

PART NUMBER

SSR-309-54



BEFORE YOU BEGIN

PRIMARY APPLICATIONS

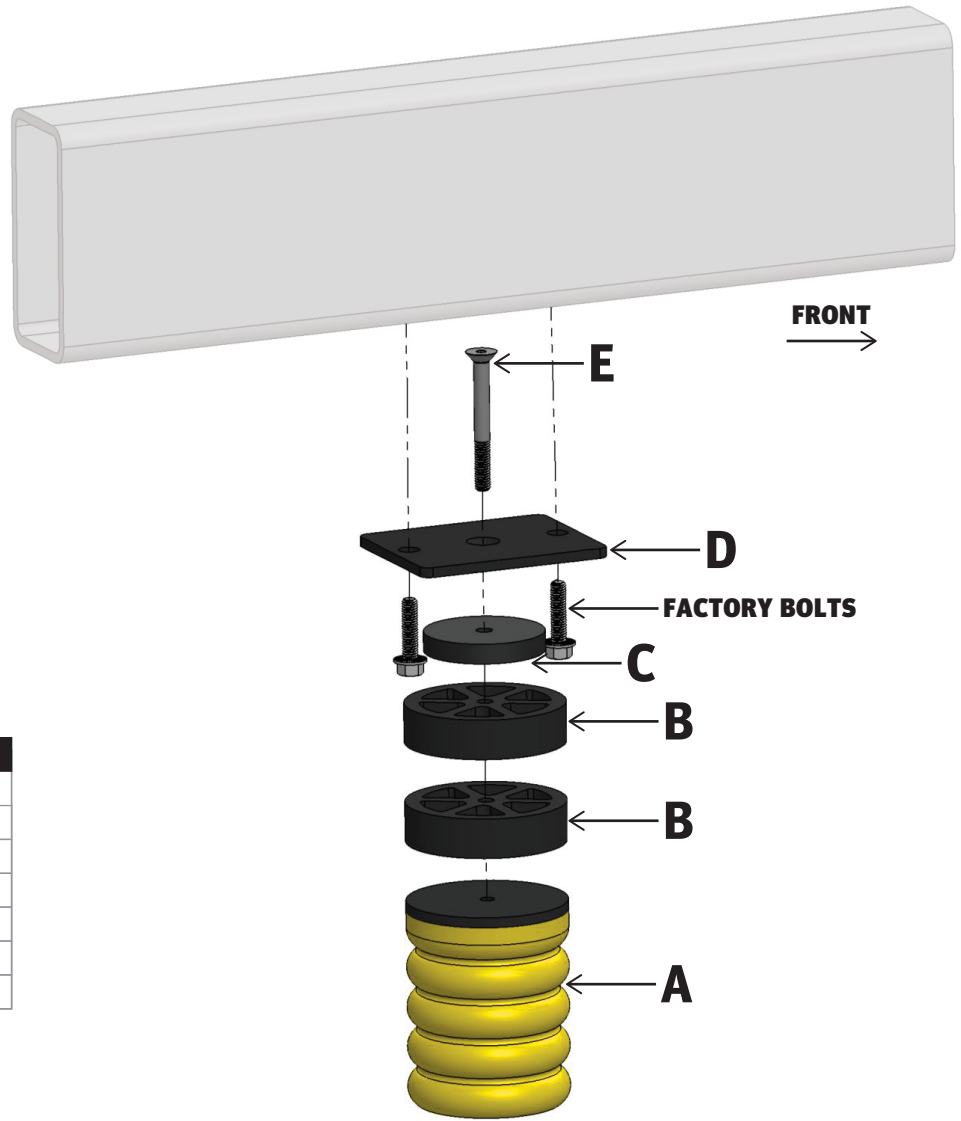
- > RAM 4500 4 X 2
(2015 - present)
- > RAM 4500 4 X 4
(2015 - present)
- > RAM 5500 4 X 2
(2015 - present)
- > RAM 5500 4 X 4
(2015 - present)

TOOLS REQUIRED

- > Floor Jack
- > Jack Stands
- > Wheel Chocks
- > Metric Wrenches/Socket
- > 7/32 Allen Key

PARTS LIST

Item	Part #	Description	QTY
A	511404-38	SumoSpring Yellow -54	2
B	512117	1" Spacer	4
C	512116	½" Spacer	2
D	512074	Mounting Bracket	2
E	512279	3/8-16 x 1-¼" FHCS	2
	512332	3/8-16 x 2-½" FHCS	2
	512268	3/8-16 x 3-½" FHCS	2



DRIVER SIDE (PASSENGER SIDE SIMILAR)

Part Number: SSR-309-54

Product Line: SUMOSPRINGS REAR

Page 1

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 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 hard level surface. Engage emergency brake. Place chocks in front and behind the front wheels to prevent rolling. Observe all safety precautions and wear safety glasses.
2. Raise rear of vehicle allowing the axle to hang freely. Support the frame using safety jack stands.
3. Remove existing factory bump stop assembly from the frame. Set aside bolts for reuse.
4. SumoSprings [ITEM A] must be used with ½" Spacer [ITEM C] for clearance of the factory bolts. The 1" Spacers [ITEM B] are optional and one or both can be used on each side depending on desired engagement point. It is recommended to start with a combination that will allow for about 1" of gap between SumoSpring and axle at ride height on an empty truck.
5. Place factory bolts in outside holes of Mounting Bracket [ITEM D]. Ensure threads are protruding out of the side with the countersink on the center hole.
6. Place ½" Spacer [ITEM C], desired optional 1" Spacers [ITEM B], and SumoSpring [ITEM A] on the Mounting Plate [ITEM D] and attach with appropriate length bolt [ITEM E]. Apply a drop of Blue Thread Locker to threads of mounting bolt. (Threads of bolt should extend about ½" inside the SumoSpring.)
7. Apply a drop of Blue Thread Locker to threads of factory bolts. Align the factory bolts with the holes in the frame and tighten securely.
8. Repeat steps 3 through 7 on the other side of the vehicle.
9. Jack up vehicle, remove safety jack stands.
10. Carefully lower vehicle to the hard surface. Remove the chocks in front and back of 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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Page 2

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