



How to change rear coil
springs on **PEUGEOT 307**
SW Box Body / Estate
(3E_, 3H_) – 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 307 SW Box Body / Estate (3E_, 3H_) 1.4 HDi, PEUGEOT 307 SW Box Body / Estate (3E_, 3H_) 2.0 HDi, PEUGEOT 307 SW Box Body / Estate (3E_, 3H_) 1.6 HDi

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: COIL SPRINGS – PEUGEOT 307 SW
BOX BODY / ESTATE (3E_, 3H_). TOOLS YOU'LL NEED:**



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torque wrench
- Combination spanner #13
- Drive socket # 15
- Wheel impact socket #17
- Ratchet wrench
- Hydraulic transmission jack
- Wheel chock

Buy tools

Replacement: coil springs – PEUGEOT 307 SW Box Body / Estate (3E_, 3H_).
Tip from AUTODOC experts:

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

REPLACEMENT: COIL SPRINGS – PEUGEOT 307 SW BOX BODY / ESTATE (3E_, 3H_). RECOMMENDED SEQUENCE OF STEPS:

1

Secure the wheels with chocks.



2

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



3

Raise the rear of the car and secure on supports.

4 Unscrew the wheel bolts.



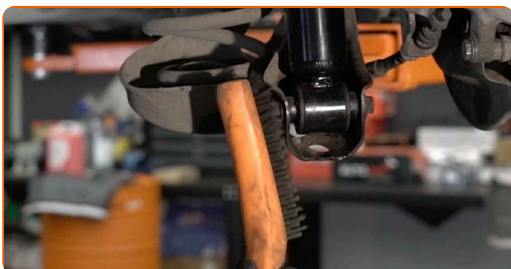
AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.
PEUGEOT 307 SW Box Body / Estate (3E_, 3H_)

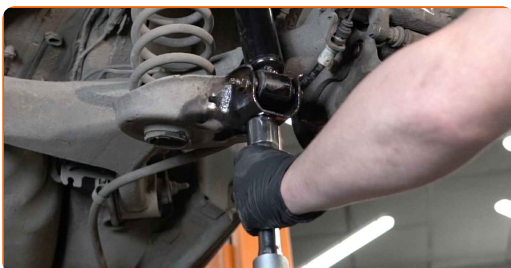
5 Remove the wheel.



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



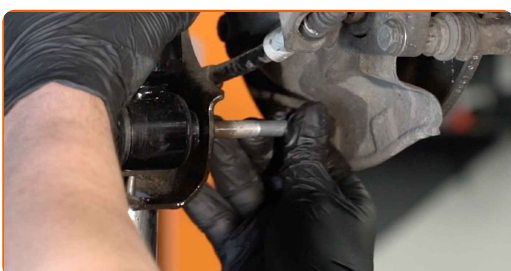
7 Support the rear suspension beam. Use a hydraulic transmission jack.



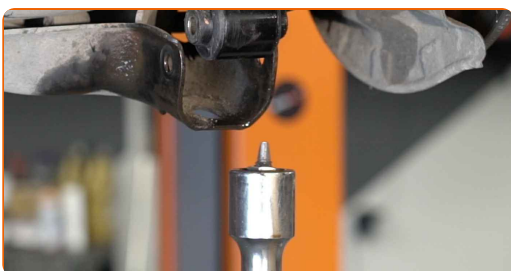
- 8** Unscrew the lower fastener of the shock absorber. Use a combination spanner #13. Use a drive socket #15. Use a ratchet wrench.



- 9** Remove the fastening bolt.



- 10** Remove the mounting from under the rear axle beam.



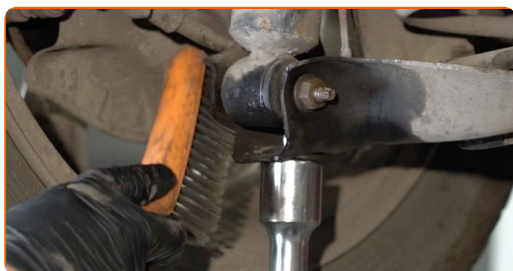
Replacement: coil springs – PEUGEOT 307 SW Box Body / Estate (3E_, 3H_).
AUTODOC recommends:

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

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



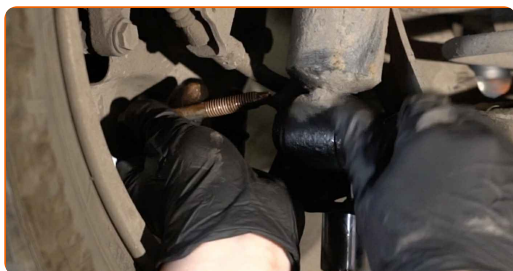
12 Clean the shock absorber fasteners. Use a wire brush. Use WD-40 spray.



