

# SumoSprings® Rear

Jeep Cherokee XJ [1984 ~ 2001]  
SumoSprings Part# SSR-402-40 ~ SSR-403-40 ~ SSR-404-40



SSR-403-40 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 weight of the vehicle. Removal of the rear wheels is optional.
- 3) Starting on the driver's side using a socket wrench, 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 parts from the box and attach the bracket plate and spacer(if used) to the top of the Sumospring using the correct length M8 flat head cap screw. Prior to attachment place loc-tite on the threaded portion of the screw and secure tightly.

**\*Note: Correct bolt length must be used to prevent damage to Sumospring\***

<b>Spacer Used</b>	<b>Length of Bolt</b>
<b>0</b>	<b>25mm</b>
<b>1"</b>	<b>50mm</b>
<b>2"</b>	<b>75mm</b>

- 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 and 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.

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

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