



How to change front
strut mount on **RENAULT**
Kangoo I Express (FC) –
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 Kangoo I Express (FC) 1.5 dCi, RENAULT Kangoo I Express (FC) 1.6 16V bivalent, RENAULT Kangoo I Express (FC) 1.2, RENAULT Kangoo I Express (FC) 1.4, RENAULT Kangoo I Express (FC) D 55 1.9 (FC0D), RENAULT Kangoo I Express (FC) D 65 1.9 (FC0E, FC02, FC0J, FC0N), RENAULT Kangoo I Express (FC) 1.9 dTi, RENAULT Kangoo I Express (FC) 1.6 16V 4x4, RENAULT Kangoo I Express (FC) 1.9 dCi 4x4, RENAULT Kangoo I Express (FC) 1.2 16V, RENAULT Kangoo I Express (FC) 1.6 16V, RENAULT Kangoo I Express (FC) 1.9 dCi, RENAULT Kangoo I Express (FC) 1.6

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 Kangoo I (KC) 1.2 16V

REPLACEMENT: STRUT MOUNT – RENAULT KANGOO I
EXPRESS (FC). TOOLS YOU NEED:



- Wire brush
- WD-40 spray
- Copper grease
- Combination spanner #14
- Combination spanner #19
- Combination spanner #21
- Drive socket # 21
- HEX bit No.H6.
- Wheel impact socket #19
- Pin punch
- Hammer
- Tap wrench
- Ratchet wrench
- Torque wrench
- Crow bar
- Hydraulic transmission jack
- Hydraulic strut spring compressor
- Fender cover
- Wheel chock

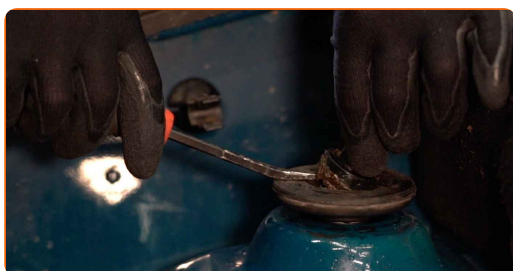
[Buy tools](#)

Replacement: strut mount – RENAULT Kangoo I Express (FC). AUTODOC recommends:

- All mounts of the front shock struts should be replaced simultaneously.
- The replacement procedure is identical for the mounts of the left and right shock struts of the front suspension.
- Be sure to replace all self-locking nuts and bolts during installation.
- All work should be done with the engine stopped.

REPLACEMENT: STRUT MOUNT – RENAULT KANGOO I EXPRESS (FC). 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 shock strut mount cap. Use a crowbar.



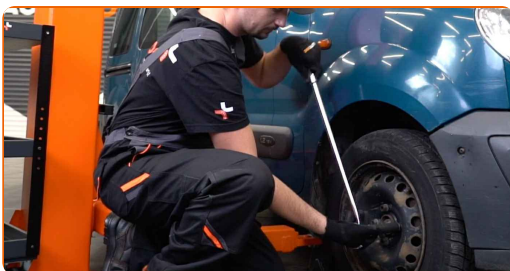
- 4 Loosen the upper fastener of the shock strut mount. Use a combination spanner #21. Use HEX No.H6. Use a ratchet wrench.



- 5 Secure the wheels with chocks.

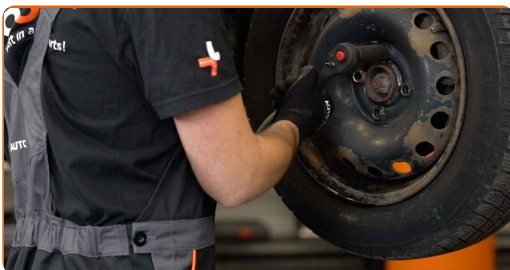


- 6 Loosen the wheel mounting bolts. Use wheel impact socket #19.



- 7 Raise the front of the car and secure on supports.

- 8 Unscrew the wheel bolts.

