

PART NUMBER

**SSF-302-40/47**



**BEFORE YOU BEGIN**

**PARTS LIST**

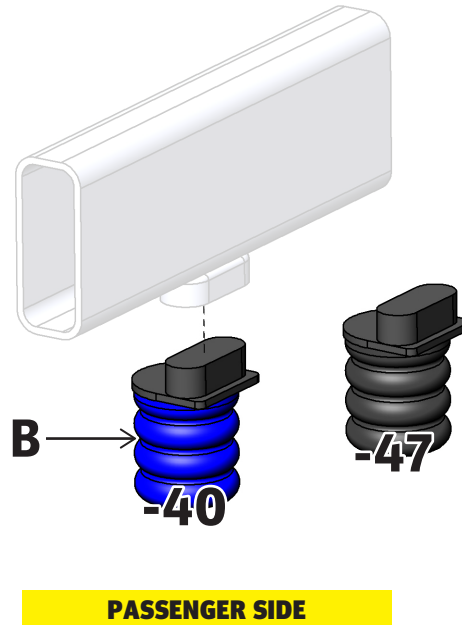
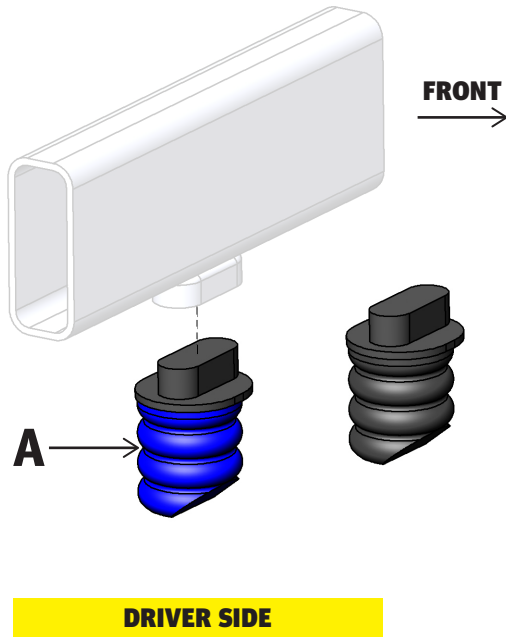
Item	Part #	Description	QTY
A	511446	Driver Side SumoSprings Blue -40	2
	511427	Driver Side SumoSprings Black -47	
B	511447	Passenger Side SumoSprings Blue -40	2
	511428	Passenger Side SumoSprings Black -47	

**TOOLS REQUIRED**

- > Floor Jack
- > Jack Stands
- > Wheel Chocks
- > 2x4 Block of Wood

**PRIMARY APPLICATIONS**

- > Dodge RAM 2500 4 X 4 (1994 - 2010)
- > Dodge RAM 3500 4 X 4 (1994 - 2010)
- > RAM 2500 4 X 4 (2011 - present)
- > RAM 3500 4 X 4 (2011 - present)



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**Product Line: SUMOSPRINGS FRONT**

**Page 1**

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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, 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 | MAR 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 a level hard surface. Engage emergency brake. Place chocks in front and behind rear wheels to prevent rolling. Observe all safety precautions and wear safety glasses.
2. Raise front of vehicle allowing the axle to hang freely. Support the frame using safety jack stands.
3. Starting on the driver side, remove the existing factory bump stop assembly by grasping it firmly and with a twisting and pulling motion, work it until the bump stop pops out of the retaining cup. It can also be pried out of the retaining cup utilizing a large flat blade screwdriver.
4. Select the Drivers Side SumoSprings Assembly [ITEM A] and position the assembly into the retaining cup at the correct orientation (see diagram on page 1). Place the 2x4 block of wood between the underside of SumoSprings and the bump stop pad on the axle. Raise the axle by jacking on the underside of the axle until the SumoSprings is fully seated in the retainer cup (alternatively lower the vehicle slowly).
5. Repeat steps 3 through 4 on the passenger side of the vehicle with the Passenger Side SumoSpring [ITEM B].
6. Jack up vehicle, remove safety jack stands.
7. Carefully lower vehicle to the ground. Remove the chocks in front and back of the rear wheels.
8. 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 Carpenteria, 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 touch-ing 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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