



How to change front coil  
springs on **PEUGEOT 306**  
**Saloon** – replacement  
guide

## SIMILAR VIDEO TUTORIAL



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

### Important!

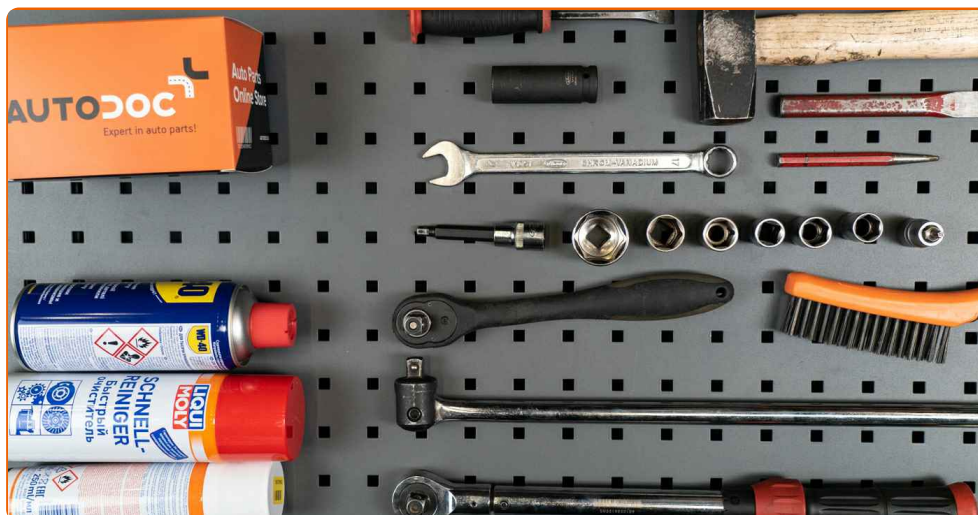
This replacement procedure can be used for:

PEUGEOT 306 Saloon 1.1

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 206 Hatchback (2A/C) 1.6

**REPLACEMENT: COIL SPRINGS – PEUGEOT 306 SALOON. TOOLS YOU 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: coil springs – PEUGEOT 306 Saloon. AUTODOC experts recommend:

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

## REPLACEMENT: COIL SPRINGS – PEUGEOT 306 SALOON. USE THE FOLLOWING PROCEDURE:

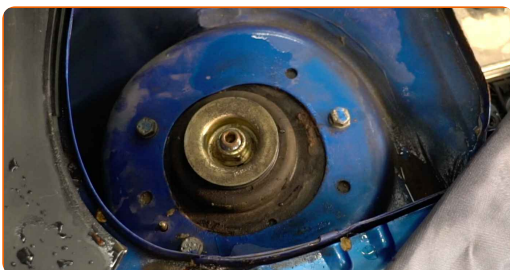
**1** Open the bonnet.

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

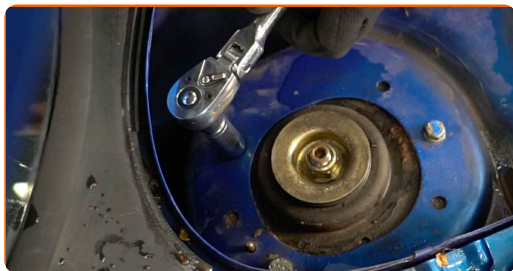
**3** Remove the rubber strip.



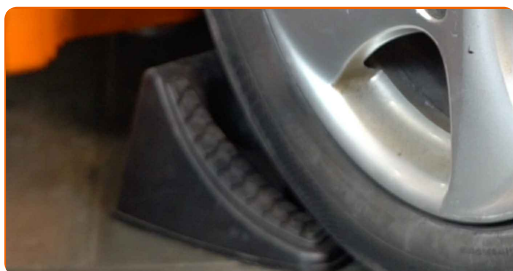
**4** Remove the shock strut mount cap.



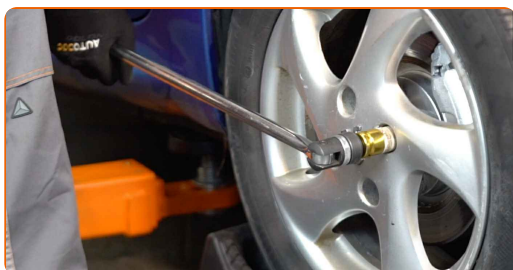
**5** Loosen the upper fastener of the shock strut mount. Use a drive socket #13. Use a ratchet wrench.



