

SumoSprings Rear

Suspension Enhancement

Ford Transit 150 | 250 | 350 [2015 - Present]
SuperSprings Part# SSR-121-40/47/54



O.E.M. Bump Stop

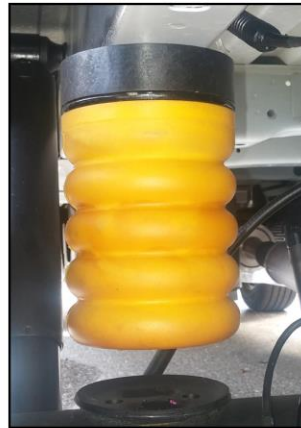


0.5" Spacer
1.0" Spacer
included



SSR-121-54

-40 **-47** **-54**



Depending on Transit configuration, use included spacers to achieve a .5" to 1" gap between bottom of Sumo and Axel Pad

Refer to SumoSprings application guide for part selection on www.supersprings.com [Tech line #866-898-0720]
SumoSprings enhance load carrying capability, handling & towing. Never exceed vehicle manufacture's GVWR rating.

Installation Instructions

- 1) Park vehicle on level hard surface. Engage emergency brake. Place blocks in front and behind front wheels to prevent rolling. Observe all safety precautions and wear safety glasses.
- 2) With the vehicle on the ground, measure the distance from the bottom of the frame to the contact pad on the axle. (Fig. 1)
- 3) The SSR-121-40, 47, & 54 kits come with several spacers and different length bolts to fit a variety of vehicle configurations. After taking the measurement, determine which combination of spacers will combine for a total height that is $\frac{1}{2}$ "-1" less than the measurement between the frame and axle. **(The 4"x1/8" washer must always be used directly on top of the Sumospring)**
- 4) Raise rear of vehicle allowing the axle to hang freely. Support the frame using safety jack stands.
- 5) Remove the original factory bumpstop by gripping firmly and twisting. (Fig. 2)
- 6) Remove the bumpstop cup (Fig. 3) using a ratchet and 13mm socket.
- 7) Insert appropriate length bolt from kit through the center of the Sumospring, 4" washer, and spacers as determined in step 3.
- 8) Apply loc-tite to the threads of the bolt and thread it into the same hole in the frame that the original bumpstop was removed from. Tighten the bolt using a 17mm socket with extension and torque to 20 ft-lbs.
- 9) Repeat steps three through eight on the other side of the vehicle.
- 10) Jack up vehicle, remove safety jack stands.
- 11) Carefully lower vehicle to the hard surface.
- 12) Remove wheel blocks from the front wheels.
- 13) Fill out warranty card and send to SuperSprings. The warranty card is an attached document.



Fig. 1



Fig. 2

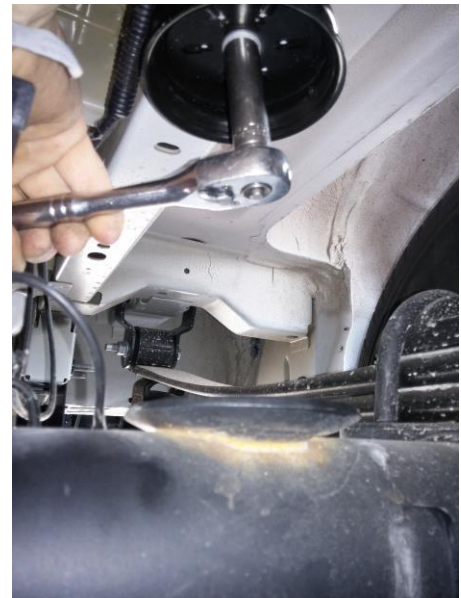


Fig. 3

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).