

SumoSprings Rear

Suspension Enhancement
FORD Ranger Pickup [1997 ~ 2012]
SumoSprings Part# SSR-113-40



*OE bumpstop
& SumoSprings
SSR-113-40
Comparison*



*Note: Flat
side of 1/2"
urethane
washer
facing toward
the differential
to avoid the
flange on the
frame.*



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) Raise rear of vehicle allowing the axle to hang freely. Support the frame using safety jack stands.
- 3) Remove existing factory jounce bumper assembly by loosening the nut on the inside of the frame.
- 4) Detach the SumoSpring from the adaptor plate (grip adaptor plate and twist off jounce). Attach the adaptor plate through the hole where the factory jounce bumper was located using 17mm socket or wrench and a 6mm hex key to install the offset plate and modified urethane washer. *Note: Avoid the metal lip on the frame by installing the modified urethane washer aligned with the flat side of the washer against the metal lip of the frame.* Apply Loc-Tite (supplied) to protruding threaded stud from underside of adaptor plate and screw the SumoSpring back onto the adaptor plate securely.
- 5) Repeat procedure on the other side.
- 6) Jack up vehicle, remove safety jack stands.
- 7) Carefully lower vehicle to the hard surface. Remove the blocks in front and back of the rear wheels.
- 8) Release emergency brake.
- 9) Fill out warranty card and send to SuperSprings. The warranty card is on the reverse side of this page.

Tool List

- Floor Jack 1
- Jack Stands 2
- 17mm Socket/Wrench 1
- Ratchet w/extension 1
- Wheel Blocks 4
- 6mm Hex Key Wrench 1

Parts List

- SumoSprings 2
- Modified Urethane Washer 2
- Plate Adaptor 2
- 10M x 50mm FHCS 2
- 10M Top-Lock Nut 2
- 10M Steel Washer 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.
- 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).