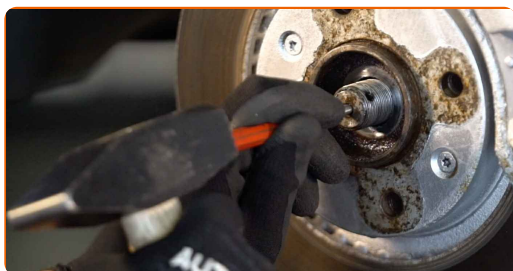
**12** Remove the cotter pin. Use a crowbar.



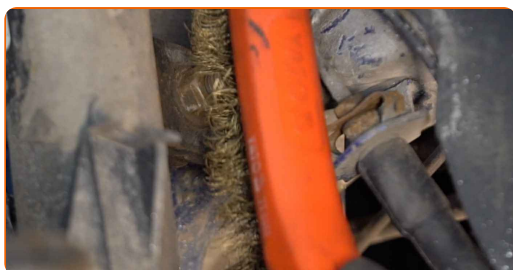
**13** Loosen the fastener of the driveshaft. Use a drive socket #32. Use a tap wrench. Use a crowbar.



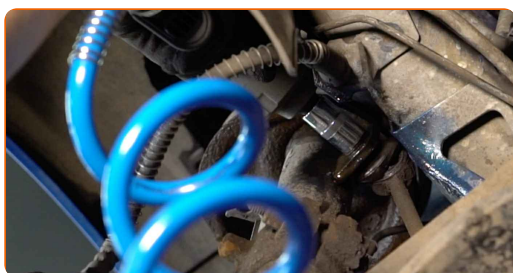
**14** Detach the driveshaft from the steering knuckle. Use a pin punch. Use a hammer.



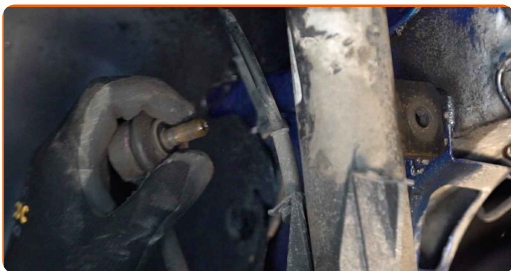
**15** Clean the stabiliser link fasteners. Use a wire brush. Use WD-40 spray.



**16** Unscrew the fastener connecting the stabilizer link to the shock strut. Use a drive socket #16. Use Torx T30. Use a ratchet wrench.



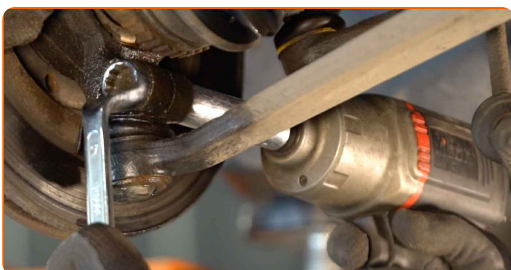
**17** Remove the stabilizer rod.



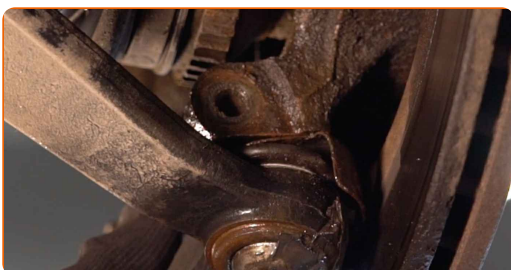
**18** Clean the fastener connecting the ball joint to the steering knuckle. Use a wire brush. Use WD-40 spray.



