



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 LIFETIME WARRANTY

For the lifetime of the vehicle for which the SuperSprings were originally purchased, SuperSprings International will replace any part of this product found to be defective under normal use—free of charge. SuperSprings International will not be held liable for any incidental or consequential damages, including the cost of installation or reinstallation. While this warranty gives you specific legal rights, you may also have other rights which vary from state to state.

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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 rerouting. Avoid all air conditioning lines, all fuel filler hoses and all brake lines or cables

Installation Instructions

SuperSprings Models: SSA2; SSA5; SSA6; SSA7; SSA8; SSA9; SSA11; SSA12;

Front / Rear

The above listed springs do NOT have a specific left or right; front or rear; they will all work in either direction.

Step 1: Positioning the vehicle:

Vehicle must be on level solid surface.

Ensure emergency brake is ON and Ignition is OFF.

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

Step 2: Jacking up vehicle:

Place the jack on chassis/frame member - not the axle or differential.

Raise one or both sides of vehicle so that rear wheel(s) is slightly off the ground. Support vehicle with jack stands.

You may remove the wheel for easier installation access but it is not required.

Step 3: Where factory springs are located below the axle:

Slip SuperSpring over the wheel or slide in from behind, and position it above the axle. (Fig. 1 - Lower)

Go to Step 5.

Step 4A: Where factory springs are above the axle & mounting kit (MTKT) is used:

Place mounting bracket (from separate white box) on top of factory springs directly above axle.

Using U-bolts & hardware supplied, attach mounting bracket to factory springs.

Slip SuperSpring through wheel well or slide in from behind vehicle, positioning it above MTKT (Fig. 1 – Upper)



Fig. 1

Step 5: Attach front shackle:

Ensure all A/C lines and brake cables that might be damaged by SuperSpring blades are clear.

Where additional lift or clearance is required, use shackle upper bolt hole.

All other cases use lower bolt hole.

Attach bolt on front shackle using both polypropylene (black) rollers and steel rollers. Don't over-tighten nuts.

Step 6: Attach rear shackle:

Use C-Clamp and pull down rear shackle. Some installations will not require use of clamp.

Attach bolt on back shackle (as in #5 above) and tighten. Don't over-tighten nuts.

NEVER TIGHTEN TOP BOLTS ON ANY OF THE SHACKLES.

Step 7: Install Hold-down Clamp (Spring above axle assembly using MTKT only)

Slide Hold-down Clamp over SuperSpring and mounting bracket, bolt holes away from tire.

Install bolt, washer and nut, and secure tightly with wrench.

Step 8: Check final alignments

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

Position springs shackles to provide rear rollers with $\frac{3}{4}$ " to 1" forward clearance from any obstacles.

Front rollers only require $\frac{1}{4}$ " clearance in either direction.

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

Step 9: Repeat the same process on the other wheel.

Step 10: Lower the vehicle and remove jack and blocks.

Step 11: NOW RETIGHTEN ALL U-BOLT NUTS SNUG – Do not over-tighten.

Installation Instructions
SuperSprings Model # SSA7 ~ SSA11
For TOYOTA TUNDRA 2007~2008 (New Body Style)

Front / Rear

The SSA7 / SSA11 springs do NOT have a specific left / right side or a front / back side. However, as with all SuperSprings installations; position all bolts with threads facing outward.

The Toyota Tundra is equipped with a 3" tall, pyramid shaped, rubber bump stop secured to the top of the factory leaf springs directly above the axle. This bump stop needs to be trimmed by 1" in height so the SuperSprings mounting kit may be easily installed. (See attached image)

Step 1: Positioning the vehicle:

Vehicle must be on level solid surface. Ensure emergency brake is ON and Ignition is OFF.

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

Step 2: Jacking up vehicle:

Place the jack on chassis/frame member - not the axle or differential.

Raise one or both sides of vehicle so that rear wheel(s) is slightly off the ground. Support vehicle with jack stands.

You may remove the wheel for easier installation access but it is not required.

Step 3: Installing mounting kit (MTKT):

Place mounting bracket (from separate white box) on top of factory springs directly above axle, straddling the factory bump stop. Using U-bolts & hardware supplied, attach mounting bracket to factory springs. Slip

SuperSprings through wheel well or slide in from behind vehicle, positioning it above MTKT

Do NOT over-tighten U-bolt nuts.

Step 4: Attach rear shackle:

Ensure all A/C lines and brake cables that might be damaged by SuperSprings blades are clear. Position the rear shackle ensuring you have optimum clearance in both the horizontal (front to back) and the vertical. Reattach bolt and nut in shackle using both polypropylene (black) rollers and steel rollers.

Step 5: Attach front shackle:

Use C-Clamp and pull down front shackle. Some installations will not require use of clamp. Use lower shackle bolt hole.* Reattach bolt on front shackle (as in #4 above) and tighten.

NEVER TIGHTEN TOP BOLTS ON ANY OF THE SHACKLES.

Step 7: Install Hold-down Clamp and Bump Stop

Slide Hold-down Clamp with Bump stop over SuperSprings and mounting bracket, bolt holes away from tire.

Install bolt, washers and nut, and secure tightly with wrench.

Step 8: Check final alignments

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

Position springs shackles to provide rear rollers with $\frac{3}{4}$ " to 1" forward clearance from any obstacles.

Front rollers only require $\frac{1}{4}$ " clearance in either direction.

Also look to create maximum clearance from vehicle frame, both above and end-to-end when positioning springs.

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

Step 9: Repeat the same process on the other wheel.

Step 10: Lower the vehicle and remove jack and blocks.

Step 11: RETIGHTEN ALL MOUNTING KIT U-BOLT NUTS SNUG – Do not over-tighten.

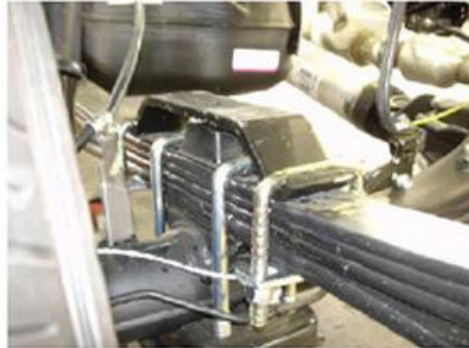
In general, use of top/upper bolt holes on shackles will induce maximum preload tension on the SuperSprings and create the most "lift" on the vehicle. Use of bottom/lower bolt holes on shackles will induce minimum preload tension on SuperSprings and create least "lift" on vehicle. Intermediate setting produces midway "lift" results.

ADD

SuperSprings®

NATCOA
NATCOA.COM
Corporate Member

Suspension Enhancement
TOYOTA TUNDRA [07~ present]
SuperSprings SSA7 / SSA11



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