



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 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.

***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  
TOYOTA TACOMA 4x4 & Prerunner 2x4 [2014 ~ present]  
SuperSprings Model # SSA36 (SSA37 Similar Installation)

**Front / Rear**

The SSA36 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.

**Step 1 Positioning the vehicle** ~ *Note: You do not need to remove the wheels for this installation.*

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. After removing both bumpstops raise one side of the vehicle so that the rear wheel is slightly off the ground. Support the vehicle with a jack stand. **IMPORTANT:** After 200-500 miles of driving, re-torque u-bolts.

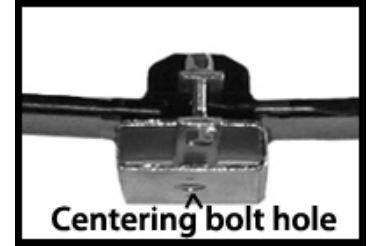


Fig. 1

**Step 3 Place mounting bracket and SuperSpring**

Place mounting block between the factory U-bolts with the open ends perpendicular to the vehicle frame. Ensure circular hole is face down over the center 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 square 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; Bend front emergency brake cable bracket to provide clearance around front shackle. Place the spring shackle between the two front spring clips. 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 Fig.2 –Front inward to ensure no damage to emergency brake line. Refer Fig. 2



**Step 5 Attach rear shackle (90° bend)**

Use C-Clamp and pull down rear shackle, position the spring shackle between the two rear spring clips, allow for 3/4” space between shackle and forward clip. 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

**Step 6 Install hold down clamp**

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



Fig. 3 – Rear

**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

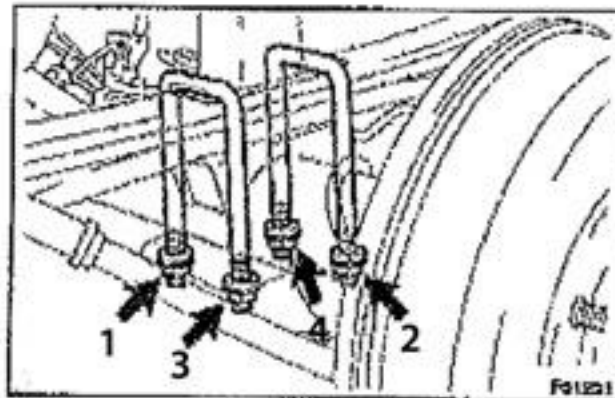
(a) With the spring seat, 2 U-Bolts, 4 washers and 4 nuts in position, follow bolt tightening sequence number pattern in the diagram.

(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



# **SuperSprings®**

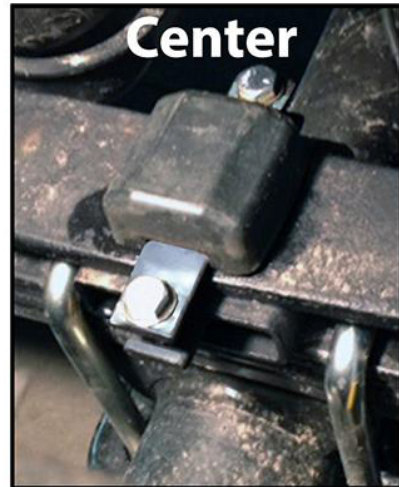
Suspension Enhancement

*Toyota Tacoma 4x4 & PreRunner 2x4 [2014 ~ present]*

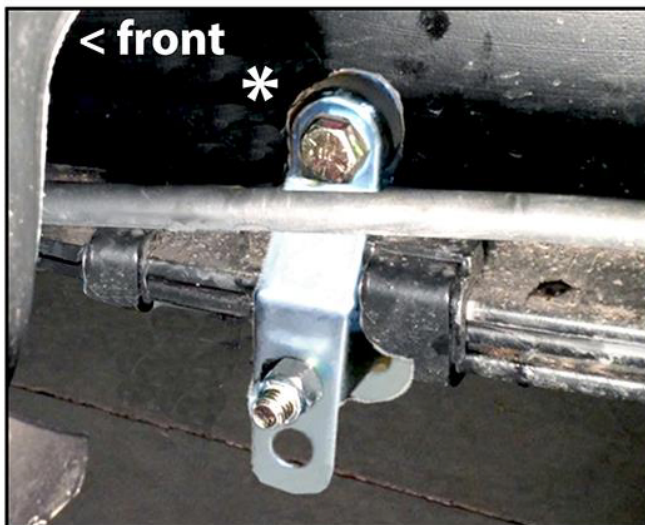
*Supersprings Part# SSA36*



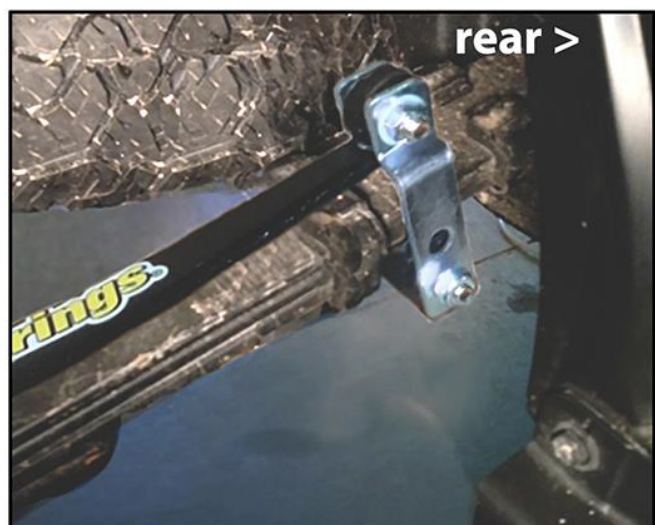
**Mounting kit**



**Mounting kit installed with bumpstop**



**\*eye bolt threads inward  
roller bolt threads outward**



**Rear shackle installation  
between factory clips**

SuperSprings enhance load carrying capability, handling & towing. Never exceed vehicle manufacturer's GVWR rating.