



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 C-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.

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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 and emergency brake lines.

Installation Instructions
SuperSprings Model # SSA16 with Poly Spring Pad (PSP)
For installation on vehicles with & without “top” factory overload springs

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.

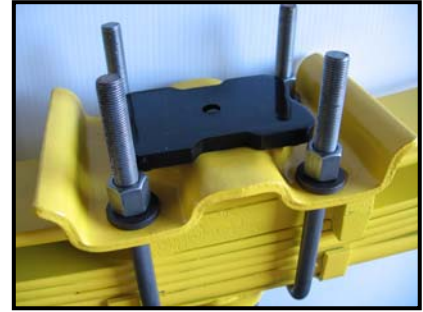


Fig. 1

Step 2

Undo the nuts on the SuperSprings roller bolts and remove all polyurethane (black) rollers, steel rollers and bolts from the shackles. **THE SSA16 HAS A FRONT AND BACK SIDE.** Position the three-hole **SQUARE SHACKLE** to the **FRONT** and the three-hole **REGULAR SHACKLE** to the **REAR**.

Step 3

Place the PSP, flat side facing up, directly on top of the factory U-bolt retainer plate above the springpack. (Fig. 1) Figure 1 shows a Ford F-series 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 upturned U-bolts and positioned as described in Step 2 above.

Step 5

Start at the front (square 3-hole shackle) and reattach both the steel roller and the outer black roller to the shackle, under the factory spring pack, using the lower bolt hole position. When applicable, capture the end of the factory overload spring within the square shackle. (Fig. 2)



Fig. 2

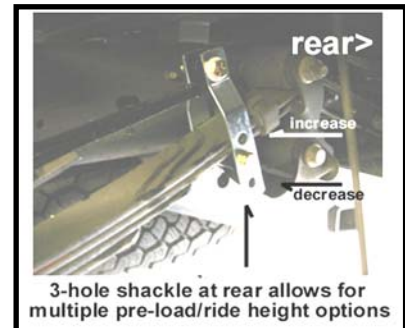


Fig. 3

Step 6

Using a clamp, if necessary, pull down the opposite side of the SuperSpring and attach as in step 5. Where applicable, the factory overload spring is now “sandwiched” between the SuperSpring on top and the original factory spring pack below.

Step 7

Position the SuperSprings so that the rear roller has $\frac{3}{4}$ ” clearance to roll forward towards the axle as the vehicle comes under load. The front roller should not move in this configuration.

Step 8

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