



How to change front
lower arm 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 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, TOYOTA Yaris Hatchback (_P1_) 1.3 (SCP12_), TOYOTA Yaris Verso (_P2_) 1.5 4WD (NCP21_)

The steps may slightly vary depending on the car design.

REPLACEMENT: FRONT LOWER ARM – TOYOTA YARIS
P1. TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #10
- Combination spanner #13
- Combination spanner #17
- Combination spanner #19
- Drive socket # 17
- Wheel impact socket #21
- Ratchet wrench
- Torque wrench
- Tap wrench
- Ball joint puller
- Hydraulic transmission jack
- Wheel chock

BUY TOOLS

Replacement: front lower arm – Toyota Yaris P1. AUTODOC recommends:

- The replacement procedure is identical for the left and right lower control arms.
- All work should be done with the engine stopped.

**REPLACEMENT: FRONT LOWER ARM – TOYOTA YARIS P1.
RECOMMENDED SEQUENCE OF STEPS:**

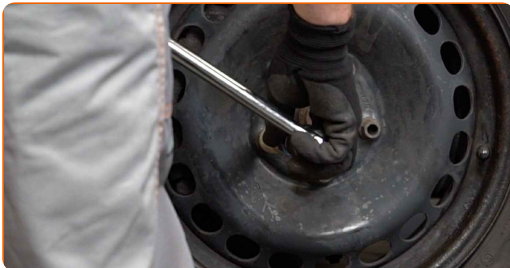
1

Secure the wheels with chocks.



2

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



3

Raise the front of the car and secure on supports.

4

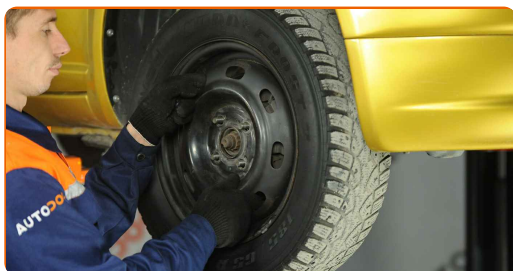
Unscrew the wheel bolts.



AUTODOC recommends:

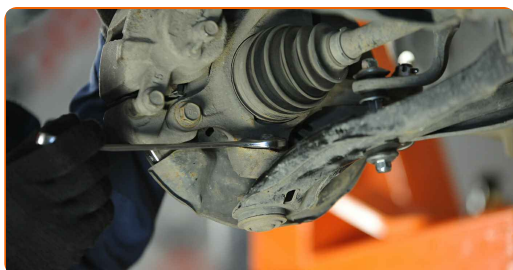
- Important! Hold the wheel while unscrewing the fastening bolts. Toyota Yaris P1

5 Remove the wheel.

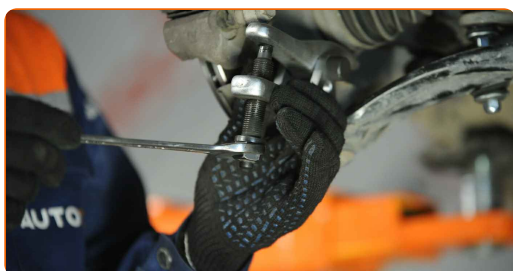


6 Clean the fastener connecting the ball joint to the steering knuckle. Use a wire brush. Use WD-40 spray.

7 Unscrew the ball joint fastening to the steering knuckle. Use a combination spanner #19.



8 Disconnect the ball joint from the steering knuckle. Use a ball joint puller.



9 Clean the stabiliser link fasteners. Use a wire brush. Use WD-40 spray.

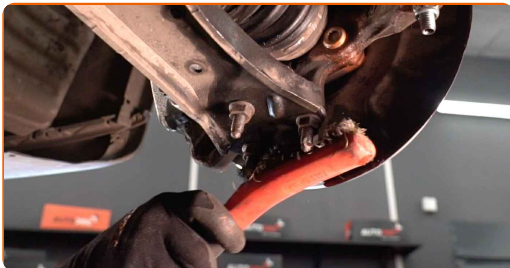
10

Unscrew the fastener connecting the stabilizer bar with the control arm. Use a combination spanner #13. Use a combination spanner #10.



11

Clean all joints of the arm. Use a wire brush. Use WD-40 spray.



12

Unscrew the front arm fastener. Use a drive socket #17. Use a tap wrench. Use a ratchet wrench.



13

Support the engine in the oil pan area. Use a hydraulic transmission jack.



Replacement: front lower arm – Toyota Yaris P1. Professionals recommend:

- Make sure that the engine is supported.

14

Unscrew the rear fastener connecting the control arm to the subframe. Use a combination spanner #17. Use a drive socket #17. Use a ratchet wrench.



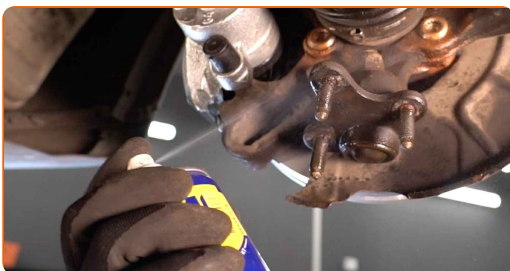
15

Remove the arm.



16

Clean the mounting seats and the thread of the suspension arm. Use a wire brush. Use WD-40 spray.



