



How to change rear coil  
springs on **Suzuki Swift**  
**MK3** – replacement guide

## VIDEO TUTORIAL



### **i Important!**

This replacement procedure can be used for:  
SUZUKI SWIFT III (MZ, EZ) 1.3 (RS 413), SUZUKI SWIFT III (MZ, EZ) 1.3 DDiS (RS 413D), SUZUKI SWIFT III (MZ, EZ) 1.6 (RS 416)

The steps may slightly vary depending on the car design.

## REPLACEMENT: COIL SPRINGS – SUZUKI SWIFT MK3.

### TOOLS YOU NEED:



- Wire brush
- WD-40 spray
- Copper grease
- Drive socket # 17
- Wheel impact socket #21
- Ratchet wrench
- Torque wrench
- Flat Screwdriver
- Crow bar
- Hydraulic transmission jack
- Wheel chock

[BUY TOOLS](#)

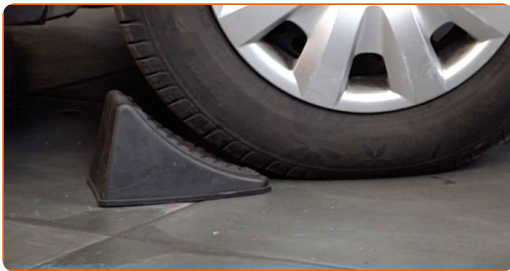
Replacement: coil springs – Suzuki Swift MK3. AUTODOC experts recommend:

- 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 – SUZUKI SWIFT MK3. USE THE FOLLOWING PROCEDURE:

1

Secure the wheels with chocks.



2

Loosen the wheel mounting bolts. Use wheel impact socket #21.



3

Raise the rear of the car and secure on supports.

4

Unscrew the wheel bolts.

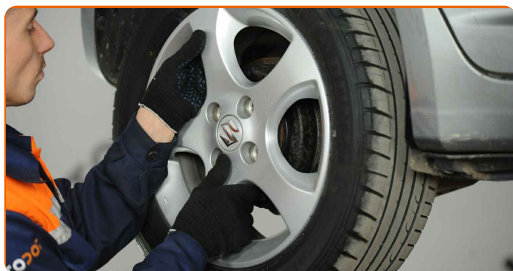


### AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. Suzuki Swift MK3

5

Remove the wheel.



6

Support the stub axle. Use a hydraulic transmission jack.



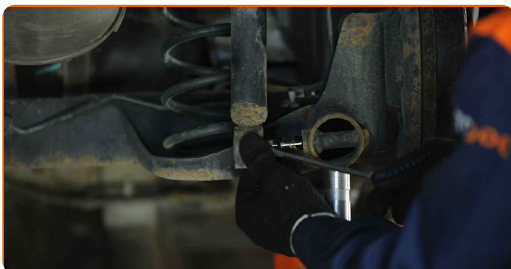
7

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 #17. Use a ratchet wrench.



- 9 Detach the lower part of the shock absorber. Use a flat screwdriver.



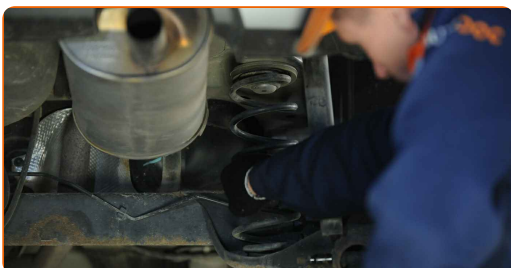
- 10 Remove the support from under the stub axle.



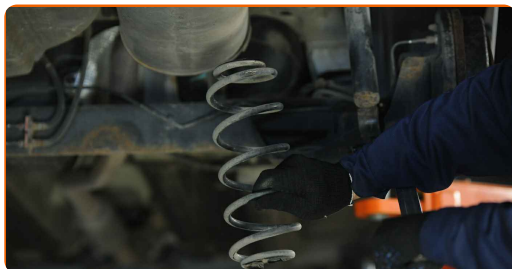
### AUTODOC recommends:

- Replacement: coil springs – Suzuki Swift MK3. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

- 11 Pull down the suspension control arm. Use a crowbar.

