



How to change rear  
shock absorbers on  
**Renault Kangoo KC01** –  
replacement guide

## VIDEO TUTORIAL

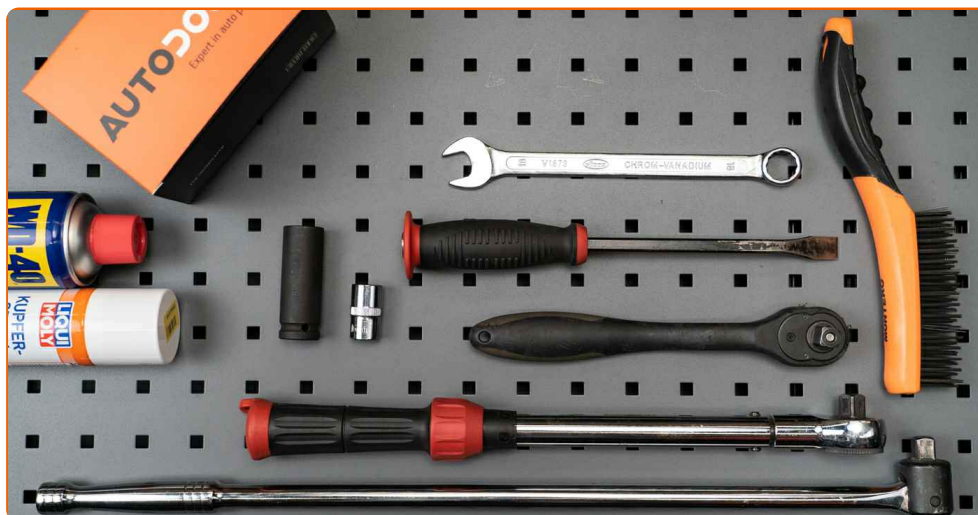
** Important!**

This replacement procedure can be used for:

RENAULT KANGOO Express (FC0/1\_) 1.5 dCi, RENAULT KANGOO (KC0/1\_) 1.2, RENAULT KANGOO (KC0/1\_) 1.4, RENAULT KANGOO (KC0/1\_) D 55 1.9 (KC0D), RENAULT KANGOO (KC0/1\_) D 65 1.9 (KC0E, KC02, KC0J, KC0N), RENAULT KANGOO Express (FC0/1\_) 1.2, RENAULT KANGOO Express (FC0/1\_) 1.4, RENAULT KANGOO Express (FC0/1\_) D 55 1.9 (FC0D), RENAULT KANGOO Express (FC0/1\_) D 65 1.9 (FC0E, FC02, FC0J, FC0N), RENAULT KANGOO (KC0/1\_) 1.9 dTi, RENAULT KANGOO Express (FC0/1\_) 1.9 dTi, RENAULT KANGOO (KC0/1\_) 1.6 16V, RENAULT KANGOO (KC0/1\_) 1.5 dCi, RENAULT KANGOO Express (FC0/1\_) 1.2 16V, RENAULT KANGOO Express (FC0/1\_) 1.6 16V, (+ 12)

The steps may slightly vary depending on the car design.

REPLACEMENT: SHOCK ABSORBERS – RENAULT KANGOO KC01. LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Copper grease
- Drive socket # 16
- Combination spanner #18
- Wheel impact socket #19
- Tap wrench
- Torque wrench
- Hydraulic transmission jack
- Wheel chock

**BUY TOOLS**

Replacement: shock absorbers – Renault Kangoo KC01. AUTODOC experts recommend:

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

## REPLACEMENT: SHOCK ABSORBERS – RENAULT KANGOO KC01. USE THE FOLLOWING PROCEDURE:

1

Secure the wheels with chocks.



