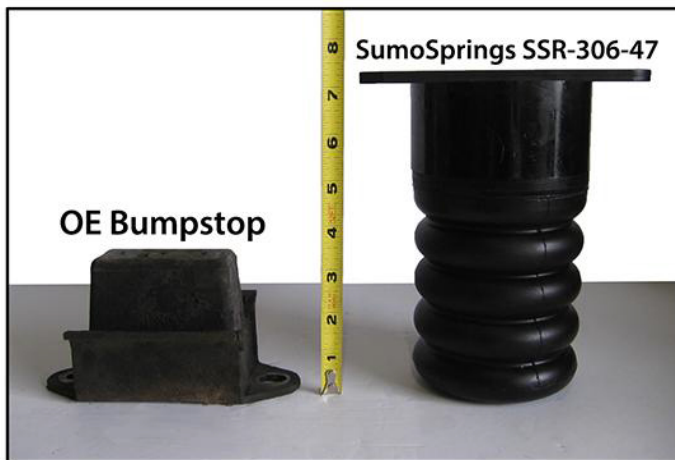


# **SumoSprings Rear**

Suspension Enhancement  
Dodge 1500 Pickup [2002~2008]  
SumoSprings Part# SSR-306-47



OE bumpstop compared to SSR-306-47

**SSR-306-47 Installed**



SumoSprings enhance load carrying capability, handling & towing. Never exceed vehicle manufacturer's GVWR rating.

## **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. Keep the securing bolts for attaching the Sumospring.
- 4) Remove Sumosprings SSR-306-47 parts from the box. Using the supplied 3/8"-16 x3" flat-head cap-screw thread the bolt through the bracket plate and the urethane spacer and attach to the top of the Sumospring. Prior to attachment place loc-tite on the threaded portion of the 3/8" flat-head cap-screw and secure tightly.
- 5) Attach the assembly to the underside of the frame, utilizing the same holes in the underside of the frame from which the factory bump-stop was removed, using the same two bolts that attached the original bump-stop to the frame.
- 6) Repeat steps three through five on the passenger's side of the vehicle.
- 7) If rear wheels were removed you can now reinstall the rear wheels and torque wheel nuts to manufacturer's spec.
- 8) Jack up vehicle, remove safety jack stands.
- 9) Remove wheel blocks from the front wheels.
- 10) Fill out warranty card and send to SuperSprings. The warranty card is an attached document.

### **Tool List**

- Floor Jack 1
- Jack Stands 2
- Wrench 1
- Wheel Blocks 4
- Allen Wrench (7/32") 1

### **Parts List**

- SumoSprings 2
- Urethane Spacer 2
- SumoSprings Bracket 2
- 3/8"-16 x 3" FHCS 2
- Lock-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.
- 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.

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