



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

VIDEO TUTORIAL



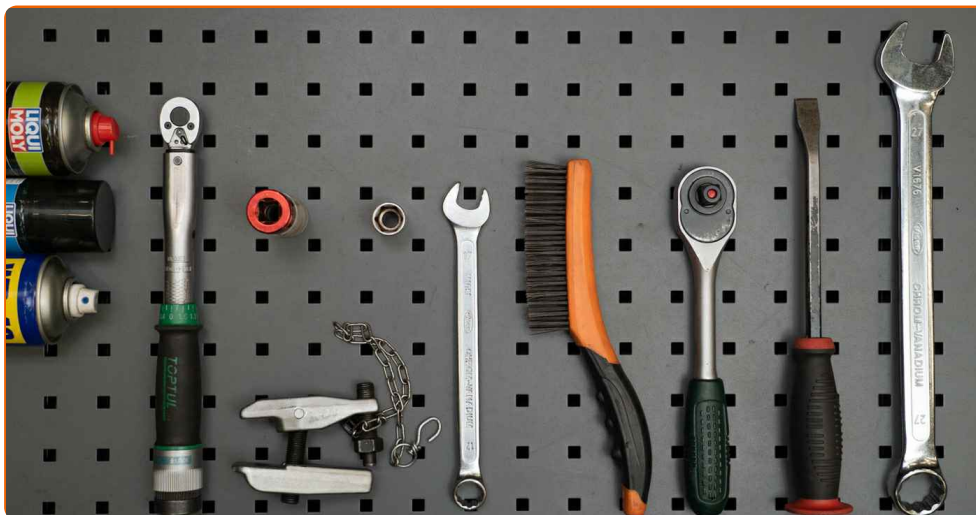
i Important!

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

The steps may slightly vary depending on the car design.

REPLACEMENT: REAR LOWER ARM – TOYOTA RAV4 II. TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Ceramic grease
- Copper grease
- Torque wrench
- Combination spanner #17
- Drive socket # 14
- Drive socket # 17
- Wheel impact socket #19
- Ratchet wrench
- Pin punch
- Hammer
- Crow bar
- Hydraulic transmission jack
- Wheel chock

BUY TOOLS

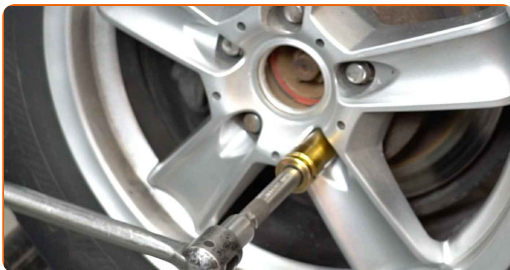
Replacement: rear lower arm – Toyota RAV4 II. AUTODOC experts recommend:

- 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.

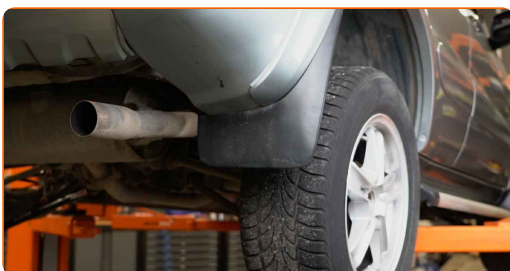
CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Secure the wheels with chocks.

2 Loosen the wheel mounting bolts. Use wheel impact socket #19.



3 Raise the car.

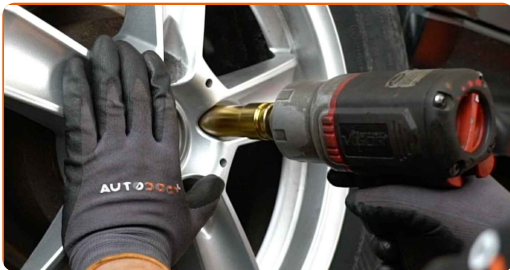


Replacement: rear lower arm – Toyota RAV4 II. Professionals recommend:

- 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.



