



How to change rear coil  
springs on **Toyota Yaris**  
**P1** – replacement guide

## VIDEO TUTORIAL

** Important!**

This replacement procedure can be used for:

TOYOTA Yaris Hatchback (\_P1\_) 1.0 (SCP10\_), TOYOTA Yaris Hatchback (\_P1\_) 1.5 (NCP13\_), TOYOTA Yaris Hatchback (\_P1\_) 1.4 D-4D (NLP10\_), TOYOTA Yaris Hatchback (\_P1\_) 1.3 (SCP12\_)

The steps may slightly vary depending on the car design.

REPLACEMENT: COIL SPRINGS – TOYOTA YARIS P1.  
LIST OF THE TOOLS YOU'LL NEED:



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

**BUY TOOLS**

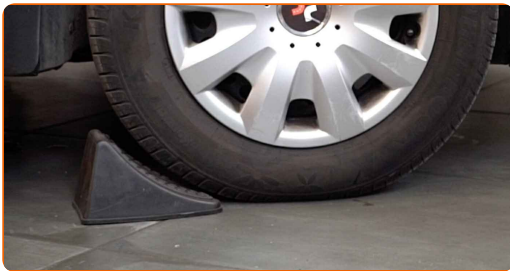
**Replacement: coil springs – Toyota Yaris P1. Tip from AUTODOC experts:**

- 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 – TOYOTA YARIS P1.  
RECOMMENDED SEQUENCE OF STEPS:**

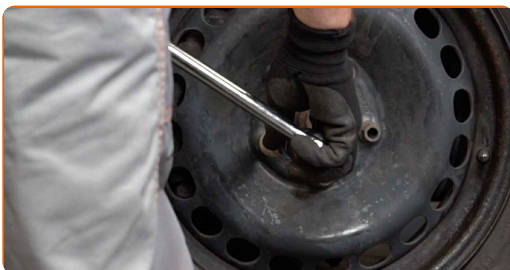
1

Secure the wheels with chocks.



2

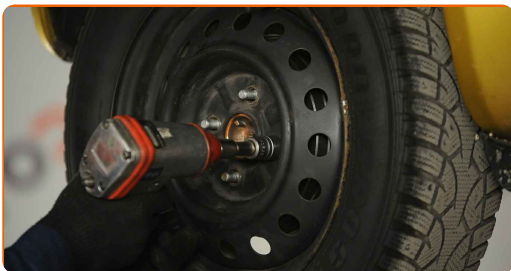
Loosen the wheel mounting bolts. Use wheel impact socket #21.



3

Raise the rear of the car and secure on supports.

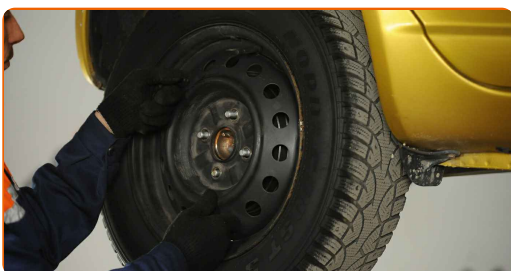
**4** Unscrew the wheel bolts.



**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.  
Toyota Yaris P1

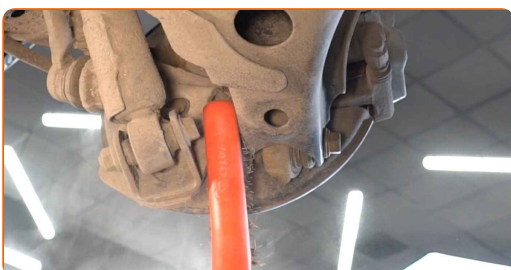
**5** Remove the wheel.



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

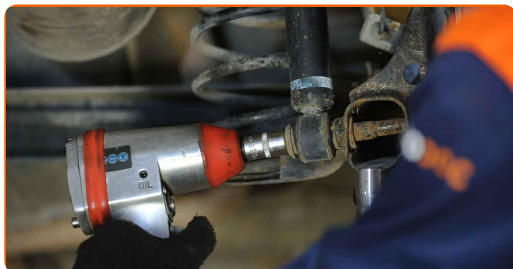


**7** Clean the shock absorber fasteners. Use a wire brush. Use WD-40 spray.



8

Unscrew the lower fastener of the shock absorber. Use a drive socket #17. Use a ratchet wrench.

