



How to change rear
suspension lower control
arm on **Toyota RAV4 III** –
replacement guide

VIDEO TUTORIAL

** Important!**

This replacement procedure can be used for:

TOYOTA RAV4 III Off-Road (XA30) 2.4 4WD (ACR38), TOYOTA RAV4 III Off-Road (XA30) 2.0 4WD (ACA30_), TOYOTA RAV4 III Off-Road (XA30) 2.2 D 4WD (ALA30_), TOYOTA RAV4 III Off-Road (XA30) 3.5 4WD (GSA33), TOYOTA RAV4 III Off-Road (XA30) 2.0 (ZSA35_), TOYOTA RAV4 III Off-Road (XA30) 2.0 4WD (ZSA30_), TOYOTA RAV4 III Off-Road (XA30) 2.2 D (ALA35_), TOYOTA RAV4 III Off-Road (XA30) 2.0, TOYOTA RAV4 III Off-Road (XA30) 2.0 4WD, TOYOTA RAV4 III Off-Road (XA30) 3.5 4WD

The steps may slightly vary depending on the car design.

REPLACEMENT: REAR SUSPENSION LOWER CONTROL ARM – TOYOTA RAV4 III. LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- All-purpose cleaning spray
- Copper grease
- Combination spanner #17
- Combination spanner #27
- Drive socket # 17
- Wheel impact socket #21
- Torque wrench
- Crow bar
- Ball joint puller
- Hydraulic transmission jack
- Wheel chock

BUY TOOLS

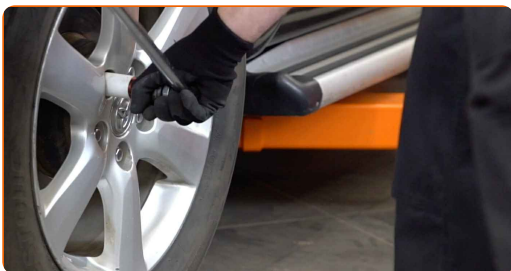
AUTODOC recommends:

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

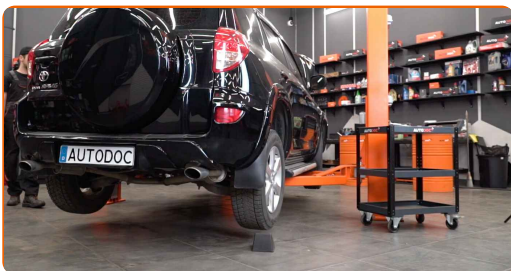
REPLACEMENT: REAR SUSPENSION LOWER CONTROL ARM – TOYOTA RAV4 III. USE THE FOLLOWING PROCEDURE:

1 Secure the wheels with chocks.

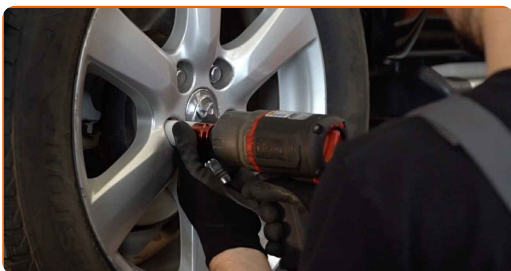
2 Loosen the wheel mounting bolts. Use wheel impact socket #21.



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



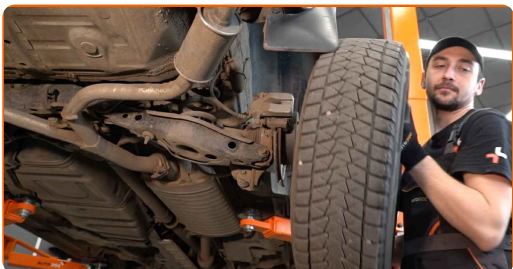
4 Unscrew the wheel bolts.



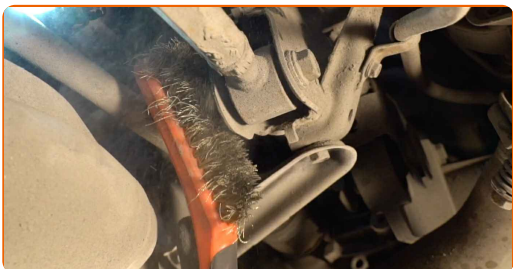
Replacement: rear suspension lower control arm – Toyota RAV4 III. Tip:

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

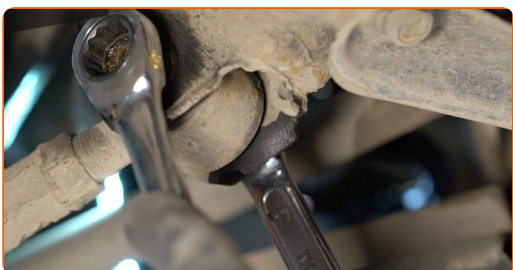
5 Remove the wheel.