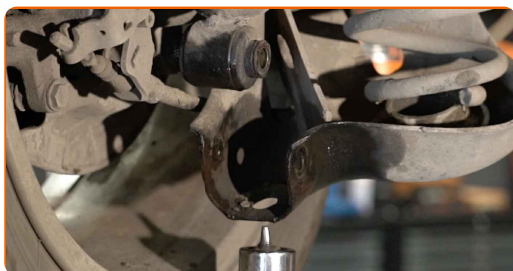
13 Unscrew the lower fastener of the shock absorber. Use a combination spanner #13. Use a drive socket #15. Use a ratchet wrench.



14 Remove the fastening bolt.



15 Remove the mounting from under the rear axle beam.

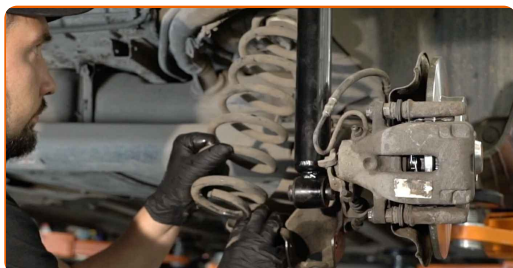


AUTODOC recommends:

- PEUGEOT 307 SW Box Body / Estate (3E_, 3H_) – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

16

Take out the spring.

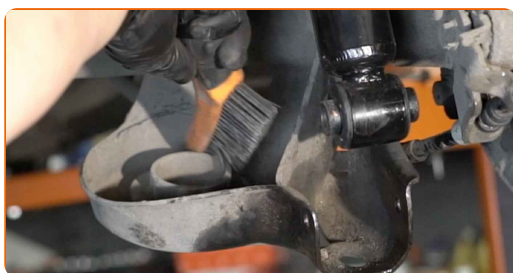


Replacement: coil springs – PEUGEOT 307 SW Box Body / Estate (3E_, 3H_).
Tip:

- Inspect the rubber mounts of the suspension spring. Replace if necessary.

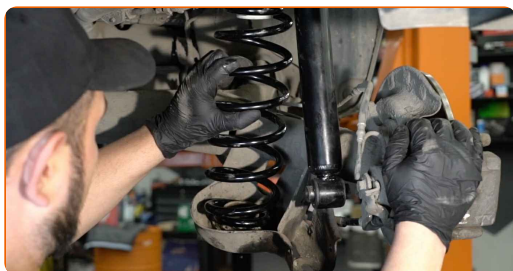
17

Clean the coil spring mounting seats. Use a wire brush. Use WD-40 spray.

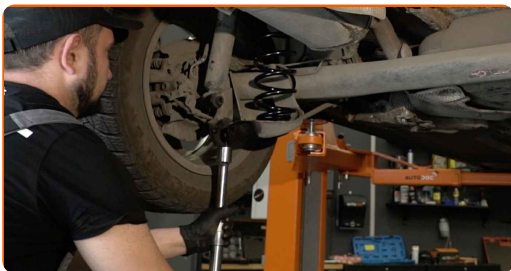


18

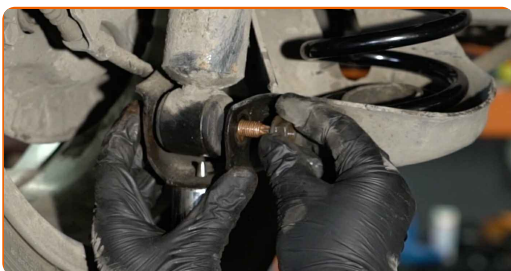
Install the coil spring together with the rubber mounts into the mounting seats.



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



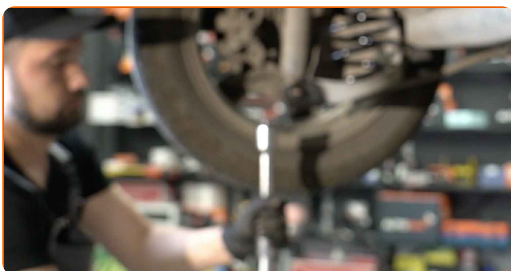
20 Install the fastening bolt.



21 Tighten the lower fastener of the shock absorber. Use a combination spanner #13. Use a drive socket #15. Use a torque wrench. Tighten it to 57 Nm torque.