**19** Unscrew the ball joint fastening to the steering knuckle. Use a combination spanner #17. Use a drive socket #17.

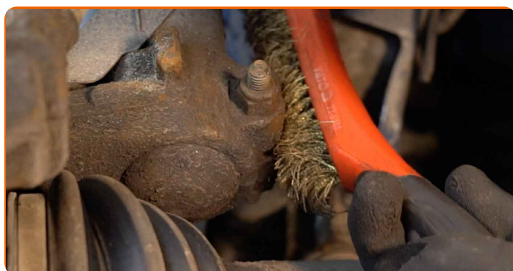


**20** Remove the fastening bolt.

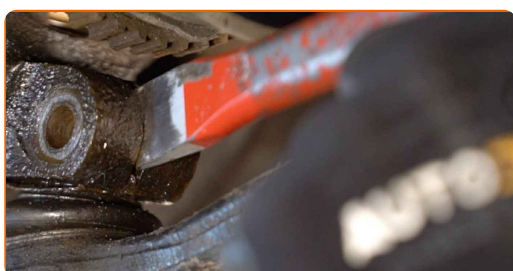




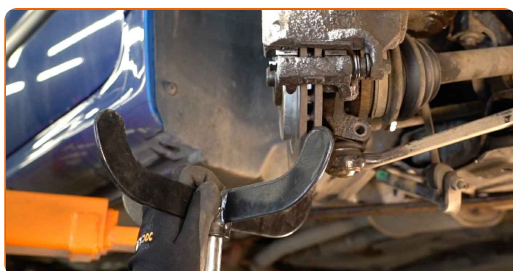
**21** Clean the fasteners connecting the shock strut to the steering knuckle. Use a wire brush. Use WD-40 spray.



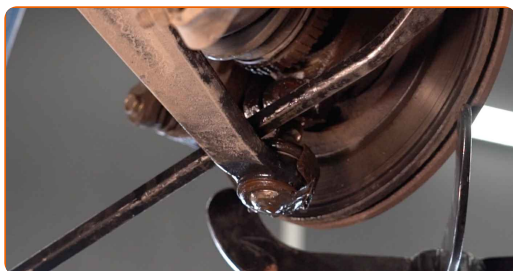
**22** Release the fastener that connects the control arm ball joint to the steering knuckle. Use a flat metal-working chisel. Use a hammer.



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



**24** Disconnect the lower arm from the steering knuckle. Use a crowbar.



**25** Remove the support from under the steering knuckle.



**AUTODOC recommends:**

- Replacement: suspension strut – Peugeot 206 CC 2D. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

**26**

Unscrew the lower fastener connecting the shock strut to the steering knuckle. Use a drive socket #18.



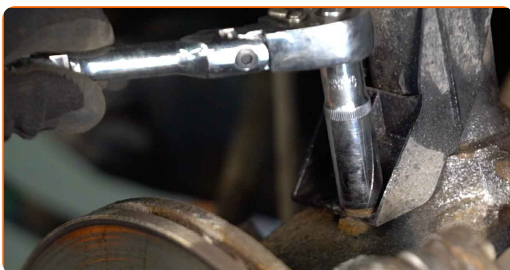
**27**

Remove the fastening bolt.



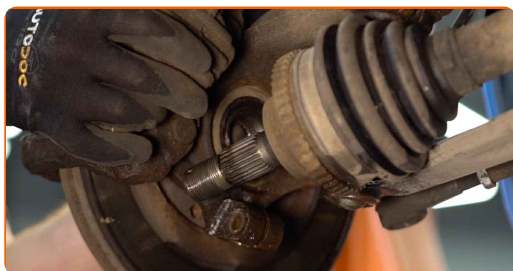
**28**

Unscrew the brake hose fastening bracket from the shock strut. Use a drive socket #13. Use a ratchet wrench.



29

Pull the drive shaft out of the steering knuckle and lifting it, tie to the body.

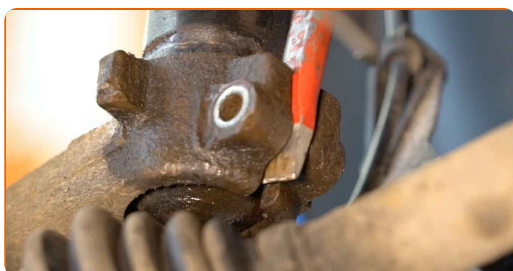


Replacement: suspension strut – Peugeot 206 CC 2D. AUTODOC recommends:

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

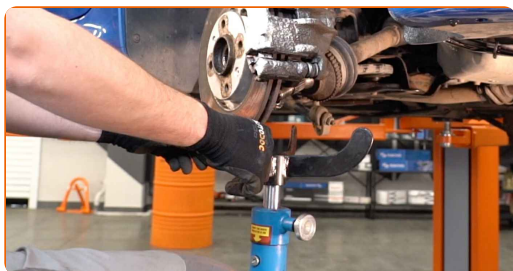
30

Release the lower fastener connecting the shock strut to the steering knuckle. Use a flat metal-working chisel. Use a hammer.