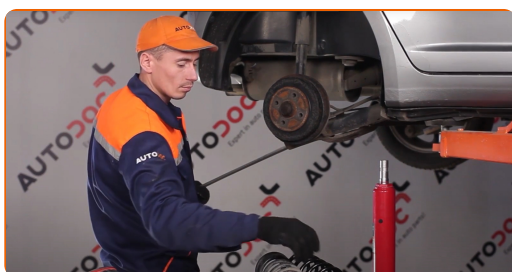


**12** Take out the spring.

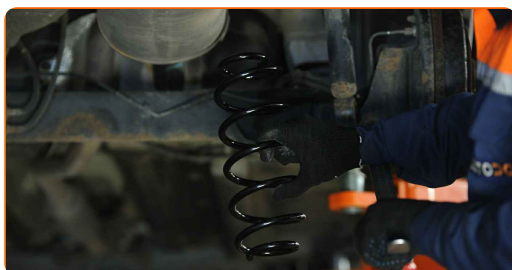


**13** Clean the coil spring mounting seats. Use a wire brush. Use WD-40 spray.

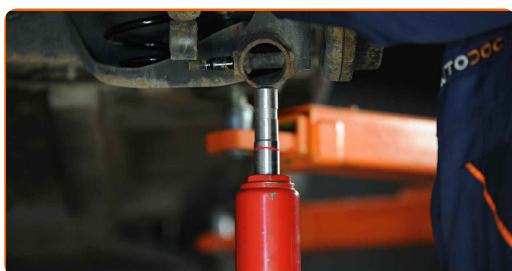
**14** Pull down the suspension control arm. Use a crowbar.



**15** Install the spring.



**16** Support the stub axle. Use a hydraulic transmission jack.



- 17** Attach the lower part of the shock absorber.



- 18** Tighten the lower fastener of the shock absorber. Use a drive socket #17. Use a torque wrench. Tighten it to 90 Nm torque.



- 19** Remove the support from under the stub axle.



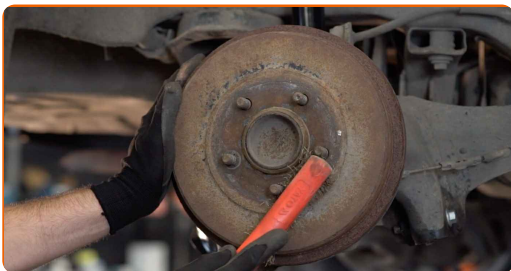
**Replacement: coil springs – Suzuki Swift MK3. Professionals recommend:**

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

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



- 21 Clean the wheel rim mounting seat. Use a wire brush.



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



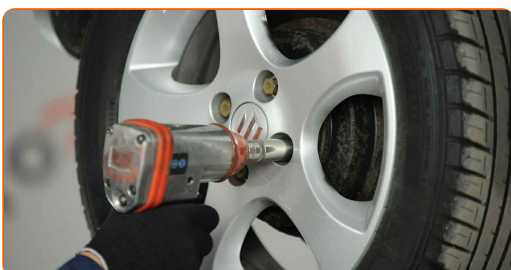
- 23 Install the wheel.



### AUTODOC recommends:

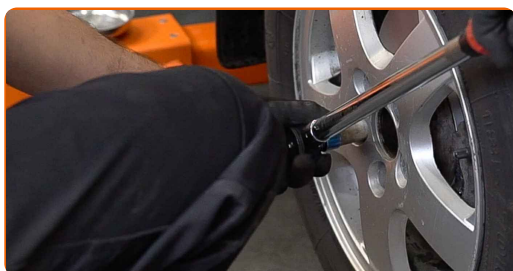
- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. Suzuki Swift MK3

- 24 Screw in the wheel bolts. Use wheel impact socket #21.

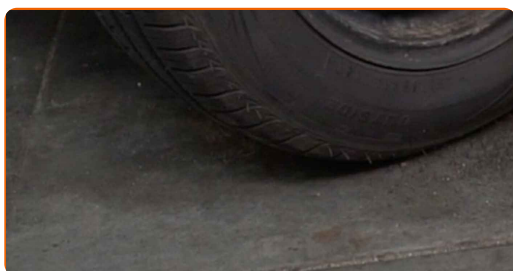


**25**

Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #21. Use a torque wrench. Tighten it to 85 nm torque.

**26**

Remove the jacks and chocks.



**WELL DONE!** 

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