

PART NUMBER

**SSF-109-40**



**BEFORE YOU BEGIN**

**PRIMARY APPLICATIONS**

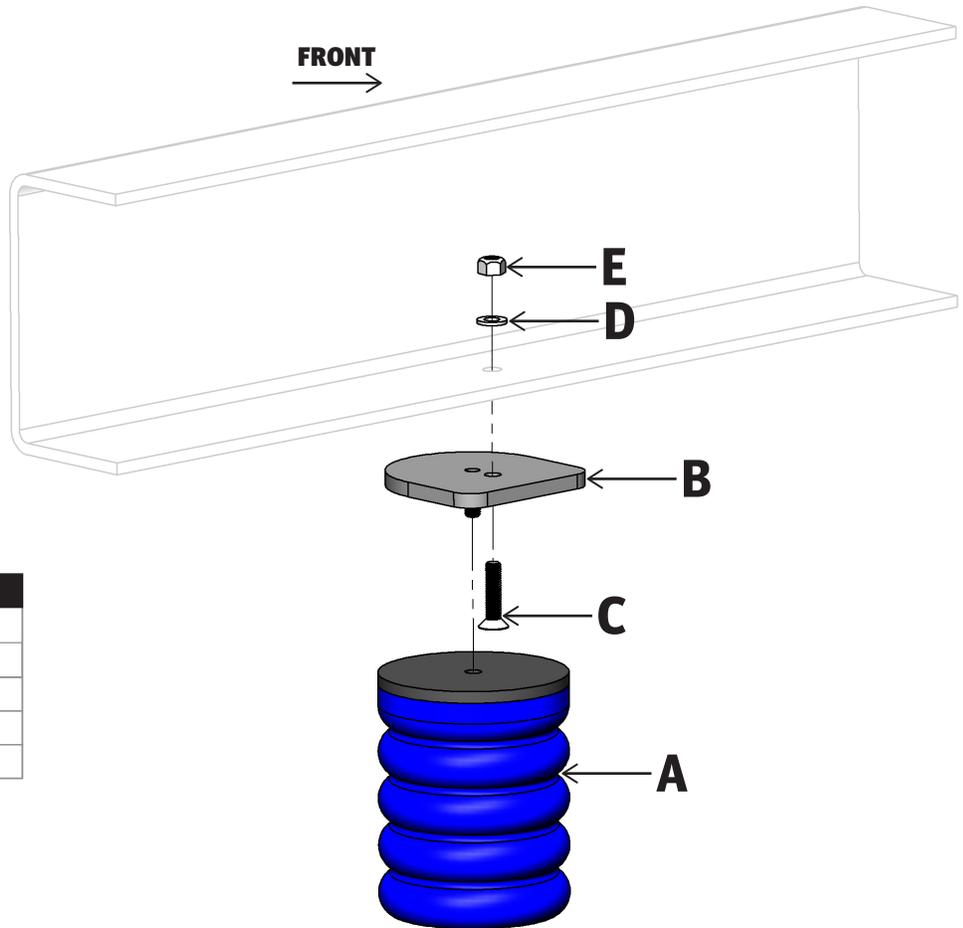
- > Ford Excursion 4 X 4  
(2000 - 2005)

**TOOLS REQUIRED**

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

**PARTS LIST**

Item	Part #	Description	QTY
A	511440	SumoSprings Blue -40	2
B	512012	Mounting Bracket	2
C	512267	M8-1.25 x 35mm FHCS	2
D	512215	M8 Flat Washer	2
E	512235	M8-1.25 Top-Lock Nut	2



**DRIVER SIDE (PASSENGER SIDE SIMILAR)**

**Part Number: SSF-109-40**

**Product Line: SUMOSPRINGS FRONT**

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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.

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**INSTALLATION**

1. Park vehicle on level hard surface. Place wheel chocks in front and behind the front wheels to prevent rolling. Observe all safety precautions and wear safety glasses.
2. Raise the rear of the vehicle allowing the axle to hang free and rest the frame on the safety jack stands rated for the weight of the vehicle. Removal of the rear wheels is optional.
3. Starting on the driver side, un-bolt and remove the existing factory bump stop from the underside of the frame and set aside.
4. Remove Sumospring parts from the box.
5. Bolt the Mounting Bracket [ITEM B] to the frame using the existing center hole found midway between the OE bumpstop installation holes. Attach using the supplied M8-1.25 x 35mm FHCS [ITEM C], M8 Flat Washer [ITEM D], and M8-1.25 Top-Lock Nut [ITEM E] with the offset toward the wheel.
6. Apply a drop of Blue Thread Locker to the threaded end of the Mounting Bracket [ITEM B], thread the SumoSpring [ITEM A] onto the Mounting Bracket stud and tighten.
7. If front wheels were removed you can now reinstall the wheels and torque wheel nuts to manufacturer's spec.
8. Repeat steps 3 through 6 on the passenger side of the vehicle.
9. Jack up vehicle, remove safety jack stands.
10. Remove wheel chocks from the front wheels.
11. 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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