

PART NUMBER

**SSR-630-40/47**



**BEFORE YOU BEGIN**

**PARTS LIST**

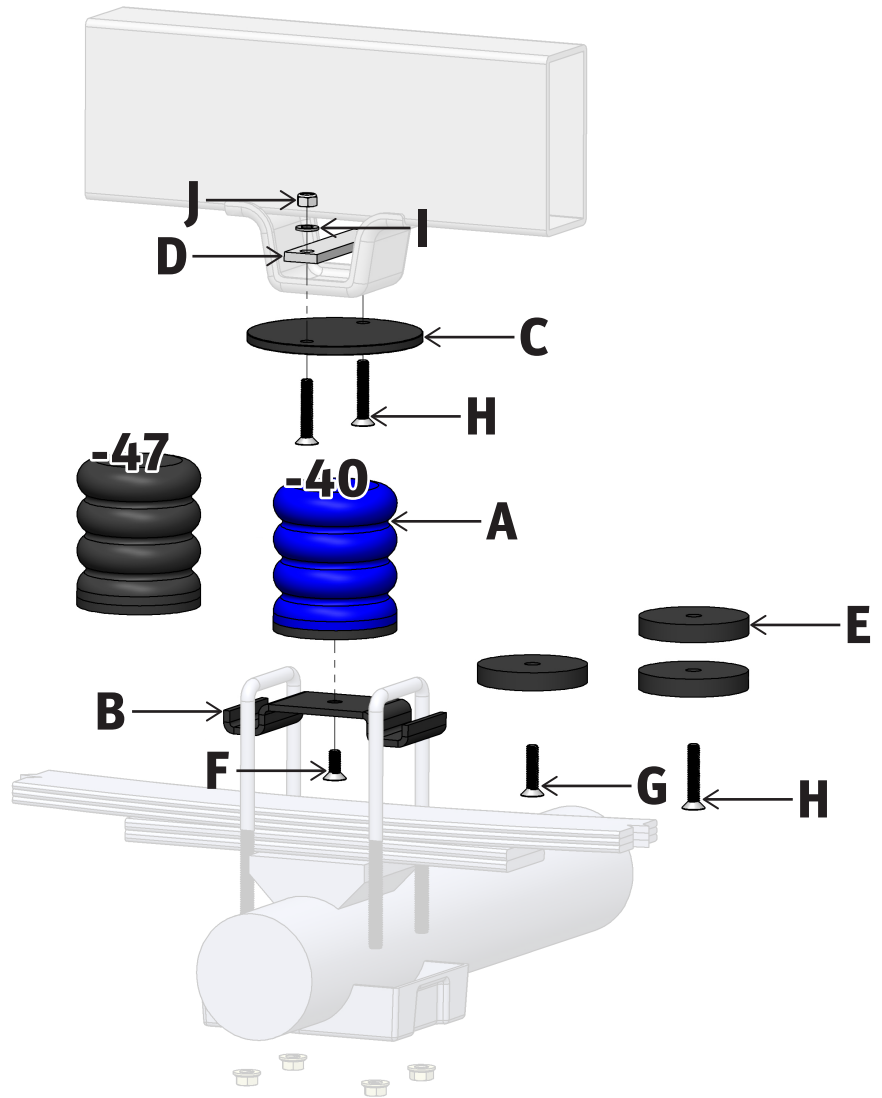
Item	Part #	Description	QTY
A	511453	SumoSprings Blue -40	2
	511454	SumoSprings Black -47	
B	512172	Mounting Bracket	2
C	512193	Contact Plate	2
D	112282	Clamp Plate	2
E	512116	½" Spacer	4
F	512377	M8-1.25 x 20mm FHCS	2
G	512267	M8-1.25 x 35mm FHCS	2
H	512378	M8-1.25 x 45mm FHCS	6
I	512215	M8 Flat Washer	4
J	512214	M8 Hex Nut	4

**PRIMARY APPLICATIONS**

- > Toyota Tacoma 4 X 4 (1995 - 2004)
- > Toyota Tacoma X-Runner 4 X 2 (1998 - 2004)
- > Toyota Hilux 4 X 4 (1998 - present)
- > Toyota T100 4 X 4 (1975 - 1994)
- > Toyota Pickup 4 X 4 (1975 - 1994)
- > Toyota 4Runner 4 X 4 (1984 - 1989)

**TOOLS REQUIRED**

- > Floor Jack
- > Jack Stands
- > Wheel Chocks
- > Ratchet and Sockets
- > 5mm Allen Key
- > Torque Wrench



**DRIVER SIDE (PASSENGER SIDE SIMILAR)**

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**Product Line: SUMOSPRINGS REAR**

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Questions or Concerns?

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or visit:  
[superspringsinternational.com](http://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. Observe all safety precautions and wear safety glasses.
2. Determine the height of the SumoSprings assembly needed by first measuring the gap between the bottom of the frame and top of the leaf pack with the truck on the ground.
3. Referring to the diagram, assemble the SumoSprings [ITEM A] to the Mounting Bracket [ITEM B] with the Spacer/Bolt combination that will allow for ½" to 1" gap between the top of the SumoSprings and bottom of the frame. Apply a drop of Blue Thread Locker to the threads of the bolt and torque to 20 ft. lbs.
4. With the vehicle still on the ground, loosen the axle u-bolt nuts on one side of the vehicle. This will allow the removal of the factory bump stop.
5. Install the SumoSprings mounting bracket under the u-bolts.
6. Retighten the u-bolts and torque to factory specifications.
7. Repeat steps 3 through 6 on the other side of the vehicle.
8. 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.
9. Install the Contact Plate [ITEM C] to the frame as shown in the diagram. Fasten to the frame bracket with one Clamp Plate [ITEM D], two M8 x 45mm FHCS [ITEM H], two Flat Washers [ITEM I], and two Lock Nuts [ITEM J].
10. Repeat steps 7 through 9 on the other side of the vehicle.
11. Raise the vehicle, remove the safety jack stands, and carefully lower vehicle to the hard surface. Remove the chocks in front and back of the rear wheels.

**IMPORTANT: After 200-500 miles of driving, re-torque the u-bolts.**

12. 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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