



How to change front
strut mount on **Toyota**
Yaris P1 – replacement
guide

VIDEO TUTORIAL



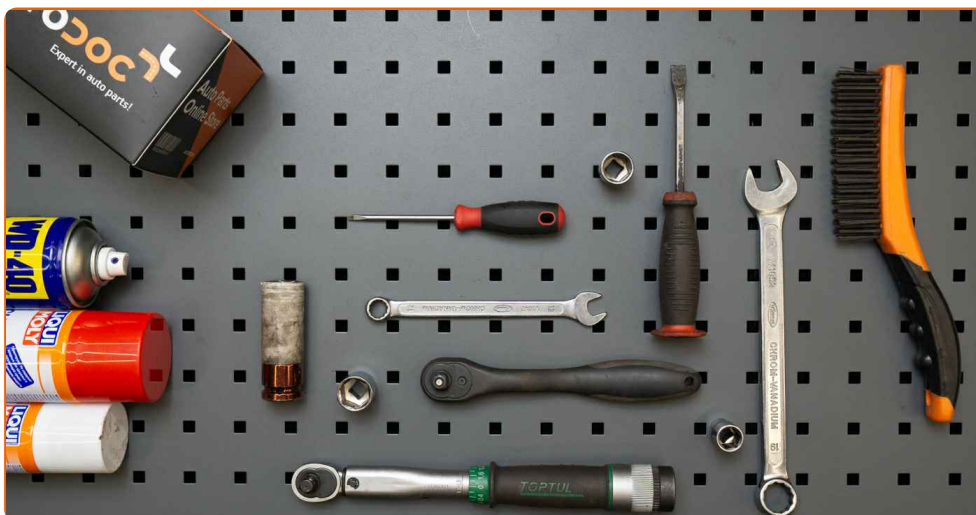
Important!

This replacement procedure can be used for:

TOYOTA Yaris Verso (_P2_) 1.3, TOYOTA Yaris Verso (_P2_) 1.5, TOYOTA Yaris Hatchback (_P1_) 1.5 (NCP13_), TOYOTA Yaris Hatchback (_P1_) 1.4 D-4D (NLP10_), TOYOTA Yaris Verso (_P2_) 1.4 D-4D

The steps may slightly vary depending on the car design.

REPLACEMENT: STRUT MOUNT – TOYOTA YARIS P1.
TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #12
- Combination spanner #19
- Drive socket # 14
- Drive socket # 17
- Drive socket # 19
- Wheel impact socket #21
- Ratchet wrench
- Torque wrench
- Flat Screwdriver
- Hydraulic strut spring compressor
- Fender cover
- Wheel chock

BUY TOOLS

Replacement: strut mount – Toyota Yaris P1. 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.
- Please note: all work on the car – Toyota Yaris P1 – 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 #21.



3 Raise the front of the car and secure on supports.

4 Unscrew the wheel bolts.



Replacement: strut mount – Toyota Yaris P1. Tip:

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

5 Remove the wheel.

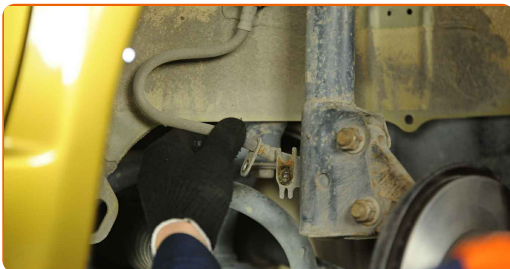


6 Clean the fastener of the bracket that connects the brake hose to the shock strut. Use a wire brush. Use WD-40 spray.

7 Unscrew the brake hose fastening bracket from the shock strut. Use a drive socket #14. Use a ratchet wrench.



8 Remove the bracket from the shock absorber strut.



9 Clean the fasteners connecting the shock strut to the steering knuckle. Use a wire brush. Use WD-40 spray.

10

Unscrew the lower fastener connecting the shock strut to the steering knuckle. Use a combination spanner #19. Use a drive socket #19. Use a ratchet wrench.



11

Remove the fastening bolts. Disconnect the steering knuckle from the shock absorber strut.

12

Lower the car. Open the bonnet.



13

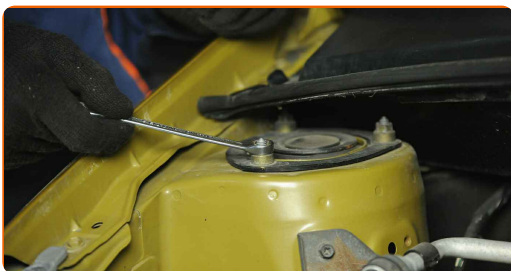
Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.

14

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

15

Unscrew the top fastening of the shock strut mount. Use a combination spanner #12.

