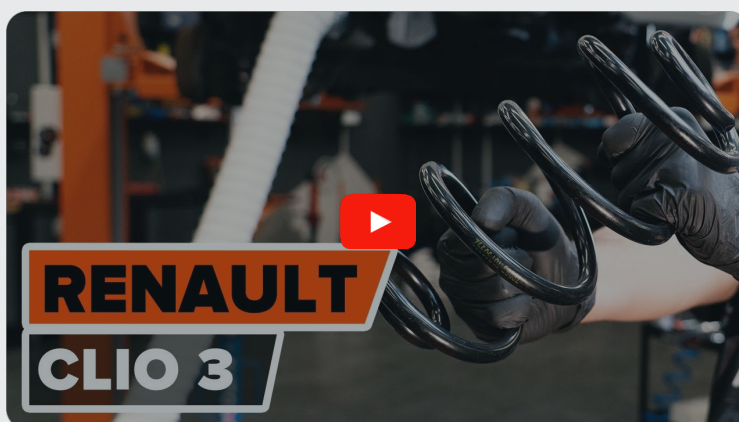




How to change rear coil
springs on **RENAULT**
Modus / Grand Modus
(F, JP) – replacement
guide

SIMILAR VIDEO TUTORIAL



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

Important!

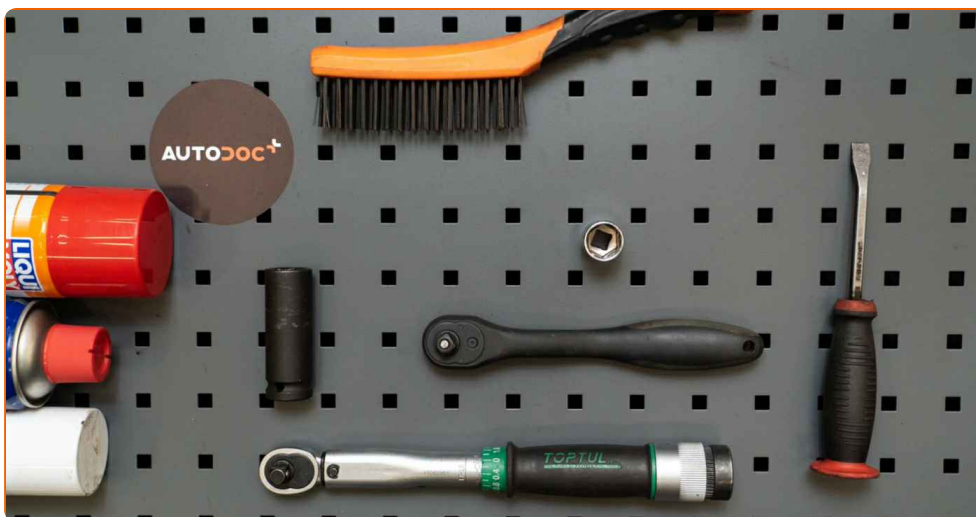
This replacement procedure can be used for:

RENAULT Modus / Grand Modus (F, JP) 1.5 dCi 75, RENAULT Modus / Grand Modus (F, JP) 1.5 dCi 90, RENAULT Modus / Grand Modus (F, JP) 1.2, RENAULT Modus / Grand Modus (F, JP) 1.6, RENAULT Modus / Grand Modus (F, JP) 1.5 dCi, RENAULT Modus / Grand Modus (F, JP) 1.4, RENAULT Modus / Grand Modus (F, JP) 1.2 16V, RENAULT Modus / Grand Modus (F, JP) 1.2 16V Hi-Flex

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: RENAULT Clio III Hatchback (BR0/1, CR0/1) 1.5 dCi

REPLACEMENT: COIL SPRINGS – RENAULT MODUS / GRAND MODUS (F, JP). LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Copper grease
- Torque wrench
- Drive socket # 18
- Wheel impact socket #17
- Ratchet wrench
- Crow bar
- Hydraulic transmission jack
- Wheel chock

Buy tools

Replacement: coil springs – RENAULT Modus / Grand Modus (F, JP).
AUTODOC recommends:

- 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.
- Please note: all work on the car – RENAULT Modus / Grand Modus (F, JP) – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

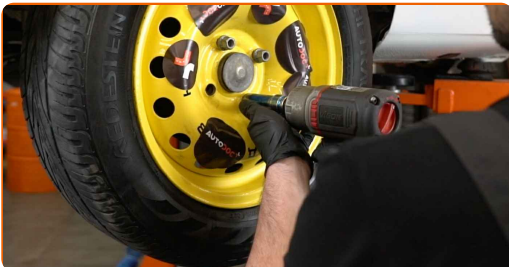
1 Secure the wheels with chocks.

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.



