

PART NUMBER

**SSR-408-40/47/54**



### BEFORE YOU BEGIN

#### PRIMARY APPLICATIONS

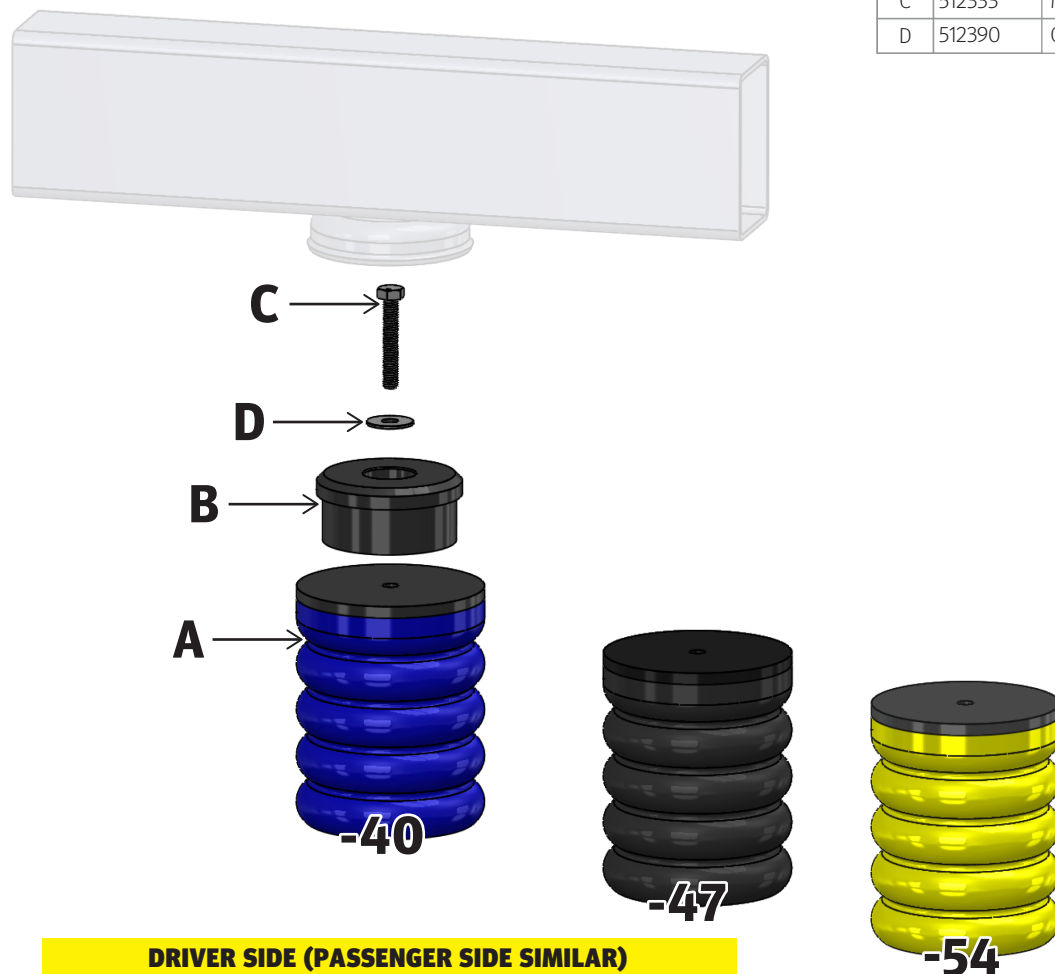
- › Jeep Gladiator 4 X 4 (2020 - present)

#### TOOLS REQUIRED

- › Floor Jack
- › Safety Jack Stands
- › Wheel Chocks
- › 13mm Socket
- › Ratcheting Wrench

#### PARTS LIST

Item	Part #	Description	QTY
A	511440	SumoSPrings Blue -40	2
	511421	SumoSPrings Black -47	
	511432	SumoSPrings Yellow -54	
B	512156	Polyurethane Sumo Top	2
C	512333	M8-1.25 x 50mm Bolt	2
D	512390	Oversized Washer	2



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Product Line: SUMOSPRINGS REAR

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Questions or Concerns?

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superspringsinternational.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 (SSI) 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.** SSI's 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 hard level surface, the parking brake is ON, with the ignition OFF, and place chocks in front of and behind the tires to prevent the vehicle from moving.

**DURING AND/OR AFTER INSTALLATION:** Ensure emergency brake cables are not touching the SSI products. 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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**INSTALLATION**

1. Park the Jeep on a hard, level surface and engage the emergency brake. Place chocks in front and behind the front wheels to prevent rolling. Observe all safety precautions and wear safety glasses.
2. Raise the rear of the Jeep to allow the axle to hang freely and support the frame using safety jack stands. Removal of the rear wheels is optional.

**NOTE:** during installation, refer to the diagram on page 1.

3. Starting on the driver side, remove the existing factory bump stop from the retaining cup. While holding it firmly, twist and pull until the bump stop pops out of the retaining cup. It can also be pried out of the retaining cup with a large flat blade screwdriver or something similar.
4. Attach the Polyurethane Sumo Top [ITEM B] to the top of one of the SumoSPrings [ITEM A] using a M8-1.25 x 50mm Bolt [ITEM C] and a Washer [ITEM D], torque assembly to 2.26Nm or 20lb-in. Be sure to add a drop of blue thread locker to the threads of the bolt [ITEM C] before assembly.
5. Place the Polyurethane Sumo Top [ITEM B] portion of the assembly into the retainer cup. Ensure the SumoSPring is firmly in place by pushing and twisting until the SumoSPring is held into place by the internal tangs.
6. Repeat steps 3 through 5 on the passenger side of the vehicle.
7. Raise the Jeep to allow room to remove the safety jack stands.
8. Carefully lower the Jeep and remove the chocks from the wheels.
9. Register the warranty for your SuperSprings International part. A warranty card can be found attached to the sticker pack in the box your parts came in.

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