

INSTALLATION INSTRUCTIONS



TACOMA REAR 2" ADD-A-LEAF LIFT KIT

300826-1-KIT (NO SHOCKS) (1995-2004 TACOMA PRERUNNER/4WD)

300832-1-KIT (W/SHOCKS) (1995-2004 TACOMA PRERUNNER/4WD)

KIT CONTENTS



Pictured Above: 300826-1-KIT

Pictured Below: 300832-1-KIT





RECOMMENDED TOOLS

Ratchet & Socket Set
Torque Wrench
Combination Wrench Set
Jack Stands
Floor Jack
Vise Grips
Large C-Clamps
Hacksaw

CAUTION

1. Read all instructions completely and carefully before you begin. If anything is not clear, please call our tech support line at 1.877.4X4.TOYS or 559.252.4950 before proceeding.
2. Check to make sure the kit is complete and that no parts are missing (refer to the Kit Contents Section on the first page of these instructions). If anything is missing, please contact Trail-Gear at 1.877.4X4.TOYS or 559.252.4950.
3. Park vehicle on a clean, dry, flat, level surface and block the tires so the vehicle cannot roll in either direction.
4. This kit is for off-road use only. It is recommended that the installation steps below be performed by a competent mechanic. Installation of this kit may change the handling characteristics of your vehicle. Buyers and users of this product hereby expressly assume all risks associated with the installation and use of this kit.

INSTALLATION INSTRUCTIONS



TACOMA REAR 2" ADD-A-LEAF

STEP 1

Park the vehicle on a hard, level surface. Place the vehicle securely on jack stands, with the front tires chocked. The jack stands should be placed directly under the frame, and must be high enough to lift the rear wheels off the ground.

STEP 2

Remove both rear wheels.

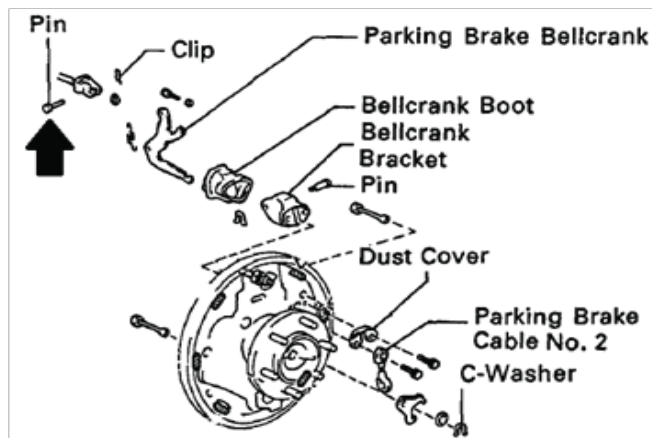
STEP 3

Using a floor jack under the center section of the rear axle, lift the rear axle and place a jack stand under each side of the axle for support. Make sure that the axle is completely supported.



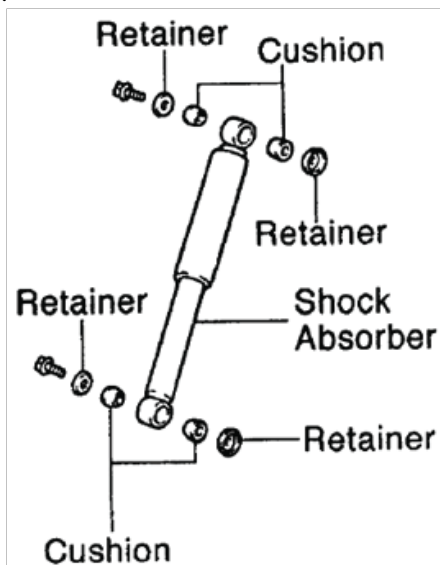
STEP 4

Disconnect the Parking Brake Cable from the Parking Brake Bellcrank. Save the pin & clip for reinstallation. Repeat for the other side of the axle.



