



Affordable. Reliable. Home Improvement.

**Automobile Chassis Body &
Suspension Lift Kits
Model: LK-436-T**

VEVOR

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This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.

Thank you very much for choosing this digital scale. Weighing scales are precision instruments that should always be handled with care. Please read all of the instructions before using it. The information will help you achieve the best possible results.

It is recommended a certified technician installs this product. In addition to these instructions, professional knowledge of disassembly/reassembly procedures and post-installation checks must be known. Attempting to install this system without this knowledge and expertise may damage the integrity and operational safety of the vehicle. **Due to suspension geometry, spacer thickness does not always equal the advertised lift height.**

SPECIFICATION

Model	LK-436-T
Front maximum lifting height (in)	3
Rear maximum lifting height (in)	2
Suitable vehicle models	Suitable for 2003-2022 Toyota 4Runner 2WD 4WD, 2007-2015 Toyota FJ Cruiser 2WD 4WD. Not suitable for 4Runner 2018+TRD PRO models or any limited edition models with X-REAS hydraulic struts

PACKAGE LIST

No.	Name	Picture	QTY
1	Coil spring gasket		2
2	Bottom pillar gasket		2

3	Bolt: M10*25mm		6
4	Washer: M10		6
5	Spring washer: M10		6
6	Manual		1

Front Leveling Kit Instructions

Bottom Pillar Gasket Installation

Step 1

Raise and support the front of the vehicle using a jack and jack stands. Use a 21mm socket to remove the front wheels from the vehicle.

Step 2

Remove the sway bar end link from the steering knuckle (A) using a 17mm socket.

Step 3

Remove the tie rod end from the knuckle (B) using a 19mm socket after the removal of the cotter pin.

****Note:** A hammer may be necessary to remove the tie rod from the knuckle. Be cautious to not damage the threads on the stud.

Step 4

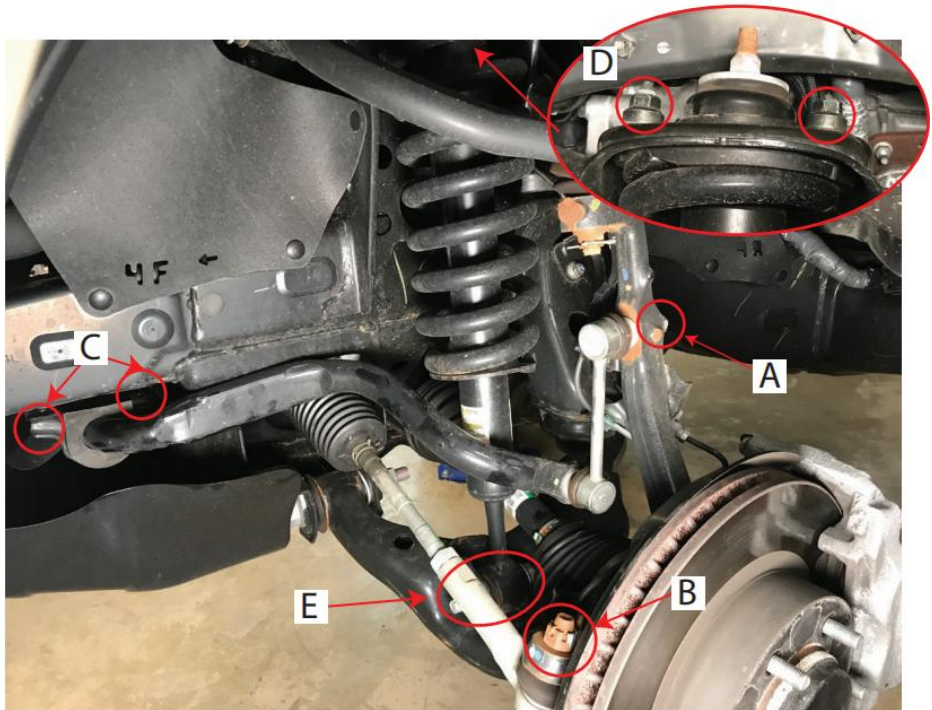
Remove the 14mm sway bar bushing bracket bolts (C) to allow additional space when removing and installing the strut assembly.

Step 5

Remove the (3) 14mm upper strut mounting nuts (D).

Step 6

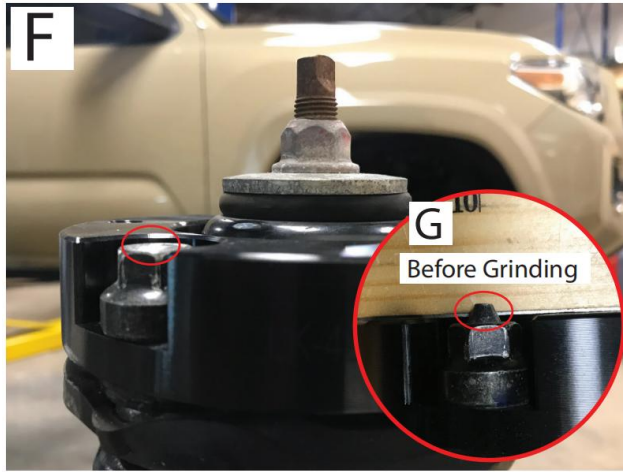
Remove the 19mm lower strut bolt (E). Once removed, pry down on the lower control arm with the pry bar to take the strut out through the bottom first. The strut will slide downwards once removed from the mounts.



