



## Self-Adjusting Suspension Stabilizers

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.
- Have the necessary tools available

Tools required:

- 3/4" wrenches/sockets
- 1/2" wrenches/sockets
- 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.

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***Prior to installation ensure the following steps have been taken:***

*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 moving.*

### ***During and / or after installation***

***Ensure emergency brake cables are not touching the SuperSprings blade(s). Secure them out of the way with zip ties or by re-routing. Avoid all air conditioning lines, all fuel filler hoses and all brake lines or cables. Position the SuperSprings so there is sufficient clearance from any frame contact both horizontally and vertically. Also, where applicable, the ends (eye) of the SuperSprings must avoid contact with any factory overload spring perch or bracket.***

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](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. Retighten U-bolts as per Toyota's specifications.  
**IMPORTANT:** After 200-500 miles of driving, re-torque u-bolts.

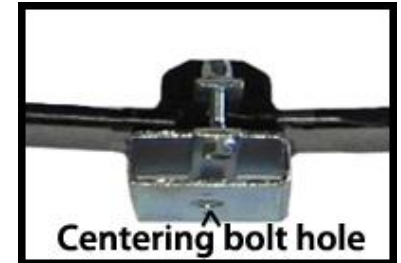


Fig. 1

**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. Fig. 1

**Position the SuperSprings so there is sufficient clearance from any frame contact both horizontally and vertically.**

**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. Refer Fig. 2



Fig. 2 - Front

**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. Refer Fig. 3



Fig. 3 - Rear

**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.*

# SuperSprings®

Suspension Enhancement

Toyota Tacoma 4x4 / 2x4 Prerunner [2005 ~ 2013]

SuperSprings Part# SSA19

remove  
factory  
bumpstop



SSA19  
mounting kit included



\*eye bolt threads inward  
roller bolt threads outward



Install rear shackle in upper bolt position

Refer to SuperSprings application guide for part selection [www.supersprings.com](http://www.supersprings.com) [Tech line #866-898-0720]  
SuperSprings enhance load carrying capability, handling & towing. Never exceed vehicle manufacturer's GVWR rating.