17

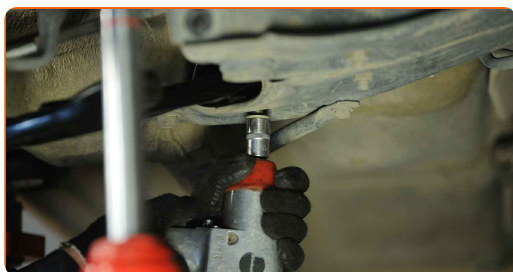
Install a new arm.



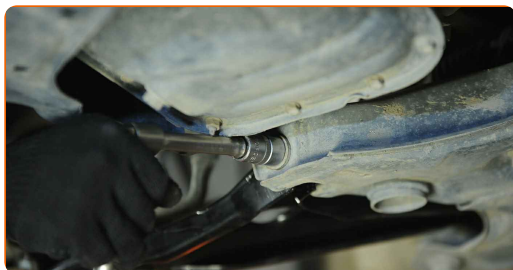
Replacement: front lower arm – Toyota Yaris P1. AUTODOC experts recommend:

- During the installation process, use only new bolts and nuts.
- Do not damage the ball joint cover.

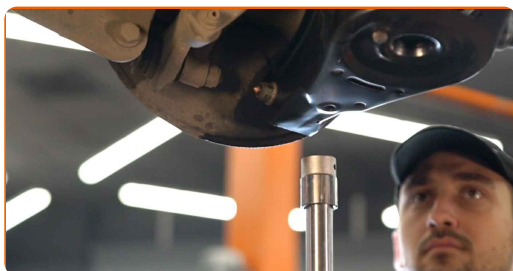
18 Screw the rear fastener connecting the control arm to the subframe. Use a combination spanner #17. Use a drive socket #17. Use a ratchet wrench. Use a tap wrench.



19 Screw the front arm fastener. Use a drive socket #17. Use a ratchet wrench. Use a tap wrench.



20 Remove the support from under the engine.

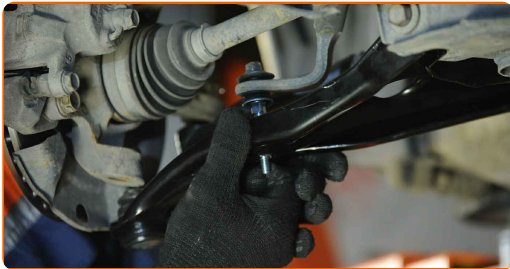


AUTODOC recommends:

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

21

Connect the ball joint to the steering knuckle.



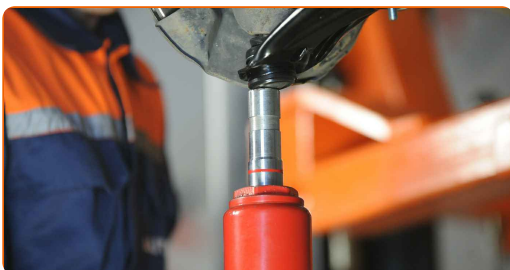
22

Tighten the ball joint fastener. Use a combination spanner #19. Use a torque wrench. Tighten it to 98 nm torque.



23

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

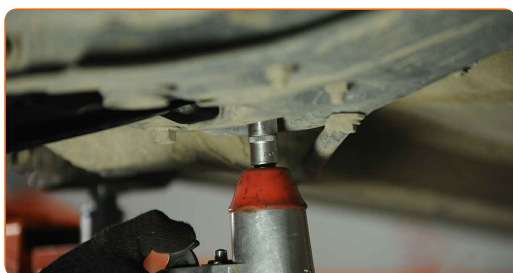


- 24** Tighten the fastener connecting the stabilizer bar with the control arm. Use a combination spanner #13. Use a combination spanner #10. Use a torque wrench. Tighten it to 18 Nm torque.

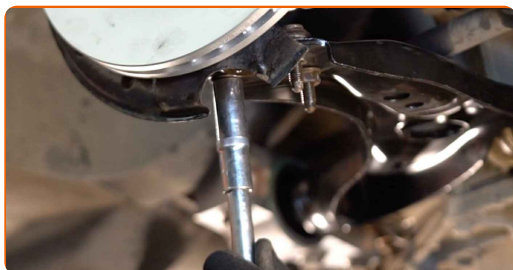


- 25** Tighten the front fastener connecting the control arm to the subframe. Use a drive socket #17. Use a torque wrench. Tighten it to 88 Nm torque.

- 26** Tighten the rear fastener connecting the arm to the body subframe. Use a drive socket #17. Use a torque wrench. Tighten it to 132 Nm torque.



- 27** Remove the support from under the steering knuckle.



Replacement: front lower arm – Toyota Yaris P1. Tip:

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

28 Treat all joints of the arm. Use copper grease.

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



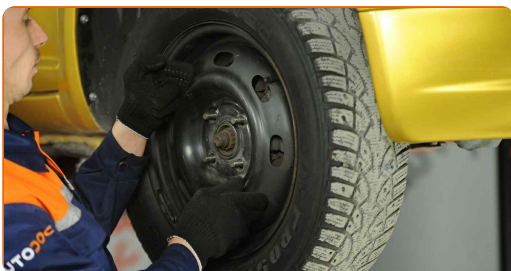
30 Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: front lower arm – Toyota Yaris P1. After applying the spray, wait a few minutes.

31 Install the wheel.



Replacement: front lower arm – Toyota Yaris P1. 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 #21.



33

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.



34

Remove the jacks and chocks.

WELL DONE! 

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