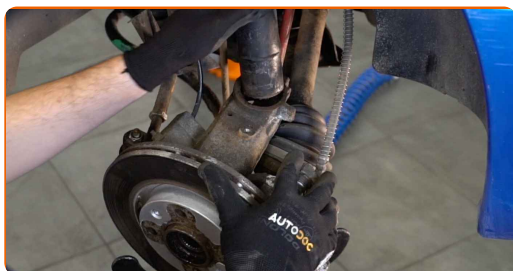
31

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



32

Disconnect the steering knuckle from the shock absorber strut. Use a hammer.



33

Unscrew the top fastening of the shock strut mount. Use a drive socket #13. Use a ratchet wrench.

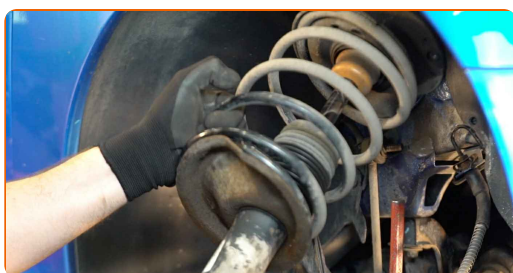


Replacement: suspension strut – Peugeot 206 CC 2D. AUTODOC experts recommend:

- To avoid injuries, hold the shock strut when undoing the fastening bolts.

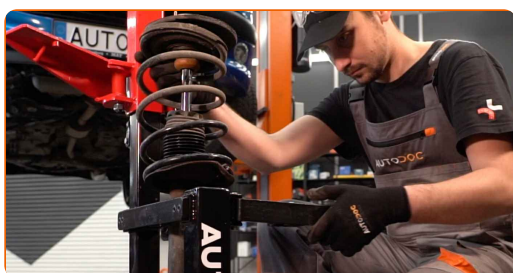
34

Remove the suspension strut.



35

Set the shock absorber strut on the spring compressor tool.

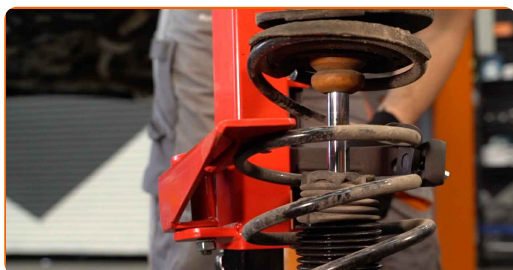


Replacement: suspension strut – Peugeot 206 CC 2D. Tip from AUTODOC:

- Note that when using a spring compressor, spring coils need to be securely gripped, compressing the spring on the opposite sides.
- Ensure the correct position of the spring in the retainer.
- Make sure that the spring coils tightly entered the lock handles.

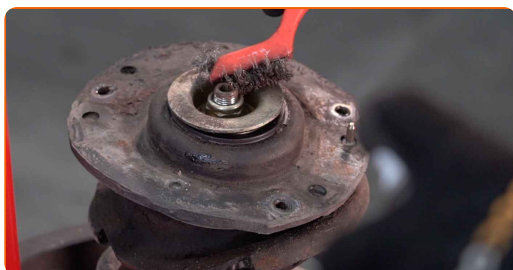
36

Compress the spring.



37

Treat the shock strut rod. Use a wire brush. Use WD-40 spray.



38

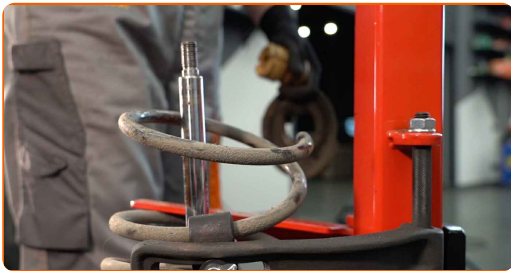
Remove the strut piston rod nut. Use a drive socket #21. Use HEX No.H7. Use a ratchet wrench.