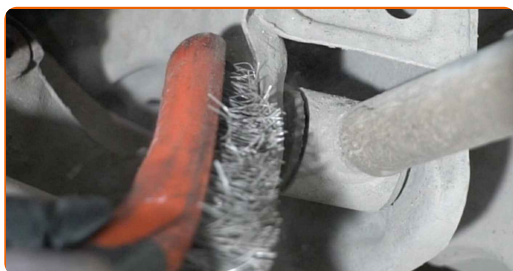
6

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



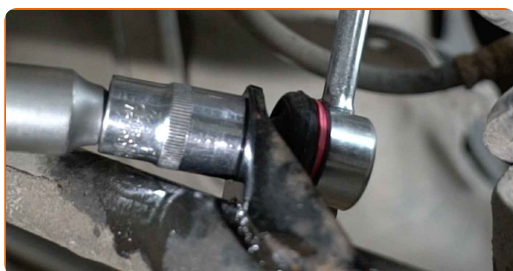
7

Clean the fastener connecting the sway bar link to the suspension arm. Use a wire brush. Use WD-40 spray.



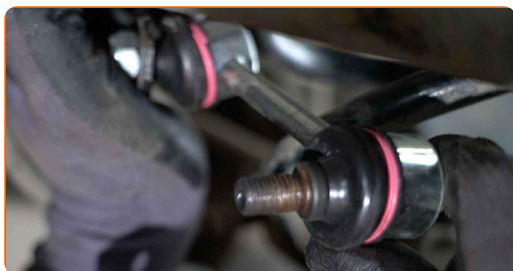
8

Unscrew the fastener connecting the stabilizer link to the control arm. Use a drive socket #17. Use a ratchet wrench.

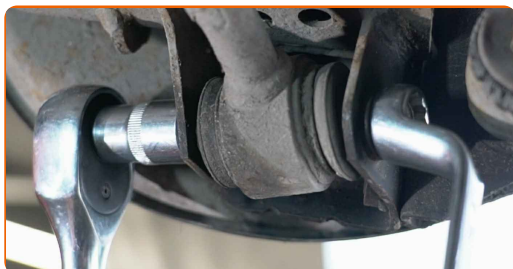


9

Remove the stabilizer rod.



- 10** Unscrew the fastener connecting the control arm to the rear knuckle. Use a combination spanner #17. Use a drive socket #17. Use a ratchet wrench.



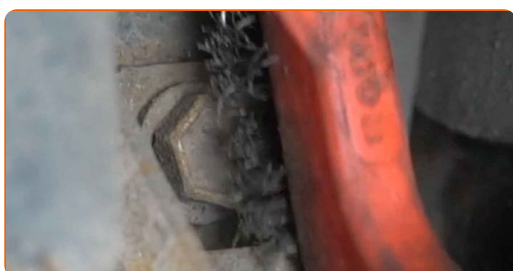
- 11** Support the rear knuckle. Use a hydraulic transmission jack.



- 12** Clean the lower shock absorber fastener. Use a wire brush. Use WD-40 spray.

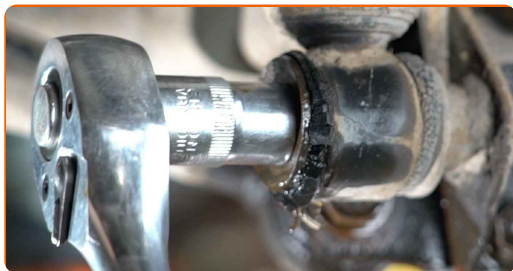


- 13** Clean the fasteners of the bracket that connects the shock absorber to the rear knuckle. Use a wire brush. Use WD-40 spray.



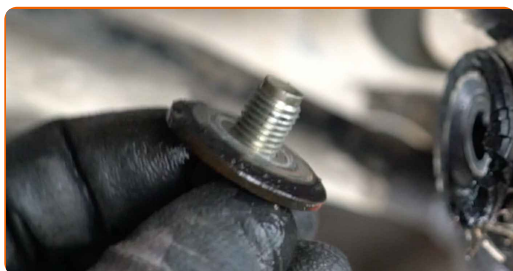
14

Unscrew the lower fastener of the shock absorber. Use a drive socket #14. Use a ratchet wrench.



