

PART NUMBER

SSF-702-40/47



BEFORE YOU BEGIN

PRIMARY APPLICATIONS

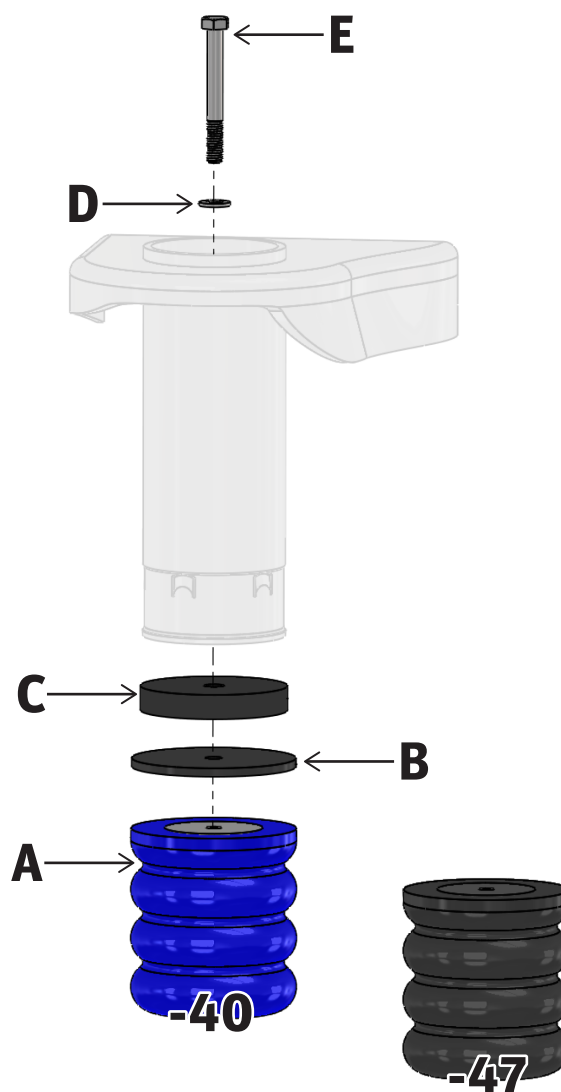
- › Ineos Grenadier 4X4
(2022 - present)
- › Ineos Quartermaster 4X4
(2023 - present)

PARTS LIST

Item	Part #	Description	QTY
A	511453-B	SumoSprings Blue -40	2
	511454-B	SumoSprings Black -47	
B	512392	3" Washer	2
C	512116	½" Spacer	2
D	512215	M8 Flat Washer	2
E	512387	M8-1.25 x 70mm Hex Bolt	2

TOOLS REQUIRED

- › Floor Jack
- › Jack Stands
- › Wheel Chocks
- › Ratchet
- › 13mm Socket
- › Socket extension
- › 13mm Wrench



DRIVER SIDE (PASSENGER SIDE SIMILAR)

Part Number: SSF-702-40/47

Product Line: SUMOSPRINGS FRONT

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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 vehicle's 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 of and behind the wheels to prevent rolling. Observe all safety precautions and wear safety glasses.
 2. Raise the front of the vehicle, allowing the axle to hang freely. Support the frame using safety jack stands and remove the front wheels.
 3. Disconnect the sway bar and shocks from the axle, then disconnect the draglink from the pitman arm.
 4. Lower the axle far enough to remove the front coils so that you can remove the existing factory bump stop from the frame. The bump stop is easily removed by pulling and twisting it. A spring compressor may help to facilitate the installation.
 5. Insert an M8 x 70mm Hex Bolt [ITEM E] and an M8 Flat Washer [ITEM D] from the top of the upper coil spring perch down into the OEM bump stop tube until it protrudes from the hole within the bump stop cup. To better keep the hardware in the socket during installation, wrap painter's tape around the socket and washer, thus restricting the bolt from coming out until fastened.
- NOTE:** The inner fender of the wheel well can be pushed inward to provide more space for installation.
6. While keeping the head of the M8 x 70mm Hex Bolt [ITEM E] firmly in place using a 13mm Socket, extension, and ratchet, place a ½" Spacer [ITEM C] onto the bolt followed by a 3" Washer [ITEM B], apply a drop of blue thread locker to the threads of the bolt and thread the SumoSpring [ITEM A] onto the bolt. Tighten securely.
 7. Repeat steps 3 through 6 on the passenger side of the vehicle.
 8. Re-insert the front coils, reconnect the draglink to the pitman arm, then reconnect the sway bar and shocks to the axle.
 9. Raise the vehicle to allow room to remove the safety jack stands. If front wheels were removed, you can now reinstall them and torque wheel nuts to manufacturer's specifications.
 10. Carefully lower the vehicle to the ground and remove the chocks from the wheels.
 11. Register the warranty for your SuperSprings International part at SuperSpringsInternational.com or scan the QR Code below.

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