



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 Clamp or SuperSprings Installation tool (for SSA17 heavy duty installation)

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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PLEASE NOTE:

Remember to ensure emergency 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, fuel filler hoses and brake lines / cables.

Installation Instructions
SuperSprings Model # SSA17 with Poly Spring Pad (PSP-1)
For Chevrolet/GMC Kodiak/TopKick C4500 / C5500 (2003~2008)

Step 1: Use a jack on the chassis to raise the vehicle so that the back wheel lifts slightly off the ground. The main spring pack will then be at its most “relaxed / unloaded” position. Do NOT jack the vehicle up on the differential. Support the vehicle with Jack stands under the frame.

Step 2: Undo the nuts on the SuperSprings roller bolts and remove both steel rollers and bolt from the shackles.

Step 3: Place the PSP-1, flat side facing up, centered directly on top of the factory U-bolt retainer plate above the spring pack, directly below the factory bump stop (Fig.1)



Fig. 1 – Position

Step 4: The SSA17 has no designated front or back side / left or right side, however, as with all installations; position all bolts with threads facing outward. Center the SuperSprings directly on top of the PSP-1. (Fig. 1)

Fig. 2 - Rear



Step 5: Using a heavy duty clamp or the SuperSprings installation tool; pull down the rear side of the SuperSpring and attach the shackle installing the two steel rollers and bolt (initially select lower hole) under the factory leaf pack. (Fig. 2 – Complete rear view) Secure nut.

Step 6: Using a heavy duty clamp or the SuperSprings installation tool; pull down the front side of the SuperSpring and attach the shackle by installing the steel rollers and bolt (initially select

lower hole) under the factory leaf pack. (Fig. 3 – Complete front view) Secure nut.



Fig. 3 - Front

Step 7: Repeat these steps on the opposite side then lower the vehicle back onto the ground. (Fig. 4 – Completed installation)

Note: ** It is recommended that the steel rollers and bolts be installed in either the lower or center shackle holes.

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/center setting produces midway “lift” results.

Completed installation – Fig. 4

