



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.

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.

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 # SSA22 & SSA25

The SSA22 & SSA25 springs do not have a specific left/right or front/rear. Unless specified otherwise install springs with bolt threads facing outward.

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: Ensure all A/C lines and brake cables that might be damaged by SuperSpring blades are clear of interference. Where additional lift or more vertical clearance is required, use the shackle upper bolt hole position. In other cases use the lower bolt hole. Attach front shackle to factory leaf springs using bolt, steel roller and sleeve. Tighten roller bolts and nuts hand tight so hardware is snug. No heavy torque required.

Step 5: Using a heavy duty C-Clamp or SuperSprings installation tool, pull down rear shackle. Attach rear shackle with bolt, sleeve and roller (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 mounting bracket over axle. Position springs shackles to provide rear rollers with ¾" to 1" forward clearance from any obstacles. Front rollers only require ¼" 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®

Suspension Enhancement

Dodge 2500 [1994 ~ 2002]

SuperSprings Part# SSA22 ~ SSA25 with PSP mounting kit



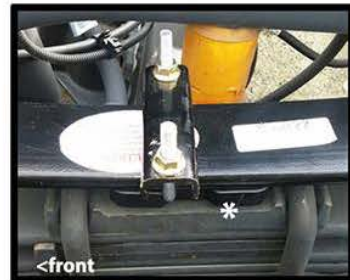
Typical PSP Mounting Kit Installation



PSP-7 with hold-down clamp assembly *



Place PSP-7 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.



trim shackle length to use upper hole



adjustable pre-load & ride height

SuperSprings®

Suspension Enhancement

Ford F-450 Super Duty Pick-up
[2008 ~ 2010]
SuperSprings SSA22 ~ SSA25 with PSP mounting kit



Typical Center Mounting Kit Installation



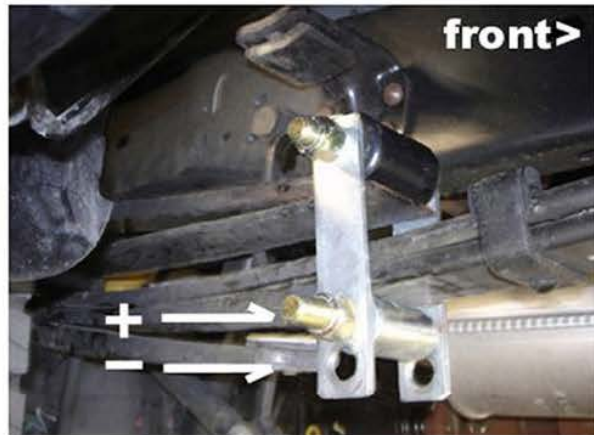
PSP11 with hold-down clamp assembly



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.



adjustable spring pre-load & hide height

SuperSprings®

Suspension Enhancement

Ford F-350 Chassis Cab [1999 ~ 2010]

SuperSprings Part# SSA22 ~ SSA25 with PSP mounting kit



Typical PSP Mounting Kit Installation



PSP11 with hold-down clamp assembly



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.



front & rear adjustable preload.



install spring eye bolts threads out

SuperSprings®

Suspension Enhancement

Ford F-350 Chassis Cab [2011 ~ present]

