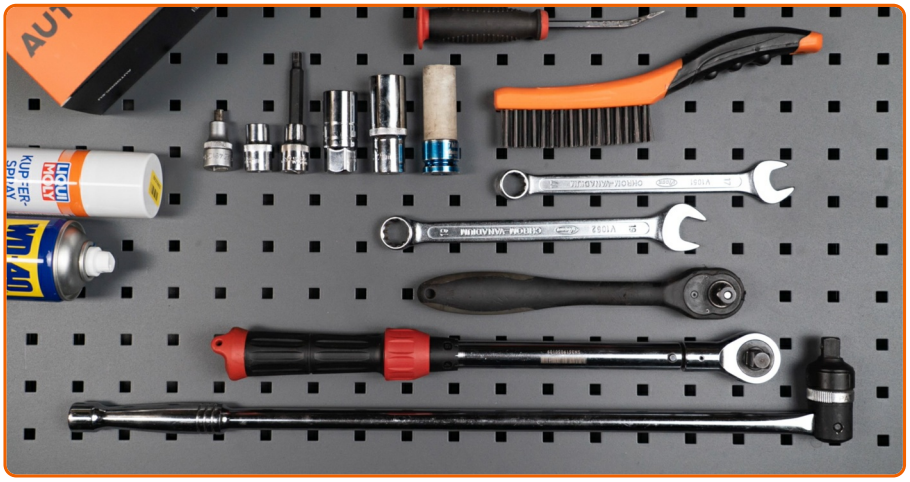
VIDEO TUTORIAL

ⓘ Important!

This replacement procedure can be used for:
HONDA ACCORD VIII (CU) 2.4 i (CU2), HONDA ACCORD VIII Estate (CW) 2.4 i (CW2)

The steps may slightly vary depending on the car design.

REQUIRED TOOLS:



- Wire brush
- WD-40 spray
- Copper grease
- Combination spanner #14
- Combination spanner #17
- Drive socket # 12
- Drive socket # 14
- Drive socket # 17
- HEX bit No.H6.
- Wheel impact socket #19
- Ratchet wrench
- Torque wrench
- Pin punch
- Tap wrench
- Hammer
- Flat chisel
- Rubber mallet
- Crow bar
- Hydraulic strut spring compressor
- Hydraulic transmission jack
- Fender cover
- Wheel chock

AUTODOC recommends:

- 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.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1

Open the bonnet.

2

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

3

Clean the fasteners of the shock strut upper mount. Use WD-40 spray.

4

Loosen the upper fastener of the shock strut mount. Use a drive socket #14. Use a ratchet wrench.

5

Secure the wheels with chocks.

6

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

7

Raise the front of the car and secure on supports.

8

Unscrew the wheel bolts.

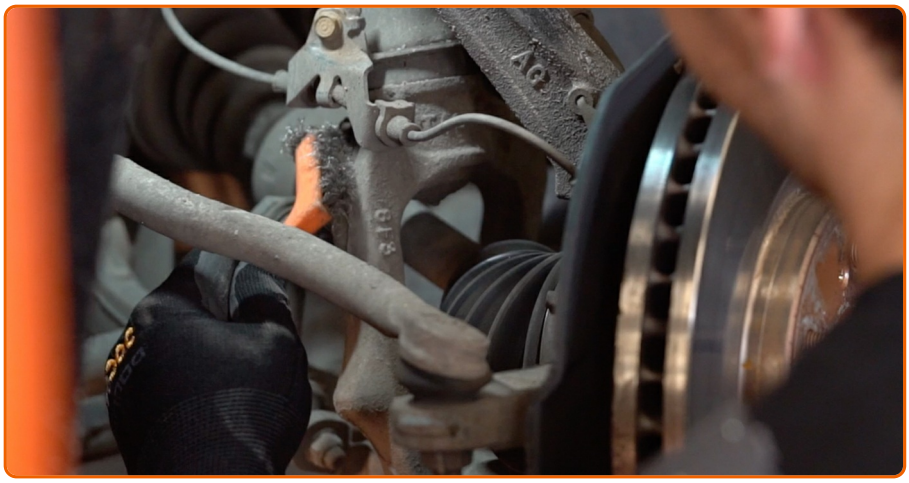
AUTODOC recommends:

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

9

Remove the wheel.