**39** Remove the shock absorber mount, boot and bump stop.



**40** Release the coil spring.



**41** Remove the spring.



**42** Remove the old shock absorber from the hydraulic coil spring compressor.



**AUTODOC recommends:**

- Replacement: suspension strut – Peugeot 206 CC 2D. Carefully inspect the mount, the boot, and the bump stop of the shock absorber. Replace if necessary.
- Before installing a new shock absorber you should pump it manually 3-5 times.

**43**

Install the new shock absorber on the hydraulic coil spring compressor.



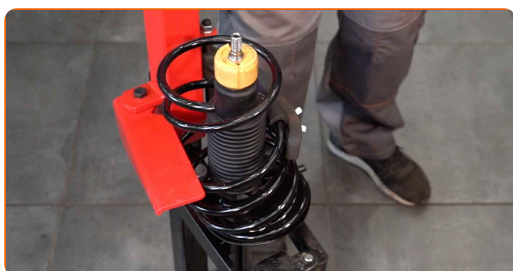
**44**

Install the spring on the shock absorber.



**45**

Install the dust sleeve and the bump stop on the new shock absorber.



**46** Compress the spring.



**47** Install the upper strut mount and the strut mount bearing.



**48** Tighten the shock strut piston rod nut. Use a drive socket #21. Use HEX No.H7. Use a torque wrench. Tighten it to 45 Nm torque.



Replacement: suspension strut – Peugeot 206 CC 2D. Tip from AUTODOC experts:

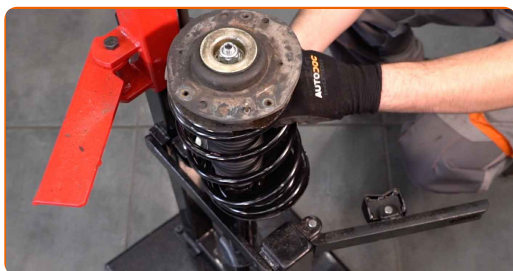
- Check to make sure the spring is positioned correctly. Avoid its misalignment.



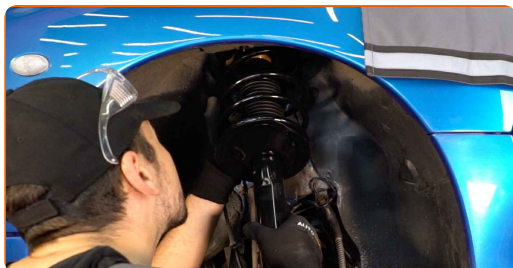
**49** Decompress the spring.



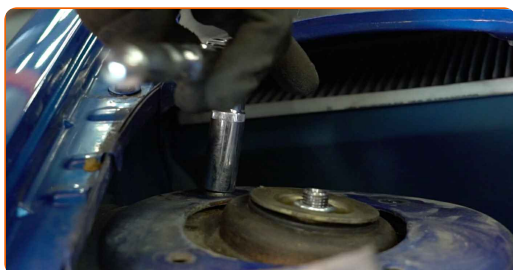
**50** Remove the assembled shock strut.



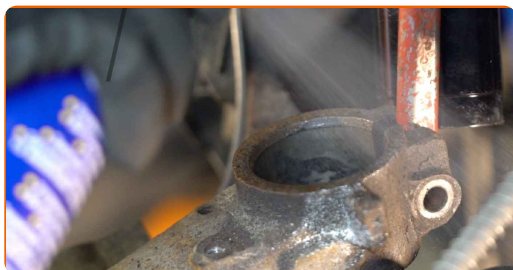
**51** Install the shock strut into the wheel arch.



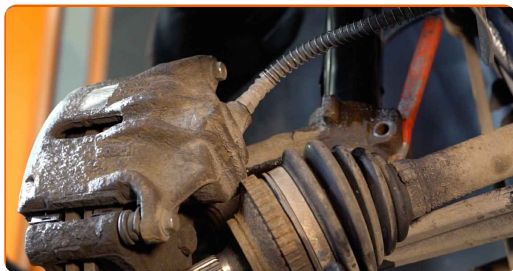
**52** Screw the top fastening of the shock strut mount. Use a drive socket #13. Use a ratchet wrench. Do not tighten it.