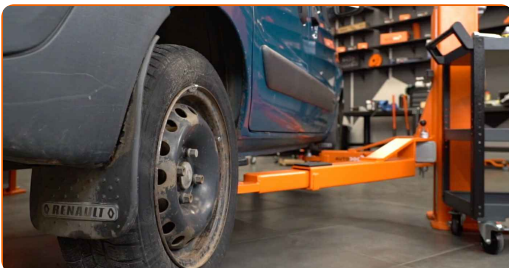
2

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

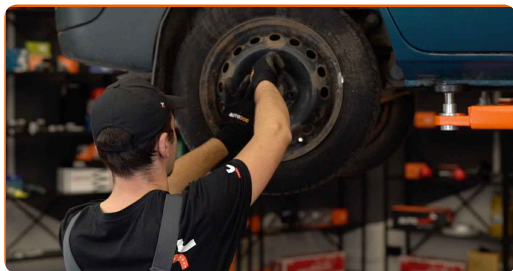


3

Raise the rear of the car and secure on supports.



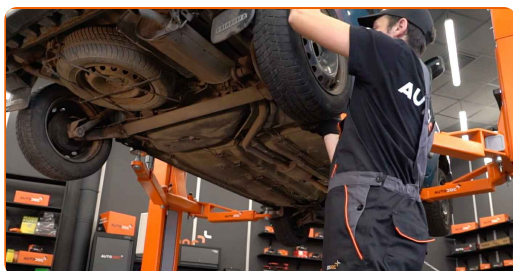
**4** Unscrew the wheel bolts.



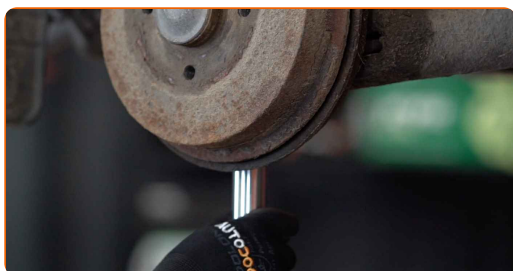
Replacement: shock absorbers – Renault Kangoo KC01. AUTODOC recommends:

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

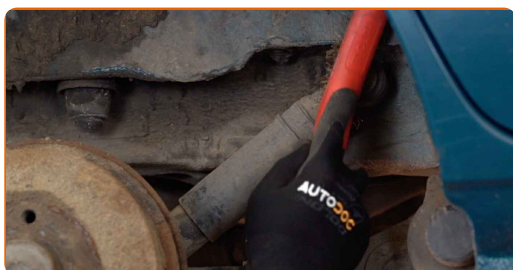
**5** Remove the wheel.



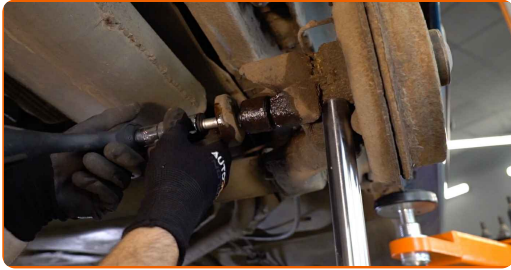
**6** Support the arm. Use a hydraulic transmission jack.



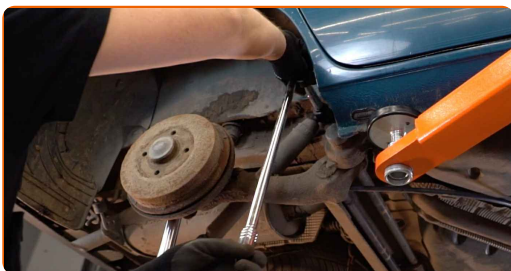
**7** Clean the shock absorber fasteners. Use a wire brush. Use WD-40 spray.



**8** Unscrew the lower fastener of the shock absorber. Use a drive socket #16. Use a tap wrench.



**9** Unscrew the upper fastener of the shock absorber. Use a drive socket #16. Use a combination spanner #18. Use a tap wrench.



**AUTODOC recommends:**

- Renault Kangoo KC01 – To avoid injury, hold the shock absorber while unscrewing the fastening bolts.