10

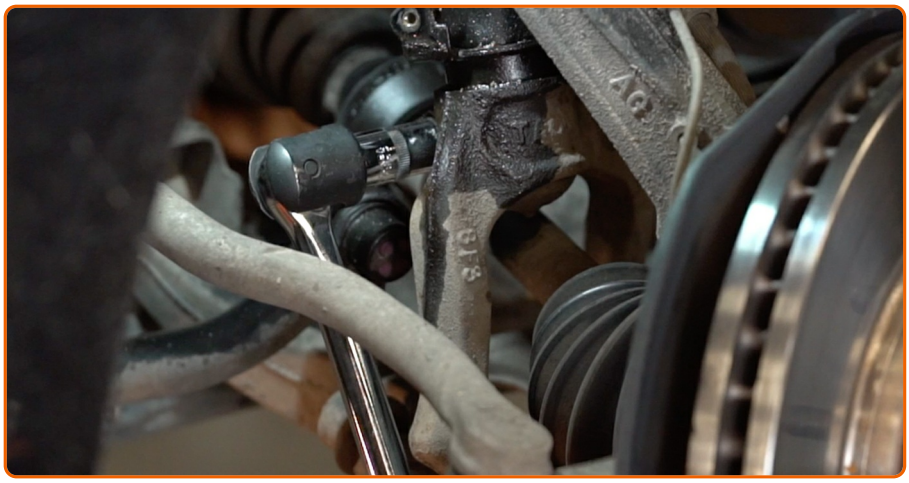


Clean the shock strut fasteners. Use a wire brush. Use WD-40 spray.

11

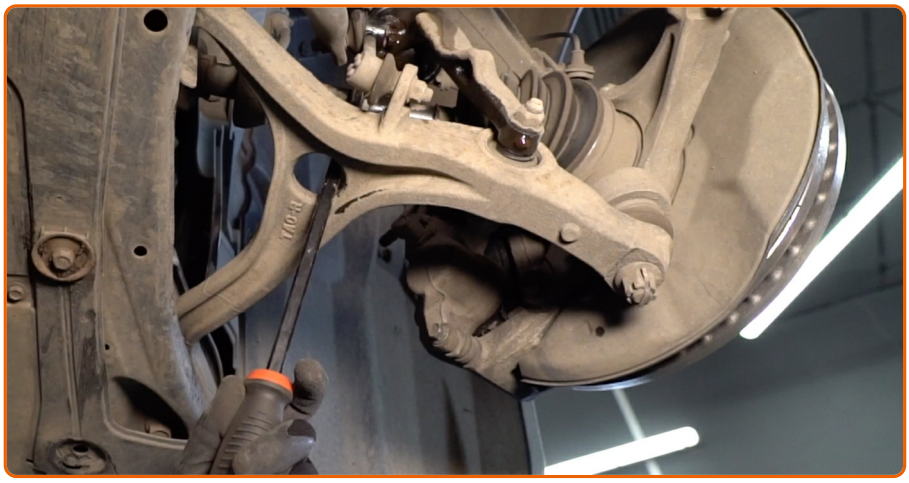
Unscrew the ABS cable holder. Use a drive socket #12. Use a ratchet wrench.

12



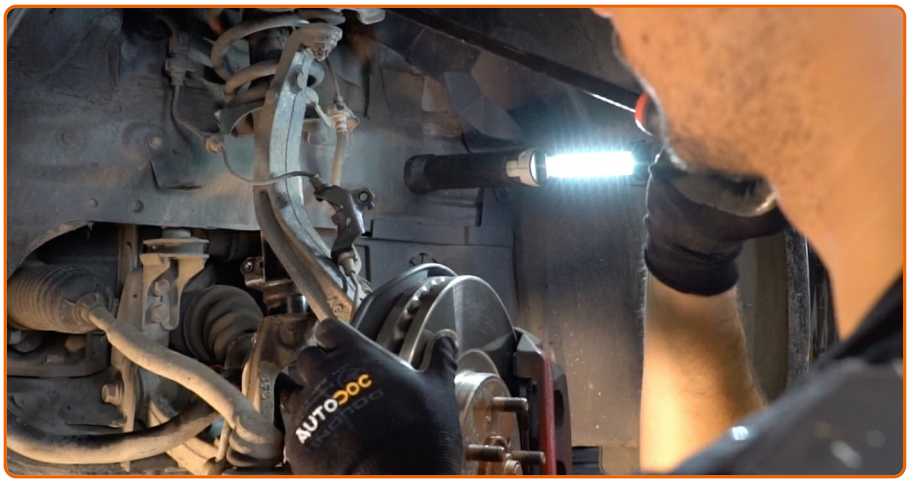
Unscrew the fastening bolt that connects the shock strut with the shock absorber fork. Use a drive socket #14. Use a tap wrench.

