

PART NUMBER

SSR-127-47/54



BEFORE YOU BEGIN

PRIMARY APPLICATIONS

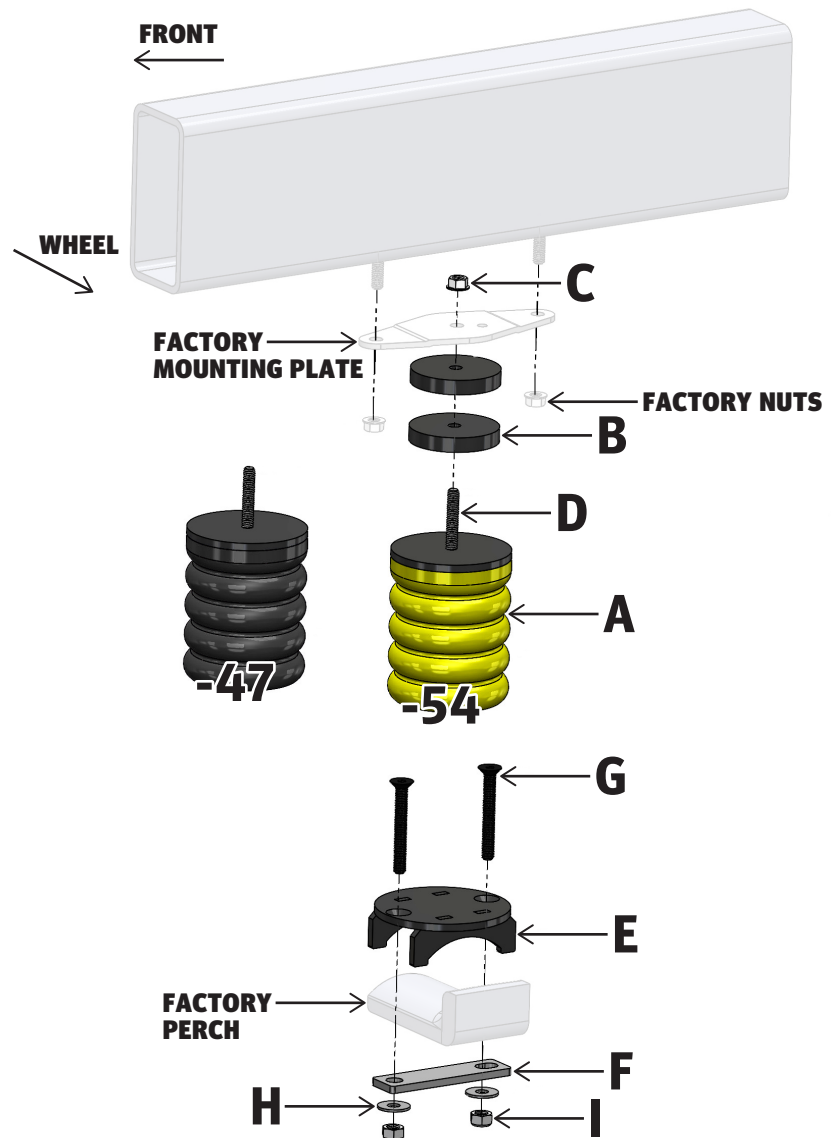
- > Ford F-250 Super Duty 4 X 2 (2017 - present)
- > Ford F-250 Super Duty 4 X 4 (2017 - present)
- > Ford F-350 Super Duty 4 X 2 (2017 - present)
- > Ford F-350 Super Duty 4 X 4 (2017 - present)

PARTS LIST

Item	Part #	Description	QTY
A	511421-38	SumoSprings Black -47	2
	511404-38	SumoSprings Yellow -54	
B	512116	3" x 1/2" Spacer	4
C	512209	3/8-16 Flange Nut	2
D	512257-2.5	3/8-16 x 2 1/2" Stud (Preinstalled in SumoSpring)	2
E	512196	Contact Plate	2
F	112203	Mounting Kit Cross Plate	2
G	512386	M10-1.5 x 80mm FHCS	4
H	512384	Steel Washer	4
I	512369	M10-1.5 Lock Nut	4

TOOLS REQUIRED

- > Floor Jack
- > Jack Stands
- > Wheel Chocks
- > 17mm Socket
- > Ratchet
- > 6mm Allen Key



DRIVER SIDE (PASSENGER SIDE SIMILAR)

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Product Line: SUMOSPRINGS REAR

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Questions or Concerns?

Scan here:



or visit:
superspringsinternational.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 (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.

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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. Retain the factory nuts for installation of the SumoSprings.
4. Remove the existing factory bump stop from the factory mounting plate. Retain factory mounting plate.
5. Assemble the SumoSpring [ITEM A], and the 3" x ½" Spacers [ITEM B], to the Factory Mounting Plate, using the Flange Nut [ITEM C] as indicated in the diagram. The diagram shows the configuration for the least air gap/most engagement. If more air gap/less engagement, is desired, one of the 3" x ½" Spacers [ITEM B] can be removed.

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

6. Install the assembly back onto the frame where the Factory Mounting Plate was removed using the Factory Nuts.

NOTE: The bottom contact plate for this kit is only used on vehicles that have a perch over the axel tube.

7. Pre-assemble the Contact Plate [ITEM E] with the Mounting Kit Cross Plate [ITEM F], two M10-1.5 x 80mm FHCS [ITEM G], two Steel Washers [ITEM H], and two M10-1.5 Lock Nuts [ITEM E], do not tighten.
8. Slide the Contact Plate assembly onto the factory perch, ensure a ¼" clearance from the end of the perch.
9. Tighten the M10-1.5 x 80mm FHCS [ITEM G] and M10-1.5 Lock Nuts [ITEM E] on the Contact Plate assembly.
10. Repeat steps 3 through 9 on the passenger side of the vehicle.
11. If rear wheels were removed you can now reinstall and torque wheel nuts to manufacturers specifications.
12. Jack up the vehicle and remove the safety jack stands. Remove wheel chocks from the front wheels.
13. 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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