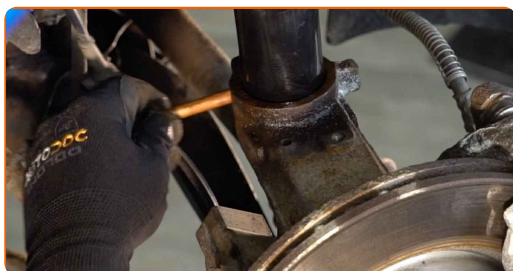
**53** Treat the shock strut mounting seat on the steering knuckle. Use a wire brush. Use WD-40 spray.



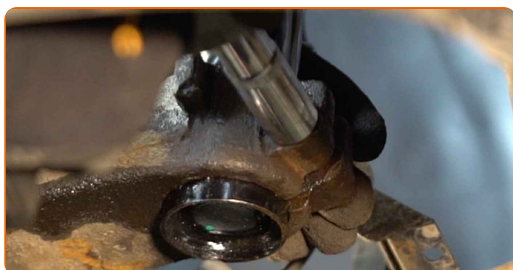
**54** Fix the shock absorber strut on the steering knuckle.



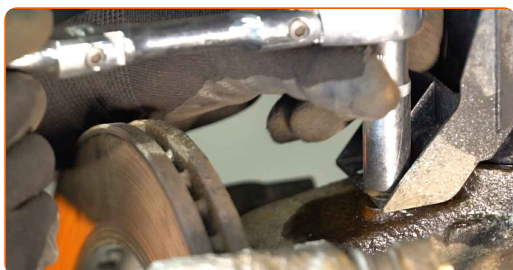
**55** Install the fastening bolt.



**56** Screw in the fastener that connects the shock strut to the steering knuckle. Use a drive socket #18.



**57** Tighten the brake hose fastening bracket to the shock strut. Use a drive socket #13. Use a ratchet wrench.



**58** Remove the support from under the steering knuckle.



**AUTODOC recommends:**

- Peugeot 206 CC 2D – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

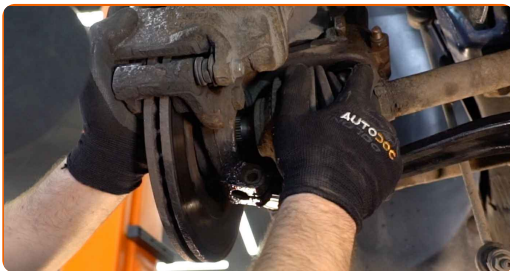
**59**

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



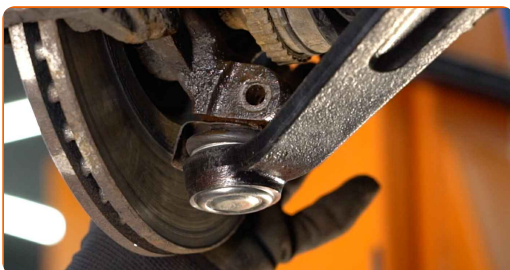
**60**

Install the drive shaft.



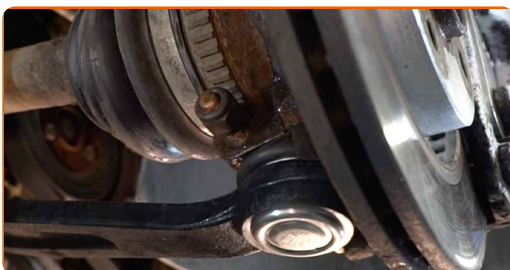
**61**

Connect the lower arm to the steering knuckle.



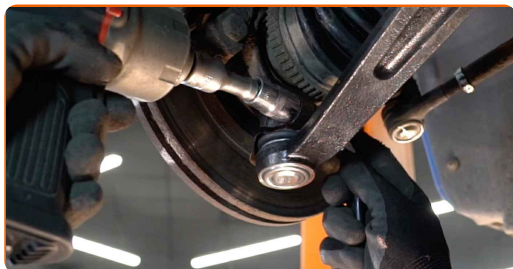
**62**

Install the fastening bolt.