13



Undo the fastener that connects the shock strut with the shock absorber fork. Use a crowbar. Use a hammer.

14

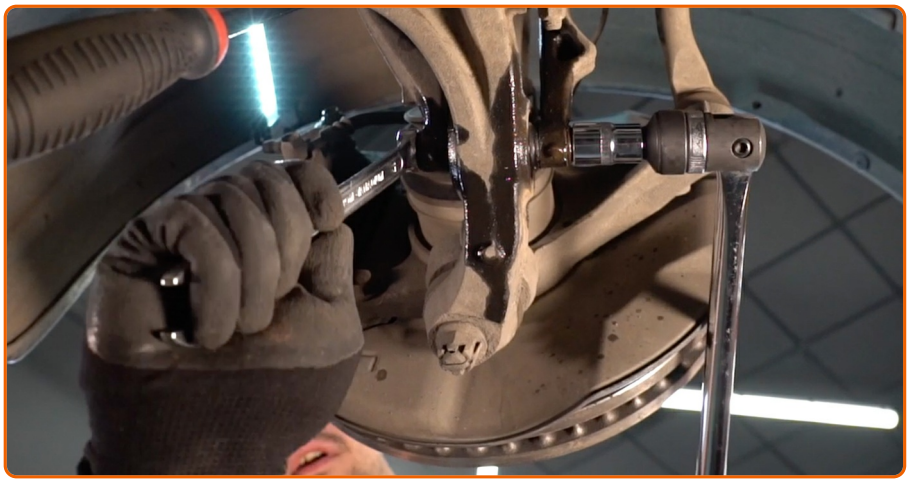


Pull aside the shock strut from its mounting seat.

15

Clean the fastening bolt that connects the shock absorber fork with the lower control arm. Use a wire brush. Use WD-40 spray.

16

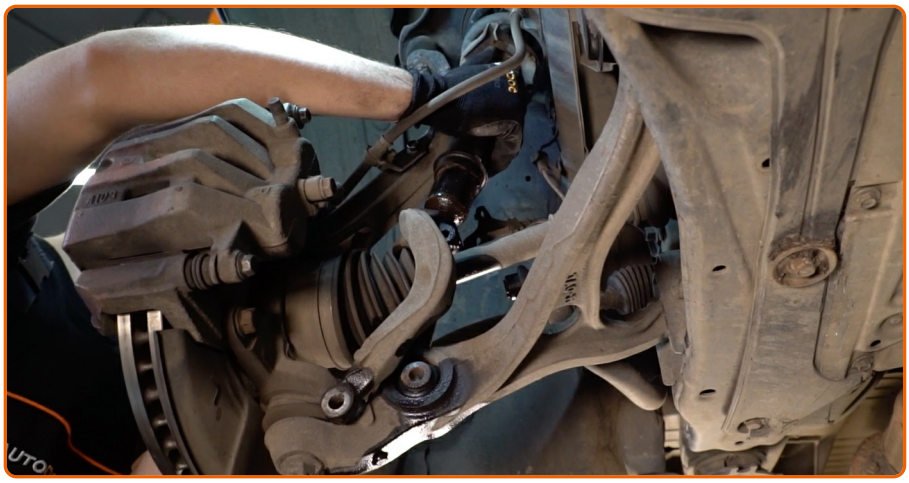


Unscrew the fastening bolt that connects the shock absorber fork with the lower control arm. Use a combination spanner #17. Use a drive socket #17. Use a tap wrench.

17

Remove the fastening bolt. Use a pin punch. Use a rubber mallet.

18



Detach the shock absorber fork from the shock strut. Use a flat metal-working chisel. Use a hammer.

19

Unscrew the top fastening of the shock strut mount. Use a drive socket #14. Use a ratchet wrench.