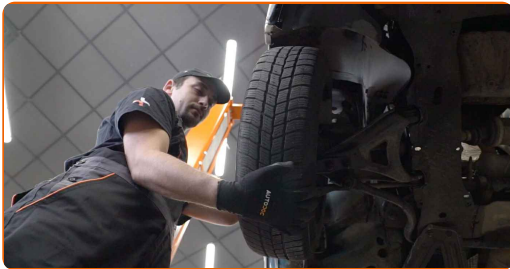


AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. RENAULT Kangoo I Express (FC)

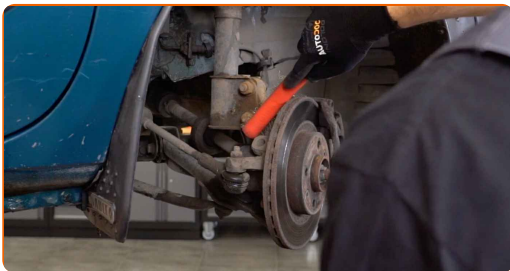
9

Remove the wheel.



10

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



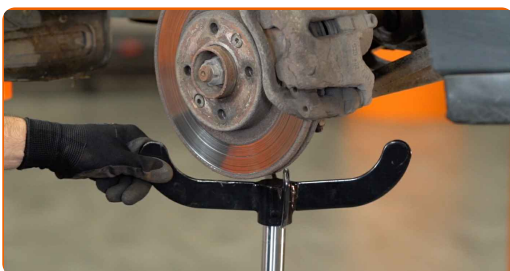
11

Unscrew the lower fastener connecting the shock strut to the steering knuckle. Use a drive socket #21. Use a combination spanner #21. Use a tap wrench.



12

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



13 Remove the fastening bolts (2 pieces). Use a hammer. Use a pin punch.



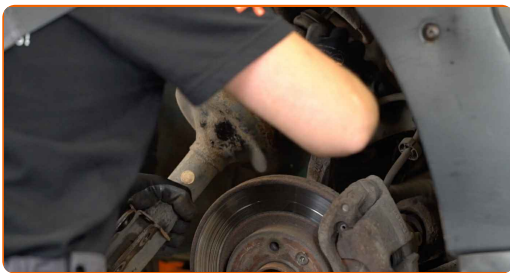
14 Unscrew the upper fastening of the shock absorber strut. Use a drive socket #21.



Replacement: strut mount – RENAULT Kangoo I Express (FC). Tip:

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

15 Remove the suspension strut.



16 Set the shock absorber strut on the spring compressor tool.



Replacement: strut mount – RENAULT Kangoo I Express (FC). 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.

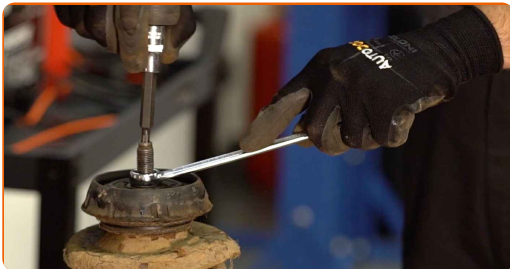
17

Compress the spring.



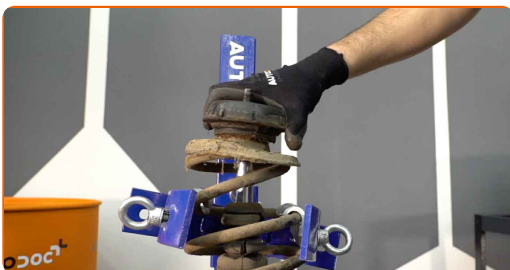
18

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

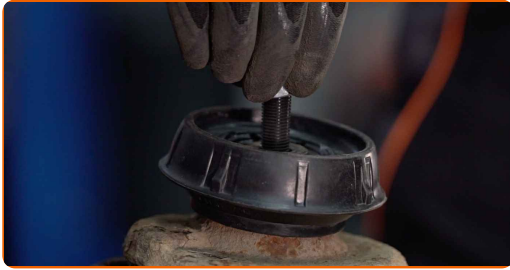


19

Remove the top strut mount.



20 Install a new top shock strut mount.



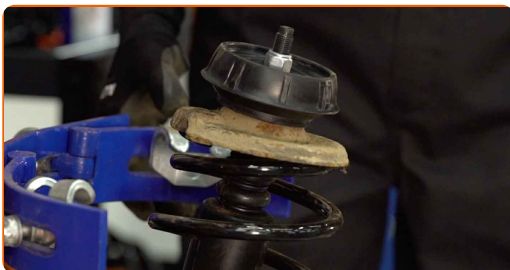
21 Tighten the shock strut piston rod nut. Use HEX No.H6. Use a combination spanner #14. Use a torque wrench. Tighten it to 60 Nm torque.