Step 7

Once removed, install the spacer onto the strut assembly temporarily. The tapered edge of the factory strut mount stud sitting above the surface of spacers (G) will have to be ground off in order to install assembly on the vehicle. Remove the spacer from the strut, and using an angle grinder, remove the tapered edge of the studs so the spacer will sit higher than the studs for proper installation (F).

****Note:** Grinding will not be required for all leveling kits.



Step 8

Once studs have been ground down, install strut spacer onto the strut, torquing nuts to 47 ft/lbs.

Step 9

Re-install strut onto vehicle (H). Using the pry bar, pry downwards on the lower control arm to gain clearance for the strut. Once the strut is in place, install the (3) 16mm included bolts, lock washers, and washers into mounting holes and tighten to 47ft/lbs. Re-install original suspension components in reverse order to factory torque specification.



****4 Wheel Alignment is highly recommended after completion to prevent premature tire wear****

Rear Leveling Kit Instructions

Rear Coil Spring Spacer Installation:

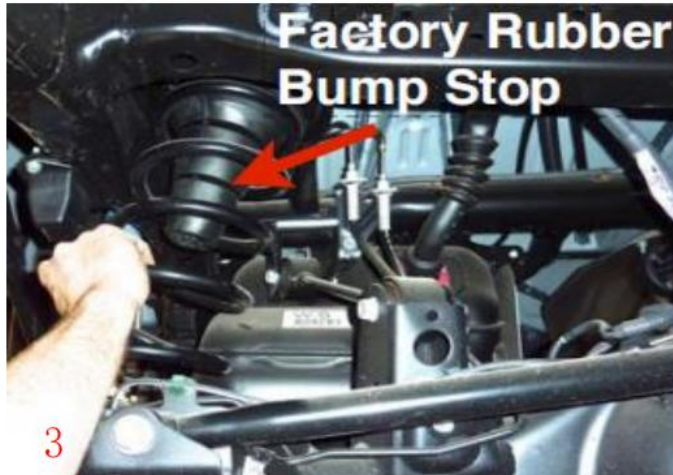
1. Place a floor jack under the center of the rear axle assembly and raise the rear of the vehicle. Place safety stands under a solid, horizontal part of the frame just ahead of the rear wheels. Then, carefully lower the vehicle.
2. Remove both Rear Tires.
3. Support the center of the rear axle assembly with a floor jack (or an under-hoist safety stand) and raise the rear axle assembly slightly.
4. Disconnect the sway bar from both sides of the rear axle assembly by removing the (4) 17 mm bolts (2 on each side). See Fig. 1.



5. Remove the lower shock mounting bolts on both rear shocks using a 19 mm socket. Then disconnect the shock from the rear axle assembly. See Fig. 2.



6. Lower the axle by releasing the floor jack (or under-hoist jack stand) and carefully remove the coil springs one side at a time. **Note: Keep the factory rubber bump stops, located on top of the springs, together with the springs.** See Fig. 3.



7. Install the supplied coil spring spacers on the top of the factory rubber bump stop with the tapered side up. See Fig. 4.



8. Install the coil springs back in their original position. Install the topside first.
9. Using a pry bar, pry the bottom of the spring back into its original location. Be careful not to damage ABS wires, or brake lines. **Note: We found it helpful to lift UP on the opposite end of the rear axle assembly with an under-hoist jack stand. A floor jack could be used for the same purpose.**
10. Be sure the bottom of the coil spring is seated in the spring mount. If it is not seated properly, rotate the spring until it is. See Fig. 5.



11. Using the floor jack (or under-hoist Jack stand), lift the rear axle assembly. Then reconnect both rear shocks to the axle. Torque the bolts to 72 Ft. Lbs.

12. With the rear axle assembly still lifted, reposition the sway bar and install the attaching bolts on both sides of the rear axle assembly. Torque the bolts to 22 ft-lbs.
13. Using a pair of slip-joint pliers, bend the park brake cable brackets in-line with the cable.
14. Recheck all the work done on the rear suspension. Be sure all fasteners have been torqued to specification, and wiring, cables and hoses are properly routed and secured.
15. Install the rear tires and torque to specification. Factory wheel lug nut torque is 83 ft. Lbs.
16. Using a floor jack, raise the rear of the vehicle by lifting on the center of the rear axle assembly. Remove the jack stands and lower the vehicle to the floor. We strongly recommend having your vehicle professionally aligned as soon as possible.

****4 Wheel Alignment is highly recommended after completion to prevent premature tire wear****

Manufacturer: Shanghaimuxinmuyeyouxiangongsi
Address: Shuangchenglu 803nong11hao1602A-1609shi, baoshanqu, shanghai 200000 CN.
Imported to AUS: SIHAO PTY LTD. 1 ROKEVA STREETEASTWOOD NSW 2122 Australia
Imported to USA: Sanven Technology Ltd. Suite 250, 9166 Anaheim Place, Rancho Cucamonga, CA 91730

UK	REP	YH CONSULTING LIMITED. C/O YH Consulting Limited Office 147, Centurion House, London Road, Staines-upon-Thames, Surrey, TW18 4AX
EC	REP	E-CrossStu GmbH Mainzer Landstr.69, 60329 Frankfurt am Main.