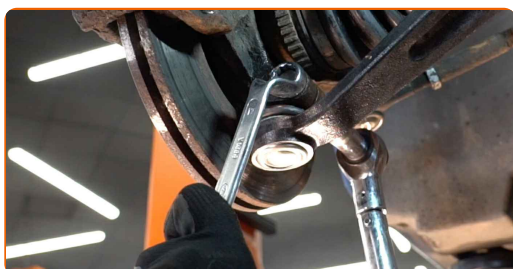
63

Screw the fasteners of the ball joint. Use a drive socket #17. Use a combination spanner #17.



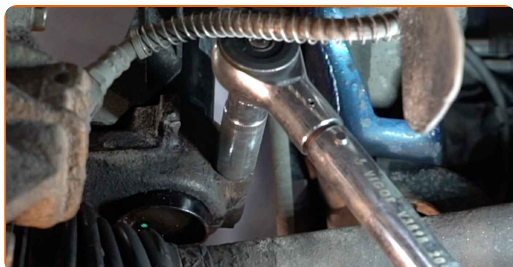
64

Tighten the ball joint fastener. Use a drive socket #17. Use a combination spanner #17. Use a torque wrench. Tighten it to 40 Nm torque.



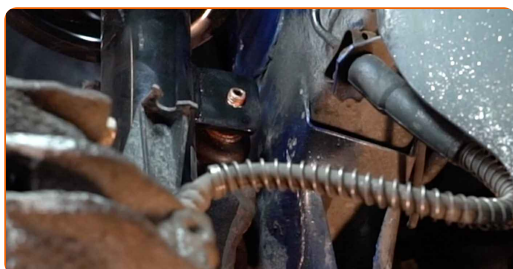
65

Tighten the lower fasteners connecting the shock strut to the steering knuckle. Use a drive socket #18. Use a torque wrench. Tighten it to 55 Nm torque.

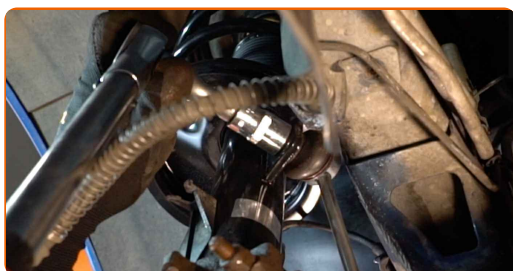


66

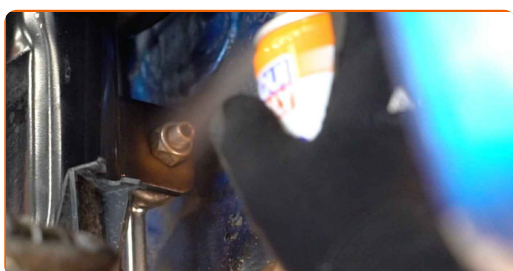
Install the transverse stabilizer link. Use a drive socket #16.



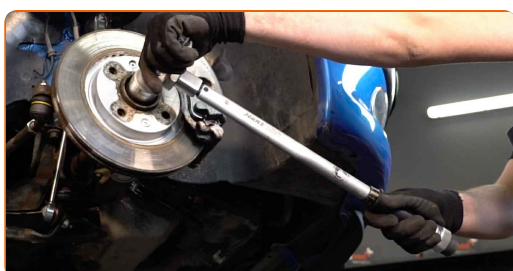
- 67 Tighten the fastener connecting the stabilizer link to the shock strut. Use a drive socket #16. Use a torque wrench. Tighten it to 35 Nm torque.



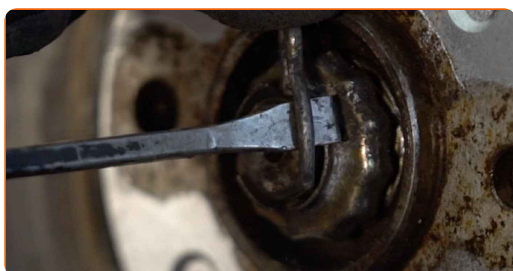
- 68 Treat all joints of the arm. Treat the shock strut fasteners. Use copper grease.



- 69 Tighten the drive shaft nut. Use a drive socket #32. Use a torque wrench. Tighten it to 245 Nm torque.

