

PART NUMBER

**SSF-111-40, 47 & 54**



**NOTE:** To watch the video of this installation, please visit our YouTube page: [www.youtube.com/supersprings](http://www.youtube.com/supersprings)  
Video URL: <https://youtu.be/SfFnInZAV4c>

**BEFORE YOU BEGIN**

**APPLICATIONS**

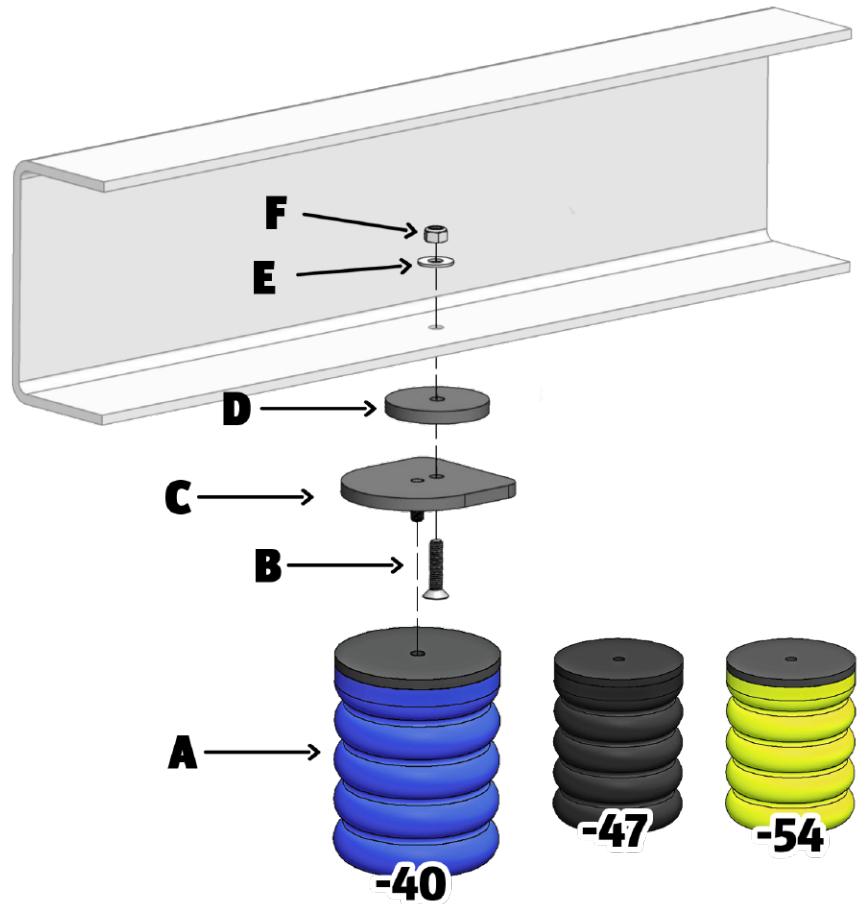
- › Ford F250 SuperDuty 2WD/4WD (2005 - present)
- › Ford F350 SuperDuty 2WD/4WD (2005 - present)
- › Ford F450 SuperDuty 2WD/4WD (2005 - present)
- › Ford F550 SuperDuty 2WD/4WD (2005 - present)

**TOOLS REQUIRED**

- › Floor jack
- › Safety jack stands
- › 6mm allen wrench

**PARTS LIST**

Item	Part #	Description	QTY
A	511440	SumoSprings Blue -40	2
	511421	SumoSprings Black -47	
	511432	SumoSprings Yellow -54	
B	512099	M8 x 35mm FHCS	2
C	512245	Adapter plate	2
D	512099	5/16" x 2.5" spacer	2
E	512245	Flat washer	2
F	512099	M8 nylock nut	2



**PASSENGER SIDE (DRIVER'S SIDE IDENTICAL)**

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**IMPORTANT NOTICE:** Your part may have been loosley preassembled to show the final product as it will be once installed on your vehicle. Please disassemble the product before proceeding to the installation.

**INSTALLATION**

1. Park the vehicle on a hard, level surface and engage the emergency brake. Place blocks in front and behind wheels to prevent rolling. Observe all safety precautions and wear safety glasses.
2. Raise the front of the truck, allowing the axle to hang freely. Support the frame using safety jack stands. Removing the front wheels is optional.
3. First, remove the factory bump stop by pulling it firmly and twisting until it pops out. Next, remove the factory bolt and retaining cup using a 10mm socket and ratchet.
4. Insert the M8 x 35mm FHCS [ITEM B] through the adapter plate [ITEM C] and spacer [ITEM D] and thread directly into the original hole in the frame. On older models you may need to use the flat washer [ITEM E] and lock nut [ITEM F].  
*IMPORTANT NOTE: Ensure that the adapter plate is positioned with the stud toward the front of the vehicle as shown in the diagram.*
5. Apply a drop of Loctite to the stud on the adapter plate, thread on the SumoSprings [ITEM A], and tighten securely.
6. Repeat steps three through five on the opposite side of the vehicle.
7. Raise the vehicle to allow room to remove the safety jack stands. Reinstall the front wheels if they were removed and torque wheel nuts to manufacturers spec.
8. Carefully lower vehicle to the hard surface and remove the blocks from the wheels.
9. Register the warranty for your SuperSprings International part. A warranty card can be found in the box your part came in.

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**STOCK BUMPSTOP VS. SUMOSPRINGS**



**SSF-111-47 INSTALLED**

**Part Number: SSR-111-40, 47 & 54**

**Product Line: SUMOSPRINGS FRONT**

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**SuperSprings International, Inc.**

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**Installation Support**

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[supersprings.com](http://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 Rating (GVWR) located on your vehicles 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.**