

PART NUMBER

SSR-201-40-2/47-2



BEFORE YOU BEGIN

PRIMARY APPLICATIONS

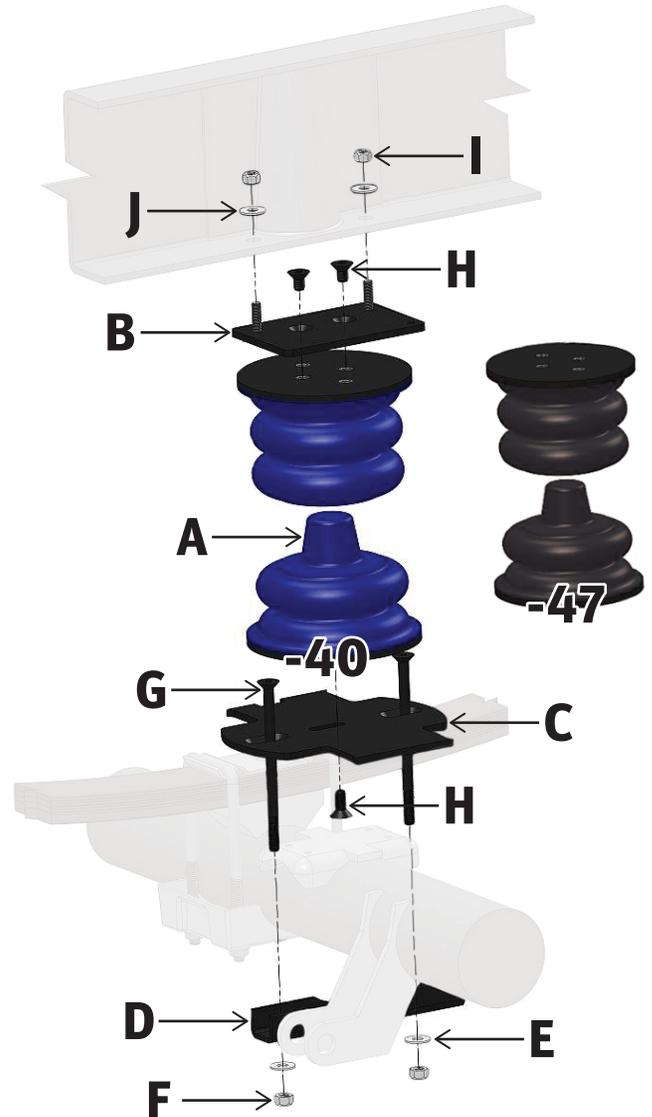
- > Chevrolet Silverado 2500 4 X 2 & 4 X 4 (2001 - 2004)
- > Chevrolet Silverado 2500 HD 4 X 2 & 4 X 4 (2001 - 2010)
- > Chevrolet Silverado 2500 HD Classic 4 X 2 & 4 X 4 (2007)
- > Chevrolet Silverado 3500 4 X 2 & 4 X 4 (2001 - 2006)
- > Chevrolet Silverado 3500 Classic 4 X 2 & 4 X 4 (2007)
- > Chevrolet Silverado 3500 HD 4 X 2 & 4 X 4 (2007 - 2010)
- > GMC Sierra 2500 4 X 2 & 4 X 4 (2001 - 2004)
- > GMC Sierra 2500 HD 4 X 2 & 4 X 4 (2001 - 2010)
- > GMC Sierra 2500 HD Classic 4 X 2 & 4 X 4 (2007)
- > GMC Sierra 3500 4 X 2 & 4 X 4 (2001 - 2006)
- > GMC Sierra 3500 Classic 4 X 2 & 4 X 4 (2007)
- > GMC Sierra 3500 HD 4 X 2 & 4 X 4 (2007 - 2010)

PARTS LIST

Item	Part #	Description	QTY
A	511419	SumoSprings Blue -40	2
	511418	SumoSprings Black -47	
B	512022	Upper Bracket	2
C	512029	Lower Bracket	2
D	512030	Axle Clamp	2
E	512227	3/8 Flat Washer	4
F	512323	3/8 Nylock Nut	4
G	512289	3/8-16 x 6" FHCS	4
H	512245	3/8-16 x 7/8" FHCS	6
I	512219	M8 Nylock Nut	4
J	512215	M8 Flat Washer	4

TOOLS REQUIRED

- > Floor Jack
- > Jack Stands
- > Wheel Chocks
- > 7/32 Allen Key
- > 9/16" Wrench



DRIVER SIDE (PASSENGER SIDE SIMILAR)

Part Number: SSR-201-40-2/47-2

Product Line: SUMOSPRINGS REAR

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Questions or Concerns?

Scan here:



or visit:
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 vehicle on level hard surface. Place wheel 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 vehicle allowing the axle to hang free and rest the frame on the safety jack stands rated for the vehicle. Removal of the rear wheels is optional.
3. Remove the factory bump stops from the underside of the frame and set aside for possible re-installation in the eventuality that the SumoSprings may be removed at a later date.
4. Assemble the top bracket assembly by bolting the Top Bracket [ITEM B] to the top of the Sumospring upper [ITEM A] using two 3/8-16 x 7/8" FHCS [ITEM H] as indicated. Then attach the upper assembly to the frame using the same two bolt-holes from which the bump-stop was removed using two M8 Nylock Nuts [ITEM I] and two M8 Flat Washers [ITEM J] per the diagram.
5. Assemble the lower bracket assembly by first installing the two 3/8-16 x 6" FHCS [ITEM G] and then attaching the Sumospring Lower [ITEM A] to the Bottom Bracket [ITEM C] using a 3/8-16 x 7/8" FHCS [ITEM H]. Do not fully tighten 3/8-16 x 7/8" FHCS [ITEM H] to allow for later adjustment.
6. Place the lower bracket assembly on the driver side axle housing with the cut-out in the Lower Bracket [ITEM C] facing toward the wheel as shown in the exploded view. (On the passenger side the cut-out faces away from the wheel.) Lift and tilt and twist the assembly ensuring the ears of the Lower Bracket lodge between the factory u-bolts and the factory spring-pack and the assembly rests on the factory bump stop pad. The ears of the Lower Bracket lock into the factory u-bolts. Ensure that the Sumospring lower aligns with the Sumospring upper in the upper bracket assembly. With a pencil clearly mark the location on the Sumospring lower on the Lower Bracket [ITEM C]. Then remove the lower bracket assembly and tighten the 3/8-16 x 7/8" FHCS [ITEM H] ensuring the Sumospring lower aligns with the pencil marks. Then re-install the lower bracket assembly as before.
7. Attach the Axle Clamp [ITEM D] to the hanging 3/8-16 x 6" FHCS [ITEM G] using two 3/8 Flat Washers [ITEM E] and two 3/8 Nylock Nuts [ITEM F] ensuring the off-set in the Axle Clamp is to the rear to align with the assembly.
8. Repeat steps 3 through 7 on the passenger side of the vehicle.
9. If rear wheels were removed you can now reinstall the rear wheels.
10. Jack up vehicle, remove safety jack stands and lower the vehicle to the hard surface. Remove wheel chocks.
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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Product Line: SUMOSPRINGS REAR

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