

SumoSprings Rear

Suspension Enhancement

Dodge/Mercedes/Freightliner Sprinter 3500

[2003 - present]

SumoSprings SSR-338-47/SSR-338-54



*Insert deepest notch into front flange of bumpstop receptacle.



Standard axle configuration



Equipped with 2" axle spacer

Refer to SumoSprings application guide for part selection 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. 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 pulling and twisting the rubber tabs out of the frame brackets.
- 4) Remove a SumoSpring from the box.
- 5) Working from forward of the axle, insert the top REAR tab (end with the cut-out notch) at an angle, into the rear part of the frame bracket. Push the SumoSpring to the rear so the tab is seated as far back into the frame bracket as possible.
- 6) With the cut-out notch seated fully rearward, grab one corner of the front tab of the SumoSprings with long nosed pliers or vice-grips and turn it up under force to just start the front tab into the front frame bracket.
- 7) Once the corner of the tab is started into the bracket, use a flat spade screwdriver or small hand held pry tool to continue pushing the remaining portion of the tab into place.
- 8) Once the front tab is in place in the frame bracket, push the whole SumoSpring forward to seat it in place.
- 9) The SumoSpring should now be fully seated and centered over axle looking similar to the original factory bump-stop.
- 10) Repeat steps three through five on the passenger's side of the vehicle.
- 11) If rear wheels were removed you can now reinstall the rear wheels.
- 12) Jack up vehicle, remove safety jack stands and carefully lower the vehicle to the hard surface.
- 13) Remove wheel blocks from the front wheels. Test drive as desired.
- 14) 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. 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).