**6** Secure the wheels with chocks.

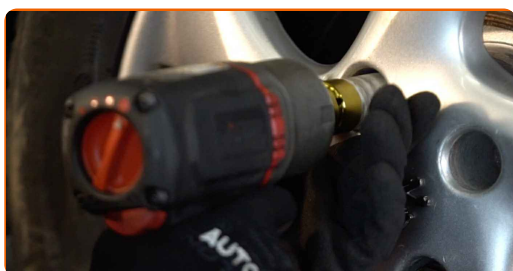


**7** Loosen the wheel mounting bolts. Use wheel impact socket #19.



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

**9** Unscrew the wheel bolts.



**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.  
PEUGEOT 306 Saloon

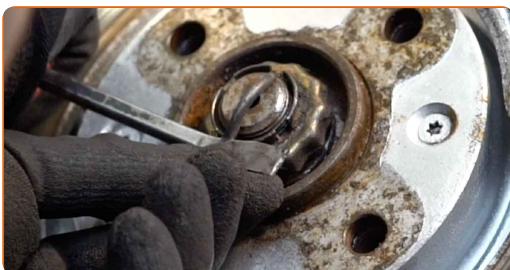
**10** Remove the wheel.



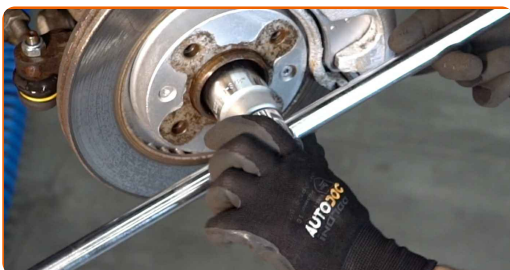
**11** Clean the fastener of the driveshaft. Use a wire brush.



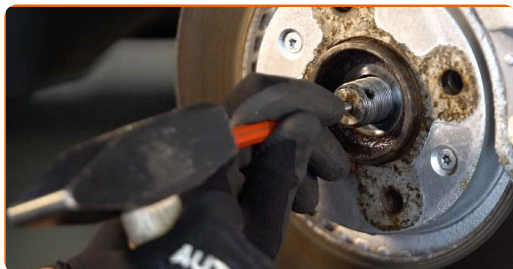
**12** Remove the cotter pin. Use a crowbar.



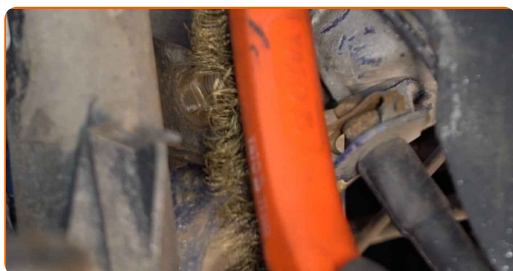
**13** Loosen the fastener of the driveshaft. Use a drive socket #32. Use a tap wrench. Use a crowbar.



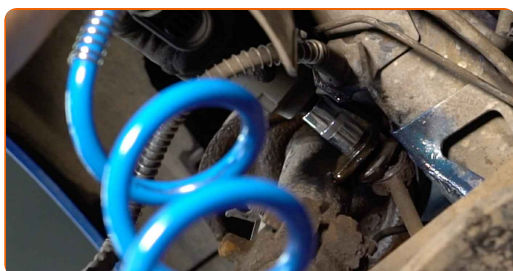
**14** Detach the driveshaft from the steering knuckle. Use a pin punch. Use a hammer.



**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.



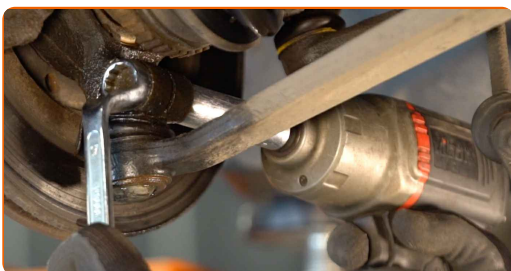
**17** Remove the stabilizer rod.