AUTODOC recommends:

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

20

Support the arm. Use a hydraulic transmission jack.

21

Disconnect the brake hose mounting bracket. Use a drive socket #12. Use a ratchet wrench.

22

Remove the suspension strut.

23

Set the shock absorber strut on the spring compressor tool.

AUTODOC recommends:

- 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.

24

Compress the spring.

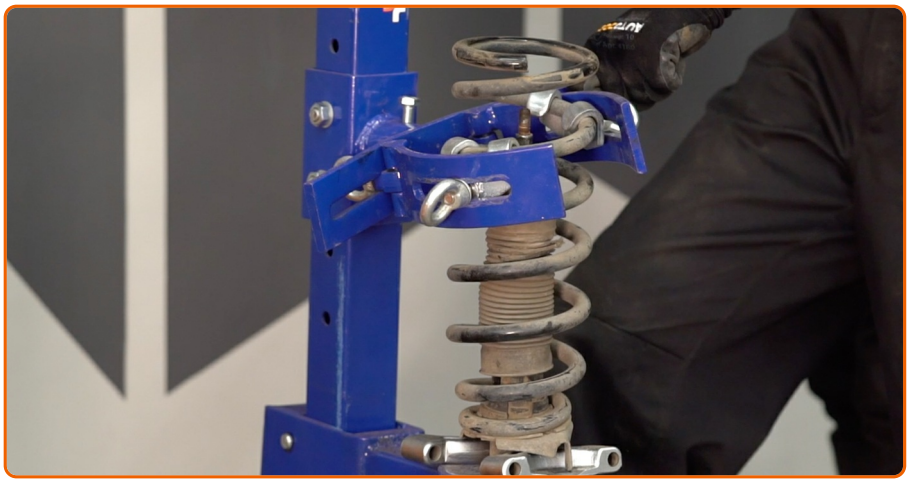
25

Remove the strut piston rod nut. Use a combination spanner #14. Use HEX No.H6. Use a ratchet wrench.

26

Remove the top strut mount. Use a crowbar.

27

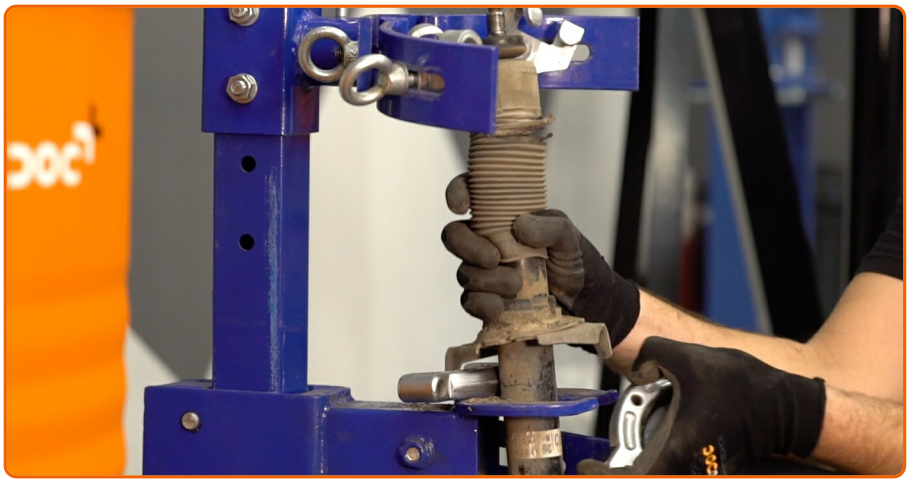


Release the coil spring.

28

Remove the spring.

29



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

30

Remove the shock absorber dust cap and the bump stop.