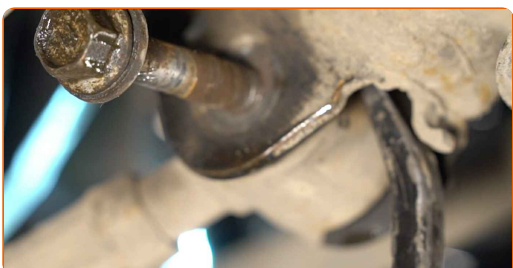
6 Clean all joints of the arm. Use a wire brush. Use WD-40 spray.



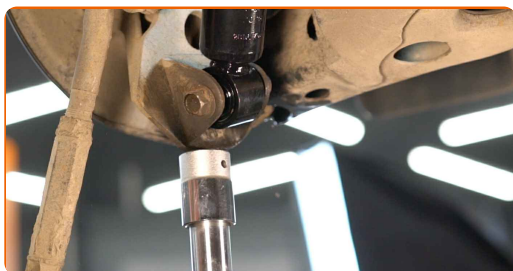
7 Unscrew the arm fastening to the beam. Use a combination spanner #17 (2 pieces).



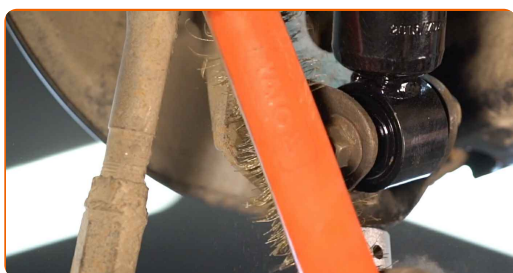
8 Remove the fastening bolt. Use a crowbar.



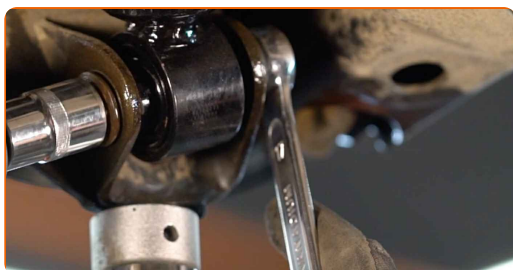
9 Support the stub axle. Use a hydraulic transmission jack.



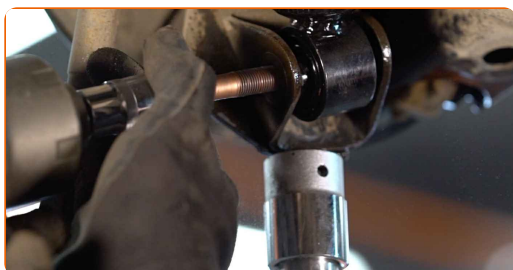
10 Clean the shock absorber fasteners. Use a wire brush. Use WD-40 spray.



11 Unscrew the lower fastener of the shock absorber. Use a drive socket #17. Use a combination spanner #17.



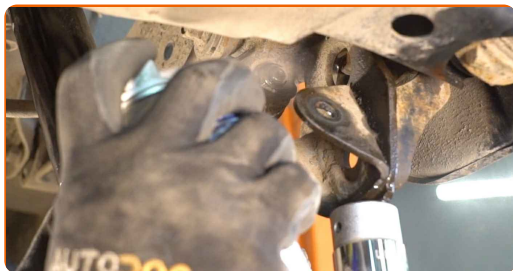
12 Remove the fastening bolt.



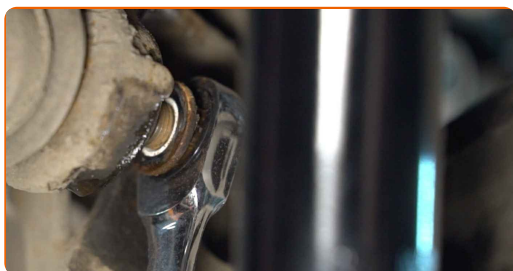
13 Detach the lower part of the shock absorber.