22 Remove the mounting from under the rear axle beam.



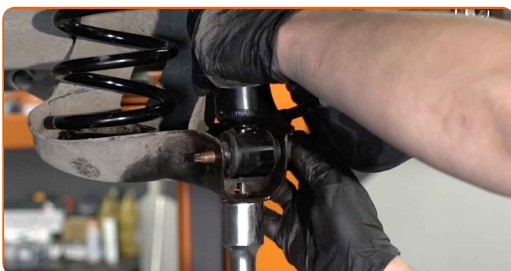
Replacement: coil springs – PEUGEOT 307 SW Box Body / Estate (3E_, 3H_).
AUTODOC experts recommend:

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

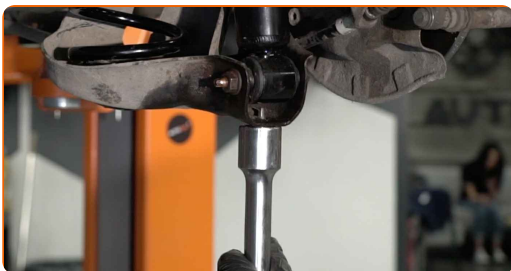
23 Support the rear suspension beam. Use a hydraulic transmission jack.



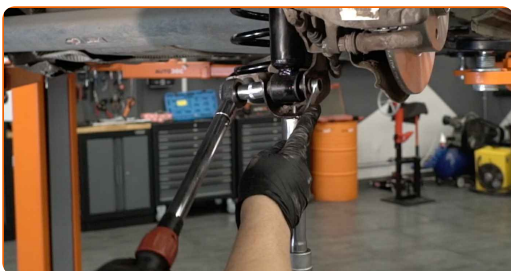
24 Install the fastening bolt.



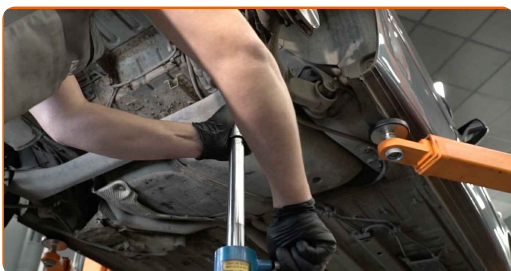
25 Raise the hydraulic transmission jack by 10-15 cm.



26 Tighten the lower fastener of the shock absorber. Use a combination spanner #13. Use a drive socket #15. Use a torque wrench. Tighten it to 57 Nm torque.



27 Remove the mounting from under the rear axle beam.

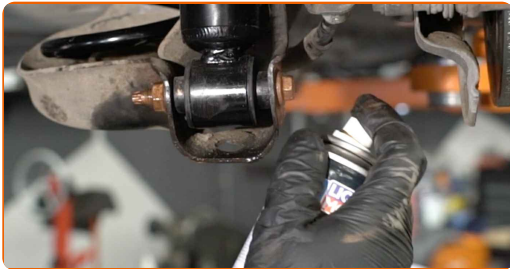


AUTODOC recommends:

- PEUGEOT 307 SW Box Body / Estate (3E_, 3H_) – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

28

Treat the shock absorber fasteners. Use copper grease.



29

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



30

Clean the brake disk surface. Use a brake cleaner.



Replacement: coil springs – PEUGEOT 307 SW Box Body / Estate (3E_, 3H_).
Tip from AUTODOC experts:

- After applying the spray, wait a few minutes.

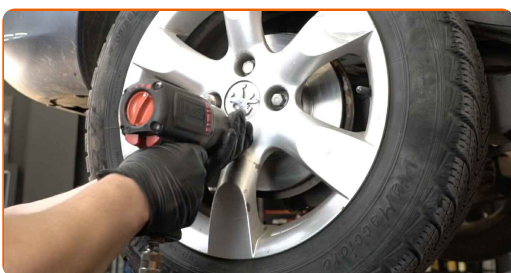
31 Install the wheel.



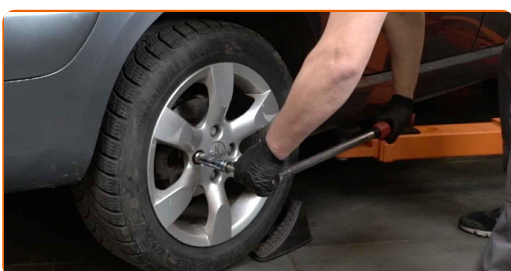
AUTODOC recommends:

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

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

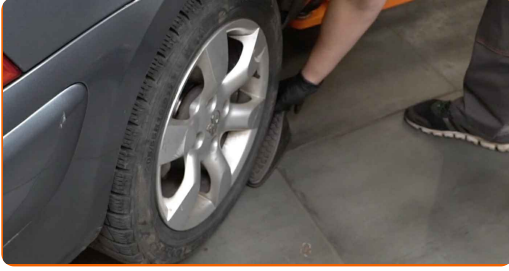


33 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 100 Nm torque.



34

Remove the jacks and chocks.



WELL DONE! 

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