Replacement: coil springs – RENAULT Modus / Grand Modus (F, JP). Tip:

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

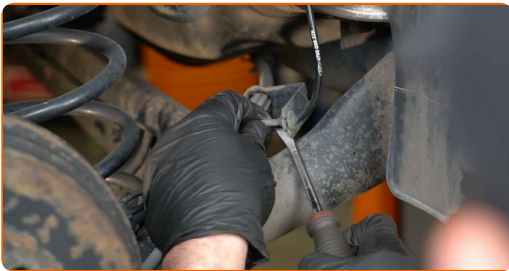
5

Remove the wheel.



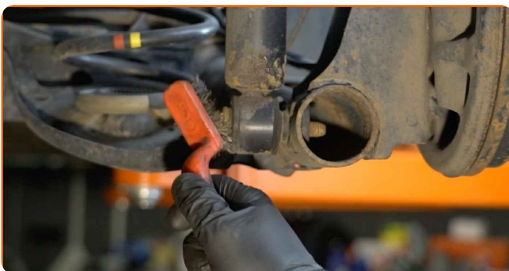
6

Disconnect the ABS sensor wiring. Use a crowbar.



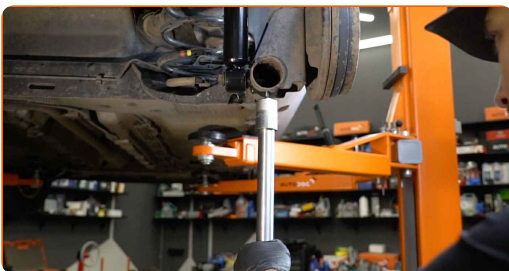
7

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



8

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



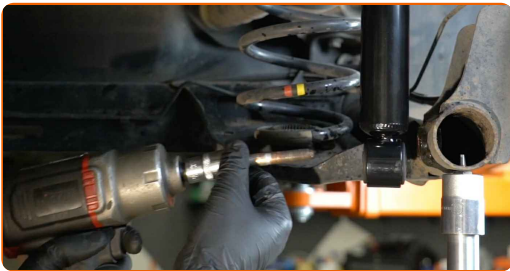
9

Unscrew the lower fastener of the shock absorber. Use a drive socket #18. Use a ratchet wrench.



10

Remove the fastening bolt.

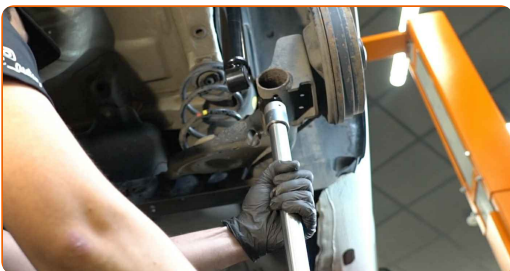


Replacement: coil springs – RENAULT Modus / Grand Modus (F, JP).
AUTODOC experts recommend:

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

11

Remove the mounting from under the rear axle beam.



AUTODOC recommends:

- RENAULT Modus / Grand Modus (F, JP) – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

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



13 Unscrew the lower fastener of the shock absorber. Use a drive socket #18. Use a ratchet wrench.



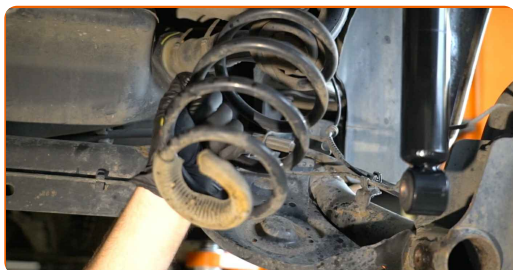
14 Remove the fastening bolt.

15 Remove the mounting from under the rear axle beam.

Replacement: coil springs – RENAULT Modus / Grand Modus (F, JP). Tip from AUTODOC experts:

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

16 Remove the spring.



AUTODOC recommends:

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

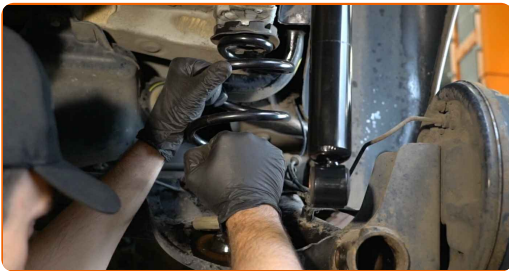
17

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



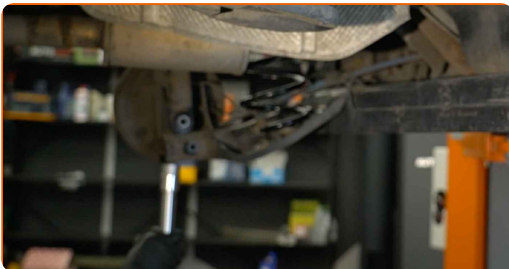
18

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



19

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

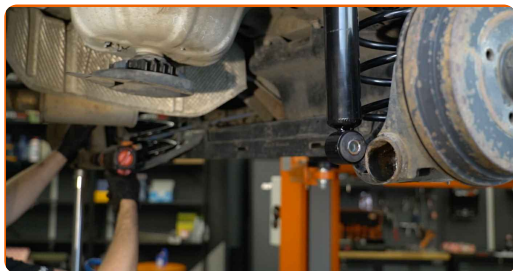


20

Install the fastening bolt.

