



**INSTALLATION INSTRUCTIONS FOR 1996-2002  
TOYOTA 4RUNNER  
3" SUSPENSION LIFT KIT  
PART NUMBER 430**

**WARNING!!! READ AND UNDERSTAND ALL INSTRUCTIONS BEFORE PROCEEDING. MAKE SURE THAT YOU HAVE ALL TOOLS AND PARTS BEFORE BEGINNING THE INSTALLATION.**

**SPECIAL TOOLS REQUIRED:**

"HOOK" TYPE SPRING COMPRESSOR (FOR REAR)  
FACTORY CERTIFIED SPRING COMPRESSOR

**REVTEK SUSPENSION RECOMMENDS THAT RED LOCTITE BE USED ON ALL FASTENERS UNLESS OTHERWISE NOTED. IT IS ALSO RECOMMENDED TO HAVE THE FRONT END ALIGNMENT CHECKED AFTER INSTALLATION.**

**KIT CONTENTS INCLUDE**

- INSTRUCTIONS INCLUDING PARTS LIST
- PRODUCT SAFETY LABEL (ORANGE)
- WINDOW DECAL
- WARRANTY

**PARTS LIST INCLUDED IN KIT**

| <u>FRONT</u>                         | <u>QTY.</u> |
|--------------------------------------|-------------|
| PRELOAD SPACER                       | 2           |
| TOP OUT EXTENDER                     | 2           |
| 10MM X 1.25MM STUD                   | 6           |
| <br>                                 |             |
| <u>REAR</u>                          |             |
| LIFT SPACER                          | 2           |
| <br>                                 |             |
| <u>DIFFERENTIAL SPACER KIT</u>       |             |
| DIFFERENTIAL DROP SPACERS            | 2           |
| 1/2 - 13 X 8 GRADE 5 HEX BOLT (ZINC) | 2           |
| 1/2 - 13 NYLOCK NUT (ZINC)           | 2           |
| M8 X 1.25 X 35MM HEX BOLT (ZINC)     | 2           |
| M8 FLAT WASHERS (ZINC)               | 2           |

**TORQUE SPECIFICATIONS**

|                |         |
|----------------|---------|
| 10MM FASTENERS | 30 LBS. |
| 12MM FASTENERS | 55 LBS. |
| LUG NUTS       | 75 LBS. |

**PRODUCT SAFETY LABEL MUST BE INSTALLED INSIDE CAB IN PLAIN VIEW OF ALL OCCUPANTS.**

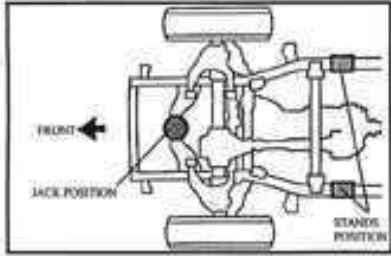


Fig. A



Fig. B



Fig. C



Fig. D



Fig. E



Fig. F



Fig. G



Fig. H



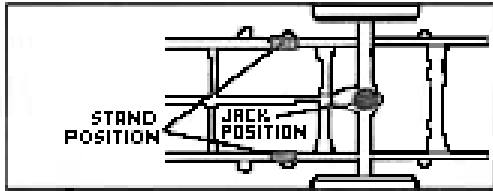
Fig. R

## **FRONT OF 4RUNNER**

1. Park vehicle on level concrete surface.
2. Center and lock the steering wheel.
3. Block the rear wheels of the vehicle to prevent vehicle from moving in either direction.
4. Jack up the vehicle from the lift point in Figure "A."
5. Support the vehicle with jack stands from the points in Figure "A."
6. Remove the front wheels.
7. Remove the nut (14mm) and the hardware from the anti-sway bar. See Figure "B."
8. Remove the nut (19mm) and bolt (14mm) from the bottom of the strut. See Figure "C."
9. Remove the three nuts (14mm) from the top of the strut. See Figure "D."
10. Remove the strut from the vehicle.

**NOTE: AT THIS TIME, IF YOU DO NOT HAVE A SUITABLE SPRING COMPRESSOR, IT IS HIGHLY ADVISED TO TAKE THE STRUT TO A QUALIFIED SERVICE CENTER.**

11. Compress strut assembly and remove the nut (17mm) on the top of the strut shaft in Figure "E."
12. Release the compressor.
13. Remove the spring top plate from the strut.
14. Remove and discard the rubber spacer.
15. Remove (hammer) the studs from the spring top plate. See Figure "F."
16. Install (hammer) the LONGER STUDS (10MM) (provided) in the spring top plate. See Figure "G."
17. Install the PRELOAD SPACER between the spring and the spring top plate with the small diameter facing toward the spring. See Figure "H."
18. Compress the strut assembly, making sure you center the strut shaft through the spring top plate hole and that the STUDS line up with the PRELOAD SPACER reliefs. Replace nut on the top of the strut shaft and torque to spec. (Figure "E"). (Torque specs can be found on page 1.)
19. Install the TOP OUT EXTENDER over the STUDS (Figure "H").
20. Reinstall the strut by reversing the removal procedure; torque to spec. (Torque specs on page 1.)
21. When properly installed, PRELOAD SPACER relief and Revtek Industries logo should face outward. (Figure R)
22. Reinstall hardware and nut on anti-sway bar; torque to spec.
23. Replace the wheels; torque to spec.