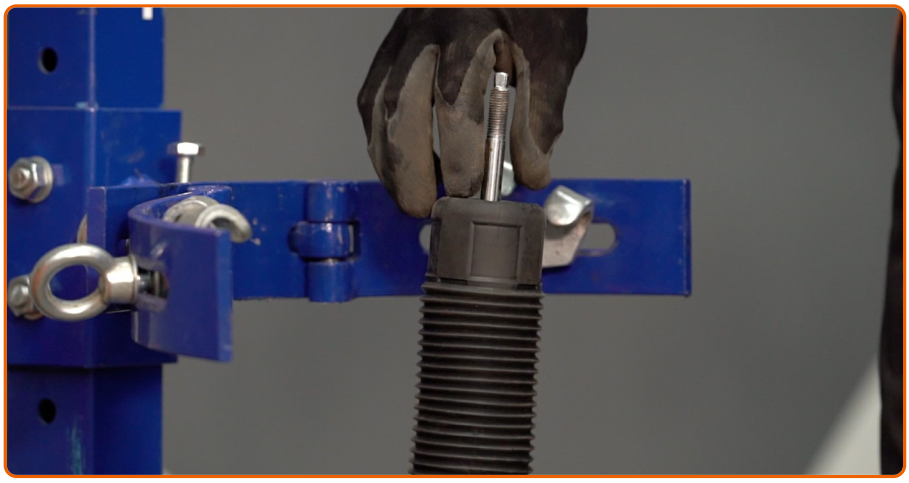
AUTODOC recommends:

- Thoroughly examine the shock absorber mount, dust boot, bump stop. Replace them if necessary.
- Before installing a new shock absorber you should pump it manually 3-5 times.

31

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

32



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

33

Install the spring on the shock absorber.

34

Compress the spring.

35

Treat the fasteners of the shock strut mount. Use WD-40 spray.

36

Install the upper strut mount and the strut mount bearing.

37

Tighten the shock strut piston rod nut. Use a combination spanner #17. Use HEX No.H6. Use a torque wrench. Tighten it to 60 Nm torque.

AUTODOC recommends:

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

38

Decompress the spring.

39

Remove the assembled shock strut.

40

Install the shock strut into the wheel arch.

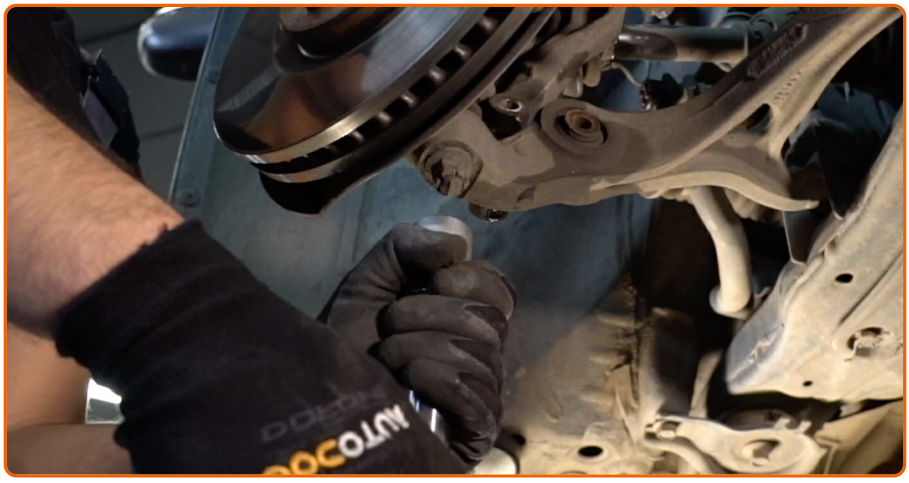
41

Screw the top fastening of the shock strut mount Do not tighten it.

AUTODOC recommends:

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

42



Remove the support from under the arm.

AUTODOC recommends:

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

43

Clean the mounting seats of the shock absorber fork. Use a wire brush. Use WD-40 spray.

44

Attach the shock absorber fork to the shock strut.

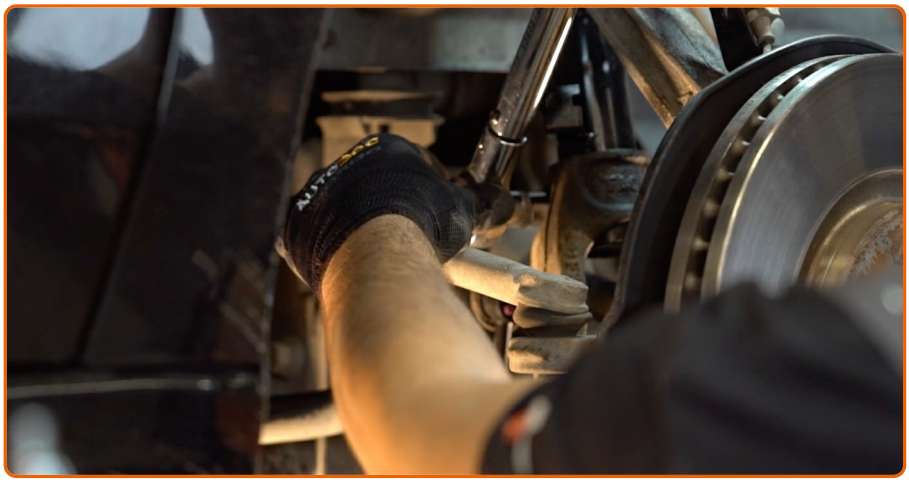
45

Install the fastening bolt. Use a rubber mallet.

