

# **SumoSprings** **Front**

Suspension Enhancement

Ford F-650 [2003 ~ 2015]

SumoSprings Part# SSF-107-47



**SSF-107-47 Parts**



**SSF-107-47 Installed**

Refer to SumoSprings application guide for part selection [www.supersprings.com](http://www.supersprings.com) [Tech line #866-898-0720]  
SumoSprings enhance load carrying capability, handling & towing. Never exceed vehicle manufacturer's GVWR rating.

## **Installation Instructions**

- 1) Park vehicle of 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 driver's side remove the OE bumpstop bracket by loosening 2x M12 OE nuts and bolts with 19mm socket & wrench. Use an 8mm hex key and 19mm deep socket wrench to detach the OE bumpstop from the factory bracket.
- 4) Prior to attaching the Sumospring apply loc-tite (supplied) to the threads of the 3/8-16 1.25" flat head cap screw (FHCS).
- 5) Attach the urethane spacer and SumoSpring to the OE bracket using the above cap screw with loc-tite using a 7/32" hex key wrench (Wet ref. torque value: 25-30 ft-lbs). Reinstall the OE bumpstop bracket re-using the factory hardware previously removed and tighten to spec. (reference picture on previous page).
- 6) Repeat steps three through five on the passenger's side of the vehicle.
- 7) Jack up vehicle, remove safety jack stands.
- 8) Carefully lower vehicle to the hard surface. Remove the blocks in front and back of the rear wheels.
- 9) Release emergency brake.
- 10) Fill out warranty card and send to SuperSprings. The warranty card is on the reverse side of this page.

### **Tool List**

- Floor Jack 1
- Jack Stands 2
- 8 mm hex wrench 1
- Socket wrench 1
- 19mm extra deep & std. socket 1
- 19mm wrench 1
- 7/32" hex wrench 1
- Wheel Blocks 4

### **Parts List**

- SumoSprings 2
- 3/8"-16 x 1.25" (FHCS) screw 2
- Urethane spacer .5" 2
- Loc-Tite sachet 1

### **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).***