



## 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

**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.

SuperSprings International Corporation  
505 Maple Avenue, Carpinteria, CA 93013  
www.supersprings.com

Technical Support: 866-898-0720  
Email: tech@supersprings.com

***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  
SuperSprings Model # SSA17 & SSA26

The SSA17 & SSA26 springs have a specific left and right. Unless specified otherwise install springs with bolt threads facing outward. They also have a specific front and rear. **Please check for labels on the spring indicating correct front/back configuration and spring placement.**

**Step 1:** Vehicle must be on a solid, level 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:** Raise vehicle so that rear wheel(s) is slightly off the ground. Support vehicle with jack stands securely under the frame. You may remove the wheel for easier installation access but it is not required.

**Step 3:** Place PSP on top of factory spring plate so that it locates on center bolt and spring pad as shown. Place lockdown kit u-bolt in the groove of the PSP. Slip SuperSpring through wheel well or slide in from behind vehicle, positioning it on top of the PSP. Position lockdown kit u-bolt with the threads pointing up, install the clamp and thread nuts lightly onto u-bolt.

**Position the SuperSprings so there is sufficient clearance from any frame contact both horizontally and vertically.**

**Step 4:** Starting with the rear shackle, position according to details in flyer below. A heavy duty C-clamp or installation tool may be needed to pull SuperSpring down onto factory leaf pack. Attach steel sleeve and outer roller to shackle legs with bolt and nut with threads facing out. Ensure rear roller has  $\frac{3}{4}$ "-1" of forward clearance. Tighten roller bolts and nuts hand tight so hardware is snug. No heavy torque required. Where additional lift or more vertical clearance is required, use the shackle upper bolt hole position. In other cases use the lower bolt hole. Ensure all A/C lines and brake cables that might be damaged by SuperSpring blades are clear of interference.

**Step 5:** Using a heavy duty C-clamp or SuperSprings installation tool, pull down front shackle. Attach sleeve and roller to shackle (as in #4 above) and tighten. Don't over-tighten nuts. **NEVER TIGHTEN TOP BOLTS ON ANY OF THE SHACKLES.**

**Step 6:** Check final alignments. Springs do not have to be centered on over the 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 7:** Once the spring is in the proper position, securely tighten down the nuts on the lockdown clamp.

**Step 8:** Repeat the same process on the other side of vehicle.

**Step 9:** Lower the vehicle and remove jack and blocks.

**Step 10:** Recheck installation to ensure that all a/c lines, brake cables and truck frame will not interfere with the vertical travel of the SuperSprings.

# SuperSprings®

Supension Enhancement

Ford F-450 ~ F-550 SD Chassis Cab [2017- 2018]

with PSP-7 & Spring Lock-Down Kit

SuperSprings Part# SSA17 ~ SSA26



Remove spring clip bolt  
found at both ends  
of F-550 spring pack



OE spring plate



\*Reduced height bolt head  
clears spring mount



PSP7 installed

Center  
OE  
spring plate

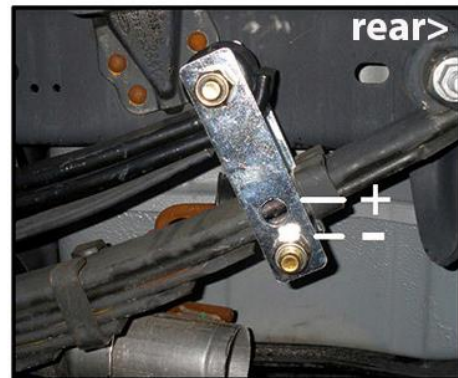


"Spring Lock-Down Kit"  
installed toward the front of  
the truck between the PSP7  
poly pad and the SuperSpring



\*\*Do not use lowest bolt hole on  
front shackle of these trucks

Install rear  
shackle first  
followed by  
front shackle.



Select preload & ride height

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

# SuperSprings®

Supension Enhancment

Ford F-450 ~ F-550 SD Chassis Cab [1999 ~ 2016]

w/ PSP-11 & Spring Lock-Down Kit

SuperSprings Part# SSA17 ~ SSA26



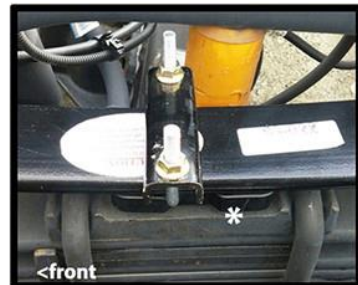
Remove spring clip bolt  
found at both ends  
of F-550 spring pack



\*Reduced height bolt head  
clears spring mount



Place PSP11 on top of spring plate  
flat side up facing, with groove  
toward the front

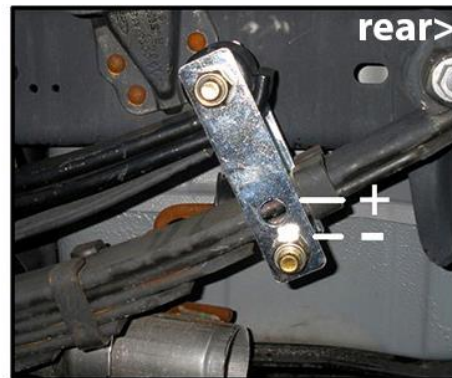


Install the SuperSprings as pictured  
below, then thread the channel crossplate  
on to the ubolt. Tighten securely.



\*\* Do not use lowest bolt hole on  
front shackle for these trucks

Install rear  
shackle first  
followed by  
front shackle.



Select preload & ride height

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