



## 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 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 emergency brake lines / cables.*

Installation Instructions  
SuperSprings Model # SSA22 with Poly Spring Pad (PSP-1)

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 position. Do not jack the vehicle up on the differential. Support the vehicle with Jack Stands.

Fig. 1



Step 2

Undo the nuts on the SuperSprings roller bolts and remove all steel rollers and bolts from the shackles.

The SSA22 has no front / back side or left / right side.

Step 3

Place the PSP, flat side facing up, directly on top of the factory U-bolt retainer plate above the spring pack. (Fig. 1) Figure 1 shows a Ford F450 p/u application. Other manufacturers U-bolt retainer plates are configured differently however the installation steps and instructions remain the same.

Step 4

Place the SuperSprings directly on top of the PSP, between the down turned U-bolts and positioned as described in Step 2 above.

Step 5

Using a sturdy clamp or SuperSprings installation tool, Start at the front, compress and reattach under the factory spring pack the steel roller, sleeve and bolt removed in step 2. Use of the lower bolt-hole position will induce the least preload & vehicle rear ride height gain, use of the center hole will increase preload and ride height.



Fig. 2

Fig. 3



Step 6

Again using a sturdy clamp or SuperSprings installation tool, pull down the opposite side of the SuperSpring and attach as in step 5. The factory overload spring is now “sandwiched” between the SuperSpring on top and the original factory spring pack below.

Step 7

Assure the position the SuperSprings allows both front and rear rollers have  $\frac{3}{4}$ ” clearance to roll inward towards the axle as the vehicle comes under load.

Step 8

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