

# INSTALLATION INSTRUCTIONS

## PRIMARY APPLICATION

- Ford F-350 Cab & Chassis 2WD (2019)
- Ford F-350 Cab & Chassis 4WD (2019)

## TOOLS REQUIRED

- 1 Floor Jack
- 2 Jack Stands
- 4 Wheel Blocks
- 1-1/16" wrenches/sockets
- 1-1/8" wrenches/sockets
- 1 - C-clamp or ITL-1\*

## ITL-1\*

The SuperClamp is a modified 12" BESSEY® F-Clamp featuring a 35° MorPad swivel head, custom Acme threaded screw with nut for using pneumatic impact tools, and unique U-shaped jaw designed specifically for light and medium duty SuperSprings.

*\*Optional SuperSprings Installation Tool*

## PARTS LIST

Item	Part #	Description	QTY
A	SSA50	SuperSprings	2
B	111135	Spring Lock-Down Kit	1
C	PSP-11	Poly Spring Pad	2

1. Vehicle must be on level solid surface. Ensure emergency brake is ON and Ignition is OFF. Place blocks in front and rear of the front tires to prevent the vehicle from moving.
2. Jack up the vehicle and support the frame with jack stands so that the axle is hanging with tires slightly off the ground. You may remove the wheel for easier installation access but it is not required.
3. Place PSP-11 pads on the spring-plate with smooth side facing up and cross-slot to the front. Position lock down assembly U-bolt as shown to the right.
4. Insert the SuperSprings so it is resting on the PSP-11 and on top of the factory overload leaf with the front shackle just behind the front overload perch. Ensure that the springs is orientated properly based on the "Driver/Passenger Front" stickers and the threads of the bolts are facing out away from the frame.
5. Using a heavy-duty clamp or SuperSprings installation tool, compress the front of the SuperSprings until the spring eye is below the overload perch.
6. Using a dead blow mallet, tap on the rear of the SuperSprings to maneuver it forward and position the front shackle as seen to the right. The SuperSprings eye bolt should be centered between the sway bar end link and the gusset of the overload perch. Once in position, compress the SuperSprings further and install the bolt/roller in the bottom shackle hole. Ensure that the threads of the bolt is facing out away from the frame.



## INSTALLATION INSTRUCTIONS

7. Using a heavy-duty clamp or SuperSprings installation tool, compress the rear of the SuperSprings and attach the shackle to the leaf pack as seen to the right. The rollers and bolt may be installed in the bottom hole position for less preload, or in the upper hole position for more preload.
8. Place the U shaped cross plate over the ends of the center lock down u-bolt with the U shape facing down and tighten in place with the 3/8 lock nuts.
9. Lower the truck to the ground. Double check for any clearance or interference issues.



Part Number: SSA50 ▶ Product Line: SUPERSPRINGS

Page 2

**SuperSprings International, Inc.**

505 Maple Avenue  
Carpinteria, CA 93013

**Technical Support**

+1 (866) 898-0720  
tech@supersprings.com

supersprings.com

**SAFETY NOTICE:** We recommend installation be done by a professional or persons with sound mechanical knowledge.

**WARNING:** These instructions are a general guide for installation. SuperSprings International, Inc. assumes no liability for the actual installation process. Consumers and installers should apply common automotive safety practices when raising and working on any vehicle. **Do not put yourself in a position where, if the vehicle were to move unexpectedly, you may be injured.** SuperSprings' products are designed to improve vehicle ride quality. Do not load any vehicle beyond the manufacturer's specifications.

**Never exceed the manufacturer's Gross Vehicle Weight Rating (GVWR) located on your vehicle's identification tag.**

**BEFORE INSTALLATION:** Ensure the vehicle is on a level surface, the parking brake is ON, with the ignition OFF, and place blocks in front of and behind the front tires to prevent the vehicle from moving.

**DURING AND/OR AFTER INSTALLATION:** Ensure emergency brake cables are not touching the SuperSprings. Secure any cables out of the way with zip ties or by re-routing. **Ensure all A/C lines, brake cables and frame are clear of contact or interference.**