



How to change front
lower arm on **Toyota**
RAV4 II – replacement
guide

VIDEO TUTORIAL



Important!

This replacement procedure can be used for:

TOYOTA RAV 4 II (CLA2_, XA2_, ZCA2_, ACA2_) 1.8 (ZCA25_, ZCA26_), TOYOTA RAV 4 II (CLA2_, XA2_, ZCA2_, ACA2_) 2.0 D 4WD (CLA20_, CLA21_), TOYOTA RAV 4 II (CLA2_, XA2_, ZCA2_, ACA2_) 2.4 4WD, TOYOTA RAV 4 II (CLA2_, XA2_, ZCA2_, ACA2_) 2.0, TOYOTA RAV 4 II (CLA2_, XA2_, ZCA2_, ACA2_) 2.4

The steps may slightly vary depending on the car design.

**REPLACEMENT: FRONT LOWER ARM – TOYOTA RAV4
II. LIST OF THE TOOLS YOU'LL NEED:**



- Wire brush
- WD-40 spray
- Brake cleaner
- Ceramic grease
- Copper grease
- Torque wrench
- Combination spanner #19
- Drive socket # 17
- Drive socket # 19
- Wheel impact socket #19
- Ratchet wrench
- Crow bar
- Hydraulic transmission jack
- Wheel chock

BUY TOOLS

Replacement: front lower arm – Toyota RAV4 II. AUTODOC recommends:

- The replacement procedure is identical for the left and right lower control arms.
- Please note: all work on the car – Toyota RAV4 II – 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 #19.



3 Raise the car.

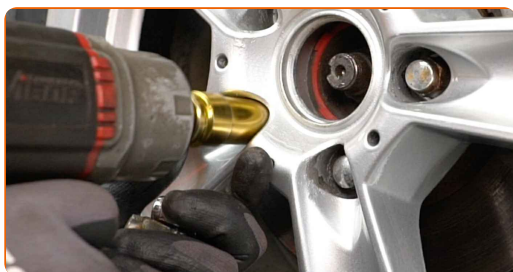


Replacement: front lower arm – Toyota RAV4 II. AUTODOC experts recommend:

- If you are using a jack, make sure it rests on a flat surface without any unevenness.
- Be sure to additionally secure the car with jack stands.

4

Unscrew the wheel bolts.



AUTODOC recommends:

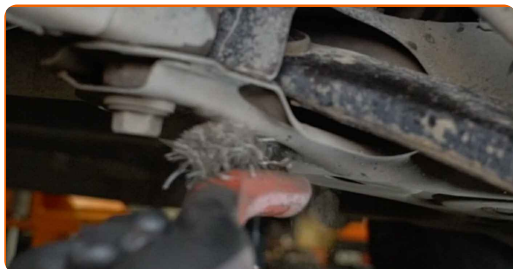
- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.
Toyota RAV4 II

5

Remove the wheel.



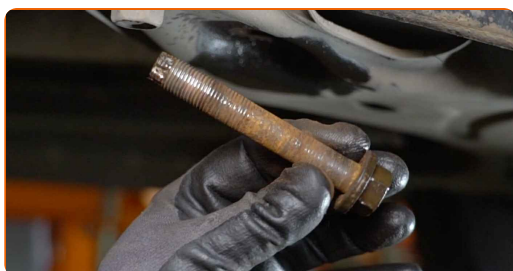
6 Clean the rear fastener that connects the suspension arm to the subframe. Use a wire brush. Use WD-40 spray.



7 Unscrew the rear fastener connecting the control arm to the subframe. Use a combination spanner #19. Use a drive socket #19. Use a ratchet wrench.



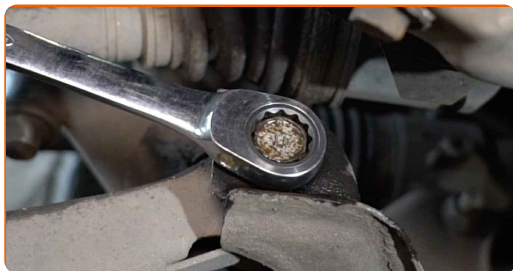
8 Remove the fastening bolt.



