

PART NUMBER

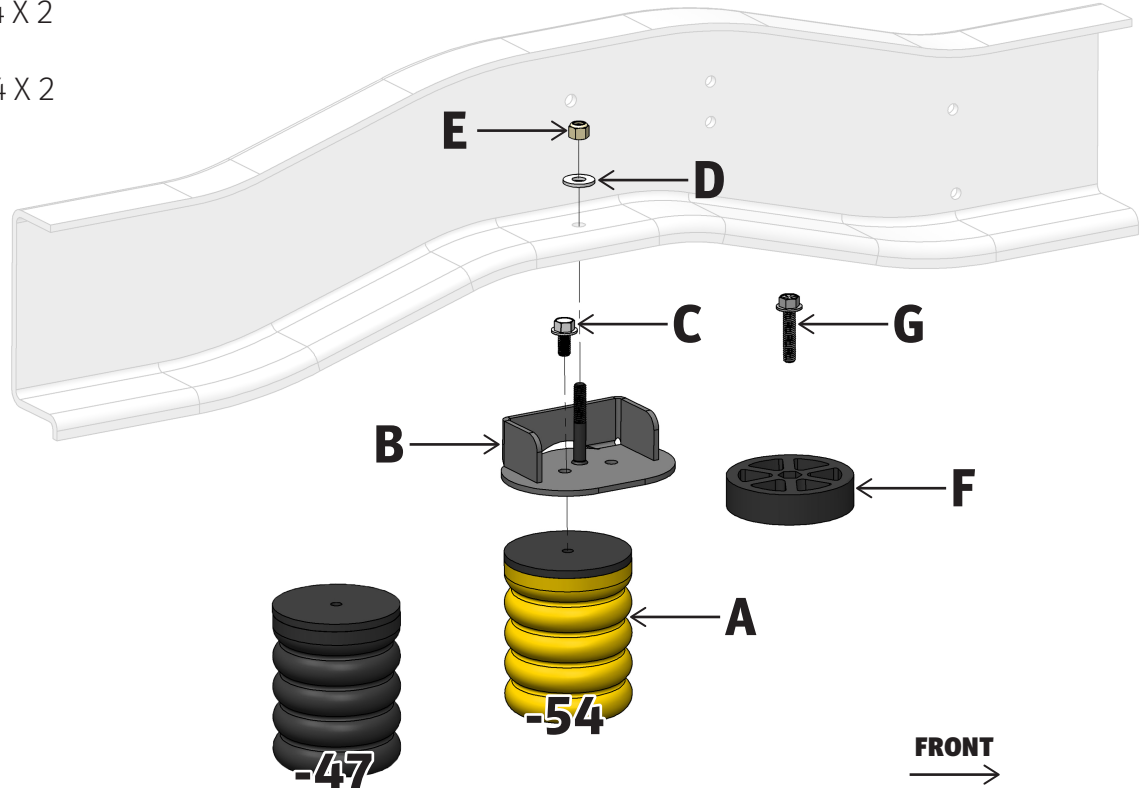
SSR-130-47/54



BEFORE YOU BEGIN

PRIMARY APPLICATIONS

- › Ford E-350 Super Duty 4 X 2 (2012 - present)
- › Ford E-450 Super Duty 4 X 2 (2012 - present)



TOOLS REQUIRED

- › Floor Jack
- › Jack Stand
- › Wheel Chocks
- › Standard & Metric Wrenches/Sockets

PARTS LIST

Item	Part #	Description	QTY
A	511404-38	SumoSprings Yellow -54	2
	511421-38	SumoSprings Black -47	
B	512349	Mounting Bracket	2
C	512207	3/8-16 x 3/4" Flange Bolt	2
D	512227	3/8 Flat Washer	2
E	512323	3/8-16 Nylock Nut	2
F	512117	1" Spacer	2
G	512274	3/8-16 x 1 3/4" Flange Bolt	2

DRIVER SIDE (PASSENGER SIDE SIMILAR)

Part Number: SSR-130-47/54

Product Line: SUMOSPRINGS REAR

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Questions or Concerns?

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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 vehicle on level hard surface. Place wheel chocks in front and behind the front 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 factory bump stop from the underside of the frame and set aside.
4. Attach the Mounting Bracket [ITEM B] to the frame by inserting the stud into the same hole from which the factory bump stop was removed. Position the bracket so that the open side is facing inboard as in the diagram.
5. Secure the bracket in place using the 3/8-16 Nylock Nut [ITEM E] and 3/8 Flat Washer [ITEM D] and tighten firmly.

CAUTION: Do NOT over tighten nut or bracket will bend.

6. Attach SumoSpring [ITEM A] to the rear hole of the mounting bracket using 3/8-16 x 3/4" Flange Bolt [ITEM C] and torque to 25 ft. lbs. (see diagram)
7. Repeat steps 3 through 6 on the passenger side of the vehicle.

NOTE: If more engagement is desired, the SumoSpring may be mounted to the bracket using the 1" Spacer [ITEM F] and 3/8-16 x 1 3/4" Flange Bolt [ITEM G].

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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