Rough Country 740.23 Installation Instructions

2.5-Inch Lift Kit with N3 Struts for 1995-2004 Toyota Tacoma

Part number: 740.23

trailfortress.com/rough-country-2-5-inch-lift-kit-740-23

Scan for fitment, price and install help

92740200

1740BAG2

1995.5– 2004 2WD PRERUNNER /4WD TACOMA 2.5”FR 1.5” REAR

Thank you for choosing Rough Country for all your suspension needs.

Rough Country recommends a certified technician install this system. In addition to these instructions, professional knowledge of disassemble/reassembly procedures as well as post installation checks must be known. Attempts to install this system without this knowledge and expertise may jeopardize the integrity and/or operating safety of the vehicle.

Please read instructions before beginning installation. Check the kit hardware against the parts list. Be sure you have all needed parts and know where they go. Also please review tools needed list and make sure you have needed tools.

PRODUCT USE INFORMATION

⚠WARNING As a general rule, the taller a vehicle is, the easier it will roll. Seat belts and shoulder harnesses should be worn at all times. Avoid situations where a side rollover may occur. Generally, braking performance and capability are decreased when larger/heavier tires and wheels are used. Take this into consideration while driving. Do not add, alter, or fabricate any factory or after-market parts to increase vehicle height over the intended height of the Rough Country product purchased. Mixing component brands is not recommended.

Rough Country makes no claims regarding lifting devices and excludes any and all implied claims. We will not be responsible for any product that is altered.

We will be happy to answer any questions concerning the design, function, and correct use of our products.

This suspension system was developed using a Maximum tire size of 31X10.50X15 tire with stock back spacing wheels. **Note** if wider tires are used, offset wheels will be required and trimming will be required.

Important Note:Exhaust modification will be required to clearance rear leaf spring.

⚠NOTICE **NOTICE TO DEALER AND VEHICLE OWNER**

Any vehicle equipped with any Rough Country product should have a “Warning to Driver” decal installed on the inside of the windshield or on the vehicle’s dash. The decal should act as a constant reminder for whoever is operating the vehicle of its unique handling characteristics.

INSTALLING DEALER - it is your responsibility to install the warning decal and forward these installation instructions on to the vehicle owner for review. These instructions should be kept in the vehicle for its service life.

Tools Needed

10mm Wrench	Jack
14mm Wrench	Jack Stand
17mm Wrench	13/32” Drill Bit
17mm Socket	Drill
18mm Wrench	
18mm Socket	
19mm Wrench	
19mm Deep Well Socket	
21mm Socket	
21mm Wrench	
7/16” Wrench	
9/16” Wrench	
9/16” Socket	
7/8” Wrench	
13/16” Socket	

Torque Specs

Size	Grade 5	Grade 8
5/16”	15 ft/lbs	20 ft/lbs
3/8”	30 ft/lbs	35 ft/lbs
7/16”	45 ft/lbs	60 ft/lbs
1/2”	65 ft/lbs	90 ft/lbs
9/16”	95 ft/lbs	130 ft/lbs
5/8”	135 ft/lbs	175 ft/lbs
3/4”	185 ft/lbs	280 ft/lbs

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Parts List

740.20	
Qty	**Description**
4	Tacoma Rear Shackle Plates
2	Tacoma Strut Extension
2	Rear Shocks w/ mounting hardware

1740BAG1	
Qty	**Description**
4	14mm X 110MM Bolts
4	14mm Lock nut
2	18mm x 140mm Bolt
2	18mm Lock nut
2	Shackle Sleeves

Front Installation Instructions

1. Prior to installing this kit, with the vehicle on the ground, measure the heights of your vehicle. This measurement can be recorded from the center of the wheel straight up to the top of the inner fender lip. Record the measurements. LF:_____ ,RF:_____, LR:_____, RR:_____
2. Place vehicle in park. Raise the front of the vehicle with a jack and secure a jack stand beneath each frame rail, behind the front trailing arms. Ease the frame down onto the stands, place transmission in low gear or park, and chock tires.
3. Remove the front tires/wheels.
4. Disconnect the sway bar end links. Retain for reuse.
5. Remove the nut and the cotter pin on the upper ball joint and separate the upper ball joint from the spindle, using the ball joint separator. Save factory hardware for reuse.
6. Remove the upper strut nuts on the strut tower (3) that holds the strut assembly to the frame mount. Save hardware for reuse.
7. Remove the lower strut bolt from the lower control arm and save hardware for reuse. Remove the strut assembly from the vehicle. Note the direction of the bolt for reinstallation.
8. Place the new spacer on the strut . Install the stock hardware to secure the spacer to the strut using a 14mm socket. **See Photo 2.**

⚠ NOTICE **Factory hardware must be used to secure aluminum spacer to strut.**



10. Install the strut assembly into the strut tower and secure to the factory location using the supplied 10mm nuts and washers. Make sure the bottom of the strut is aligned with the factory mount. Strut will need to be rotated 180° from factory position.
11. Install the lower strut bolt in the order that it was removed as shown in **Photo 2.**
12. Using the floor jack, raise the lower control arm and connect the upper ball joint on the upper control arm to the spindle. Tighten the ball joint nut per manufacturer specifications and install the cotter pin.
13. Repeat steps 4-12 on the opposite side of the vehicle.
14. Reconnect the sway bar end links in stock location.
15. Install the front wheels / tires
16. Jack up the vehicle to release the jack stands and re move the stands. Lower the vehicle to the ground and tighten the upper strut tower nuts. 3 on each side
17. Recheck all bolts to make sure they are torque properly.



Rear Shackle Installation Instructions

1. Block front tires and lift the rear of the vehicle until the wheels clear the ground approximately 3". Place jack stands under the frame rails behind the spring mount. Lower the vehicle onto jack stands while axle is supported by floor jack.
2. Remove the factory shock absorbers, retain stock hardware.
3. Carefully remove the upper and lower spring shackle hardware and remove the left and right shackle plates. At this time the rear of the spring should be free.
4. Cutting the exhaust will be required to clearance rear leaf spring. Modification will be performed after the lift is installed and the vehicle is on the ground.
5. After cutting the exhaust, carefully lower the axle to allow the installation of the longer shackle.
6. Install the new shackle onto the frame with supplied bolts and hardware. With the floor jack under the axle lift up the axle and spring to meet the shackle. **See Photo 1.**





7. Install the supplied sleeve as shown in **Photo 2** and secure with supplied 14mm x 110mm bolt & nut. Tighten center bolt but do not tighten the spring hardware or frame hardware at this time.
8. Install the new shock absorbers #658703 into the factory location using the factory hardware and tighten.
9. Install the wheels / tires on the vehicle.
10. Remove the jack stands and lower the vehicle to the ground.
11. Complete exhaust modification / rerouting.

Post Installation

1. Check all fasteners for proper torque. Check to ensure there is adequate clearance between all rotating, mobile, fixed and heated members. Check steering for interference and proper working order. Test brake system.
2. Perform steering sweep. The distance between the tire sidewall and the brake hose must be checked closely. Cycle the steering from full turn to full turn to check for clearance. Failure to perform inspections may result in component failure.
3. Re torque all fasteners after 500 miles. Visually inspect components and retorque fasteners during routine vehicle service.
4. Readjust headlights to proper settings.
5. Have a qualified alignment center realign the front end, to the factory specifications.
6. Be sure to safely modify the exhaust.

KIT CONTENTS



Optional replacement strut part #G53477 available. Call your local dealer for more information.

Thank you for choosing Rough Country for all your suspension needs.

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