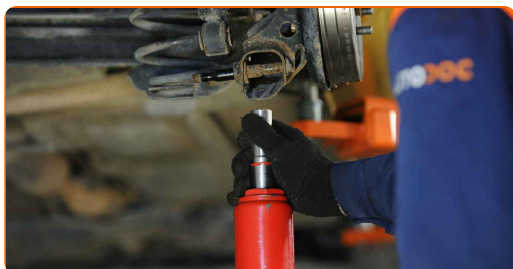


9

Detach the lower part of the shock absorber.

10

Remove the mounting from under the rear axle beam.



Replacement: coil springs – Toyota Yaris P1. AUTODOC recommends:

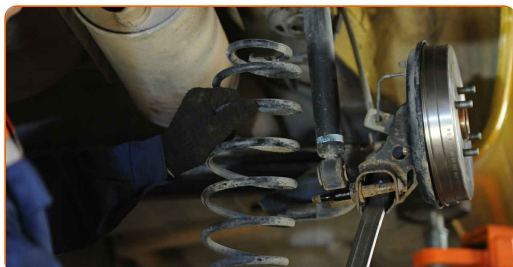
- Lower the hydraulic transmission jack smoothly, without jerks, to avoid damaging assemblies and mechanisms.

11

Pull down the rear suspension beam. Use a crowbar.

12

Take out the spring.



Replacement: coil springs – Toyota Yaris P1. Professionals recommend:

- Examine suspension spring rubber spacers. Replace them if needed.

13

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

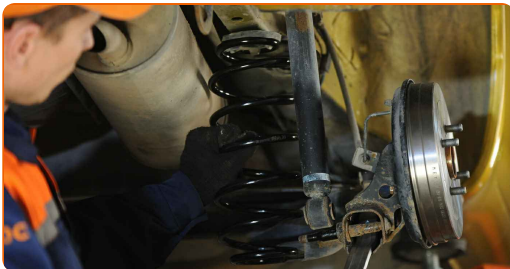


14

Pull down the rear suspension beam. Use a crowbar.

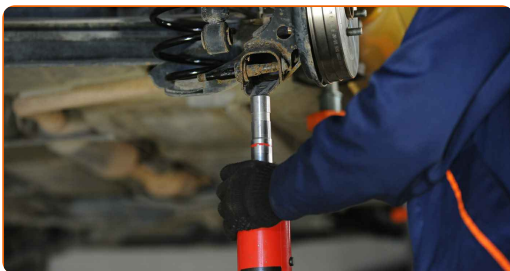
15

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



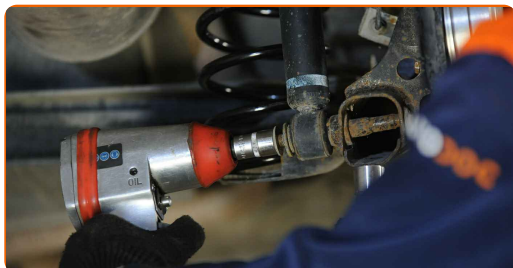
16

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

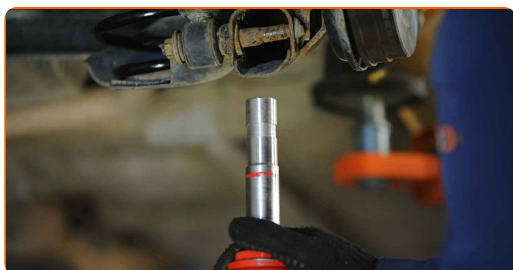


**17** Attach the lower part of the shock absorber.

**18** Tighten the lower fastener of the shock absorber. Use a drive socket #17. Use a torque wrench. Tighten it to 88 Nm torque.



**19** Remove the mounting from under the rear axle beam.



**AUTODOC recommends:**

- Replacement: coil springs – Toyota Yaris P1. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

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



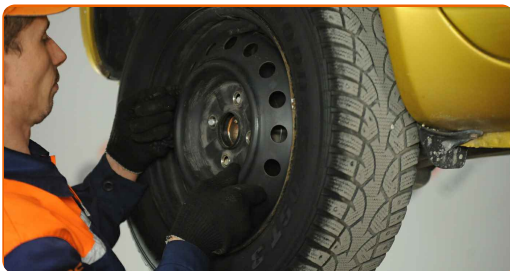


**21** Clean the wheel rim mounting seat. Use a brake cleaner.

Replacement: coil springs – Toyota Yaris P1. Tip from AUTODOC experts:

- After applying the spray, wait a few minutes.

**22** Install the wheel.



Replacement: coil springs – Toyota Yaris P1. Tip from AUTODOC:

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

**23** Screw in the wheel bolts. Use wheel impact socket #21.



**24**

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 103 Nm torque.

**25**

Remove the jacks and chocks.



**WELL DONE!** 

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