

PART NUMBER

**SSR-312-47/54**



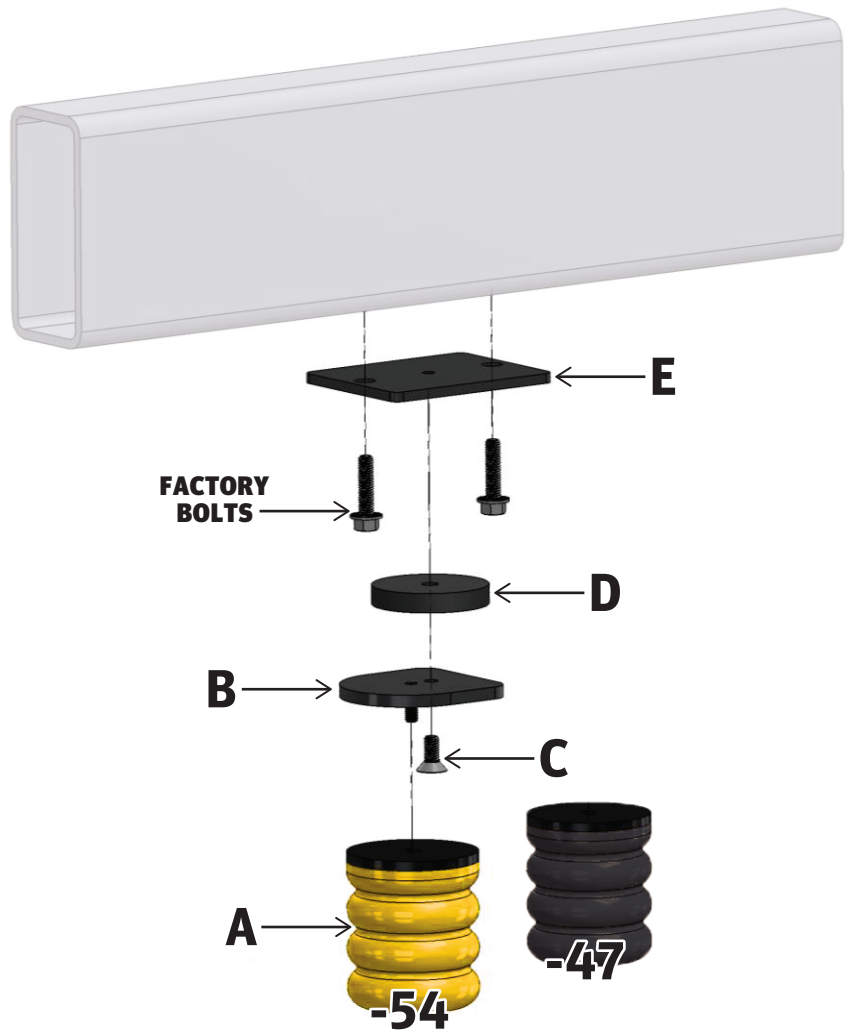
**BEFORE YOU BEGIN**

**PRIMARY APPLICATIONS**

- › RAM 2500 4 X 2  
(2014 - present)
- › RAM 2500 4 X 4  
(2014 - present)
- › RAM 3500 4 X 2  
(2014 - present)
- › RAM 3500 4 X 4  
(2014 - present)

**TOOLS REQUIRED**

- › Jack
- › Jack Stands
- › Wheel Chocks
- › Metric Sockets & Wrenches
- › 7/32 Allen Key



**PARTS LIST**

Item	Part #	Description	QTY
A	511432	SumoSprings Yellow -54	2
	511421	SumoSprings Black -47	
B	512027	Sumo Bracket	2
C	512340	3/8-16 x 1" FHCS	2
D	512116	Spacer	2
E	512125	Frame Bracket	2

**DRIVER SIDE (PASSENGER SIDE SIMILAR)**

**Part Number: SSR-312-47/54**

**Product Line: SUMOSPRINGS REAR**

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**SuperSprings International, Inc.**  
505 Maple Avenue  
Carpenteria, CA 93013

**Installation Support**  
+1 (800) 898-0705  
support@supersprings.com

superspringsint.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 touching 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.

REV. 2.0 | JAN 2022

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**IMPORTANT NOTICE:** Your part may have been loosely 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 vehicle on level hard surface. Engage emergency brake. Place chocks in front and behind the 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. Use a drop of the included blue Loctite on all threaded connections.
4. Remove existing factory Bump Stop assembly from the frame. Set aside factory bolts for reuse.
5. Disassemble the SumoSPring [ITEM A] from the Sumo Bracket [ITEM B] by twisting counter clockwise.
6. Disassemble Sumo Bracket [ITEM B] and Spacer [ITEM D] from Frame Bracket [ITEM E] by removing the 3/8-16 x 1" FHCS [ITEM C].
7. Bolt the Frame Bracket [ITEM E] to the frame using the factory bolts.
8. Mount the Spacer [ITEM D] and Sumo Bracket [ITEM B] to the Frame Bracket [ITEM E] using the 3/8-16 x 1" FHCS [ITEM C]. Be sure to position Sumo Bracket [ITEM B] so that the SumoSPring [ITEM A] will be shifted toward the rear of the truck as in the diagram.
9. Install the SumoSPring [ITEM A] to the Sumo Bracket [ITEM B] by threading it onto the stud and tighten securely.
10. Repeat steps 3 through 9 on the other side of the vehicle.
11. Jack up vehicle, remove safety jack stands.
12. Carefully lower vehicle to the hard surface. Remove the chocks in front and back of the front wheels.
13. Release emergency brake.
14. 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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<p><b>SuperSprings International, Inc.</b> 505 Maple Avenue Carpinteria, CA 93013</p> <p><b>Installation Support</b> +1 (800) 898-0705 support@supersprings.com</p> <p>superspringsint.com</p>	<p><b>SAFETY NOTICE:</b> We recommend installation be done by a professional or persons with sound mechanical knowledge.</p> <p><b>WARNING:</b> 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. <b>Do not put yourself in a position where, if the vehicle were to move unexpectedly, you may be injured.</b> SuperSprings' products are designed to improve vehicle ride quality. Do not load any vehicle beyond the manufacturer's specifications.</p>		<p><b>Never exceed the manufacturer's Gross Vehicle Rating (GVWR) located on your vehicles identification tag.</b></p> <p><b>BEFORE INSTALLATION:</b> 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.</p> <p><b>DURING AND/OR AFTER INSTALLATION:</b> Ensure emergency brake cables are not touching 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.</p>	
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