

INSTALLATION INSTRUCTIONS

PART NUMBER

SSF-402-54 | SSF-403-54



BEFORE YOU BEGIN

APPLICATIONS

- Jeep Gladiator (2019 - present)
- Jeep Wrangler JK (2007 - 2018)
- Jeep Wrangler JL (2019 - present)

TOOLS REQUIRED

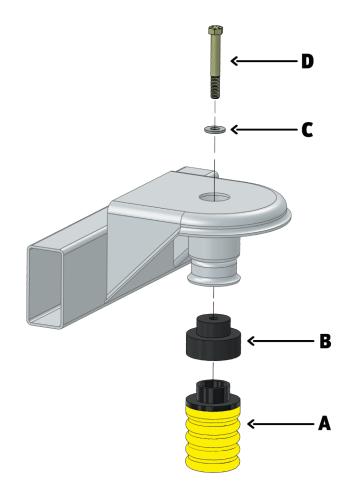
- > Floor jack
- Safety jack stands
- > Sockets and wrench

PARTS LIST

Item	Part #	Description	QTY
Α	511450	SumoSprings Yellow -54	2
В	512109	Spacer (in 403 kit only)	2
С	512227	Flat washer	2
D	512305	7/16" bolt (in 402 kit)	2
	512306	7/16" bolt (in 403 kit)	2



SSF-402-54 SSF-403-54



PASSENGER SIDE (DRIVER'S SIDE IDENTICAL)

NOTE: Use the SSF-402-54 on Jeeps with 0-3" lifts and the SSF-403-54 for any Jeep with a 3" lift bigger.

Part Number: SSF-402-54 | SSF-403-54

► Product Line: SUMOSPRINGS FRONT

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SuperSprings International, Inc.

505 Maple Avenue Carpnteria, CA 93013

Installation Support +1 (800) 898-0705

support@supersprings.com

supersprings.com

SAFETY NOTICE: We recommend installation be done by a professional or persons with sound mechanical knowledge.

WARNING: These instructions are a general guide for installation. SuperSprings International, Inc. assumes no liability for the actual installation process. Consumers and installers should apply common automotive safety practices when raising and working on any vehicle. Do not put yourself in a position where, if the vehicle were to move unexpectedly, you may be injured. SuperSprings' products are designed to improve vehicle ride quality. Do not load any vehicle beyond the manufacturer's specifications.

Never exceed the manufacturer's Gross Vehicle Rating (GVWR) located on your vehicles identification tag.

BEFORE INSTALLATION: Ensure the vehicle is on a level surface, the parking brake is ON, with the ignition OFF, and place blocks in front of and behind the front tires to prevent the vehicle from moving.

DURING AND/OR AFTER INSTALLATION: Ensure emergency brake cables are not touch-ing the SuperSprings. Secure any cables out of the way with zip ties or by re-routing. Ensure all A/C lines, brake cables, and frame are clear of contact or interference.



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IMPORTANT NOTICE: Your part may have been loosley preassembled to show the final product as it will be once installed on your vehicle.

Please disassemble the product before proceeding to the installation.

INSTALLATION

- **1.** Park the vehicle on a hard, level surface and engage the emergency brake. Place blocks in front and behind wheels to prevent rolling. Observe all safety precautions and wear safety glasses.
- **2.** Raise the rear of the Jeep, allowing the axle to hang freely. Support the frame using safety jack stands. Removal of the rear wheels is optional.
- **3.** First, disconnect the sway bar and shocks from the axle, followed by disconnecting the draglink from the pitman arm.
- **4.** Lower the axle far enough to remove the front coil so that you can remove the factory bump stop from the frame.
- 5. If you have a 3+" lift, use the spacers [ITEM B] and install them on the top of the SumoSprings [ITEM A].
- **6.** Install the top bracket of the SumoSpring (or top of the spacer) into bump stop mounting cup on frame and attach it with the flat washer [ITEM C] and proper length 7/16" bolt [ITEM D]. **NOTE:** Use the correct bolt length to make sure you don't damage the SumoSpring during installation or use.
- **7.** Repeat steps three through six on the opposite side of the vehicle.
- **8.** Reinstall the coil and reattach the draglink, shocks, and sway bar.
- **9.** Raise the vehicle to allow room to remove the safety jack stands. If rear wheels were removed you can now reinstall the rear wheels and torque wheel nuts to manufacturers spec.
- 10. Carefully lower vehicle to the hard surface and remove the blocks from the wheels.
- 11. Register the warranty for your SuperSprings International part. A warranty card can be found in the box your part came in.

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