46

Support the arm. Use a hydraulic transmission jack.

47



Tighten the fastening bolt that connects the shock strut with the shock absorber fork. Use a drive socket #14. Use a torque wrench. Tighten it to 85 Nm torque.

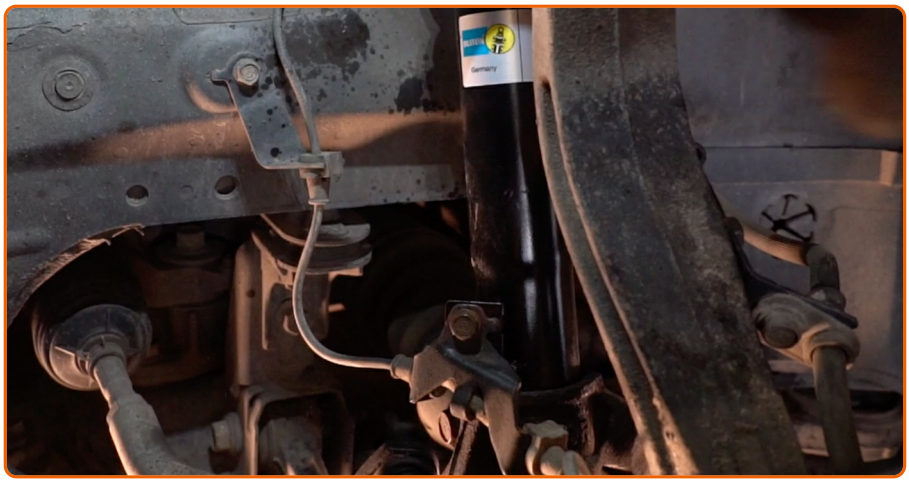
48

Tighten the fastening bolt that connects the shock absorber fork to the lower control arm. Use a combination spanner #17. Use a drive socket #17. Use a torque wrench. Tighten it to 95 Nm torque.

49

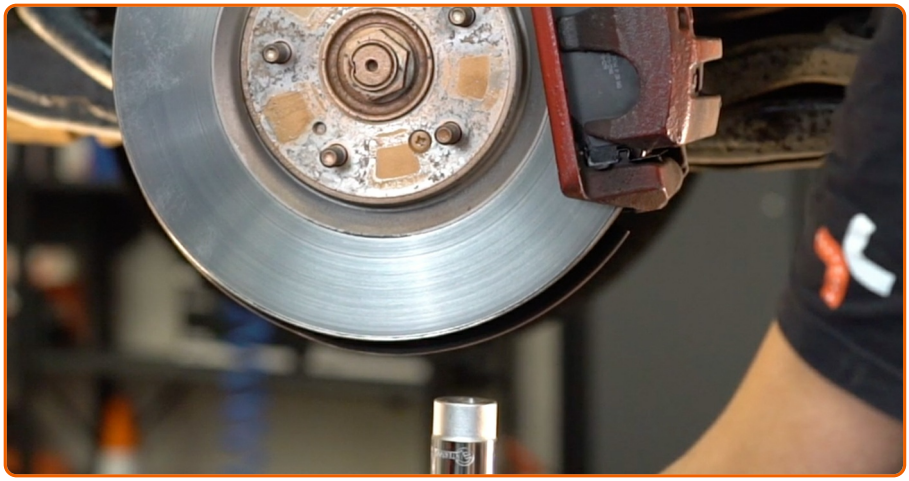
Secure the brake hose fastening bracket. Use a drive socket #12. Use a ratchet wrench.

50



Tighten the ABS cable holder. Use a drive socket #12. Use a ratchet wrench.