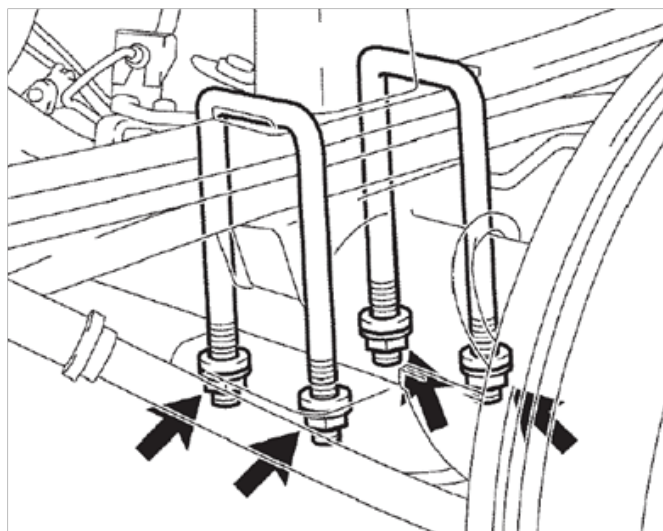
STEP 5

Remove the rear shock absorbers on both sides of the vehicle. Save the bolts and retainers for reinstallation. Discard the stock shock absorbers and rubber bushings.



STEP 6

Remove the U-bolts, nuts, washers, U-bolt seat, & rear spring bump stop from the leaf spring. Save the U-bolts, nuts, washers, U-bolt seat, & rear spring bumper for reinstallation. Repeat for the other leaf spring.



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STEP 7

Lower the rear axle to move the leaf springs away from the axle. Use care to avoid stretching the brake lines.

STEP 8

Using (2) large C-clamps, clamp the leaf pack assembly securely together.



STEP 9

Remove the spring center bolt and nut. Vise grips may be needed to keep the head of the bolt from rotating during removal of the nut. Discard the center bolt & nut.



STEP 10

Carefully loosen and remove the (2) C-clamps from the spring pack. Make sure to note the order of the individual leaves and the placement of any shims or dividers. If the stock leaf spring has a roll pin through the leaves, remove and discard the roll pin.



STEP 11

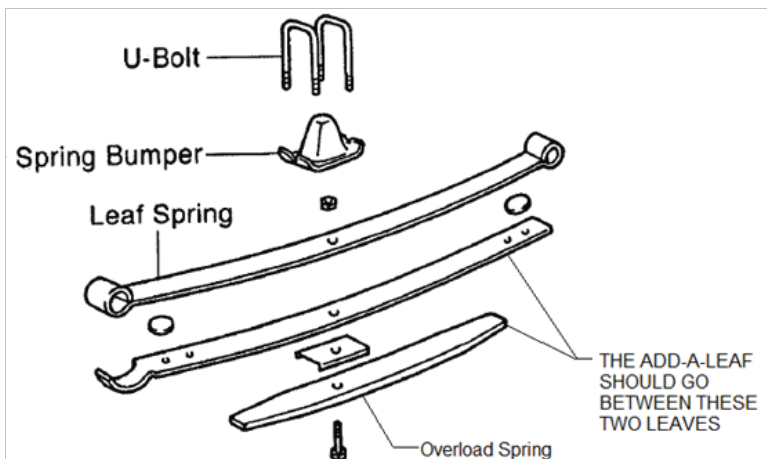
Apply wheel bearing grease to the plastic leaf spring pads.

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STEP 12

Insert the Add-A-Leaf into the spring pack. The leaves should be in order of length, with the longest leaf on top and the shortest (the overload spring leaf) on bottom. In most cases, the Add-A-Leaf will be placed between the overload spring and the rest of the spring pack. The end of the Add-A-Leaf with the longest distance between the end of the spring and the center pin hole should be facing the rear end of the truck. Under no circumstances should the Add-A-Leaf be below the overload spring.



STEP 13

Verify that the Add-A-Leaf is correctly oriented within the spring pack. Place the (2) C-clamps back onto the spring pack and slowly squeeze the leaf pack back together. Use one of the new center pin bolts provided with this kit as an alignment tool to help keep the center pin holes aligned.



STEP 15

Cut off the excess length of the center pin. Paint the cut surface to prevent corrosion.

STEP 17

Carefully lift the axle back in place. Make sure the head of each center bolt pin is seated in the hole on

STEP 14

Make sure that any shims or dividers are reinstalled into the correct position and completely compress the leaf spring back together using the C-clamps. Install the new center pin into the spring pack and secure with one of the nuts provided with the kit. Torque the nut to 33 ft-lbs. or to the torque specified in the Toyota Tacoma factory service manual.