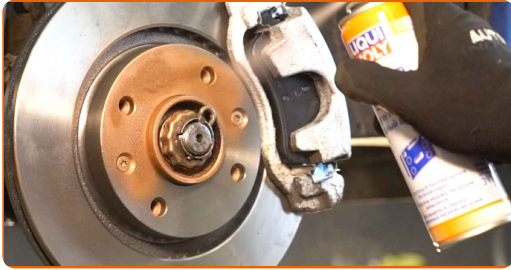


- 70 Install the cotter pin. Use a crowbar.



**71**

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



**72**

Clean the brake disk surface. Use a brake cleaner.



**AUTODOC recommends:**

- Replacement: suspension strut – Peugeot 206 CC 2D. After applying the spray, wait a few minutes.

**73**

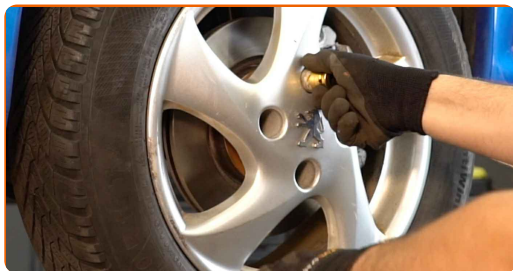
Install the wheel.



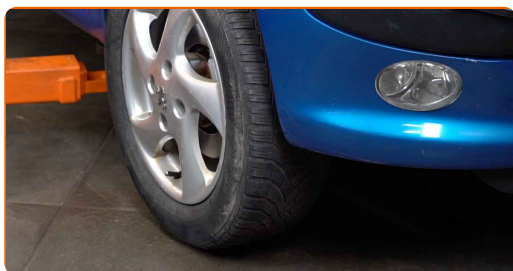
**Replacement: suspension strut – Peugeot 206 CC 2D. Tip from AUTODOC experts:**

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

**74** Screw in the wheel bolts. Use wheel impact socket #19.



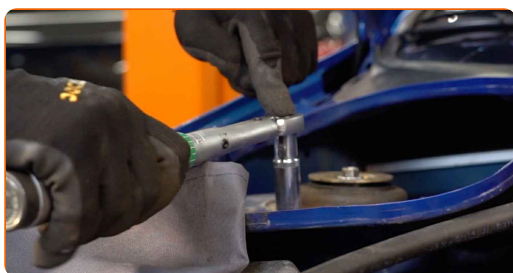
**75** Lower the car.



**76** Tighten the wheel bolts using a criss-cross pattern. Use a torque wrench. Tighten it to 100 Nm torque.



**77** Tighten the upper fastener of the shock absorber strut mount. Use a drive socket #13. Use a torque wrench. Tighten it to 25 Nm torque.



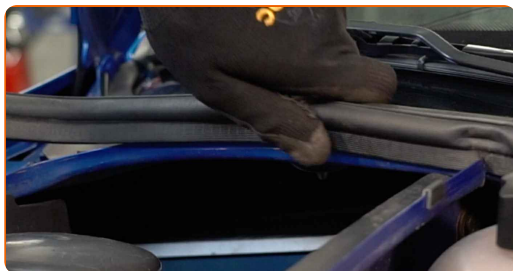
**78** Treat the fasteners of the shock strut mount. Use copper grease.



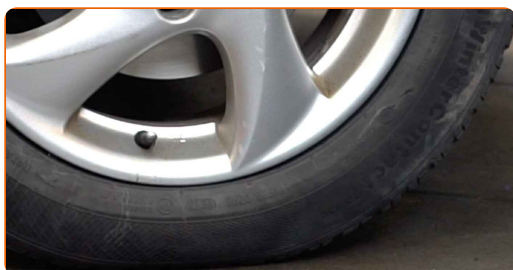
**79** Install the shock strut mount cap.



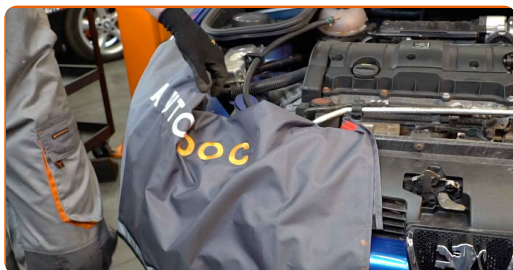
**80** Install the rubber strip.



**81** Remove the jacks and chocks.



**82** Remove the fender protection cover.





83

Close the hood.



**WELL DONE!** 

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