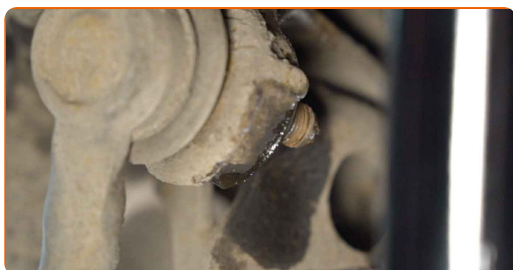
14 Clean all joints of the arm. Use a wire brush. Use WD-40 spray.



15 Unscrew the fastener connecting the control arm to the rear knuckle. Use a combination spanner #17.



16 Remove the fastening nut.



17 Remove the arm. Use a ball joint puller.



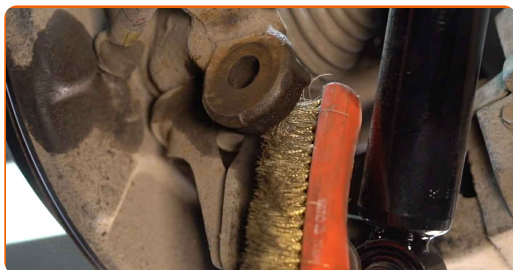
Replacement: rear suspension lower control arm – Toyota RAV4 III. AUTODOC experts recommend:

- Adjust the length of the free portion of the thread on the new suspension arm. The length should be the same as on the old suspension arm. This will prevent wheel misalignment.

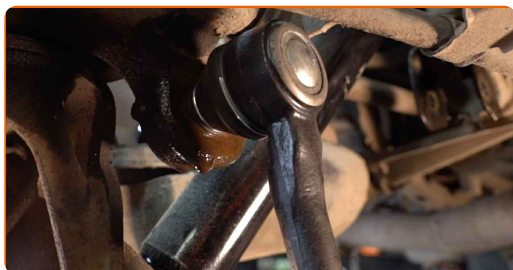
- 18** Tighten the lock nut of the suspension arm. Use a combination spanner #27. Use a torque wrench. Tighten it to 55 nm torque.



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



- 20** Install a new arm.

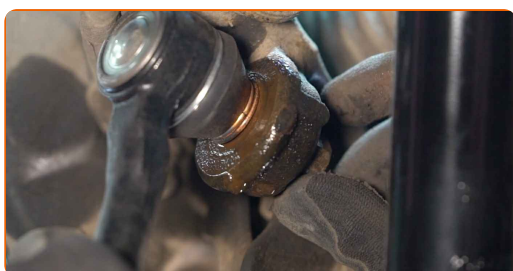


Replacement: rear suspension lower control arm – Toyota RAV4 III. Tip from AUTODOC:

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

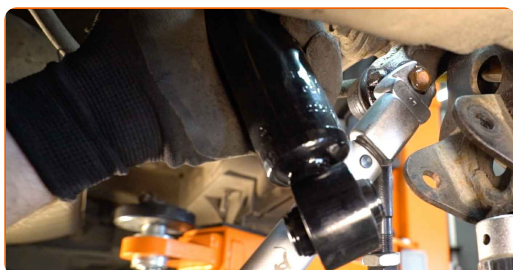
21

Install the fastening nut.



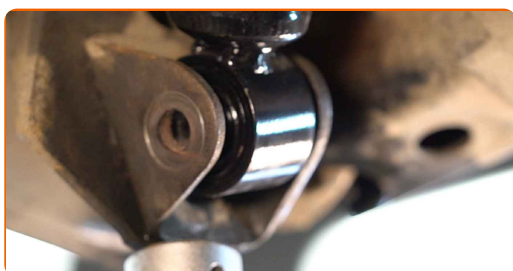
22

Tighten the fastener connecting the suspension arm to the rear knuckle. Use a combination spanner #17. Use a torque wrench. Tighten it to 90 nm torque.

