

PART NUMBER

**SSR-127-47/54**

**SumoSprings®**

## BEFORE YOU BEGIN

### PRIMARY APPLICATIONS

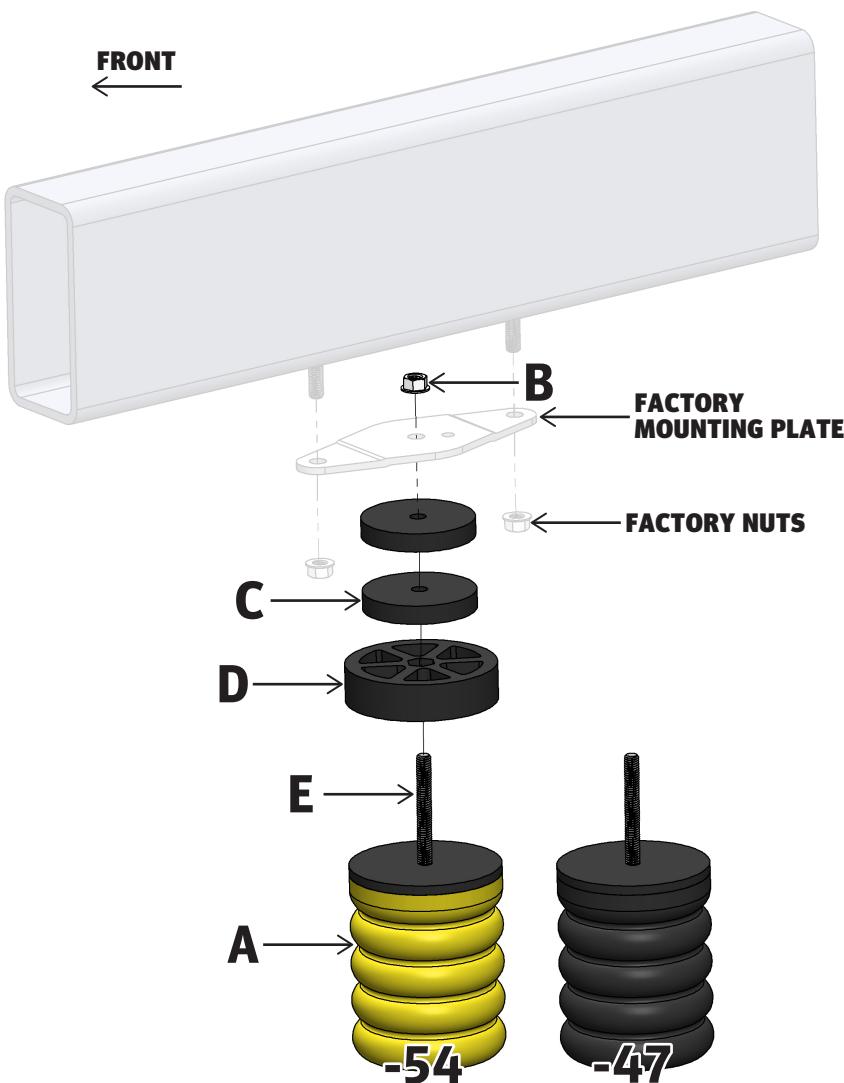
- > Ford F-250 Super Duty 4 X 2 (2017 - present)
- > Ford F-250 Super Duty 4 X 4 (2017 - present)
- > Ford F-350 Super Duty 4 X 2 (2017 - present)
- > Ford F-350 Super Duty 4 X 4 (2017 - present)

### PARTS LIST

Item	Part #	Description	QTY
A	511421-38	SumoSprings Black -47	2
	511404-38	SumoSprings Yellow -54	
B	512209	3/8-16 Flange Nut	2
C	512116	3" x 1/2" Spacer	4
D	512117	4" x 1" Spacer	2
E	512257-3.5	3/8-16 x 3 1/2" Stud (Preinstalled in SumoSpring)	2

### TOOLS REQUIRED

- > Floor Jack
- > Jack Stands
- > Wheel Chocks
- > Metric Sockets/Wrenches
- > 9/16 Socket/Wrench



## DRIVER SIDE (PASSENGER SIDE SIMILAR)

**Part Number: SSR-127-47/54**

**Product Line: SUMOSPRINGS REAR**

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Questions or Concerns?

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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.

PART NUMBER

**SSR-127-47/54****SumoSprings®****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 rear of the vehicle allowing the axle to hang free and rest the frame on the safety jack stands rated for the weight of the vehicle. Removal of the rear wheels is optional.
3. Starting on the driver side, un-bolt and remove the two nuts holding the existing factory bump stop mounting plate to the underside of the frame.
4. Remove the existing factory bump stop from the factory mounting plate.
5. Assemble the Sumospring [ITEM A], 3" x ½" Spacers [ITEM C], and 4" x 1" Spacer [ITEM D] as indicated in the diagram. The diagram shows the configuration for the least air gap and most engagement. If more air gap (less engagement) is desired, spacers can be removed.

**ATTENTION:** At least one of the 3" x ½" Spacers [ITEM C] must be used for proper fit to factory mounting plate.

6. Reinstall the factory mounting plate with Sumospring assembly to the frame in the original location using the factory nuts.
7. Repeat steps 3 through 6 on the passenger side of the vehicle.
8. If rear wheels were removed you can now reinstall the rear wheels and torque wheel nuts to manufacturers specifications.
9. Jack up vehicle, remove safety jack stands.
10. Remove wheel chocks from the front wheels.
11. 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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