STEP 16

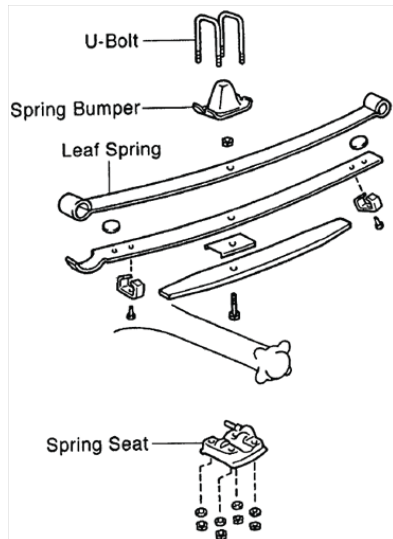
Repeat Steps 8 through 16 for the other leaf spring pack.

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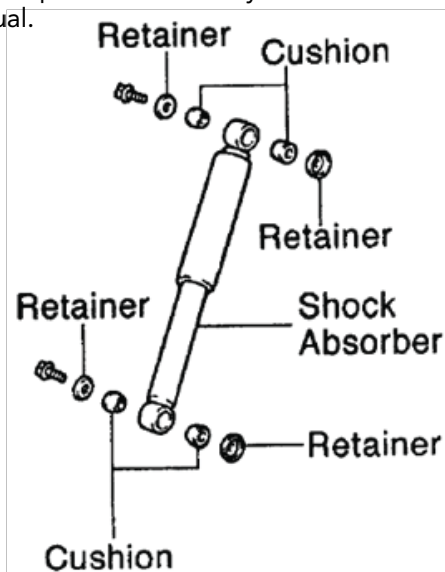
STEP 18

Reinstall the U-bolts, nuts, washers, U-bolt seat, & rear spring bumper. Torque to U-bolt nuts to 90 ft-lbs or to the torque specified in the Toyota Tacoma factory service manual.



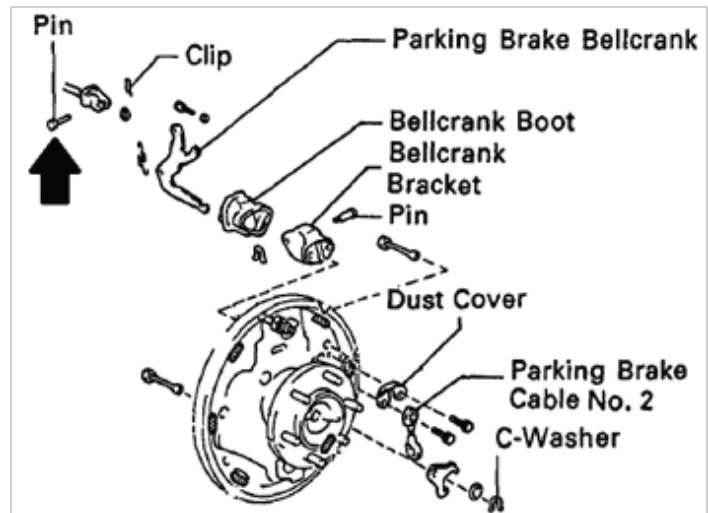
STEP 20

If you ordered the Complete Rear Lift Kit, install both Bilstein shocks using the hardware removed in Step 5. Otherwise, install the new longer shocks you have obtained from a different source according to the shock manufacturer's installation instructions. Torque to the shock mounting bolts to 53 ft-lbs or to the torque specified in the Toyota Tacoma factory service manual.



STEP 19

Reconnect the Parking Brake Cable to the Parking Brake Bellcrank using the pin & clip removed in Step 4. Repeat for the other side of the axle.



STEP 21

Reinstall the rear wheels. Torque the lug nuts to the torque specified in your Toyota Tacoma Owner's Manual.

STEP 22

It is recommended that you install a Brake Proportioning Valve Relocation Kit with this rear lift. If you have purchased a Brake Proportioning Valve Relocation Kit, install the kit according to the instructions provided with the kit. Otherwise, proceed to Step 23.

STEP 23

Lower the vehicle and make sure the rear suspension cycles. Take the vehicle for a short test drive. After the test drive, check the torque on all the hardware and tighten as necessary. Periodically recheck the torque on all the hardware and tighten as necessary.

INSTALLATION INSTRUCTIONS



REPLACEMENT PARTS