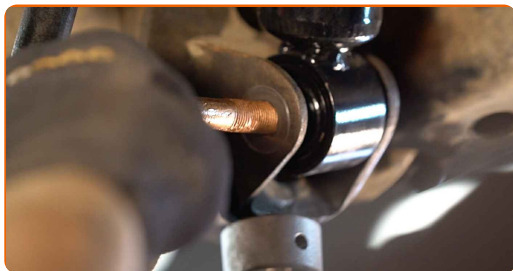


23

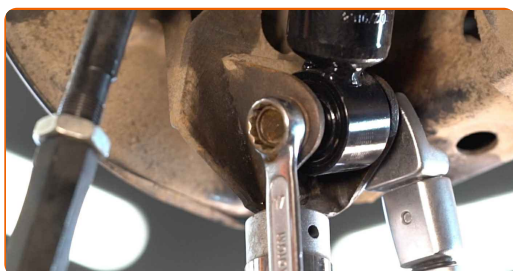
Attach the lower part of the shock absorber.



24 Install the fastening bolt.

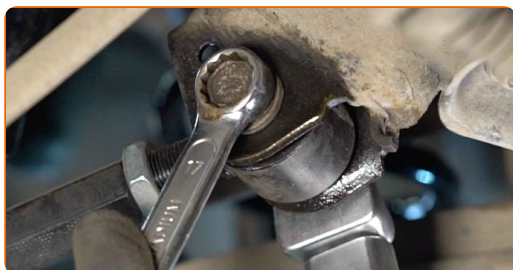


25 Tighten the lower fastener of the shock absorber. Use a combination spanner #17. Use a torque wrench. Tighten it to 80 nm torque. Use a crowbar.

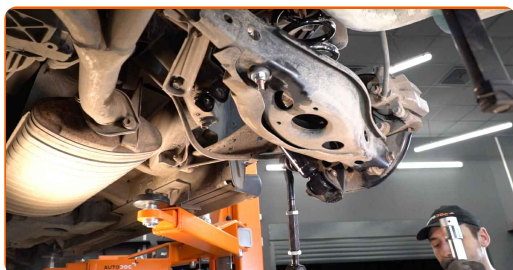


26 Install the fastening bolt.

27 Tighten the arm fastening to the beam. Use a combination spanner #17. Use a torque wrench. Tighten it to 90 nm torque.



28 Remove the support from under the stub axle.

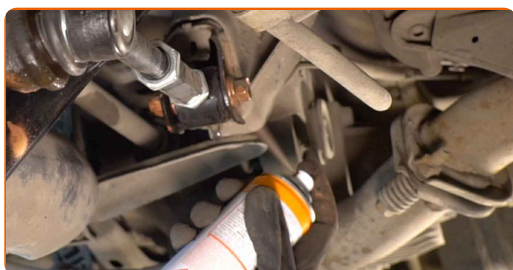


AUTODOC recommends:

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

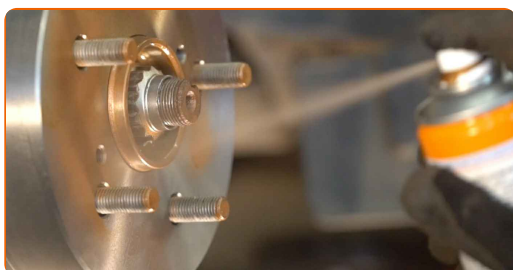
29

Treat all joints of the arm. Use copper grease.



30

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



31

Clean the brake disc surface. Use all-purpose cleaning spray.



32

Install the wheel.

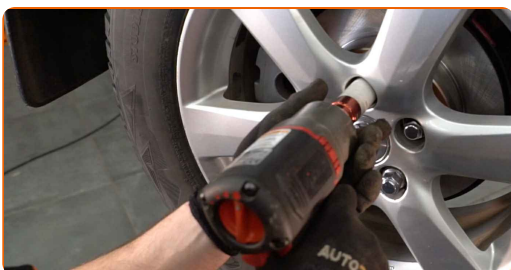


Replacement: rear suspension lower control arm – Toyota RAV4 III.
Professionals recommend:

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

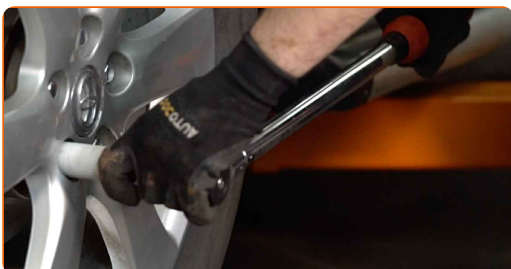
33

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



34

Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 103 nm torque.



35

Remove the jacks and chocks.



WELL DONE! 

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