



## Installation Instructions

For easy installation, you will need to:

- READ ALL the instructions completely before beginning.
- Have the necessary tools available

Tools required:

- 2 - 3/4" wrenches
- 2 - 1/2" wrenches
- 1 - C-clamp

**SAFETY NOTICE: WE RECOMMEND THAT THIS INSTALLATION BE DONE BY A PROFESSIONAL OR PERSONS WITH SOUND MECHANICAL KNOWLEDGE.**

**SUPERSPRINGS** are designed to work in conjunction with original equipment (factory) springs only. Please consult SuperSprings factory (866-898-0720) if original springs have been replaced with an after-market product.

**WARNING:** These instructions are meant to be a general guide for installing SuperSprings. SuperSprings International assumes no liability for the actual installation process. Consumers should apply common automotive safety practices when raising and working on any vehicles. Do **NOT** put yourself in a position where if the vehicle should move unexpectedly, you may be seriously hurt. SuperSprings are designed to improve vehicle carrying capacity and road handling. Do **NOT** load any vehicle beyond the manufacturer's specifications.

### LIMITED WARRANTY

See separate warranty information page.

SuperSprings International Corporation  
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Support: 866-898-0720  
Support Email: gerry@supersprings.com  
Web: www.supersprings.com

### PLEASE NOTE:

*Remember to ensure brake cables are not touching the SuperSprings blade(s). Secure them out of the way with zip ties or re-routing. Also, avoid all air conditioning lines and emergency brake lines.*

Installation Instructions  
1996-2004 TOYOTA TACOMA Prerunner & 4x4 Only  
SuperSprings Model # SSA18

**Front / Rear**

The SSA18 springs do have a specific left or right. Install springs with bolt threads facing outward. The regular 2-hole shackle attaches to the front of the install vehicle spring pack and the short single-hole shackle attaches to the rear. The website includes detail color images at: [http://www.supersprings.com/supersprings\\_installation.asp](http://www.supersprings.com/supersprings_installation.asp)

*Note: You do not need to jack the vehicle off the ground for this application, nor do you need to remove the wheel; the wheel has been removed in the illustrations for clarity in understanding only.*

**Step 1 Positioning the vehicle**

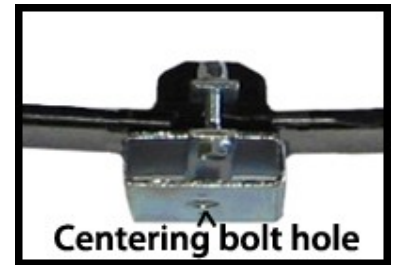
Vehicle must be on level solid surface.

Parking brake ON – Ignition OFF.

Place blocks in front and rear of the front tires to prevent the vehicle from moving.

**Step 2 Remove rubber bump-stop**

Positioning the vehicle: Vehicle must be on level solid surface. Ensure emergency brake is ON, Ignition is OFF. Place blocks in front and rear of the front tires to prevent the vehicle moving. With the vehicle still on the ground (**one side at a time**), loosen axle u-bolts to allow removal of the factory bump-stop. After removal retighten the u-bolts as before using factory specifications and procedures on page 3. **IMPORTANT:** After 200-500 miles of driving, re-torque u-bolts.



**Step 3 Place mounting bracket and SuperSpring**

Place mounting block between the factory U-bolts with the open ends perpendicular to the vehicle direction. Ensure circular hole is face down over bolt through the factory spring pack. Tap mounting block into position. Slide SuperSpring in from rear of vehicle, and position it above the mounting block with the short shackle to the rear.

**Step 4 Attach rear shackle (short shackle)**

Pull down rear shackle (only one shackle position).

Attach bolt on back shackle and tighten.

Ensure that both polypropylene and steel rollers are in the shackle.  
**NEVER TIGHTEN TOP BOLTS ON ANY OF THE SHACKLES.**



**Step 5 Attach front shackle**

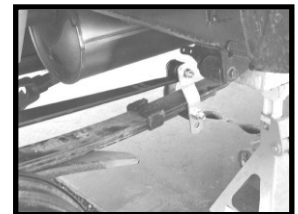
Use C-Clamp and Pull down front shackle.

Ensure all brake cables that may be damaged by SuperSpring blades are out of the way.

Where additional lift or more vertical clearance is required, use the shackle upper bolt hole position. In other cases use the lower bolt hole.

Use C-Clamp and Pull down front shackle.

Attach bolt on front shackle (as in Step #4).



**Step 6 Install hold down clamp**

Slide rubber bump stop onto the top of the hold-down clamp.

Slide hold down clamp over Super-Spring and top of mounting block, securing it firmly in place.

Install bolt, washer and nut and secure tightly with a 1/2" wrench.

**Step 7 Check final alignments**

**Note: Springs do not have to be centered on mounting block over axle.**

Position springs to provide rear rollers with 3/4" forward clearance from any obstacles.

Recheck that no A/C lines or brake cables will be interfered with by the vertical travel of the SuperSprings.

**Step 8 Repeat the same process on the other wheel**

*In some cases, the muffler hanger on the right side may interfere with the installation. In this case, drop the hanger attachment bracket to the lower screw position where it attaches to the frame.*

## Tacoma (4 x 4) and (2 x 4) Prerunner Rear Spring U-Bolt retightening

(a) With the spring seat, 2 U-Bolts, 4 washers and 4 nuts in position, follow bolt tightening sequence number pattern in the diagram.

(b) Torque: 131 N-m (1340 kgf-cm, 97ft-lbf)

Hint:

Tighten the U-Bolts until the lengths of all U-Bolts under the spring seat are the same.

Tacoma (4 x 4) or Prerunner

