

PART NUMBER

**SSR-629-40/47**



**BEFORE YOU BEGIN**

**PRIMARY APPLICATIONS**

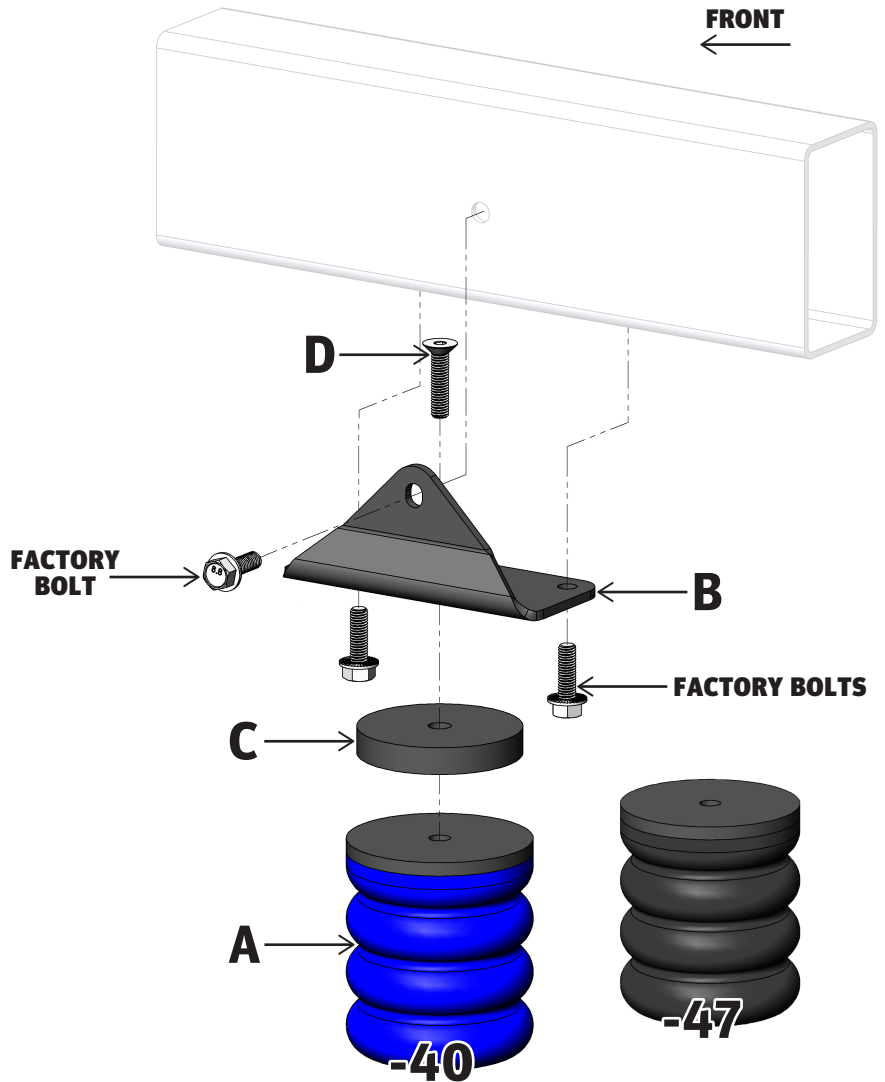
- > Toyota Land Cruiser 200 4 X 4  
(2008 - present)
- > Lexus LX570 4 X 4  
(2008 - present)

**PARTS LIST**

Item	Part #	Discription	QTY
A	511453	SumoSprings Blue -40	2
	511454	SumoSprings Black -47	
B	512192	Mounting Bracket	2
C	512116	½" Spacer	2
D	512267	M8-1.25 x 35mm FHCS	2

**TOOLS REQUIRED**

- > Floor Jack
- > Jack Stands
- > Wheel Chocks
- > Metric Sockets and Wrenches
- > 5mm Allen Key



**DRIVER SIDE (PASSENGER SIDE SIMILAR)**

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 the vehicle on a hard, level surface and engage the emergency brake. Place chocks in front and behind wheels to prevent rolling. Raise the back of the vehicle and allow the axle to hang so the rear wheels are off the ground. Support chassis with jack stands. Observe all safety precautions and wear safety glasses.
2. It is not necessary to remove the rear wheels, but it will allow for easier installation.
3. Starting on the driver side, unbolt and remove the factory bump stop from the frame. Retain the factory bolts for installation of the SumoSpring.
4. Apply a drop of Blue Thread Locker to the threads of the M8-1.25 x 35mm FHCS [ITEM D] and attach the ½" Spacer [ITEM C] and the SumoSpring [ITEM A] to the Mounting Bracket [ITEM B]. Leave the bolt slightly loose so it can move in the slot.
5. Attach the assembly to the frame in the factory location with the factory bump stop bolts finger tight.
6. Raise the axle with the jack so it is close to the SumoSpring and adjust the SumoSpring front to back so that it is centered over the axle.
7. Mark the position of the SumoSpring on the Mounting Bracket and lower the axle.
8. Remove the assembly from the frame. Keeping the SumoSpring in the marked position, torque the M8-1.25 x 35mm FHCS [ITEM D] to 20 ft. lbs.
9. Apply a drop of Blue Thread Locker to the factory bump stop bolts. Attach the assembly to the frame and torque the factory bump stop bolts to 20 ft. lbs.
10. Repeat steps 3 through 9 on the passenger side of the vehicle.
11. If wheels were removed, they can now be installed. Torque lug nuts to factory specifications.
12. Register the warranty for your SuperSprings International part. A warranty card can be found in the box your part came in.

**Part Number: SSR-629-40/47**

**Product Line: SUMOSPRINGS REAR**

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