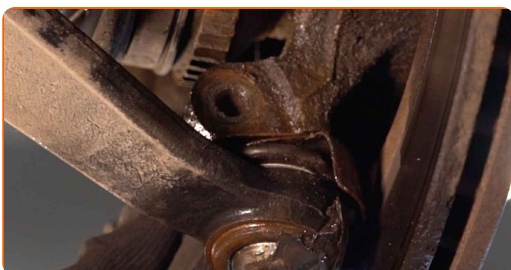
**18** Clean the fastener connecting the ball joint to the steering knuckle. Use a wire brush. Use WD-40 spray.



**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.



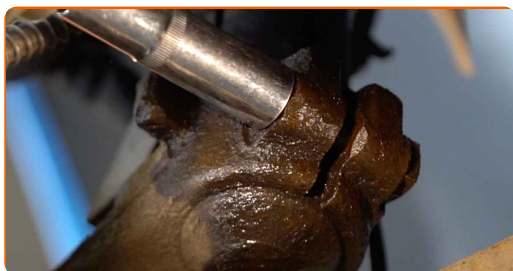
- 25** Remove the support from under the steering knuckle.



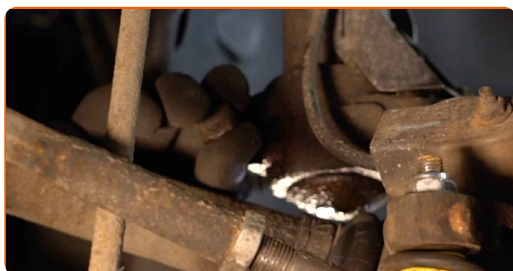
**Replacement: coil springs – PEUGEOT 306 Saloon. Tip:**

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

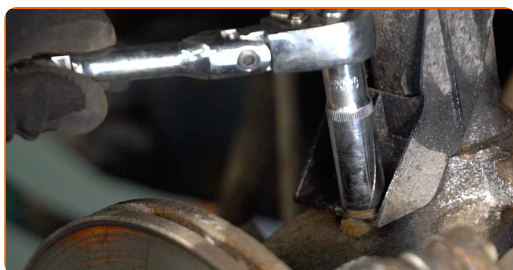
**26** Unscrew the lower fastener connecting the shock strut to the steering knuckle. Use a drive socket #18.



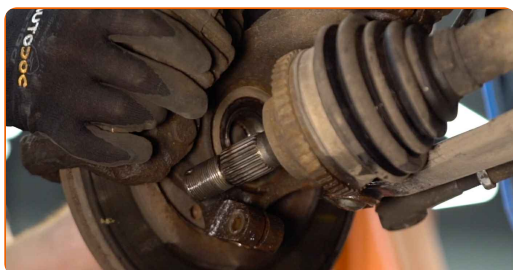
**27** Remove the fastening bolt.



**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: coil springs – PEUGEOT 306 Saloon. AUTODOC recommends:

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

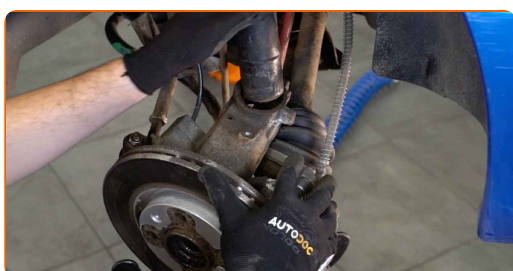
- 30** Release the lower fastener connecting the shock strut to the steering knuckle. Use a flat metal-working chisel. Use a hammer.



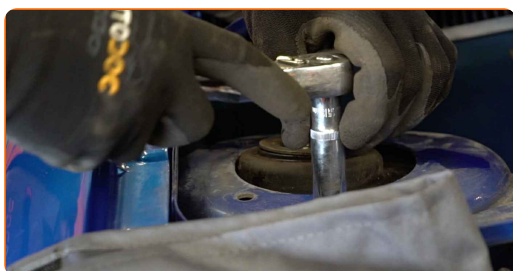
- 31** Prop up the steering knuckle. Use a hydraulic transmission jack.



- 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.