21

Screw in the lower fastener of the shock absorber. Use a drive socket #18. Use a ratchet wrench.



22

Raise the hydraulic transmission jack by 10-15 cm.

23

Tighten the lower fastener of the shock absorber. Use a drive socket #18. Use a torque wrench. Tighten it to 105 Nm torque.

24

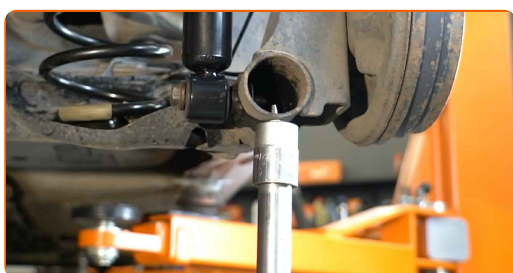
Remove the mounting from under the rear axle beam.

AUTODOC recommends:

- Replacement: coil springs – RENAULT Modus / Grand Modus (F, JP). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

25

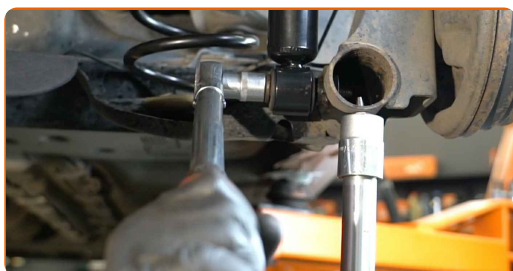
Support the rear suspension beam. Use a hydraulic transmission jack.



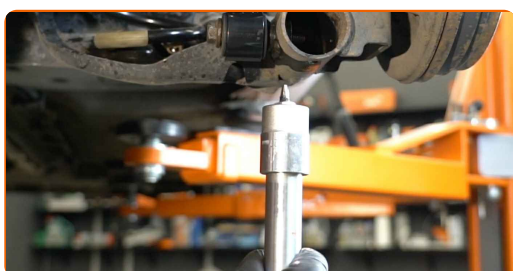
26

Install the fastening bolt.

- 27** Tighten the lower fastener of the shock absorber. Use a drive socket #18. Use a torque wrench. Tighten it to 105 Nm torque.



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



Replacement: coil springs – RENAULT Modus / Grand Modus (F, JP).
AUTODOC experts recommend:

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

- 29** Treat the shock absorber fasteners. Use copper grease.



- 30** Connect the ABS sensor wiring.

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



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



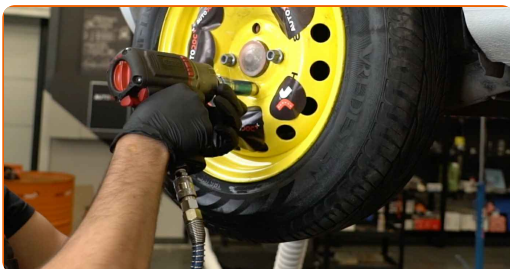
33 Install the wheel.



Replacement: coil springs – RENAULT Modus / Grand Modus (F, JP). Tip:

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

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



35

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 105 Nm torque.

36

Remove the jacks and chocks.



WELL DONE! 

VIEW MORE TUTORIALS

AUTODOC – TOP QUALITY AND AFFORDABLE CAR PARTS ONLINE

AUTODOC MOBILE APP: GREAT DEALS AND CONVENIENT SHOPPING



+ AUTODOC

GET IT ON
Google Play

Download on the
App Store

Download

A GREAT SELECTION OF SPARE PARTS FOR YOUR CAR

COIL SPRINGS: A WIDE SELECTION

DISCLAIMER:

The document contains only general recommendations that may be useful for you when you perform repair or replacement work. AUTODOC shall not be liable for any loss, injury, damage of property occurring in the repair or replacement process due to incorrect use or misinterpretation of the provided information.

AUTODOC shall not be liable for any possible mistakes and uncertainties in this guide. The information provided is for information purposes only and cannot replace advice from specialists.

AUTODOC shall not be liable for incorrect or hazardous usage of equipment, tools and car parts. AUTODOC strongly recommends to be careful and observe the safety rules when performing repair or replacement works. Remember: usage of low quality auto parts does not guarantee you the appropriate level of road safety.

© Copyright 2022 – All the contents of this website, in particular texts, photographs and graphics, are protected by copyright. All rights, including reproduction, publication, editing and translation rights, are reserved by AUTODOC GmbH.