

PART NUMBER

**SSR-120-54**



**BEFORE YOU BEGIN**

**PRIMARY APPLICATIONS**

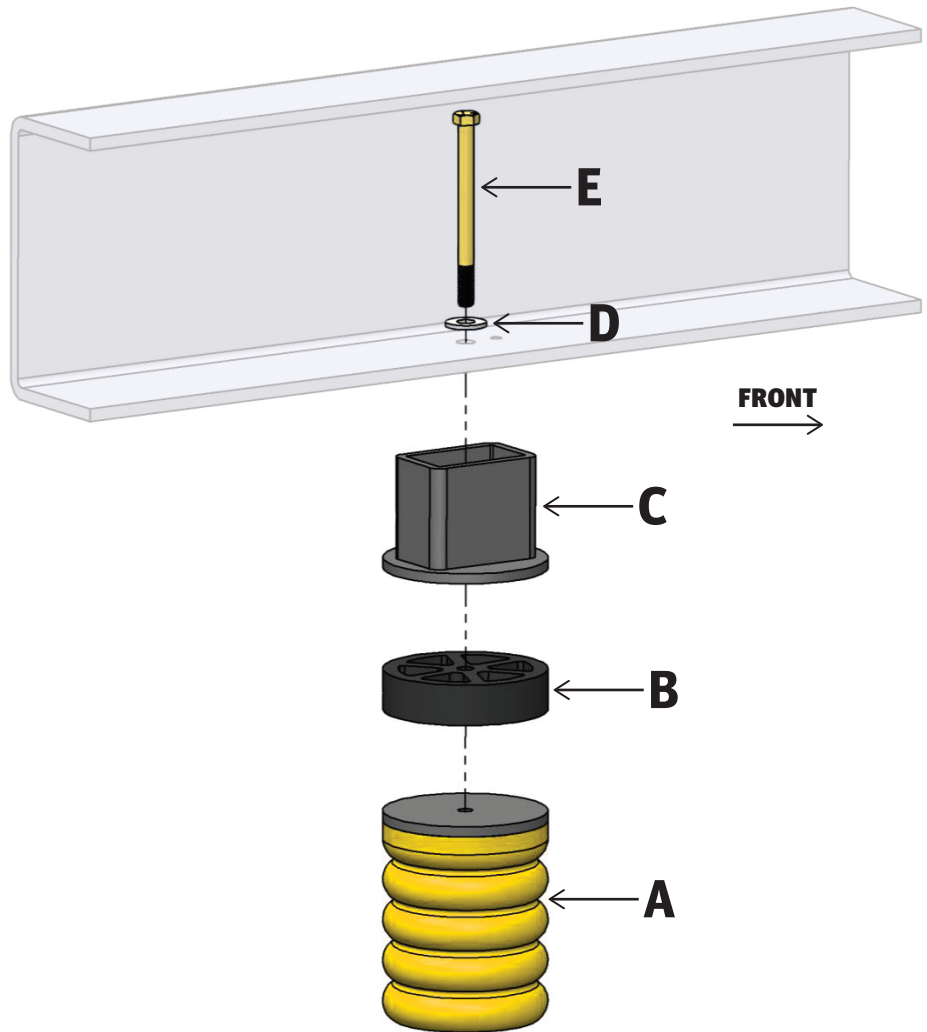
- > Ford F-550 Super Duty 4 X 2 (2017 - present)
- > Ford F-550 Super Duty 4 X 4 (2017 - present)
- > Ford F-600 Super Duty 4 X 2 (2019 - present)
- > Ford F-600 Super Duty 4 X 4 (2019 - present)

**TOOLS REQUIRED**

- > Floor Jack
- > Jack Stands
- > Wheel Chocks
- > Standard & Metric Sockets

**PARTS LIST**

| Item | Part #    | Description              | QTY |
|------|-----------|--------------------------|-----|
| A    | 511404-38 | SumoSprings Yellow -54   | 2   |
| B    | 512117    | 1" Spacer                | 2   |
| C    | 512137    | Mounting Bracket         | 2   |
| D    | 512227    | 3/8 Flat Washer          | 2   |
| E    | 512380    | 3/8-16 x 3 3/4" Hex Bolt | 2   |
|      | 512381    | 3/8-16 x 4 3/4" Hex Bolt | 2   |



**DRIVER SIDE (PASSENGER SIDE SIMILAR)**

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 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 and mounting bracket from the frame.
4. Place the 3/8 Flat Washer [ITEM D] onto the 4 3/4" Hex Bolt [ITEM E] and then insert the bolt down through the hole in the frame where the factory bump stop was removed.
5. Add a drop of Blue Thread Locker to the threads of the bolt.
6. Assemble the Mounting Bracket [ITEM C], the 1" Spacer [ITEM B], and the SumoSPring [ITEM A] to the bottom of the frame as indicated in the diagram. Torque the mounting bolt to 30 ft. lbs.

**NOTE:** The diagram shows the configuration for the least air gap and soonest engagement. If more air gap (less engagement) is desired, the 1" Spacer can be removed.

**ATTENTION: If spacer is used then the 4 3/4" bolt must be used. If no spacer is used then use the 3 3/4" bolt.**

7. Repeat steps 3 through 6 on the passenger side of the vehicle.
8. If rear wheels were removed you can now reinstall the rear wheels and torque wheel nuts to manufacturers specifications.
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.

**Part Number: SSR-120-54**

**Product Line: SUMOSPRINGS REAR**

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