



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.

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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 # SSA41 with Poly Spring Pad (PSP-19)

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 allowing the axle to hang freely. You may remove the wheel for easier installation access but it is not required.

Step 3: Place PSP-19 on top of factory spring plate so that it locates on center bolt and spring pad as shown on the following page.

Step 4: Remove only lower bolts, steel sleeves, and rollers from Superspring shackles.

Step 5: Place Superspring on top of PSP-19 and align with factory leaf pack so that the shackle plates extend down on both sides. **Ensure that the top and bottom shackle bolts are pointed outward with the threads away from the frame.** Position the SuperSprings so there is sufficient clearance from any frame contact both horizontally and vertically and ensure all A/C lines, hoses, wiring, and brake cables that might be damaged by SuperSpring blades are clear of any interference.

Step 6: Pull front end of Superspring down to the factory leaf pack and install lower bolt with steel sleeve and roller below it. Use lower hole position that provides the amount of lift/support required. Tighten roller bolts and nuts hand tight so hardware is snug. No heavy torque required.

Step 7: Using a heavy duty C-Clamp or SuperSprings installation tool, pull down rear of Superspring and install bolt, steel sleeve and roller (as in step #6 above) and tighten. Don't over-tighten nuts. **NEVER TIGHTEN TOP BOLTS ON ANY OF THE SHACKLES.**

Step 8: Check final alignments. Springs do not have to be centered over axle. Position 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 there are no obstructions to the vertical travel of the SuperSprings.

Step 9: Repeat the same process on the other side of vehicle if required.

Step 10: Lower the vehicle and remove jack and blocks.

Step 11: 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

Ford F53 Class A 16-26k GVWR [1990 - 2016]

SuperSprings Part#SSA41



Poly Spring Pad PSP-19



PSP-19 installed under SuperSpring



Rear Shackle



Front Shackle

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

SuperSprings®

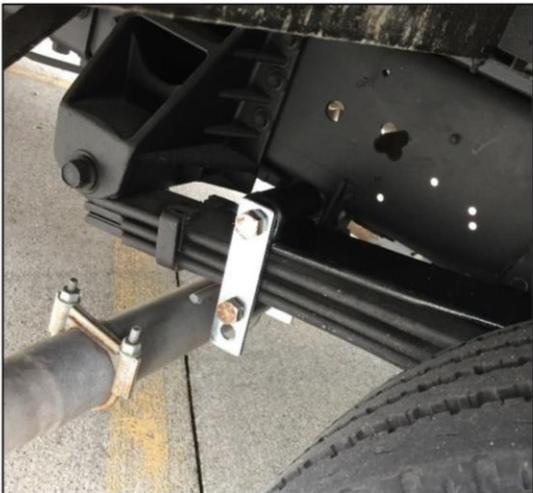
Suspension Enhancement
Ford F59 Chassis 2011-2018
SuperSprings SSA41-SSA44



Poly Spring Pad PSP-19



PSP-19 installed under SuperSpring



Front Shackle



Rear Shackle

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