9 Clean the front fastener that connects the suspension arm to the subframe. Use a wire brush. Use WD-40 spray.



10 Unscrew the front fastener that connects the suspension arm to the subframe. Use a combination spanner #19.



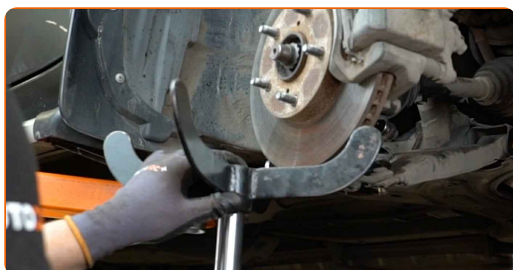
11 Clean the fasteners connecting the ball joint to the suspension control arm. Use a wire brush. Use WD-40 spray.



12 Unscrew the fasteners connecting the ball joint to the control arm. Use a drive socket #17. Use a ratchet wrench.



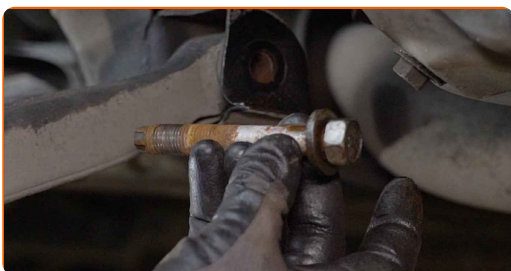
13 Prop up the steering knuckle. Use a hydraulic transmission jack.



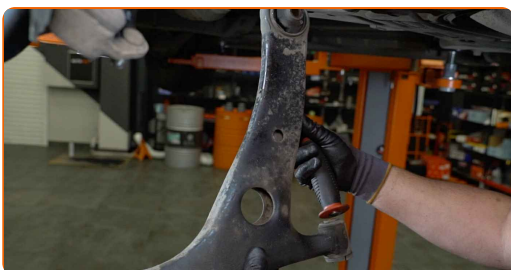
14 Detach the suspension arm from the ball joint.



15 Remove the fastening bolt.



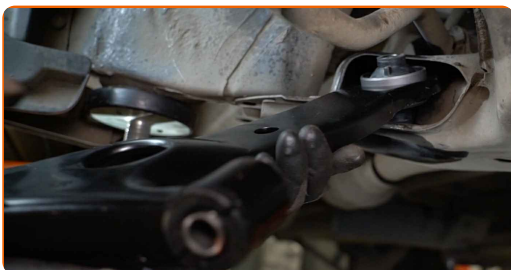
16 Remove the arm. Use a crowbar.



17 Clean the suspension arm mounting seats. Use a wire brush. Use WD-40 spray.



18 Install a new arm.

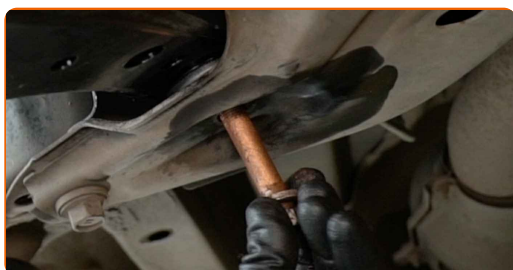


AUTODOC recommends:

- Replacement: front lower arm – Toyota RAV4 II. Use only new bolts and nuts for installation.

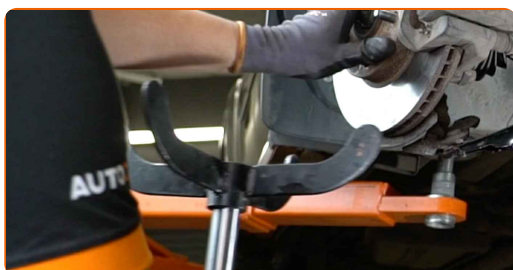
19

Install the fastening bolts.



