



Installation Instructions

For easy installation, you will need to:

- READ ALL the instructions completely before beginning.
- Have the necessary tools available

Tools required:

- 2 – 3/4” 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, fuel filler hose lines and emergency brake lines / cables.

Installation Instructions
Ford E-450 Class-C Motor Home
SuperSprings Model # SSA21 with Poly Spring Pad (PSP)

Step 1

Using the jack on the chassis 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.

Step 2

Undo the nuts on the SuperSprings roller bolts and remove all polyurethane (black) rollers, steel rollers and bolts from the shackles.

Step 3

Place the PSP, flat side facing up, directly on top of the factory U-bolt retainer plate above the spring pack. THE SSA21 HAS A SPECIFIC FRONT AND BACK SIDE. Position the two-hole square shackle to the REAR and the three-hole shackle to the FRONT.

Step 4

Place the SuperSprings directly on top of the PSP, between the upturned U-bolts and positioned as described in Step 3 above and shown in Fig. 1.



Fig. 1

Step 5

Start at the rear (square 2 hole shackle) and reattach both the steel roller and the outer black roller to the shackle, under the factory spring pack, using the upper bolt hole position (Fig.2). ENSURE THERE IS SUFFICIENT CLEARANCE BETWEEN THE SUPERSPRING AND ANY / ALL HOSE LINES, CABLES, FILLER HOSES ETC.



Fig. 2



Fig.3

Step 6

Use a C-clamp and pull down the opposite side of the SuperSpring and attach as in step 5. Where more clearance or lift is required use appropriate bolt hole as show in Fig. 3 above

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 vehicle back onto the ground.