**10** Remove the shock absorber.

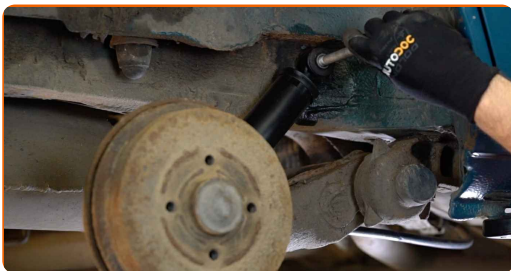


**Replacement: shock absorbers – Renault Kangoo KC01. Tip:**

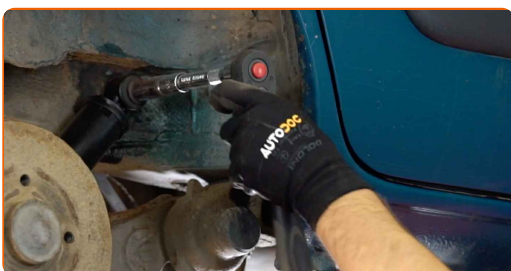
- Before installing a new shock absorber you should pump it manually 3-5 times.



**11** Place the shock absorber in the wheel arch and fasten it.



**12** Tighten the top shock absorber fastening. Use a drive socket #16. Use a combination spanner #18. Use a torque wrench. Tighten it to 105 Nm torque.



**13** Tighten the lower fastener of the shock absorber. Use a drive socket #16. Use a torque wrench. Tighten it to 105 Nm torque.

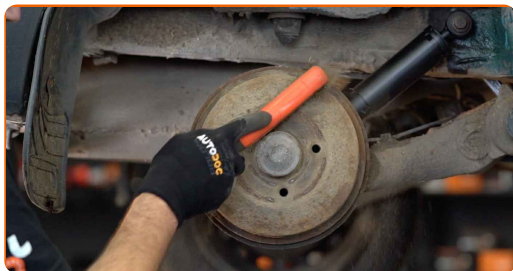


**14** Remove the support from under the rear arm.



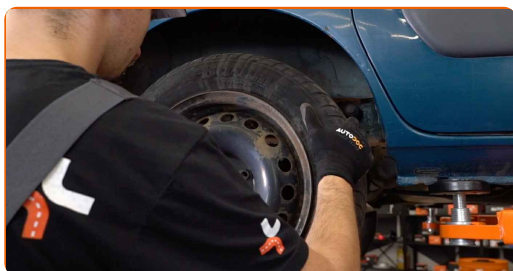
15

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



16

Install the wheel.

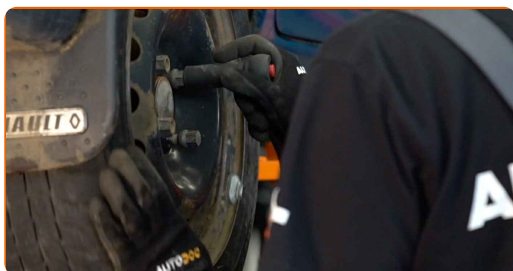


Replacement: shock absorbers – Renault Kangoo KC01. Tip from AUTODOC:

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

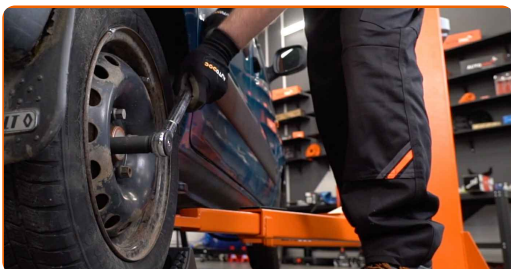
17

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

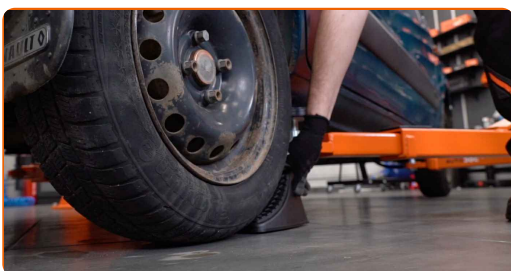




- 18** Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 110 Nm torque.



- 19** Remove the jacks and chocks.



**WELL DONE!** 

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