

PART NUMBER

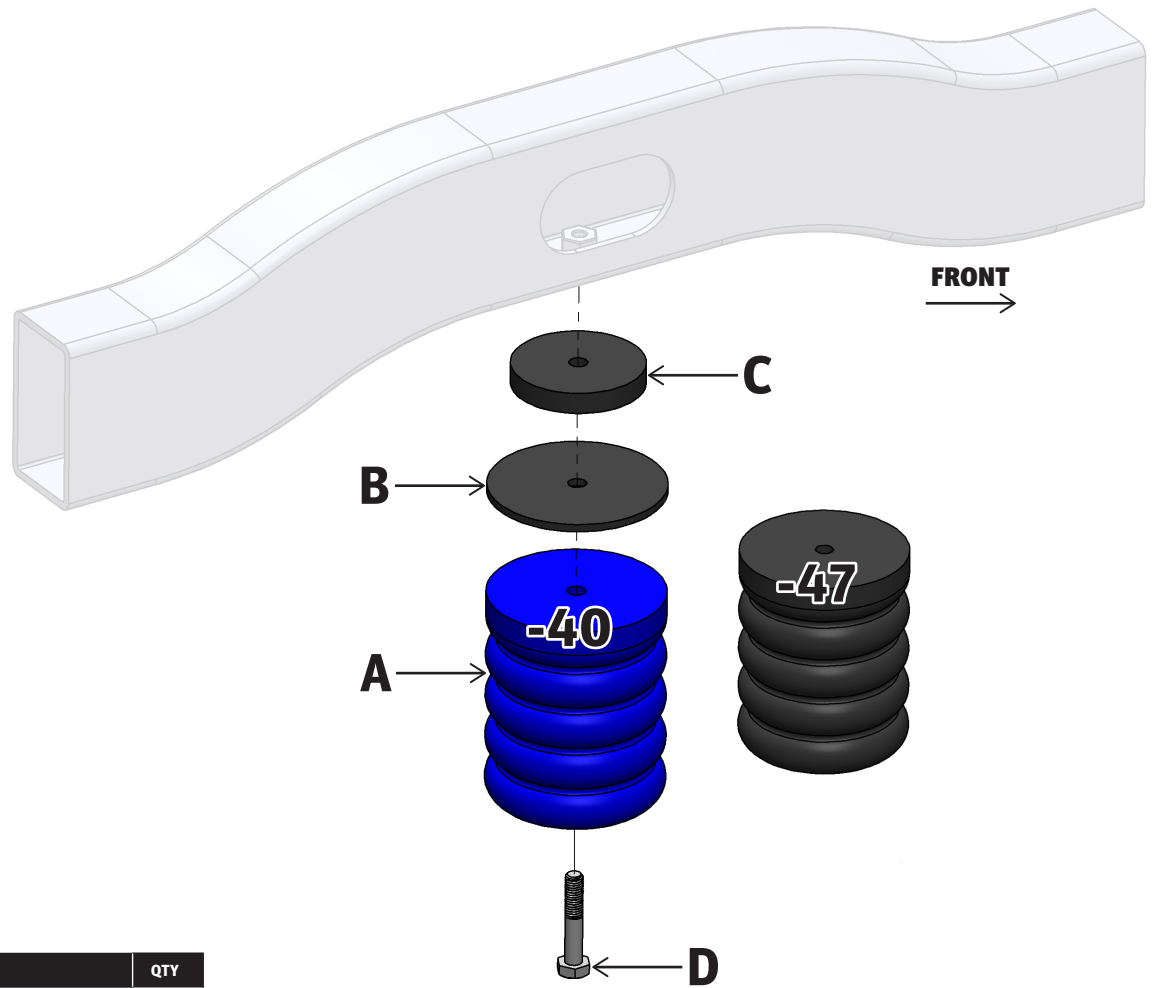
**SSR-141-40/47**



**BEFORE YOU BEGIN**

**PRIMARY APPLICATIONS**

- > Ford Ranger 4 X 2  
(2019 - present)
- > Ford Ranger 4 X 4  
(2019 - present)



**TOOLS REQUIRED**

- > Floor Jack
- > Jack Stands
- > Wheel Chocks
- > Ratchet
- > 17mm Socket
- > 6" Socket Extension

**PARTS LIST**

Item	Part #	Discription	QTY
A	511456	SumoSprings Blue -40	2
	511457	SumoSprings Black -47	
B	512313	4" SumoSpring Plate	2
C	512116	½" Spacer	2
D	512328	M10-1.5 x 55mm Hex Bolt	2

**DRIVER SIDE (PASSENGER SIDE SIMILAR)**

**Part Number: SSR-141-40/47**

**Product Line: SUMOSPRINGS REAR**

**Page 1**

**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 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.

REV. 2.01 | FEB 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 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. Remove existing factory Bump Stop by twisting and pulling it out of the cup on the frame.
4. Unbolt and remove the cup from the frame.
5. Place the M10 Hex Bolt [ITEM D] through the hole in the SumoSPrings [ITEM A] so the threads are protruding from the top.
6. Place the 4" SumoSPring Plate [ITEM B] onto the M10 Hex Bolt [ITEM D].
7. Place the ½" Spacer [ITEM C] onto the M10 Hex Bolt [ITEM D].
8. Place a drop of Blue Thread Locker on the threads of the M10 Hex Bolt [ITEM D].
9. Thread the M10 Hex Bolt [ITEM D] into the existing hole in the frame and tighten to 25 ft. lbs.
10. Repeat steps 3 through 9 on the other side.
11. Raise the vehicle, remove safety jack stands.
12. Carefully lower vehicle to the hard surface. Remove the chocks in front and back of the rear 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 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 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> <p style="text-align: right;"><b>REV. 2.01   FEB 2022</b></p>