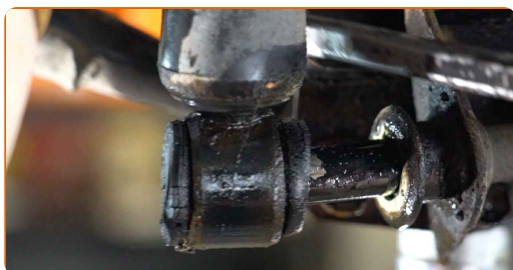
15

Remove the fastening bolt.



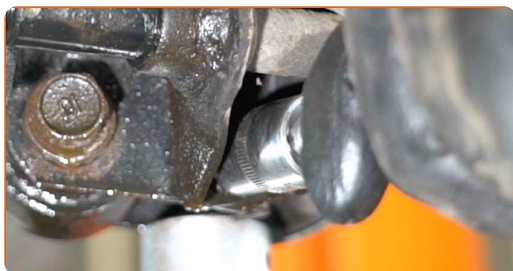
16

Remove the shock absorber. Use a crowbar.



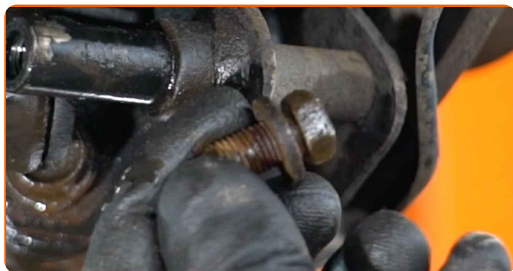
17

Unscrew the fasteners of the bracket that connects the shock absorber to the rear knuckle. Use a drive socket #14. Use a ratchet wrench.



18

Remove the fastening bolts.



19 Remove the bracket.



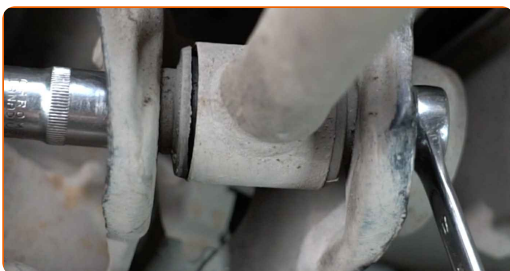
20 Remove the fastening bolt. Use a pin punch. Use a hammer.



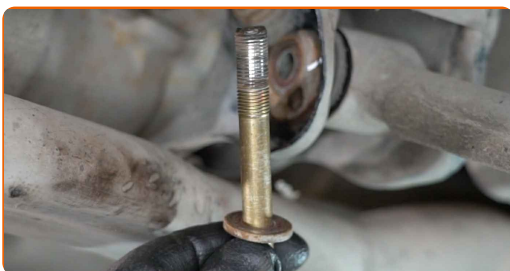
21 Make a mark on the camber adjustment bolt.



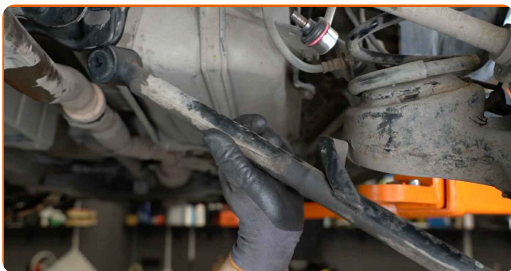
22 Unscrew the fastener connecting the control arm to the subframe. Use a combination spanner #17. Use a drive socket #17. Use a ratchet wrench.



23 Remove the fastening bolt. Use a crowbar.



24 Remove the arm.



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



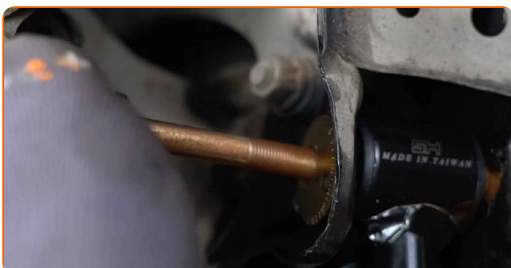
26 Install a new arm.



