



Independent tests showed SuperSprings improve driving control by 29%

Installation Instructions

For easy installation, you will need:

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

Tools you will need:

- 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.

For additional assistance call SuperSprings Tech Support toll free @ 1-866-898-0720.

Installation Instructions
(2005-Present) TOYOTA TACOMA Prerunner & 4x4 Only
SuperSprings Model # SSA19

Front / Rear

The SSA19 springs do have a specific left or right. Install springs with bolt threads facing outward. The regular 2-hole (45° slope) shackle attaches to the front of the install vehicle spring pack and the SQUARE (90°) two-hole shackle attaches to the REAR. The website includes detail color images at:

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 easier viewing only.

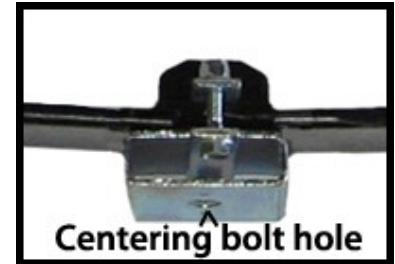
Step 1 Positioning the vehicle

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

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

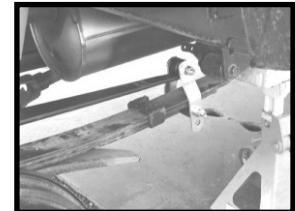


Step 3 Place mounting bracket and SuperSpring

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. Determine which side you intend to install first, keep in mind during installation that the spring eye and roller bolts should be thread outward. Slide SuperSpring in from rear of vehicle and position it above the mounting block with the short shackle to the rear.

Step 4 Attach front shackle (45° bend)

Ensure all brake cables are routed clear out of the way of the SuperSprings blades; slight repositioning or the addition of a tie-wrap will often suffice. Select either the UPPER or LOWER bolt-hole position based on how much spring preload is desired. Note – using the UPPER hole will increase preload and vehicle ride height. Ensure that polypropylene (black) and steel rollers are reassembled in the shackle. Attach bolt on front shackle with threads facing OUT. Be sure to position upper bolt with bolt head outward and thread inward to ensure no damage to emergency brake line.



Front shackle

Step 5 Attach rear shackle (90° bend)

Use C-Clamp and pull down rear shackle

Use UPPER (top) shack bolt-hole position. This provides additional vertical clearance to frame. Install polypropylene and steel roller assemblies and snug tighten nuts. Eye bolts of all shackles are set at factory. Do not tighten.

Step 6 Install hold down clamp

Slide supplied poly bump stop onto one piece of the clamp assembly for use on top (or onto top if one piece style clamp) Position clamp or assembly capturing SuperSprings and mounting block together. Install bolt, washer and nut and tighten with a 1/2" wrench, securing spring to block.

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: 50 N·m (510 kgf·cm, 37ft-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

