



## 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:

- 1 – 1 1/16” wrench / socket
- 1 – 1 1/8” wrench / socket
- 1 - Sturdy 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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### 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  
SuperSprings Model # SSA16 with Poly Spring Pad (PSP)

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 from moving.

Step 2: Jacking up vehicle:

Place jack on chassis/frame member – not the axle, differential or spring pack.  
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: Undo the nuts on the SuperSprings roller bolts and remove all polyurethane (black) rollers, steel rollers and bolts from the shackles. THE SSA16 HAS A FRONT AND BACK SIDE. Position the three-hole SQUARE SHACKLE to the FRONT and the three-hole REGULAR SHACKLE to the REAR.

Step 4: Chevy/GMC 2500/3500 without factory top overloads require a mounting kit (MTKT) for installation.

F-250/350 do not require a mounting kit:

Place mounting bracket (from separate white box) on top of factory springs directly above axle. Attach mounting bracket to factory springs; securely tighten U-bolts with hardware supplied. Chevy/GMC 2500/3500 may need extended U-bolts. Call (800) 898-0705 to check.

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

Fig. 1



Step 5: For trucks with Factory Overload Springs - Poly Spring Pad (PSP) is used:

Fig. 2

A mounting kit is not required in this installation.

Place PSP flat side up, centered on U-bolt retainer plate. (Fig. 2)

Factory U-bolts facing up or down has no effect on this installation.

For GMC or Chevy installations, trim 1/4" off each end of PSP-1.

Slip SuperSpring through wheel well or slide in from behind vehicle.



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

Position springs shackles to provide rear rollers with 3/4" to 1" forward clearance from any obstacles. Front rollers only require 1/4" clearance in either direction.

Step 6: Start at the front (square 3-hole shackle) and reattach both the steel roller and the outer black roller to the shackle, under the factory spring pack, using the lower bolt hole position. When applicable, capture the end of the factory overload spring within the square shackle.

Step 7: Using a clamp, if necessary, pull down the opposite side of the SuperSpring and attach as in step 6. Where applicable, the factory overload spring is now "sandwiched" between the SuperSpring on top and the original factory spring pack below.

Step 8: Install Hold-down Clamp (Only use on spring above axle assembly with MTKT). Lower the vehicle to the ground to compress the springs onto the mounting bracket. Clamp does not have to be centered on spring. Slide clamp over SuperSpring and under mounting bracket. Tight fitting, may need to be tapped on with a hammer. Install with the bolts holes away from tire. Attach bolt, washer and nut and secure tightly with wrench.

Step 9: Repeat these steps on the opposite side; then lower the vehicle back onto the ground.