AUTODOC recommends:

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

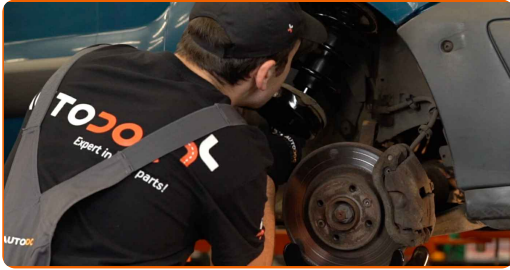
22 Decompress the spring.



23 Remove the assembled shock strut.



24 Install the shock strut into the wheel arch.

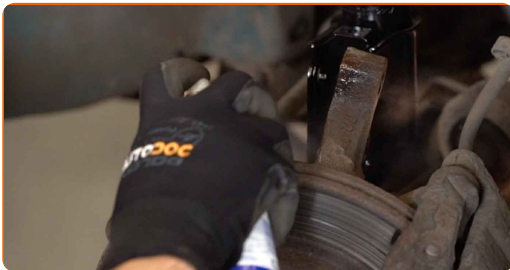


25 Tighten the upper fastening nut of the shock absorber strut. Do not tighten it.

AUTODOC recommends:

- RENAULT Kangoo I Express (FC) – To avoid injury, hold the suspension strut while screwing in the fastening bolts.

26 Clean the mounting seats of the shock strut. Use a wire brush. Use WD-40 spray.



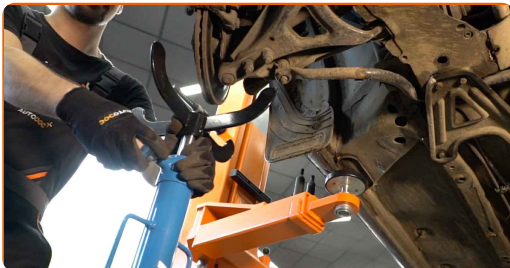
27 Fix the shock absorber strut on the steering knuckle.



- 28 Install and tighten new bolts of the steering knuckle. Use a drive socket #21. Use a combination spanner #21. Use a torque wrench. Tighten it to 140 Nm torque.



- 29 Remove the support from under the steering knuckle.



AUTODOC recommends:

- Replacement: strut mount – RENAULT Kangoo I Express (FC). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

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



31 Install the wheel.



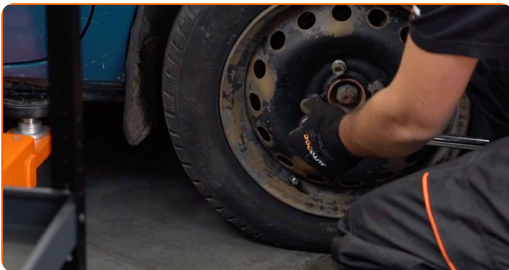
Replacement: strut mount – RENAULT Kangoo I Express (FC). Tip from AUTODOC experts:

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

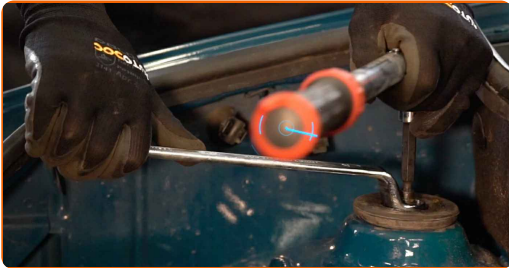
32 Screw in the wheel bolts. Use wheel impact socket #19.



33 Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 110 Nm torque.



- 34** Tighten the shock strut top mount. Use a combination spanner #21. Use HEX No.H6. Use a torque wrench. Tighten it to 62 Nm torque.



- 35** Install the shock strut mount cap.



- 36** Remove the fender protection cover.

- 37** Close the hood.

- 38** Remove the jacks and chocks.



WELL DONE! 

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STRUT MOUNT: A WIDE SELECTION

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