

PART NUMBER

## SSF-111-40/47/54/60



SCAN HERE: To watch a video of this installation



### BEFORE YOU BEGIN

#### PARTS LIST

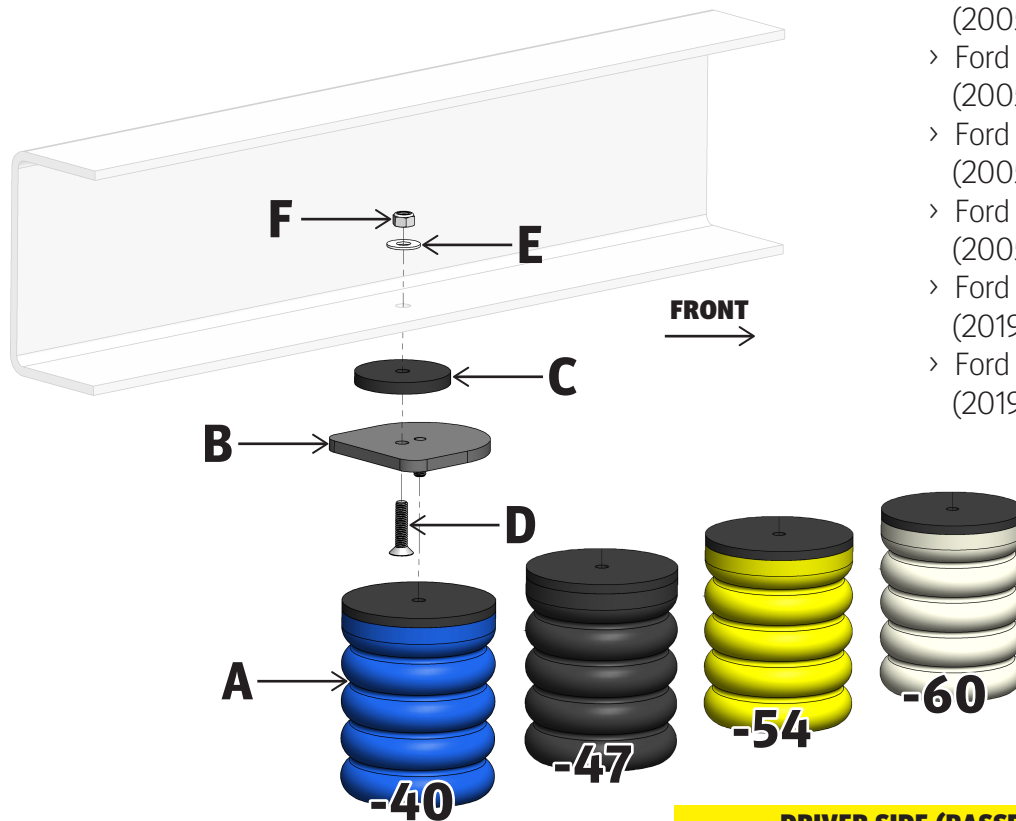
Item	Part #	Description	QTY
A	511440	SumoSprings Blue -40	2
	511421	SumoSprings Black -47	
	511432	SumoSprings Yellow -54	
	511452	SumoSprings White -60	
B	512012	Adapter Plate	2
C	512009	5/16" x 2 1/2" Spacer	2
D	512267	M8 x 35mm FHCS	2
E	512244	Flat Washer	2
F	512219	M8 Nylock Nut	2

#### TOOLS REQUIRED

- > Floor Jack
- > Jack Stands
- > Wheel Chocks
- > 7/32 Allen Key

#### PRIMARY APPLICATIONS

- > Ford F-250 Super Duty 4 X 2 (2005 - present) (-40, -47, -54)
- > Ford F-250 Super Duty 4 X 4 (2005 - present) (-40, -47, -54)
- > Ford F-350 Super Duty 4 X 2 (2005 - present) (-40, -47, -54)
- > Ford F-350 Super Duty 4 X 4 (2005 - present) (-40, -47, -54)
- > Ford F-450 Super Duty 4 X 2 (2005 - present) (-40, -47, -54, -60)
- > Ford F-450 Super Duty 4 X 4 (2005 - present) (-40, -47, -54, -60)
- > Ford F-550 Super Duty 4 X 2 (2005 - present) (-40, -47, -54, -60)
- > Ford F-550 Super Duty 4 X 4 (2005 - present) (-40, -47, -54, -60)
- > Ford F-600 Super Duty 4 X 2 (2019 - present) (-54 & -60 only)
- > Ford F-600 Super Duty 4 X 4 (2019 - present) (-54 & -60 only)



**DRIVER SIDE (PASSENGER SIDE SIMILAR)**

Part Number: SSF-111-40/47/54/60

Product Line: SUMOSPRINGS FRONT

Page 1

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**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 (SSI) 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.** SSI's 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 hard level surface, the parking brake is ON, with the ignition OFF, and place chocks in front of and behind the tires to prevent the vehicle from moving.

**DURING AND/OR AFTER INSTALLATION:** Ensure emergency brake cables are not touching the SSI products. 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.

REV. 2.01 | JAN 2023

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**IMPORTANT NOTICE:** Your part may have been loosely 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 chocks 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. Starting on the driver side, remove the existing factory bump stop by pulling it firmly and twisting until it pops out. Then remove the factory bolt and retaining cup using a 10mm socket and ratchet.
4. Insert the M8 x 35mm FHCS [ITEM D] through the Adapter Plate [ITEM B] and Spacer [ITEM C] 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 Blue Thread Locker to the stud on the Adapter Plate [ITEM B], thread on the SumoSPrings [ITEM A], and tighten securely.
6. Repeat steps 3 through 5 on the passenger 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 specifications.
8. Carefully lower vehicle to the hard surface and remove the chocks 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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**Page 2**

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