

PART NUMBER

**SSF-501-40**



**BEFORE YOU BEGIN**

**PRIMARY APPLICATIONS**

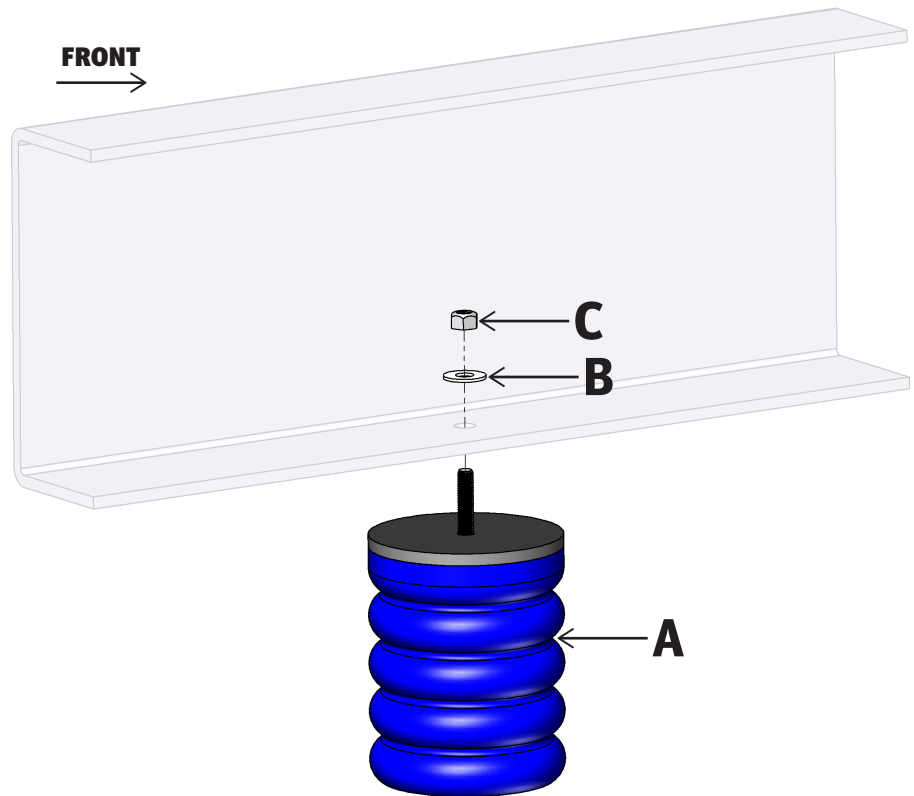
- > Freightliner MC Line 4 X 2 (2007 - 2009)

**TOOLS REQUIRED**

- > Floor Jack
- > Jack Stands
- > Wheel Chocks
- > 13mm Wrench/Socket

**PARTS LIST**

Item	Part #	Description	QTY
A	511438	SumoSprings Blue -40	2
B	512244	5/16 Flat Washer	2
C	512235	M8-1.25 Top Lock Nut	2



**DRIVER SIDE (PASSENGER SIDE SIMILAR)**

**Part Number: SSF-501-40**

**Product Line: SUMOSPRINGS FRONT**

**Page 1**

Questions or Concerns?

Scan here:



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.

REV. 2.01 | AUG 2023

PART NUMBER

**SSF-501-40**



**INSTALLATION**

1. Park vehicle on level hard surface. Engage the emergency brake. Place wheel chocks in front and behind the front wheels to prevent rolling. Observe all safety precautions and wear safety glasses.
2. Raise the front leveling jacks to get the weight off the front wheels. Alternatively raise front of vehicle allowing the axle to hang freely. Support the frame using safety jack stands.
3. Starting on the driver side, remove existing factory bump stop assembly and set aside.
4. Insert the stud on the end of the SumoSpring [ITEM A] into the hole where the factory bump stop was located. Install the supplied 5/16 Flat Washer [ITEM B] and M8-1.25 Top Lock Nut [ITEM C] on top of the stud and tighten securely.
5. Repeat steps 3 through 4 on the passenger side of the vehicle.
6. Lower the leveling jacks. Alternatively jack up vehicle, remove safety jack stands. Carefully lower vehicle to the hard surface. Remove the chocks in front and back of the rear wheels.
7. Register the warranty for your SuperSprings International part. A warranty card can be found in the box your part came in.

**Part Number: SSF-501-40**

**Product Line: SUMOSPRINGS FRONT**

**Page 2**

Questions or Concerns?

Scan here:



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.

REV. 2.01 | AUG 2023