

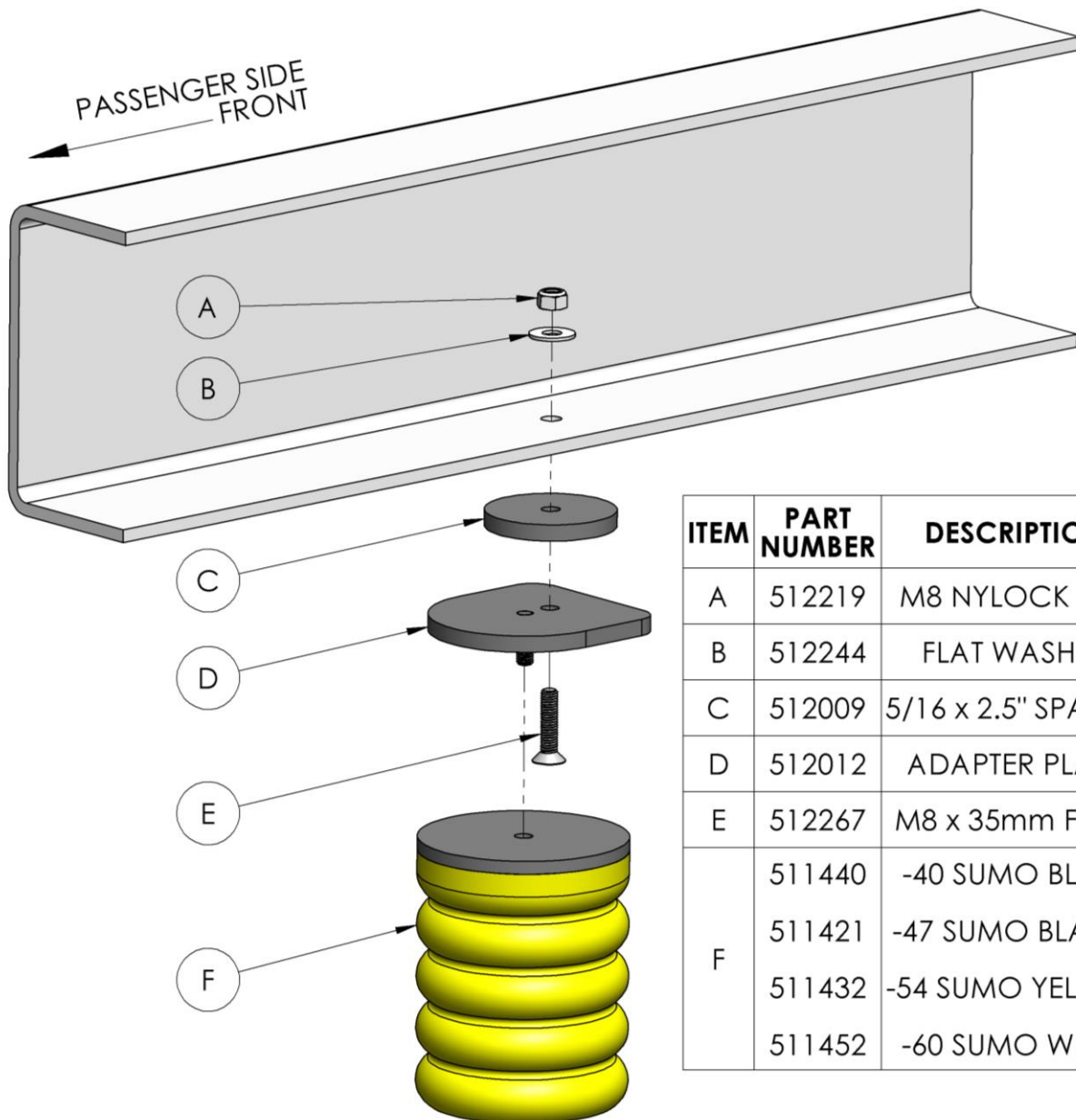
SumoSprings® Front

SSF-111-40|47|54|60

Suspension Enhancement

Ford F250/350/450/550 Super Duty, 2wd & 4wd

2005-2018



ITEM	PART NUMBER	DESCRIPTION
A	512219	M8 NYLOCK NUT
B	512244	FLAT WASHER
C	512009	5/16 x 2.5" SPACER
D	512012	ADAPTER PLATE
E	512267	M8 x 35mm FHCS
F	511440	-40 SUMO BLUE
	511421	-47 SUMO BLACK
	511432	-54 SUMO YELLOW
	511452	-60 SUMO WHITE

Installation Instructions

- 1) Park vehicle on level hard surface. Engage emergency brake. Place blocks in front and behind rear wheels to prevent rolling. Observe all safety precautions and wear safety glasses.
- 2) Raise front of vehicle allowing the axle to hang freely. Support the frame using safety jack stands.
- 3) Starting on the passenger side, remove existing factory jounce bumper assembly by grasping it firmly and with a twisting and pulling motion, work it until the jounce bumper pops out of the retaining cup. It can also be pried out of the retaining cup utilizing a large flat blade screwdriver.
- 4) Using a 10mm. socket and ratchet, remove the bolt and retaining cup.
- 5) Insert the M8x35mm FHCS (Item E) through the adapter plate (Item D) and the spacer (Item C)
- 6) On older models, insert the bolt through the original hole in the frame and secure with the flat washer (Item B) and lock nut (Item A). On newer models the bolt will thread directly into the frame, no need for the washer and nut. Ensure that the adapter plate is positioned with the stud toward the front of the vehicle as shown in the diagram.
- 7) Apply a drop of Loctite to the stud on the adapter plate and thread the SumoSPring on and tighten securely.
- 8) Repeat steps 3 through 7 on the driver side.
- 9) Jack up vehicle, remove safety jack stands.
- 10) Carefully lower vehicle to the hard surface. Remove the blocks in front and back of the rear wheels.
- 11) Release emergency brake.
- 12) Fill out warranty card and send to SuperSprings. The warranty card is on the reverse side of this page.

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.
- 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.

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