

PART NUMBER

**SSR-203-40-2/47-2**

**SumoSprings®**

SCAN HERE: To watch a video of this installation



## BEFORE YOU BEGIN

### PRIMARY APPLICATIONS

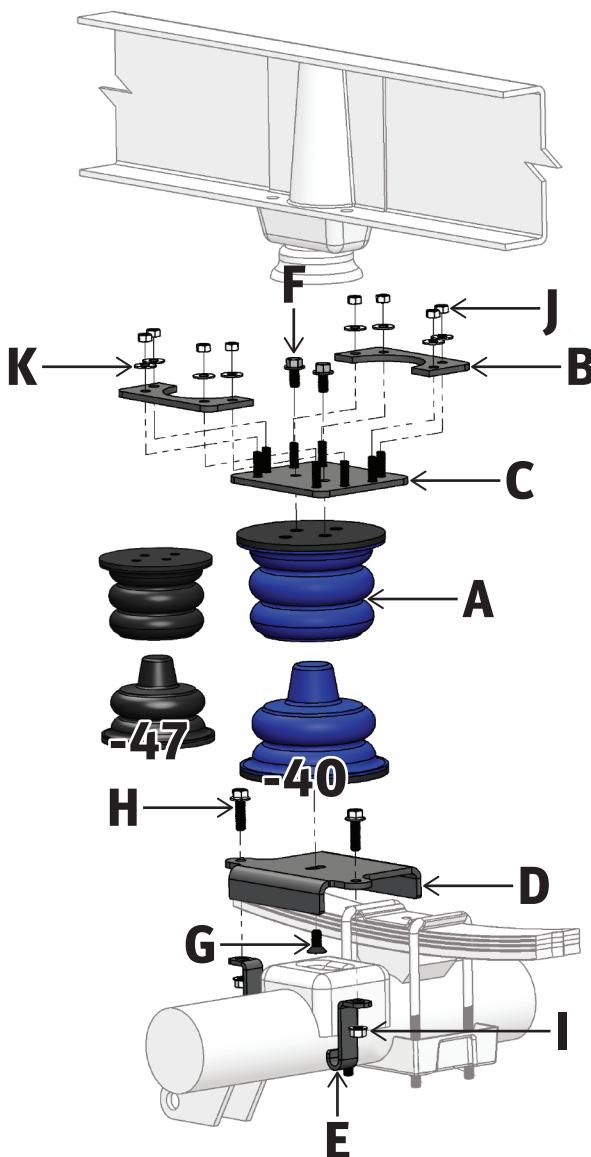
- > Chevrolet Silverado 2500 HD 4 X 2 & 4 X 4  
(2011 - present)
- > Chevrolet Silverado 3500 HD 4 X 2 & 4 X 4  
(2011 - present)
- > GMC Sierra 2500 HD 4 X 2 & 4 X 4  
(2011 - present)
- > GMC Sierra 3500 HD 4 X 2 & 4 X 4  
(2011 - present)

### TOOLS REQUIRED

- > Floor Jack
- > Jack Stands
- > Wheel Chocks
- > Ratchet and Sockets
- > 5mm Allen Key
- > Torque Wrench

### PARTS LIST

Item	Part #	Description	QTY
A	511419	SumoSprings Blue -40	2
	511418	SumoSprings Black -47	
B	512052	Top Upper Mounting Bracket	4
C	512053	Top Lower Mounting Bracket	2
D	512169	Bottom Mounting Bracket	2
E	512170	J-Hook	4
F	512207	3/8-16 x 3/4" Flange Bolt	4
G	512245	3/8-16 x 7/8" FHCS	2
H	512278	3/8-16 x 1 1/4" Flange Bolt	4
I	512209	3/8-16 Flange Nut	4
J	112208	5/16-18" Nylock Nut	16
K	512244	5/16" Flat Washer	16



**DRIVER SIDE (PASSENGER SIDE SIMILAR)**

**Part Number: SSR-203-40-2/47-2**

**Product Line: SUMOSPRINGS REAR**

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Questions or Concerns?

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**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.

PART NUMBER

**SSR-203-40-2/47-2****SumoSprings®****INSTALLATION**

1. Park the vehicle on a hard, level surface and engage the emergency brake. Place chocks in front and behind wheels to prevent rolling. Observe all safety precautions and wear safety glasses.
2. Raise the rear of the vehicle allowing the axle to hang freely and rest the frame on the safety jack stands rated for the weight of the vehicle. Removal of the rear wheels is optional.
3. Starting on the driver side, remove the factory bump stops from the underside of the frame.
4. Assemble the Bottom Mounting Bracket [ITEM D] to the bottom half of the SumoSpring [ITEM A] using a 3/8-16 x 7/8" FHCS [ITEM G].
5. Take the assembled bottom portion and position it over the contact pad on the axle. Make sure that the ears of the Bottom Mounting Bracket [ITEM D] are located inboard, away from the tire.
6. Place two 3/8-16 x 1 1/4" Flange Bolts [ITEM H] through the holes in the bottom mounting bracket, then place the J-Hooks [ITEM E] onto the bolts with the hook capturing the lower edge of the contact pad on the axle. Fasten the J-Hooks in place with two 3/8-16 Flange Nuts [ITEM I] and torque to 25 ft. lbs.
7. Assemble the Top Mounting Bracket assembly by attaching the Top Lower Mounting Bracket [ITEM C] to the top half of the SumoSpring [ITEM A] using two 3/8-16 x 3/4" Flange Bolts [ITEM F].
8. Attach the two Top Upper Mounting Brackets [ITEM B] to the Top Lower Mounting Bracket [ITEM C] onto the factory bump stop cup using eight 5/16" Flat Washers [ITEM K] and eight 5/16-18" Lock Nuts [ITEM J].
9. Repeat steps 3 through 8 on the other side of the vehicle.
10. Raise the vehicle, remove safety jack stands, and carefully lower vehicle to the hard surface. Remove the chocks in front and back of the rear 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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