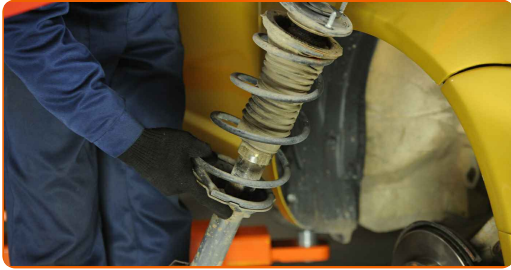


Replacement: strut mount – Toyota Yaris P1. AUTODOC recommends:

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

16

Remove the suspension strut.



17

Set the shock absorber strut on the spring compressor tool.



Replacement: strut mount – Toyota Yaris P1. Tip from AUTODOC experts:

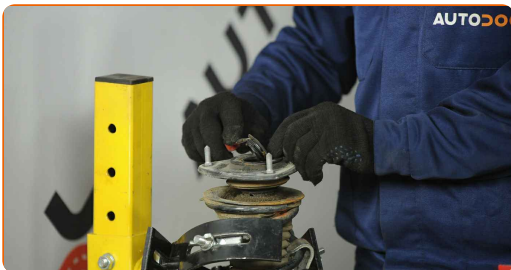
- Note that when using a spring compressor, spring coils need to be securely gripped, compressing the spring on the opposite sides.
- Ensure the correct position of the spring in the retainer.
- Make sure that the spring coils tightly entered the lock handles.

18

Compress the spring.

19

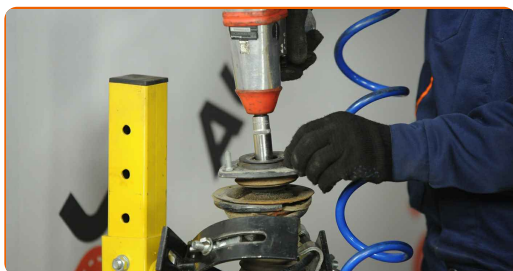
Remove the protective cap from the shock absorber strut mount. Use a flat screwdriver.



20 Treat the shock strut rod. Use a wire brush. Use WD-40 spray.



21 Remove the strut piston rod nut. Use a drive socket #17. Use a ratchet wrench.



22 Remove the top strut mount. Use a flat screwdriver.



23 Clean the mounting seat of the shock strut mount. Use a wire brush. Use WD-40 spray.

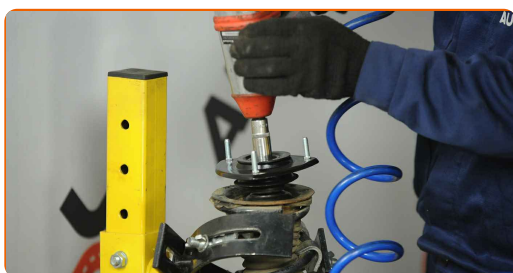
Replacement: strut mount – Toyota Yaris P1. Professionals recommend:

- Examine the shock absorber dust cap and the bump stop. Replace them if necessary.

24 Install a new strut mount.



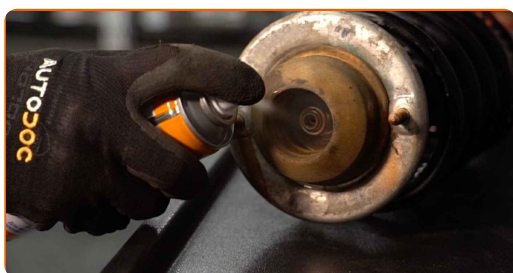
25 Tighten the shock strut piston rod nut. Use a drive socket #17. Use a torque wrench. Tighten it to 33 Nm torque.



Replacement: strut mount – Toyota Yaris P1. AUTODOC experts recommend:

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

26 Treat the shock strut rod. Use copper grease.

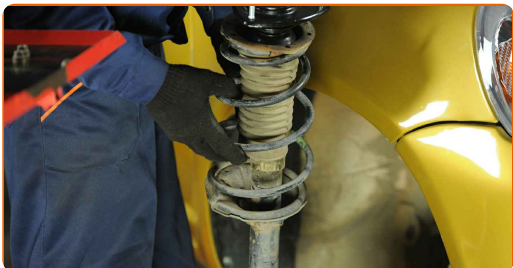


27 Install the protective cap onto the shock absorber strut mount.

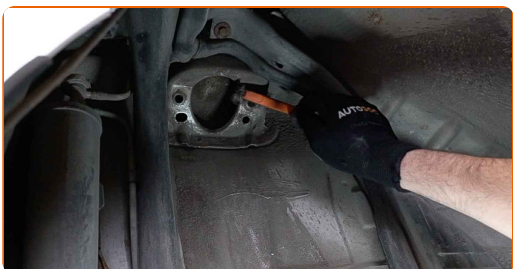


28 Decompress the spring.

29 Remove the assembled shock strut.

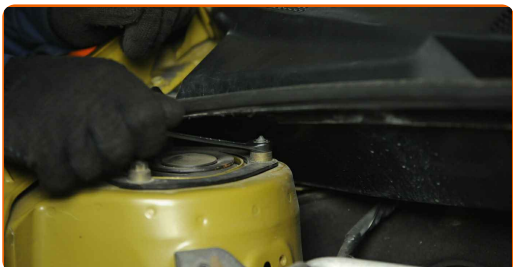


30 Clean the mounting seats of the shock strut. Use a wire brush. Use WD-40 spray.



31 Install the shock strut into the wheel arch.

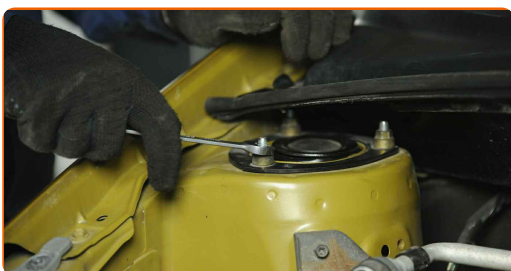
32 Screw the top fastening of the shock strut mount.



AUTODOC recommends:

- Important! Hold the suspension strut while screwing in the fastening bolts.
Toyota Yaris P1

- 33** Tighten the upper fastener of the shock absorber strut mount. Use a combination spanner #12. Use a torque wrench. Tighten it to 35 Nm torque.



- 34** Treat the fasteners of the shock strut mount. Use copper grease.

- 35** Remove the fender protection cover. Close the hood.



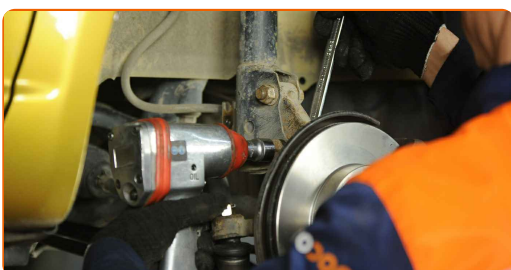
- 36** Raise the front of the car and secure on supports.



- 37** Fix the shock absorber strut on the steering knuckle.

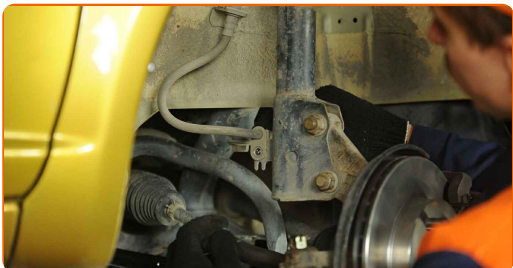
- 38** Install the fastening bolts.

- 39** Tighten the lower fasteners connecting the shock strut to the steering knuckle. Use a combination spanner #19. Use a drive socket #19. Use a torque wrench. Tighten it to 132 Nm torque.

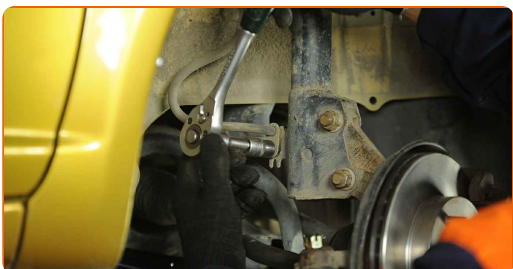


40 Treat the shock strut fasteners. Use copper grease.

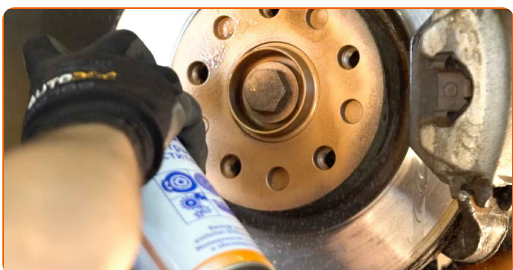
41 Install the bracket onto the shock absorber strut.



42 Tighten the brake hose fastening bracket to the shock strut. Use a drive socket #14. Use a ratchet wrench.



43 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



44 Clean the brake disc surface. Use a brake cleaner.



Replacement: strut mount – Toyota Yaris P1. Tip from AUTODOC experts:

- After applying the spray, wait a few minutes.

45 Install the wheel.



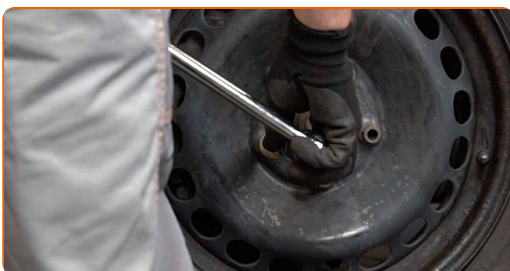
AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. Toyota Yaris P1

46 Screw in the wheel bolts. Use wheel impact socket #21.



47 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.



48

Remove the jacks and chocks.



WELL DONE! 

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