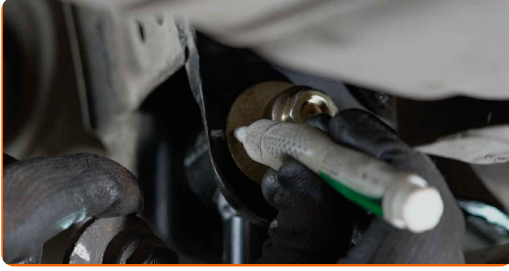
AUTODOC recommends:

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

27 Install the fastening bolt.



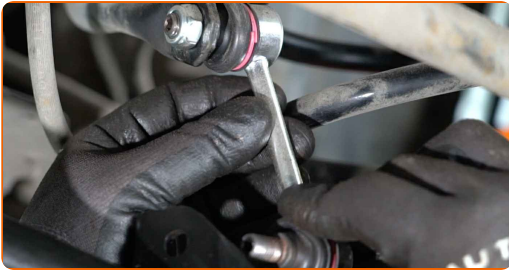
- 28 Adjust the position of the alignment bolt according to the mark.



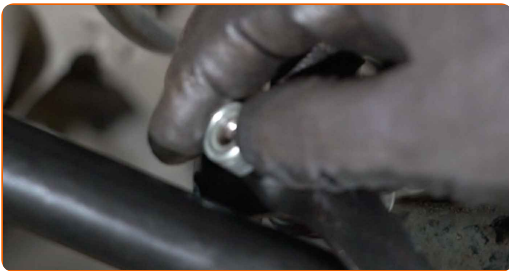
- 29 Install the fastening bolt.



- 30 Install the transverse stabilizer link.



- 31 Screw in the fastener that connects the sway bar link to the suspension arm.



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



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

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

33

Tighten the fastener connecting the suspension arm to the rear knuckle. Use a combination spanner #17. Use a drive socket #17. Use a torque wrench. Tighten it to 113 Nm torque.



34

Tighten the fastener connecting the control arm to the subframe. Use a combination spanner #17. Use a drive socket #17. Use a torque wrench. Tighten it to 113 Nm torque.



35

Remove the support from under the rear knuckle.

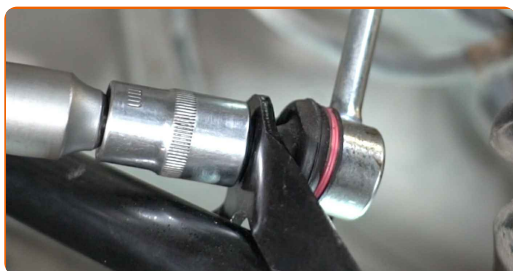


AUTODOC recommends:

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

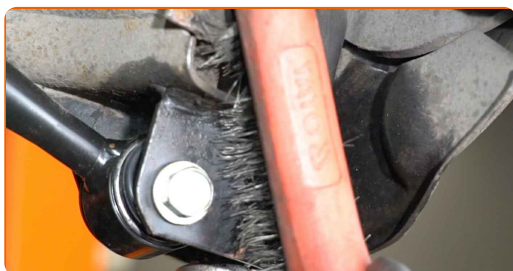
36

Tighten the fastener connecting the sway bar link to the suspension arm. Use a drive socket #17. Use a torque wrench. Tighten it to 44 Nm torque.



37

Clean the mounting seat of the bracket. Use a wire brush. Use WD-40 spray.



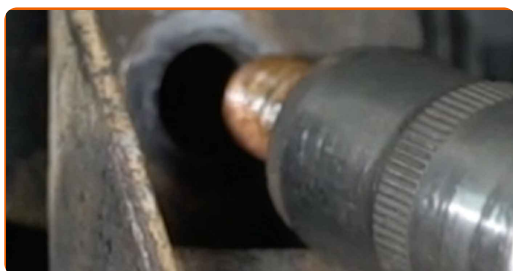
38

Install the bracket.

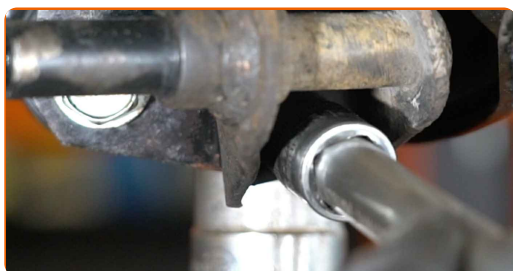


39

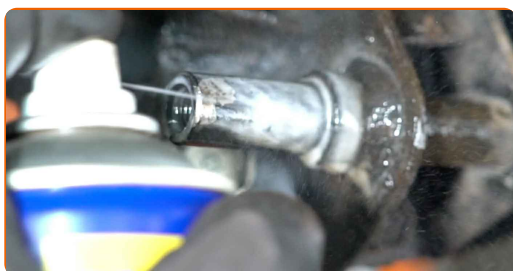
Install the fastening bolts.