**Fig. I**

## **REAR OF 4RUNNER**

1. Place vehicle on level concrete surface.
2. Block front wheels to prevent vehicle from moving in either direction.
3. Make sure parking brake is on.
4. Lift the truck from the center of the rear differential housing, leaving the jack in place to support the differential.
5. Support the vehicle with jack stands from the points indicated in Figure "I."
6. Remove rear wheels.
7. Carefully lower the floor jack, until suspension is fully dropped down.
8. Compress rear coil spring with "hook" type compressor.
9. Place lift spacer between the rubber bottoming cone and the rear coil spring with the spacer center locating flange facing downward.
10. Release the spring compressor allowing the coil spring to expand, making sure that the spacer, the bottoming cone, and the spring are properly positioned.
11. Replace the wheels, torque to spec.

## **DIFFERENTIAL DROP SPACER KIT**

**(MANDATORY ON ALL 4-CYLINDER VEHICLES FOR 2001 – 2002)**

1. Remove both skid plates under the front of the vehicle. Save the OEM bolts (total of nine (9) 12mm bolts).
2. Remove factory 19mm x 7" long bolts and nuts, supporting the front differential. (See Figure 1). Save the OEM washers for step 3.
3. Install Revtek spacers RTDDS-1 between the two front differential supports and front cross-member. Fasten to cross-member using new ½ x 8" long bolts and nuts (making sure to reuse the factory washers). (See Figure 2.)
4. Install the FRONT skid plate using three (3) OEM bolts on the front and two (2) new M8 x 35mm bolts in the rear. DO NOT TIGHTEN YET.
5. To install the REAR skid plate, elongate the rear mounting holes with a file for fitment. Once holes are elongated, mount rear skid plate with OEM 12mm bolts.
6. Torque all skid plate bolts to specs.



**Figure 1**



**Figure 2**

## **Important Installation Notes:**

- Manufacturing tolerances do create certain variations that we cannot fully account for. At times you may need to use a punch, or pry bar to get holes to line up. Also you may need to slightly enlarge a hole to create a proper alignment. These are all normal situations.
- Altering your suspension may change the way your vehicle handles. Care must be taken to operate your vehicle safely.
- Adding large wheels and tires, will change how your suspension operates. It may put extra strain on certain components causing them to wear sooner than normal.
- While every effort is made to design our kits to work within factory geometry, there are situations where additional alignment tools like adjustable or replacement components may be needed. This is normal.
- It is possible when changing the driveline angles that a vibration may occur, and require an adjustment to repair this situation.
- Other modifications may be needed due to optional equipment on the vehicle or other prior modifications that have been made.
- All fasteners should be checked and retightened after 500 miles. After the initial recheck, they should be checked and tightened as needed with every following service.
- Once the installation is complete a thorough road test should be performed to verify proper clearance of all items.
- Revtek Suspension kits are designed for race applications.
- Altering the suspension on your vehicle may change the characteristics of some systems such as: fuel economy, transmission shift points, etc.
- While Revtek systems are designed to work within all factory specifications and tolerances, there are some situations where exceeding the capability of the vehicle such as load capacity or speed will result in some undesirable results. If you overload your vehicle it will not handle correctly. If you drive or turn with excessive speed your vehicle will handle differently and some onboard vehicle systems may detect this and take appropriate action.
- Our tire and wheel fitments are only a guideline. Different production times or tolerances will vary and this sizes should only be used as a starting point. Each vehicle is different and will need to be treated as such.
- Our lift heights can vary slightly based on manufacturing tolerances. Some vehicles will exhibit slightly different amounts of lift heights and different final heights. Every vehicle is not identical and every vehicle will not be perfectly the same at all four corners.
- Once your vehicle is lifted components may wear faster, this is normal. A lifted vehicle is exerting more stress on most components and therefor causing them to wear faster.
- After altering the height of your vehicle, you should aim the headlights for proper coverage.
- The use of Loctite on fasteners is highly recommended.



## **Limited Lifetime Warranty**

Revtek Suspension products are warranted to be free from material and workmanship defects for as long as the original retail purchaser owns the vehicle upon which such products were originally installed (proof of purchase required). The consumer will be responsible for removing from the vehicle and returning any defective item, freight prepaid, and for reinstallation. This warranty is non-transferable. Revtek Suspension's limit of liability under this warranty is to repair or replace the product at Revtek Suspension's option. Consequential costs such as, but not limited to labor fees, loss of use, loss of time or freight charges are not covered. Any product that has been abused, altered incorrectly installed, or used in competition is not covered. Product finish is excluded from this warranty. Items that are subject to wear are not considered defective when worn and are not covered. The warranty is void if the "Warning to Driver" decal is not properly displayed on the vehicle. No other warranties are expressed or implied. We reserve the right to make changes in design, materials, and specifications without prior notice.

This warranty gives you specific legal rights and you may also have other rights which may vary from state to state. Some states do not allow limitations on how long an implied warranty lasts or allow the exclusion or limitation of incidental or consequential damages, the above limitation or exclusion may not apply to you.

Other than stated above, there are no warranties.

### **SELLER DISCLAIMS ANY IMPLIED WARRANTY OF MERCHANTABILITY**

### **SELLER DISCLAIMS ANY IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE**

This warranty to be free from material and workmanship defects shall not apply to any product which has been improperly installed modified or customized and does not apply to any components used for racing purposes or racing type activities.

To make a claim under this warranty to be free from material and workmanship defects, contact Revtek Suspension about the problem prior to removing any parts from the vehicle. If it appears that the part is warrantable, you will be given a Return Authorization (RA) number and asked to return the part freight prepaid. If the part is found to be warrantable, it will be repaired or replaced and returned to you. All freight charges are the customer's responsibility. If a replacement part is needed before the part in question can be returned, you must first purchase the replacement part. Then if the part in question is deemed warrantable, you will be credited / refunded.

Shocks and bushings are considered to be wear items. As such, they will be covered for a period of 12 months from the original installation. Any failure outside of 12 months will be considered typical wear.

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