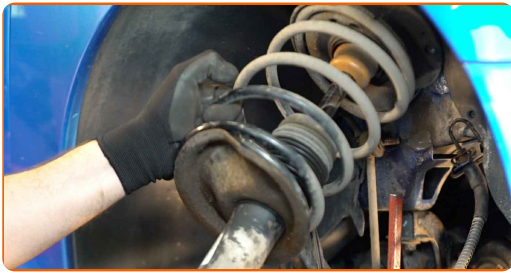


**AUTODOC recommends:**

- Important! Hold the suspension strut while unscrewing the fastening bolts.  
PEUGEOT 306 Saloon

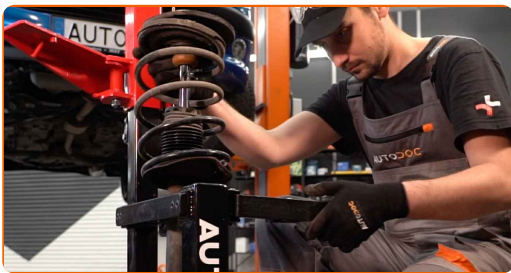
**34**

Remove the suspension strut.



**35**

Set the shock absorber strut on the spring compressor tool.



Replacement: coil springs – PEUGEOT 306 Saloon. Tip from AUTODOC experts:

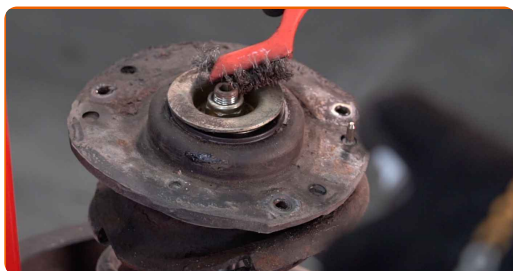
- Note that when using a spring compressor, spring coils need to be securely gripped, compressing the spring on the opposite sides.
- Ensure the correct position of the spring in the retainer.
- Make sure that the spring coils tightly entered the lock handles.

**36**

Compress the spring.



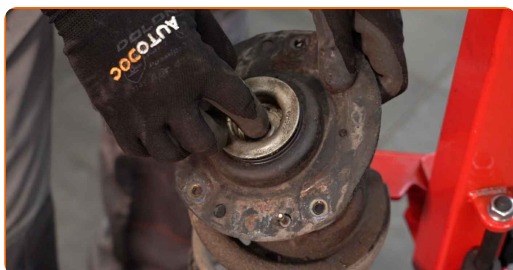
**37** Treat the shock strut rod. Use a wire brush. Use WD-40 spray.



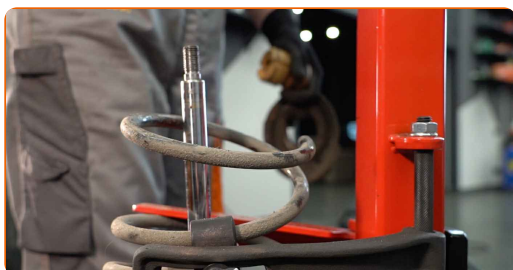
**38** Remove the strut piston rod nut. Use a drive socket #21. Use HEX No.H7. Use a ratchet wrench.



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



**40** Release the coil spring.



**41** Remove the spring.



**AUTODOC recommends:**

- Replacement: coil springs – PEUGEOT 306 Saloon. Carefully inspect the mount, the boot, and the bump stop of the shock absorber. Replace if necessary.

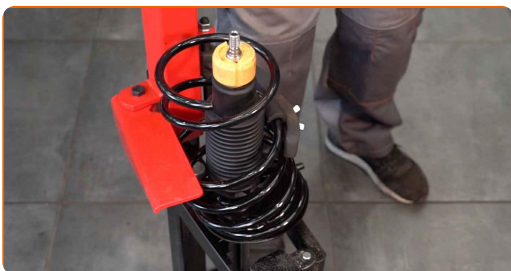
**42**

Install the spring on the shock absorber.



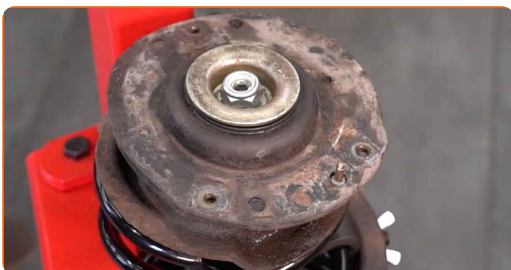
**43**

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



**44**

Compress the spring.

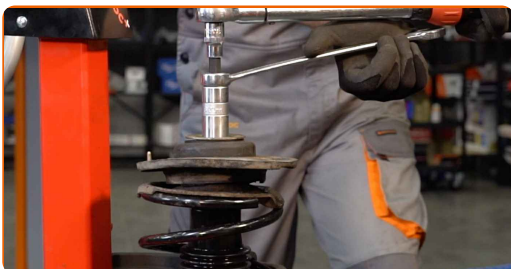


**45**

Install the upper strut mount and the strut mount bearing.