51

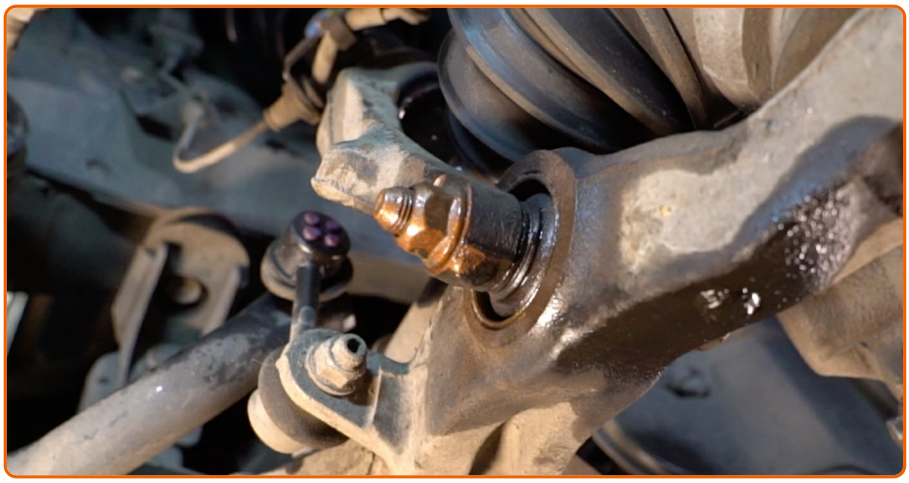


Remove the support from under the arm.

AUTODOC recommends:

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

52



Treat the shock strut fasteners. Use copper grease.

53

Clean the wheel rim mounting seat. Use a wire brush. Treat the contacting surface. Use copper grease.

54

Install the wheel.

AUTODOC recommends:

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

55

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

56

Tighten the upper fastener of the shock absorber strut mount. Use a drive socket #14. Use a combination spanner #17. Use a torque wrench. Tighten it to 50 Nm torque.

57

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

58

Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 120 Nm torque.

59

Remove the fender protection cover.

60

Close the hood.

61

Remove the jacks and chocks.

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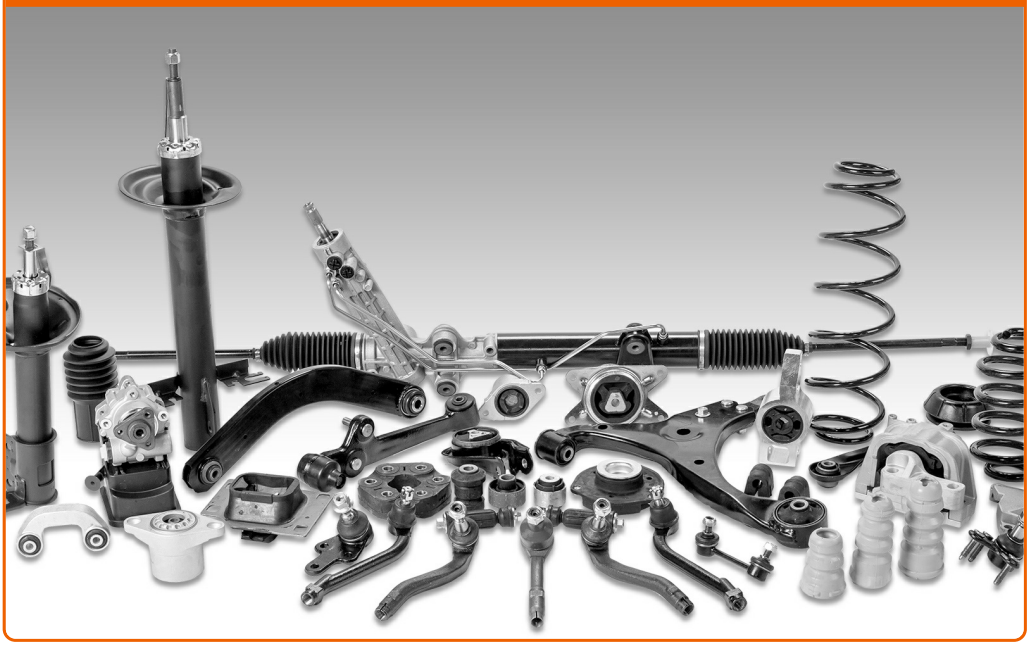

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