- 40** Tighten the fasteners of the bracket that connects the shock absorber to the rear knuckle. Use a drive socket #14. Use a torque wrench. Tighten it to 45 Nm torque.



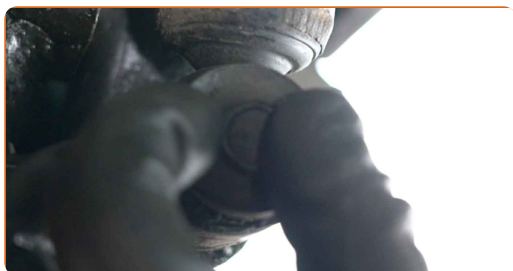
- 41** Clean the shock absorber mounting seats. Use a wire brush. Use WD-40 spray.



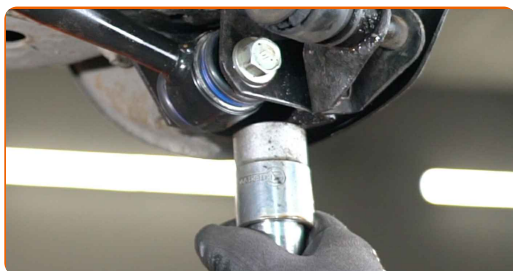
- 42** Install the shock absorber.



- 43** Install the fastening bolt.



- 44** Support the rear knuckle. Use a hydraulic transmission jack.



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

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

45

Tighten the lower fastener of the shock absorber. Use a drive socket #14. Use a torque wrench. Tighten it to 37 Nm torque.



46

Remove the support from under the rear knuckle.

AUTODOC recommends:

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

47

Treat all joints of the arm. Use copper grease.



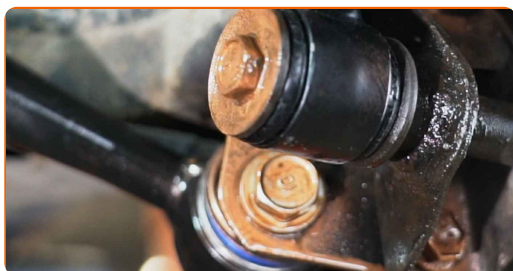
48

Treat the bracket fasteners. Use copper grease.



49

Treat the shock absorber fasteners. Use copper grease.



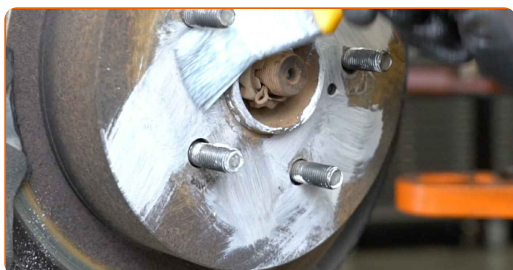
50

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



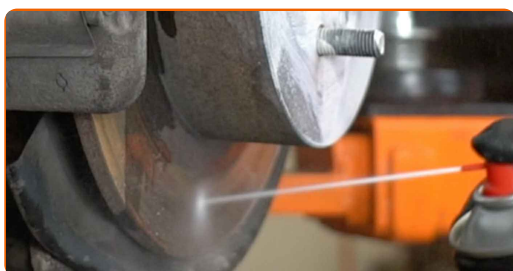
51

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



52

Clean the brake disk surface. Use a brake cleaner.

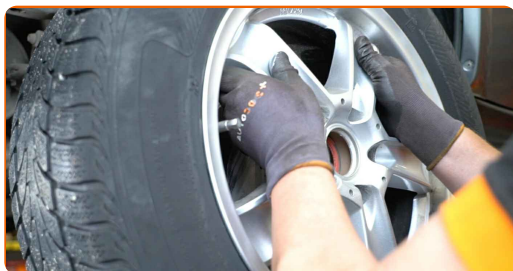


AUTODOC recommends:

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

53

Install the wheel.



AUTODOC recommends:

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

54

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



55

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.



56

Remove the jacks and chocks.



WELL DONE! 

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