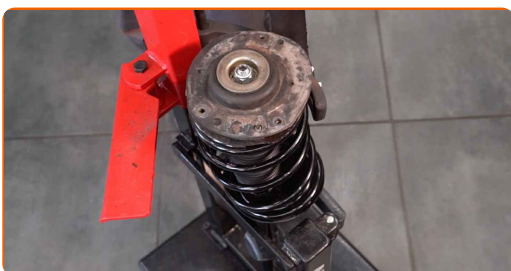
- 46** Tighten the shock strut piston rod nut. Use a drive socket #21. Use HEX No.H7. Use a torque wrench. Tighten it to 45 Nm torque.



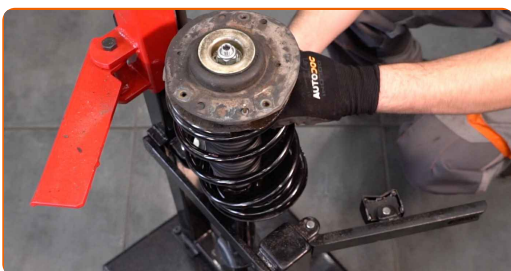
Replacement: coil springs – PEUGEOT 306 Saloon. Professionals recommend:

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

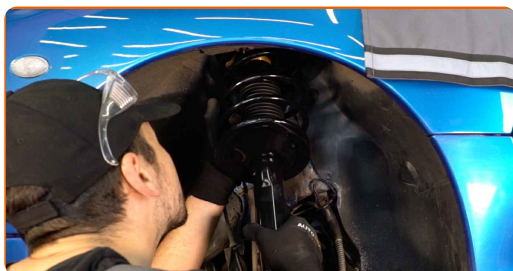
- 47** Decompress the spring.



- 48** Remove the assembled shock strut.



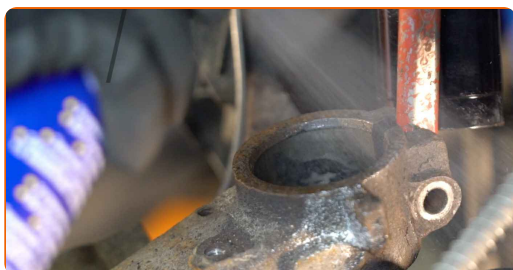
**49** Install the shock strut into the wheel arch.



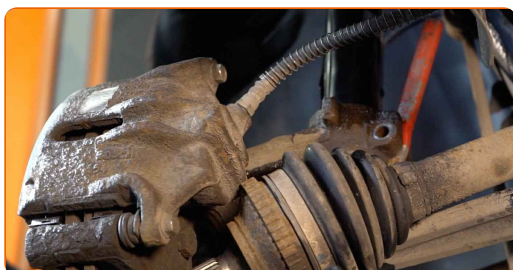
**50** Screw the top fastening of the shock strut mount. Use a drive socket #13. Use a ratchet wrench. Do not tighten it.



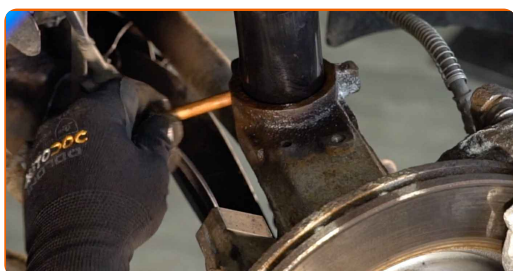
**51** Treat the shock strut mounting seat on the steering knuckle. Use a wire brush. Use WD-40 spray.



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



**53** Install the fastening bolt.





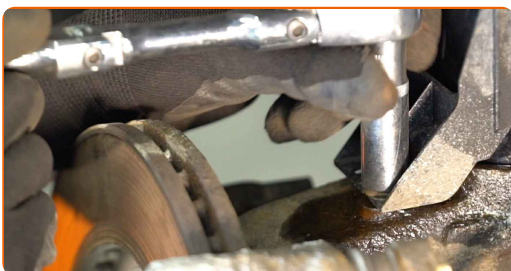
54

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



55

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



56

Remove the support from under the steering knuckle.