SuperSprings Part# SSA22 / SSA25 with PSP mounting kit



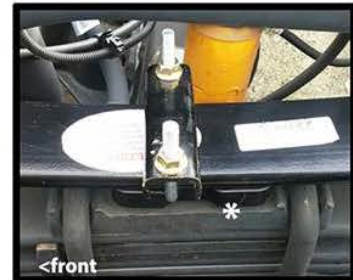
Typical PSP Mounting Kit Installation



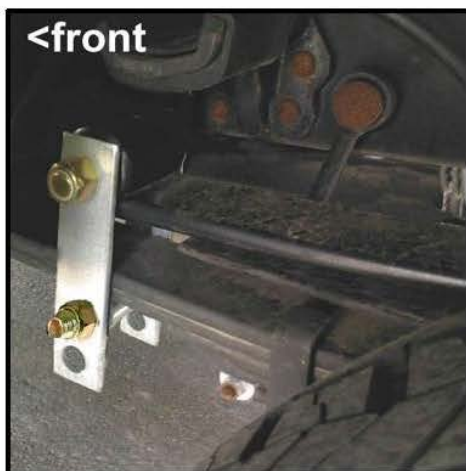
PSP 7 with hold down clamp assembly



Place PSP 7 on top of the spring plate with small knobs facing down with the hold-down ubolt under the PSP -7 between the center knob and the two knobs oriented toward the front of the truck.



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



front & rear adjustable preload.



install spring eye bolts threads out

SuperSprings®

Suspension Enhancement

Ford E-450 Cutaway [2001 ~ present]

SuperSprings Part# SSA22 ~SSA25 with PSP mounting kit



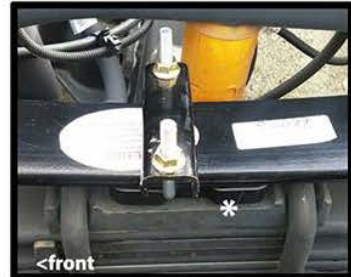
Typical PSP Mounting Kit Installation



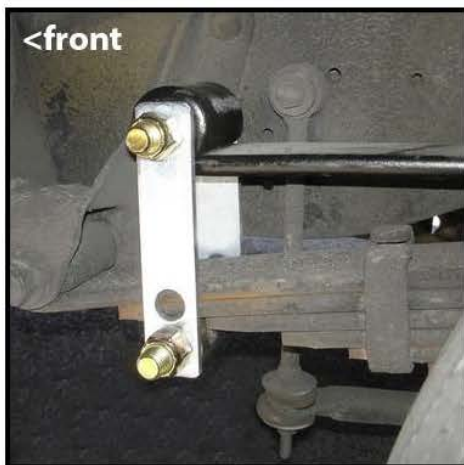
PSP11 with hold-down clamp assembly



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



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



Adjustable ride height front/rear



Mount spring eye forward
of fuel filler line

SuperSprings®

Suspension Enhancement

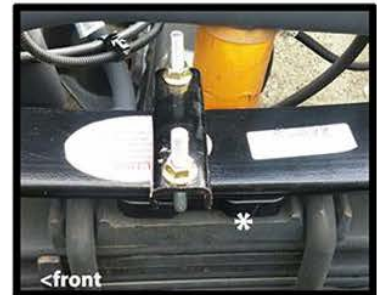
Ford F-250 F-350 SD Pick-up [2011 ~ present]
with factory overload
SuperSprings SSA22 ~SSA25



PSP11 with hold-down clamp assembly



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



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



<front



rear>

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Suspension Enhancement

Ford F-350 Pick-up with factory overload
SuperSprings SSA22~ SSA25



OE spring plate



PSP7 installed

**Center
OE
spring plate**



front >

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



< front

front OE spring clip

*Install front shackle against the
axle side of the front OE spring clip*



rear >

rear OE spring clip

Installed rear shackle

SuperSprings®

Suspension Enhancement

**Ford F-450 Chassis Cab [1999 ~ present]
SuperSprings Part# SSA22 ~ SSA25
w/ PSP 11 & Spring Lock-Down Kit**



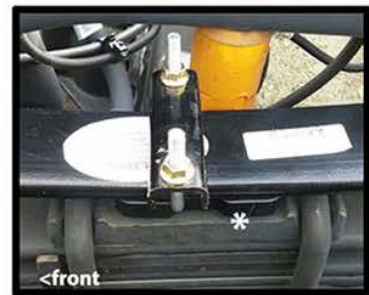
Typical PSP Mounting Kit Installation



PSP11 with hold-down clamp assembly



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.



front & rear adjustable preload.



install spring eye bolts threads out