

LEVELING LIFT KITS

06-18 Toyota RAV4 leveling lift kits installation instructions



The Actual Spacer Thickness not equal to The Actual Lift Height. This kit is not manufactured to be 1:1 ratio in terms of lift amount to spacer thickness, may be the thickness will less than the lift height.

Please note that it is recommended that all kits be installed by a professional shop.

FRONT

1. Raise vehicle on jack stands and remove wheels. Disconnect the ABS and brake hose.

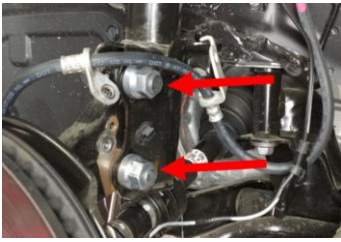
2. Disconnect tie rod end.



3. Remove the sway bar end link from the strut.



4. Remove the lower strut mounting bolts from the spindle. you may need to carefully tap the bolts with a hammer to fully remove them.



5. Remove nuts from upper strut mount. Support weight of strut before removing final nut. Remove strut from vehicle. Be careful to not dislocate the CV shafts from their housings. If this happens, carefully push the CV axle back into the cup. You may have to rotate the hub at the same time.

6. Install the spacer on strut mounts using factory hardware.



7. Reinstall upper strut mounting nuts. Do not tighten fully.

8. Reinstall the strut to knuckle using the factory hardware. Torque to 110 ft-lbs.

9. Install the tie rod end to the knuckle using the factory hardware. Torque to 65 ft-lbs. Line up the cotter pin hole with the slots in the castle nut. Install the cotter pin.

10. Install the ABS and brake line brackets to the knuckle in the same order they were removed using the factory hardware.

11. Install the sway bar bracket to the strut using the provided M12 bolts, washers, and nuts. Install the sway bar end link to the bracket using the factory hardware. Torque all to 45 ft-lbs.



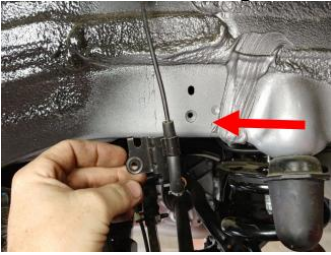
12. Install the wheels and lower the vehicle to the ground. Torque the lug nuts to the wheel manufacturer's specs. Torque the upper strut hardware to 30 ft-lbs. (Step 7)

REAR

1. Jack the rear of the vehicle up and place safety stands under the jack points indicated by the service manual.

2. Remove the rear wheels.

3. Remove the ABS bracket from the frame rail. Let hang out of the way.



4. Support the rear suspension cradle using a suitable jack.



5. Remove the fastener which connecting the stabilizer bar with the control arm.



6. Remove the mounting bolt at the control arm.

7. Carefully lower the control arm and remove the coil spring.



8. Place spacer on top of lower coil bucket.

9. Put coil back into place (forcefully).

10. Install the bolts in the order of removal.

11. Install the ABS drop bracket to the frame using the factory hardware. Install the ABS factory bracket to the drop bracket using the provided bolts, washers, and nuts. Torque to 5 ft-lbs.

12. Install the wheels and lower the vehicle to the ground. Torque the lug nuts to the wheel manufacturer's specs.

In the end, check all hardware is mounted at correct torque settings. Recheck all work. Re-tighten Control Arm mounting bolts. Test drive, then have a trained technician perform an alignment.



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