



**INSTALLATION INSTRUCTIONS FOR 2005-2014
NISSAN FRONTIER 4 X 4
2 1/2" SUSPENSION LIFT KIT
PART NUMBER 835**

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

SPECIAL TOOLS REQUIRED:
SPRING COMPRESSOR FOR FRONT

REVTEK SUSPENSION RECOMMENDS USING RED LOCTITE ON ALL FASTENERS UNLESS OTHERWISE NOTED. ALSO RECOMMENDED IS HAVING 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 SPACERS	2
TOP OUT EXTENDERS	2
10MM X 1.25MM STUDS	6
FLAT WASHERS	2

<u>REAR</u>	
REAR BLOCKS	2
BRAKELINE SPACERS	2
M8 X 50MM HEX HEAD BOLTS	2
U BOLTS	4
U BOLT NUTS	8
U BOLT WASHERS	8

TORQUE SPECIFICATIONS

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

FRONT OF FRONTIER

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 sway bar end links from sway bar using 17mm socket (both sides). See Figure B.
8. Using 19mm socket, remove lower bolt and nut from the bottom of the strut (both sides). See Figure C.
9. Remove the three nuts (14mm) from the top of the strut. See Figure D.
10. Remove the struts from the vehicle, making sure that they are marked driver and passenger side respectively for reinstallation.
11. Mark the top plate and the spring so that you know exactly how the spring assembly is to be re-installed. See Figure E

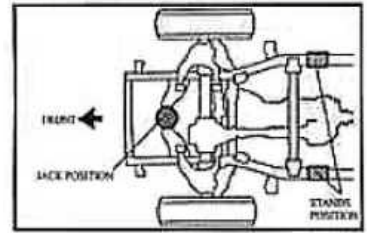


Fig. A



FIG.B



FIG.C

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.

12. Compress strut assembly and remove the nut (17mm) on the top of the strut shaft.
13. Release the compressor.
14. Remove the spring top plate from the strut.
15. Remove the rubber isolator and cut the center out so the center can be reused. See Figure F

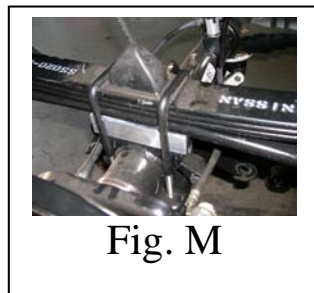
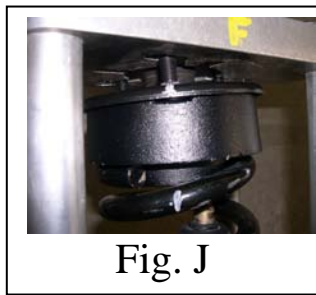
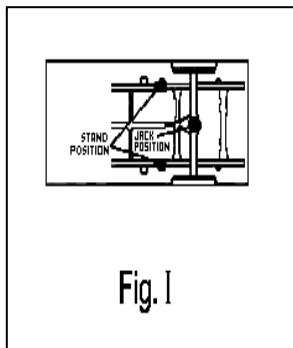
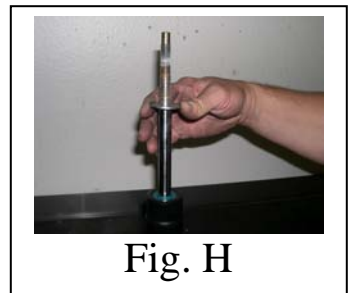
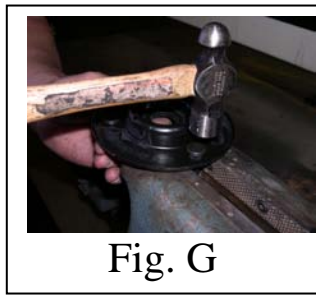
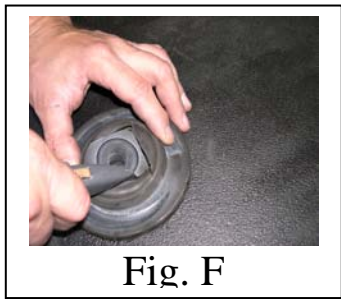
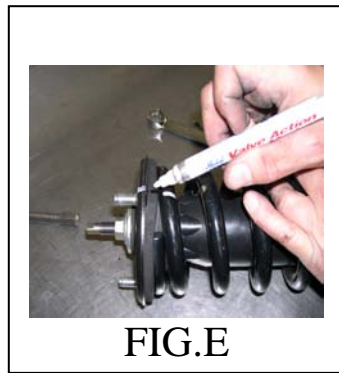
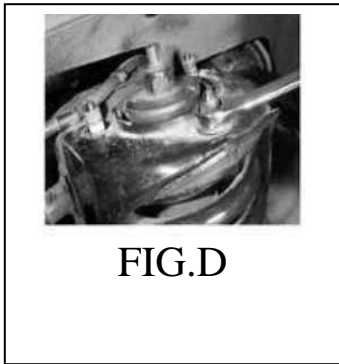
FRONT OF FRONTIER (continued)

16. Remove (hammer) the studs from the spring top plate. See Figure G
17. Install (hammer) the LONGER STUDS (10MM) (provided) in the spring top plate. See Figure G
18. Remove and discard factory dust shield on strut then install the new 12mm flat washer onto the shock shaft and then install the (cut out) rubber center on top of the washer. See Figure H
19. Install the PRELOAD SPACER between the spring and the spring top plate with the small diameter facing toward the spring and the Revtek Industries logo facing outward. See Figure J
20. 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. (Torque specs can be found on page 1.)
21. Install the TOP OUT EXTENDER over the STUDS (Figure K).
22. Reinstall the strut by reversing the removal procedure; torque to spec. (Torque specs on page 1.)
23. When properly installed, Revtek Industries logo will be centered between preload spacer reliefs.
24. Reinstall sway bar end links into sway bar. Torque to spec.

SPECIAL NOTE: YOU WILL NEED TO ADJUST THE HEADLIGHTS AFTER THE ENTIRE KIT IS INSTALLED AND ALIGN THE FRONT END!!!

REAR OF FRONTIER

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 off.
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. Remove the two (2) brake line brackets. (Figure L
8. Install the spacers under the brake line brackets in order to raise them up. (Figure L
9. Remove the lower bolt on shocks to allow the differential to drop. **Do not** remove upper bolt on shocks.
10. Remove the U-bolts using 18mm socket. (Do one side at a time)
11. Remove lower u-bolt spring plate and re-drill existing u-bolt holes in plate to ½" diameter for new larger u-bolts supplied in kit. (Do one side at a time.)
12. Carefully lower the floor jack, creating just enough room to place the LIFT BLOCK between the spring pad and the spring pack with the locating pin facing down. Make sure that the small end of taper of the BLOCK faces toward the front of the vehicle. (Figure M)
13. Raise the floor jack slightly, with just enough tension to hold the spring, BLOCK, and differential housing together.
14. Put in the new U-BOLTS, WASHERS AND NUTS supplied in the kit (Figure M); torque to spec.
15. Replace the bolt on the rear shocks.
16. Replace the wheels; torque to spec.





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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