

# **SumoSprings** **Front**

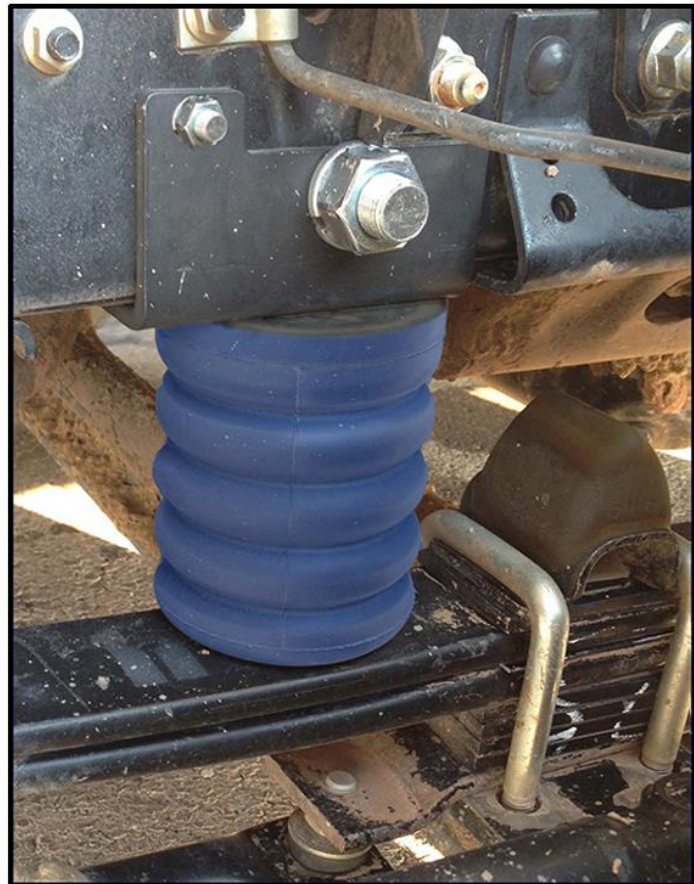
Suspension Enhancement

Isuzu NPR [2011 ~ present]

SumoSprings Part # SSF-601-40 ~ SSF-601-47



*Use SSF-601-40 for ride quality improvement.*



**SSF-601-40 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 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 driver's side remove bracket #512089 and attach the SumoSprung to the bracket using the supplied 3/8-16 FHCS. Prior to attaching the SumoSprung apply loc-tite (supplied) to the threads of the 3/8-16 flat head cap screw (FHCS).
- 4) Once the loc-tite is set place the assembled unit forward of the axle engaging two existing holes in the frame above from the outside of the frame (check picture on previous page).
- 5) The 3/4" hole in the bracket will align with the existing 3/4" hole in the frame to the front and the 3/8" hole in the bracket will align with the corresponding existing 3/8" hole in the frame just rear of the 3/4" hole.
- 6) Attach bracket to the outside of the frame using the supplied nuts and bolts and washers. The aligned 3/4" holes will be attached using a 3/4"-16 x 1.75" hex bolt, flat washer, lock-washer and hex nut.. Likewise the aligned 3/8" holes will be attached using 5/16-18 x 1" hex bolt, washer and lock-nut.
- 7) Repeat steps three through six on the passenger's side of the vehicle.
- 8) Jack up vehicle, remove safety jack stands.
- 9) Carefully lower vehicle to the hard surface. Remove the blocks in front and back of the rear wheels.
- 10) Release emergency brake.
- 11) 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
- 15/16" wrench 2
- 1/2" wrench 2
- Wheel Blocks 4

### **Parts List**

- SumoSprings 2
- Bracket #512089 1
- Bracket #512090 1
- 3/4"-16 x 1.75" bolts 2
- 3/4"-16 hex nuts 2
- 3/4" flat washer 2
- 3/4" spring washer 2
- 5/16"-18 x 1" bolts 2
- 5/16" washer 2
- 5/16" lock-nuts 2

### **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).**