20

Remove the support from under the steering knuckle.

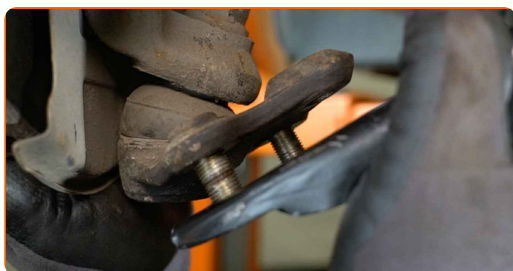


AUTODOC recommends:

- Replacement: front lower arm – Toyota RAV4 II. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

21

Connect the control arm to the ball joint.



22

Tighten the fasteners connecting the ball joint to the control arm. Use a drive socket #17. Use a torque wrench. Tighten it to 128 Nm torque.



23

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



AUTODOC recommends:

- For tightening the fasteners correctly, you have to jack up the suspension components to their working position.

24

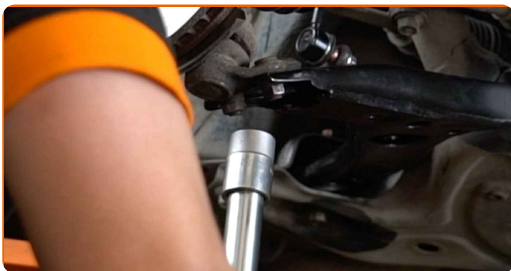
Tighten the front fastener that connects the suspension arm to the subframe. Use a drive socket #19. Use a torque wrench. Tighten it to 137 Nm torque.



25

Tighten the rear fastener connecting the arm to the body subframe. Use a combination spanner #19. Use a drive socket #19. Use a torque wrench. Tighten it to 137 Nm torque.

26 Remove the support from under the steering knuckle.



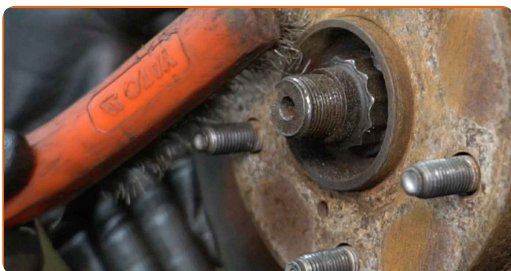
Replacement: front lower arm – Toyota RAV4 II. Tip from AUTODOC experts:

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

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



28 Clean the wheel rim mounting seat. Use a wire brush.



29

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



30

Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: front lower arm – Toyota RAV4 II. After applying the spray, wait a few minutes.

31

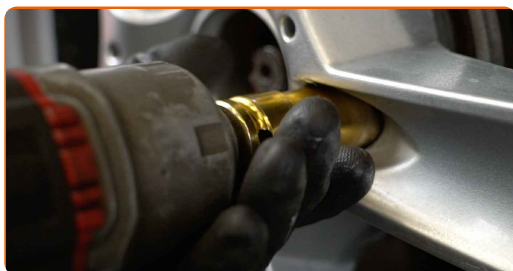
Install the wheel.



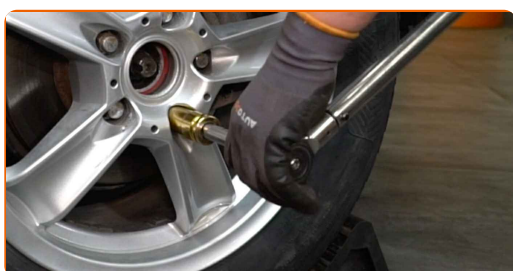
AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. Toyota RAV4 II

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



33 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #19. Use a torque wrench. Tighten it to 103 Nm torque.



34 Remove the jacks and chocks.



WELL DONE! 

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