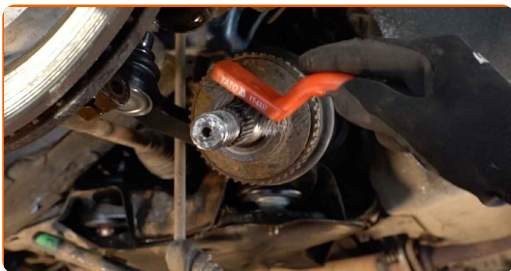


**AUTODOC recommends:**

- PEUGEOT 306 Saloon – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

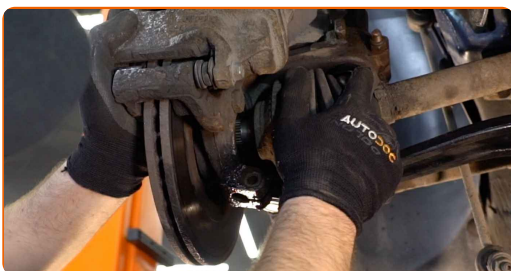
57

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



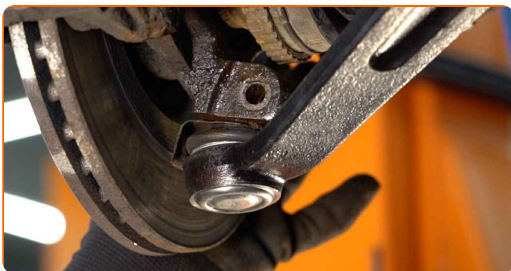
58

Install the drive shaft.



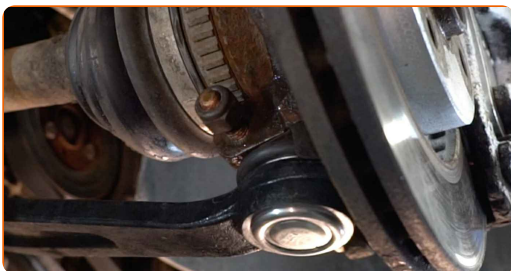
59

Connect the lower arm to the steering knuckle.



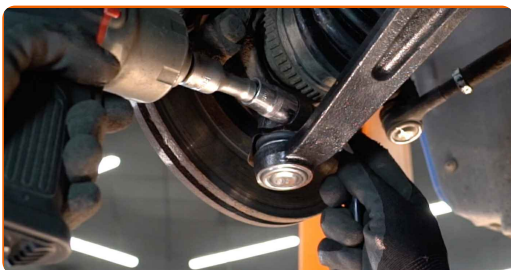
60

Install the fastening bolt.



61

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



- 62** 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.



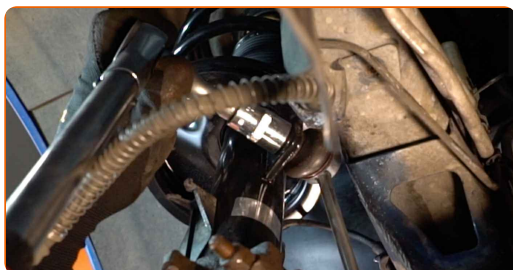
- 63** Tighten the lower fasteners connecting the shock strut to the steering knuckle. Use a drive socket #18. Use a torque wrench. Tighten it to 55 Nm torque.



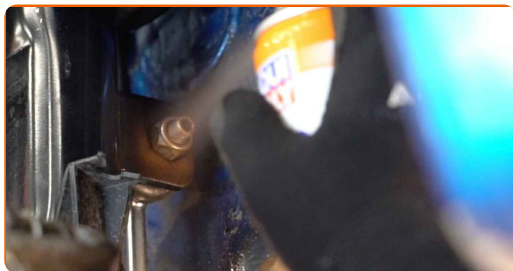
- 64** Install the transverse stabilizer link. Use a drive socket #16.



- 65** 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.



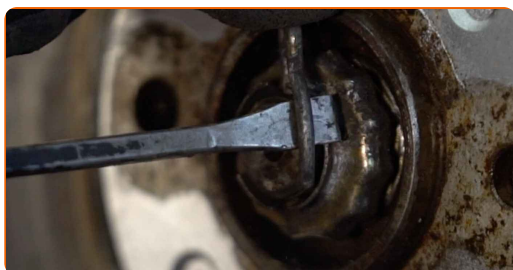
**66** Treat all joints of the arm. Treat the shock strut fasteners. Use copper grease.



