

PART NUMBER

SSR-122-40



BEFORE YOU BEGIN

PRIMARY APPLICATIONS

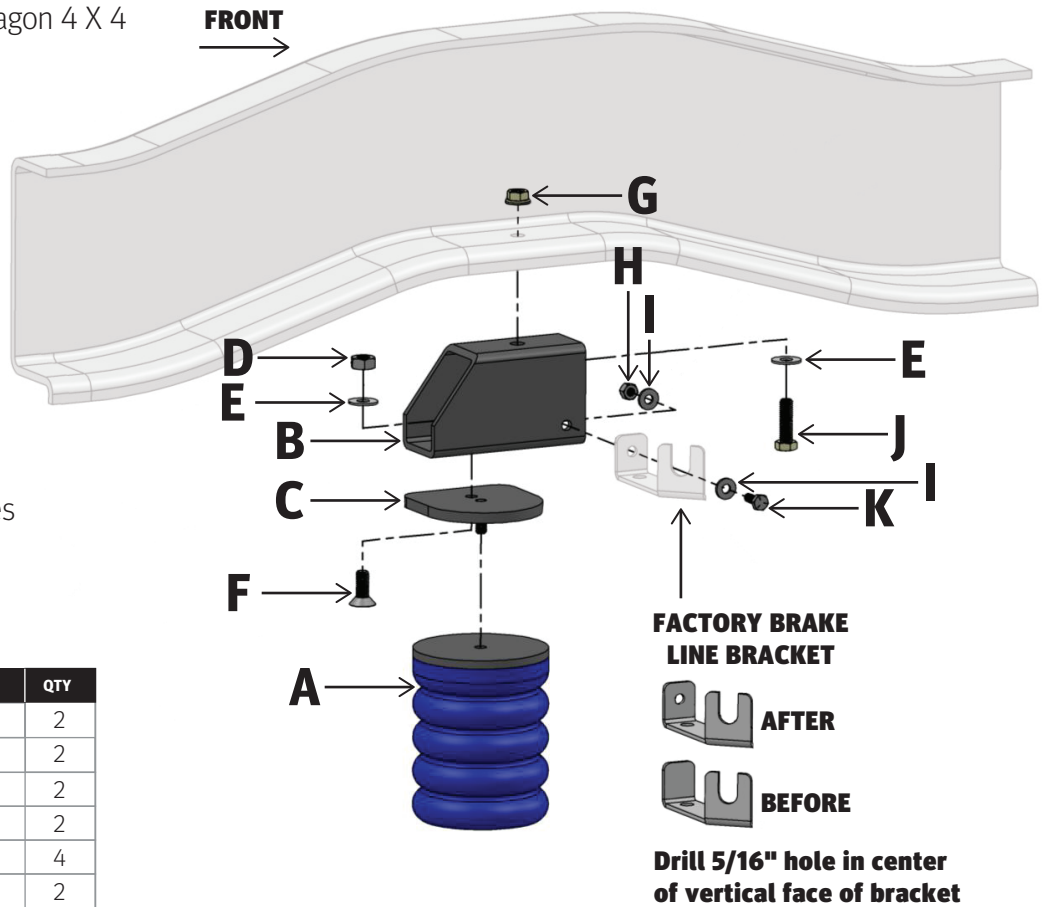
- > Ford E-350 Club Wagon 4 X 4 (2002 - 2005)
- > Ford E-350 Econoline Club Wagon 4 X 4 (2001 - 2002)
- > Ford E-350 Super Duty 4 X 4 (2001 - present)

TOOLS REQUIRED

- > Floor Jack
- > Jack Stands
- > Wheel Chocks
- > Metric Sockets & Wrenches
- > Standard Sockets & Wrenches
- > Allen Keys

PARTS LIST

Item	Part #	Description	QTY
A	511440	SumoSprings Blue -40	2
B	512134	Mounting Bracket	2
C	512027	Offset Adapter	2
D	512240	M10 Lock Nut	2
E	512227	3/8 Flat Washer	4
F	512238	M10-1.5 x 25mm FHCS	2
G	512302	3/8-16 Lock Nut	2
H	512358	1/4-20 Lock Nut	1
I	512359	1/4 Flat Washer	2
J	512223	3/8-16 x 1-1/4" Hex Bolt	2
K	512357	1/4-20 x 3/4" Hex Bolt	1



DRIVER SIDE (PASSENGER SIDE SIMILAR)

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Product Line: SUMOSPRINGS REAR

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Questions or Concerns?

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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, remove the factory Bump Stop from the underside of the frame and set aside. Remove bracket line bracket and set aside.
4. Attach the Mounting Bracket [ITEM B] to the same hole from which the factory Bump Stop was removed. Using one 3/8-16 x 1-1/4 Hex Bolt [ITEM J], one 3/8 Flat Washer [ITEM E], and one 3/8 Lock Nut [ITEM G]. Torque to 30ft. lbs. Ensure the angle portion of the bracket is facing the rear.
5. Attach the Offset Adapter [ITEM C] to the bottom of the Mounting Bracket [ITEM B] using one M10 x 25mm FHCS [ITEM F], one 3/8 Flat Washer [ITEM E], and one M10 Lock Nut [ITEM D]. Torque to 30 ft. lbs. Ensure round side of the offset adapter is pointing inboard, away from the wheel.
6. Apply a drop of Lock Tite to the stud on the bottom of the offset adapter and attach SumoSpring [ITEM A] to the stud and tighten by hand.
7. Brake Line Bracket: The factory brake line bracket on the driver side must be modified by drilling a 5/16" hole in the vertical face. It is then attached to the Mounting Bracket [ITEM A] with the 1/4-20 bolt [ITEM K], 1/4-20 Lock Nut [ITEM H], and 1/4 Flat Washer [ITEM I] as seen in the diagram.
8. Repeat steps 3 through 6 on the passenger side of the vehicle.
9. If rear wheels were removed you can now reinstall the rear wheels and torque wheel nuts to manufacturer's spec.
10. Jack up vehicle, remove safety jack stands.
11. Remove wheel chocks from the front wheels.
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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