

PART NUMBER

SSR-624-40/47



BEFORE YOU BEGIN

PRIMARY APPLICATIONS

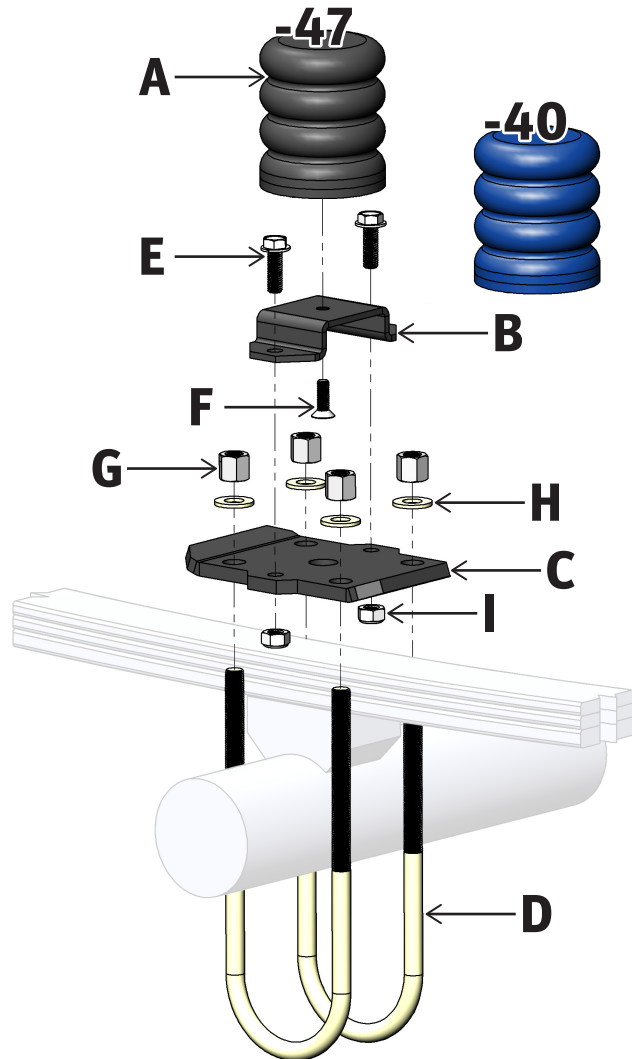
- > Toyota Tacoma 4 X 4 (2005 - present)
- > Toyota Tacoma Prerunner 4 X 2 (2005 - present)
- > Chevrolet Colorado 4 X 2 (2015 - present)
- > Chevrolet Colorado 4 X 4 (2015 - present)
- > GMC Canyon 4 X 2 (2015 - present)
- > GMC Canyon 4 X 4 (2015 - present)

TOOLS REQUIRED

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

PARTS LIST

Item	Part #	Description	QTY
A	511453	SumoSprings Blue -40	2
	511454	SumoSprings Black -47	
B	512175	SumoSpring Bracket	2
C	512176	Spring Plate	2
D	512183	½-20 U-Bolt	4
E	512312	M10-1.5 x 30mm Flange Bolt	4
F	512218	M8-1.25 x 25mm FHCS	2
G	512375	½-20 High Nut Grade 8	8
H	512376	½" SAE Flat Washer Grade 8	8
I	512369	M10-1.5 Lock Nut	4



DRIVER SIDE (PASSENGER SIDE SIMILAR)

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Product Line: SUMOSPRINGS REAR

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Questions or Concerns?

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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 vehicle on a hard, level 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 until the tires are off the ground. Place jack stands under the axle and lower the vehicle onto the jack stands. Removal of rear wheels is not necessary, but makes the installation much easier.
3. Starting on the driver side, remove the factory square u-bolts, nuts, and under axle bracket.
4. Refer to the diagram for location and orientation of the components.
5. Place the Spring Plate [ITEM C] on top of the factory leaf pack so the middle hole is located on the center pin and nut.
NOTE: It may be necessary to cut down the leaf pack center pin flush with the top of the nut to achieve proper clearance for the SumoSpring bracket.
6. Install the new U-bolts [ITEM D] with the threaded end facing up toward the bed of the truck and protruding through the Spring Plate [ITEM C]. Use the ½" Flat Washer [ITEM H] and ½" High Nut [ITEM G] to fasten the U-bolts to the Spring Plate.
NOTE: The u-bolts are intended for trucks with stock or modified suspension and may need to be trimmed. Cut the threaded ends off ¼" above the top of the nut.
7. Evenly torque the nuts to 62 ft. lbs. in an "X" pattern.

NOTE: It is very important to recheck the torque of your U bolt nuts after driving 250 miles after the initial install. Again, you want to check your U bolt's torque to verify they are at 62 ft. lbs. after 500 miles and again at 1000 miles after the initial install. All U-bolts stretch after being installed and require to be re-torqued.

8. Attach the SumoSpring [ITEM A] to the SumoSpring Bracket [ITEM B] using the M8 FHCS [ITEM F]. Place a drop of Blue Thread Locker on the threads of the bolt before installing it.
9. Position the assembly on the Spring Plate so the holes are aligned as shown and fasten in place using two M10 Bolts [ITEM E] and Nuts [ITEM I]. Torque to 30 ft. lbs.
10. Repeat steps 3 through 9 on the passenger side of the vehicle.
11. Reinstall wheels and tires. Torque lug nuts to manufacturer specifications.
12. Raise the vehicle, remove safety jack stands. Carefully lower vehicle to the hard surface. Remove the chocks in front and back of the rear wheels.
13. 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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