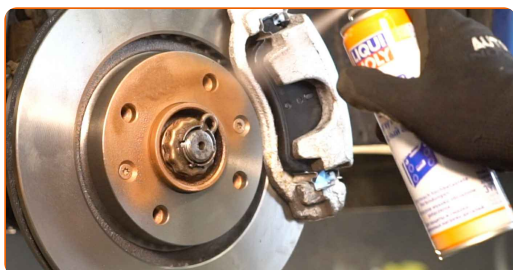
**67** Tighten the drive shaft nut. Use a drive socket #32. Use a torque wrench. Tighten it to 245 Nm torque.



**68** Install the cotter pin. Use a crowbar.



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



70

Clean the brake disk surface. Use a brake cleaner.

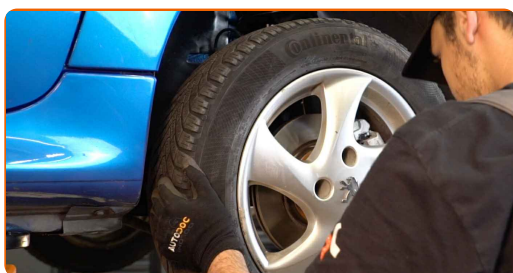


Replacement: coil springs – PEUGEOT 306 Saloon. Tip from AUTODOC:

- After applying the spray, wait a few minutes.

71

Install the wheel.

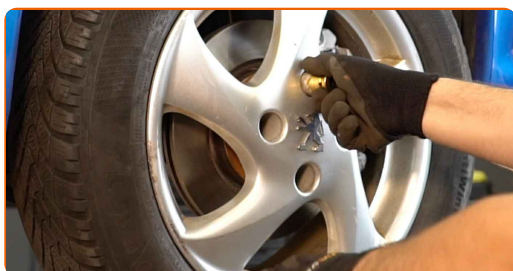


AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. PEUGEOT 306 Saloon

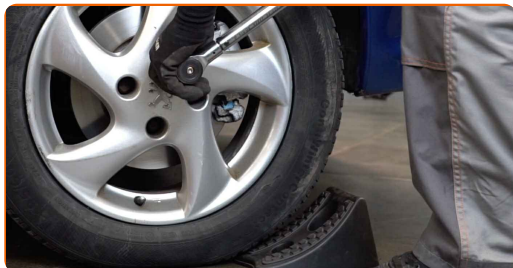
72

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

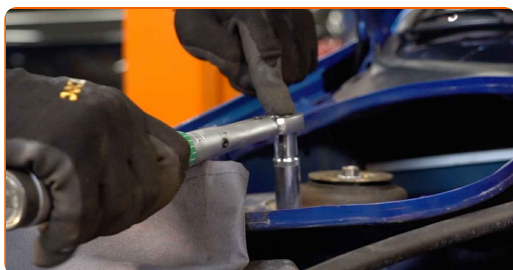


**73** Lower the car.

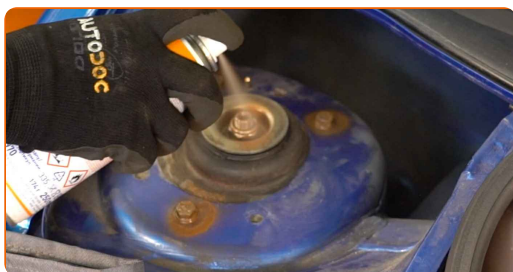
**74** Tighten the wheel bolts using a criss-cross pattern. Use a torque wrench. Tighten it to 100 Nm torque.



**75** 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.



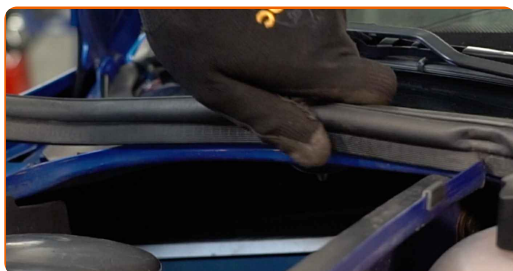
**76** Treat the fasteners of the shock strut mount. Use copper grease.



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



**78** Install the rubber strip.



**79** Remove the jacks and chocks.



**80** Remove the fender protection cover.

**81** Close the hood.

**WELL DONE!** 

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