



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~SSA26 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 WARRANTY

See separate warranty information page.

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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~SSA26 with Poly Spring Pad (PSP)
For Ford F450 / F550 Super Duty

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.

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

(Fig. 1)



Step 3: Place the PSP, flat side facing up, directly on top of the factory U-bolt retainer plate above the spring pack.

Step 4: The SSA17 has no designated front or back side / left or right side. It will work either way. Place the SuperSpring directly on top of the factory overload springs above the PSP. (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 using the two steel rollers and 3/4” diameter hardware provided. (Fig. 2 - Rear)

(Fig. 3 - Front)



Step 6: Using a heavy duty clamp or the SuperSprings installation tool; pull down the front side of the SuperSpring and attach the shackle using the two steel rollers and 3/4” diameter hardware provided. (Fig. 3 - Front)

Step 7: Position the SuperSprings so that the rear roller has 3/4” clearance to move forward toward the axle as this vehicle comes under load. The front roller should have minimal movement in this configuration.

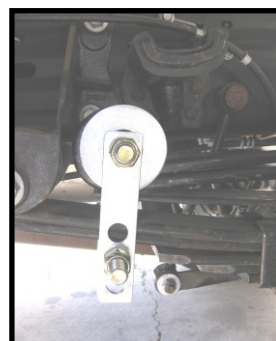
Step 8: Repeat these steps on the opposite side then lower the vehicle back onto the ground.

Note: 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 produce midway “lift” results.

Completed rear view



Completed front view



Installation Instructions
SuperSprings Model # SSA17~SSA26 with Poly Spring Pad (PSP-1)
For Chevrolet 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: Trim ¼” off each end of PSP-1. 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~SSA26 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

