SuperSprings
INTERNATIONAL

INSTALLATION INSTRUCTIONS

SumoSprings®

INSTALLATION VIDEO: To see a video of this install, please visit our youtube page - youtube.com/supersspringsinternational.
Install - https://youtu.be/hTObnX7gOOA
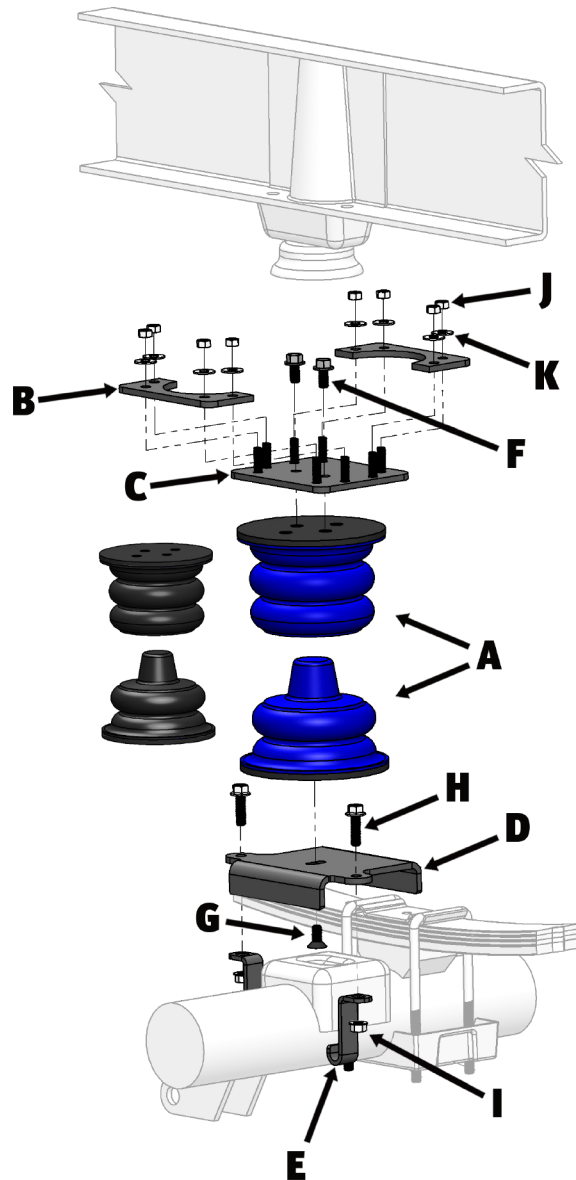
BEFORE YOU BEGIN

PRIMARY APPLICATION

› Chevrolet SIlverado 2500 HD 2WD & 4WD (2011- present)

› Chevrolet SIlverado 3500 HD 2WD & 4WD (2011- present)

› GMC Sierra 2500 HD 2WD & 4WD (2011- present)

› GMC Sierra 3500 HD 2WD & 4WD (2011- present)

TOOLS REQUIRED

› Floor jack
› Safety jack stands
› Rachet & sockets
› Torque wrench

PARTS LIST

Item	Part #	Description	QTY
A	511419	SumoSprings Blue -40	2
A	511418	SumoSprings Black -47	2
B	512052	Top upper bracket	4
C	512053	Top lower bracket	2
D	512169	Bottom 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

PASSENGER SIDE (DRIVER'S SIDE SIMILAR)

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.**

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INSTALLATION INSTRUCTIONS

PART NUMBER
SSR-203-40/47-2

SumoSprings®

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 the 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. Remove the factory bump stops from the underside of the frame.

4. Assemble the bottom bracket **[ITEM D]** to the bottom half of the SumoSpring **[ITEM A]** using a 3/8-16 x 3/4" 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 bracket **[ITEM D]** are located inboard, away from the tire.

6. Place two 3/8" x 1.25" flange bolts **[ITEM H]** through the holes in the bottom 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-hook's in place with two 3/8-16 flange nuts **[ITEM I]** and torque to 25 ft. lbs.

7. Assemble the top bracket assembly by attaching the top lower bracket **[ITEM C]** to the top half of the SumoSpring **[ITEM A]** using two 3/8-16 x 3/4" serrated flange bolts **[ITEM F]**.

8. Attach the two top upper brackets **[ITEM B]** to the top lower bracket **[ITEM C]** onto the factory bump stop cup using eight 5/16" flat washers **[ITEM K]** nd eight 5/16" lock nuts **[ITEM J]**.

IMPORTANT NOTES: *Ensure that the upper assembly is rotated so the upper half of the SumoSpring is offset away from the tire and is aligned with the lower half of the SumoSpring.*

9. Repeat steps 3 - 8 on the other side of the truck.

10. Raise the vehicle, remove safety jack stands, and carefully lower vehicle to the hard surface. Remove the blocks in front and back of the rear wheels and release the emergency brake.

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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505 Maple Avenue
Carpinteria, CA 93013

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

superspringsinternational.com

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