

PART NUMBER

SSR-625-40



BEFORE YOU BEGIN

PRIMARY APPLICATION

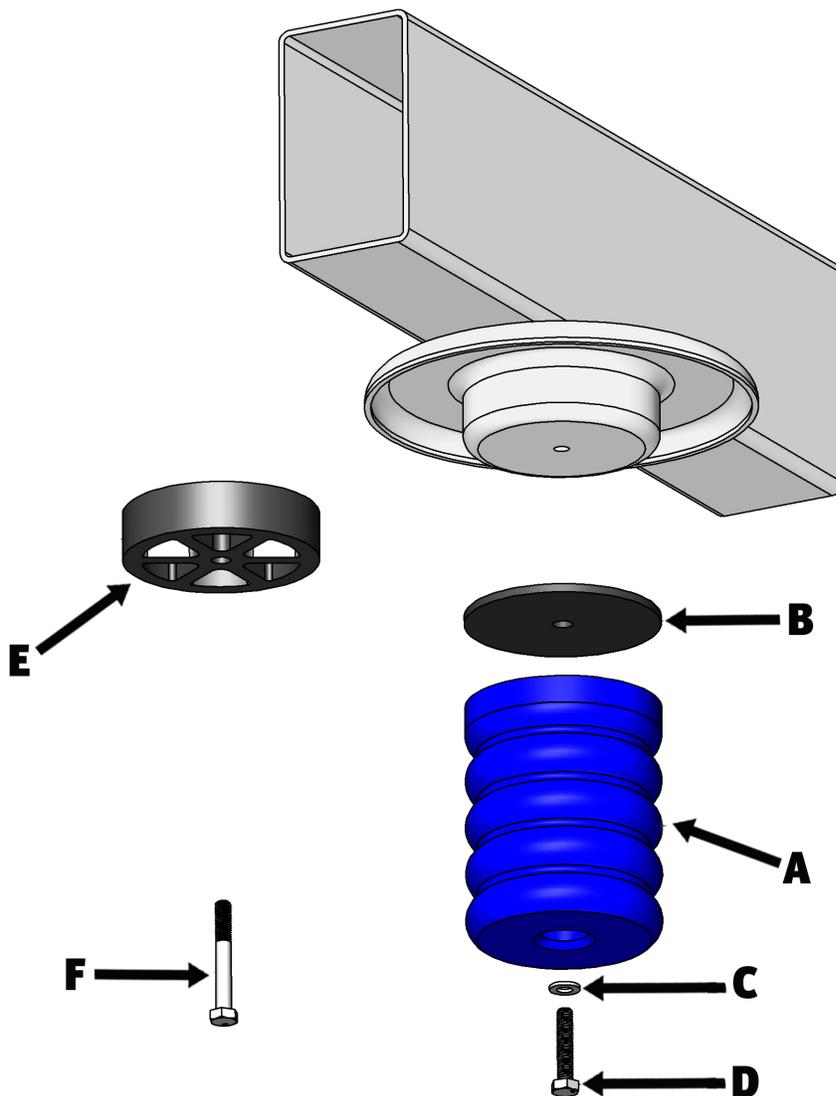
- › Nissan Pathfinder 2wd, 4wd (1999- 2004)
- › Infiniti Qx4 2wd, 4wd (1999- 2003)

PARTS LIST

Item	Part #	Description	QTY
A	511456	SumoSprings Blue -40	2
B	512313	4" Diameter Washer	2
C	512215	M8 Washer	2
D	512331	M8 x 40mm Hex Bolt	2
E	512117	4" x 1" Spacer	2
F	512372	M8 x 60mm Hex Bolt	2

TOOLS REQUIRED

- › Floor jack
- › Safety jack stands
- › Wheel blocks
- › Metric Sockets/Wrenches
- › Two 3" socket extensions
- › Ratchet



PASSENGER SIDE (DRIVER'S SIDE SIMILAR)

Part Number: SSR-625-40

› Product Line: SUMOSPRINGS REAR

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SuperSprings International, Inc.

505 Maple Avenue
Carpinteria, 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 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. 1.0 | AUGUST 2021

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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 the vehicle on a hard, level surface and engage the emergency brake. Place blocks in front and behind the wheels to prevent rolling. Observe all safety precautions and wear safety glasses.
2. Raise the rear of the vehicle until the tires are off the ground. Place jack stands under the axle and lower the vehicle on to the jack stands. Be sure to set the vehicle high enough so that the axle can be lowered enough to remove the coil springs. Removal of the rear wheels is optional.
3. With the jack supporting the axle, unbolt the lower shock mounts, lower track bar mount, lower sway bar mounts, and disconnect from the axle. Also unbolt the brake line brackets from the axle and frame so that the brake line will not be damaged when the axle is lowered.
4. Lower the axle slowly and remove the coil springs.
5. Unbolt and remove the factory bump stops.
6. Using a 13mm socket and two 3" extensions (for ease of removal after installation), insert the M8 x 40mm Hex Bolt [ITEM D] and M8 Washer [ITEM C] up through the center of the SumoSPring [ITEM A]. Place the 4" Washer [ITEM B] over the end of the M8 x 40mm Hex Bolt.
NOTE: Keep the socket and extensions in place and hold the assembly together
7. Put a drop of blue thread locker on the threads of the bolt.
8. Starting on the driver side, place the assembly inside of the coil spring and reinstall the coil spring between the axle and frame.
9. Reaching inside of the coil, use the socket and extensions to thread the bolt into the same hole that the factory bump stop used. Once it is finger tight, attach the ratchet and tighten securely. Remove the ratchet, extensions, and socket.
NOTE: If more preload is desired, 1" spacer [ITEM E] and longer bolt [ITEM F] may be used
10. Repeat steps 5 through 9 on other side.
11. Raise the vehicle, remove safety jack stands, and carefully lower vehicle to the hard surface. Remove the blocks in front and back of the rear wheels and release the emergency brake.
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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