

# SumoSprings Rear

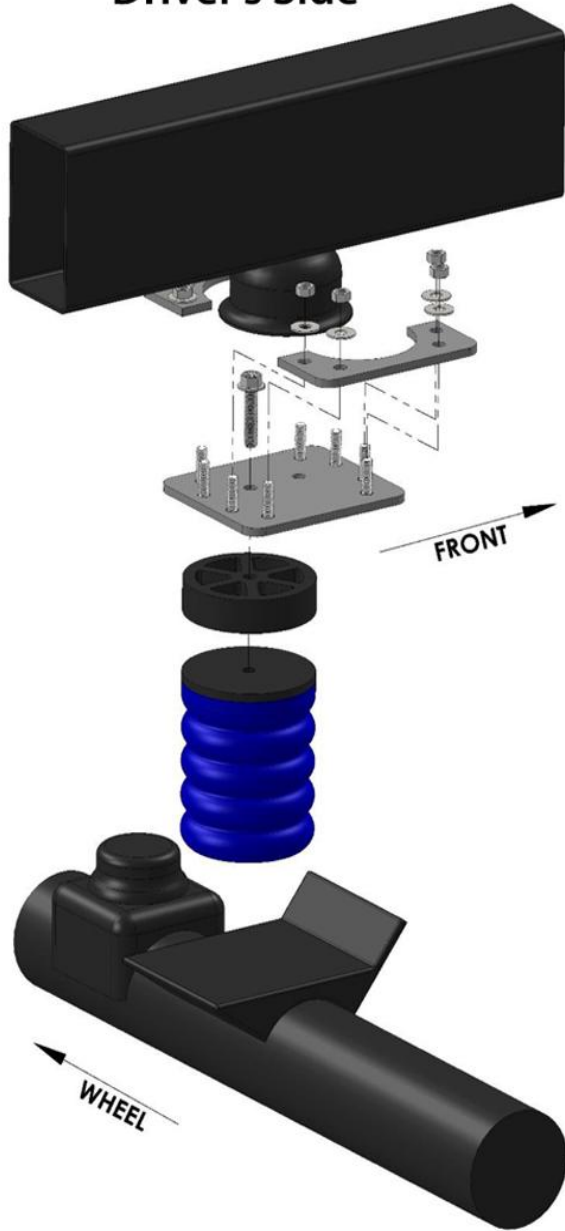
Suspension Enhancement

Dodge 1500 Pickup 2x4,4x4 [2009-Present]

SumoSprings Part# SSR-307-40

SSR-307-47

Driver's Side



SSR-307-40 Installation



Comparison



SSR-307-40 Installed

## **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 vehicle. Removal of the rear wheels is optional.
3. Remove the factory jounce bumpers from the underside of the frame by twisting or prying them out of their steel cups.
4. Starting on the driver's side assemble the top bracket assembly by attaching the top lower bracket to the 1" spacer and the SumoSpring using the 3/8-16 x 1 3/4" serrated flange bolt. Rotate bracket so that the SumoSpring is mounted using the hole that positions it furthest to the rear of the truck and closest to the wheel as seen in the diagram on page 1. This will center it over the contact pad on the axle.
5. Attach the two Top upper brackets to the Top lower bracket ensuring a firm grip onto the factory bump-stop receptacle using eight 5/16" USS flat washers and eight 5/16-18 Top-lock nuts. Prior to tightening the eight 5/16-18 top-lock nuts, ensure that the top bracket assembly aligns well with the contact pad on the axle.
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.
8. Jack up vehicle, remove safety jack stands and lower the vehicle to the hard surface. Remove front wheel blocks.
9. Fill out warranty card and send to SuperSprings.

### **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.
- 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 vehicle's load carrying performance and road handling however it does not authorize or recommend loading beyond the manufacturer's GVWR specifications.