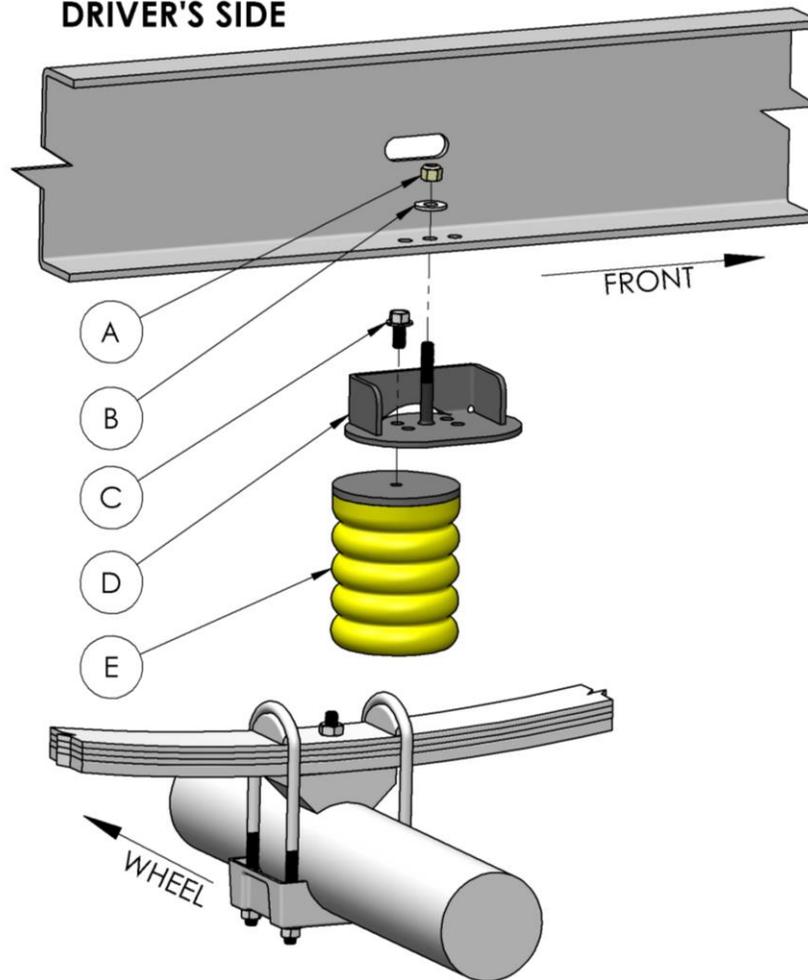


SumoSprings Rear

Ford F250/F350 Super Duty 2x4, 4x4 (1999-2016)
Part #SSR-114-47/54 Installation Instructions

DRIVER'S SIDE



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

Installation Instructions

- 1) Park vehicle on level hard surface. Place wheel blocks 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's side un-bolt and remove the factory jounce bumper from the underside of the frame and set aside. Some older model trucks have convoy clips that will interfere with the brackets. The convoy clips need to be removed before installation of the SumoSprings. To remove the convoy clips, grind or drill out the rivets that hold it to the frame.
- 4) Assemble the parts as indicated in the diagram. Attach the SumoSpring (Item E) to the bracket (Item D) using the 3/8-16 x 3/4" bolt (Item C). Be sure to use the hole that will be closest to the rear and furthest outboard toward the wheel of the vehicle.
- 5) Attach the mounting bracket (Item D) to the underside of the frame using the flat washer (Item B) and lock nut (Item A). Install mounting stud in the same hole as the factory bump stop.
- 6) If more support is required, install the 1" spacer between bracket and SumoSpring using the 3/8-16 x 1-3/4" bolt.
- 7) Repeat steps three through six on the passenger's side of the vehicle.
- 8) If rear wheels were removed you can now reinstall the rear wheels and torque wheel nuts to manufacturers spec.
- 9) Jack up vehicle, remove safety jack stands.
- 10) Remove wheel blocks from the front wheels.
- 11) Fill out warranty card and send to SuperSprings. The warranty card is an attached document.

Important Notice.

- 1) For easy installation please read instructions completely first and have all necessary tools available.
- 2) We recommend that this installation be done by a professional or persons with sound mechanical knowledge.
- 3) SumoSprings are designed to work with the original factory springs only. If they have been replaced with aftermarket springs then please consult with Supersprings International at 866-898-0720.
- 4) These instructions are meant as a guide for the installation of SumoSprings. SuperSprings International assumes no liability for the actual installation process. Installers should apply common automotive safety practices when raising, lowering and working on vehicles.
- 5) SumoSprings are designed to enhance the vehicles load carrying performance and road handling however it does not authorize (or recommend) loading beyond the manufacturer's GVWR specifications.
- 6) For technical support contact SuperSprings International at 866-898-0720.

To prevent damage to the vehicle and to ensure safety, do not exceed the maximum load recommended by the vehicles manufacturer (GVWR).