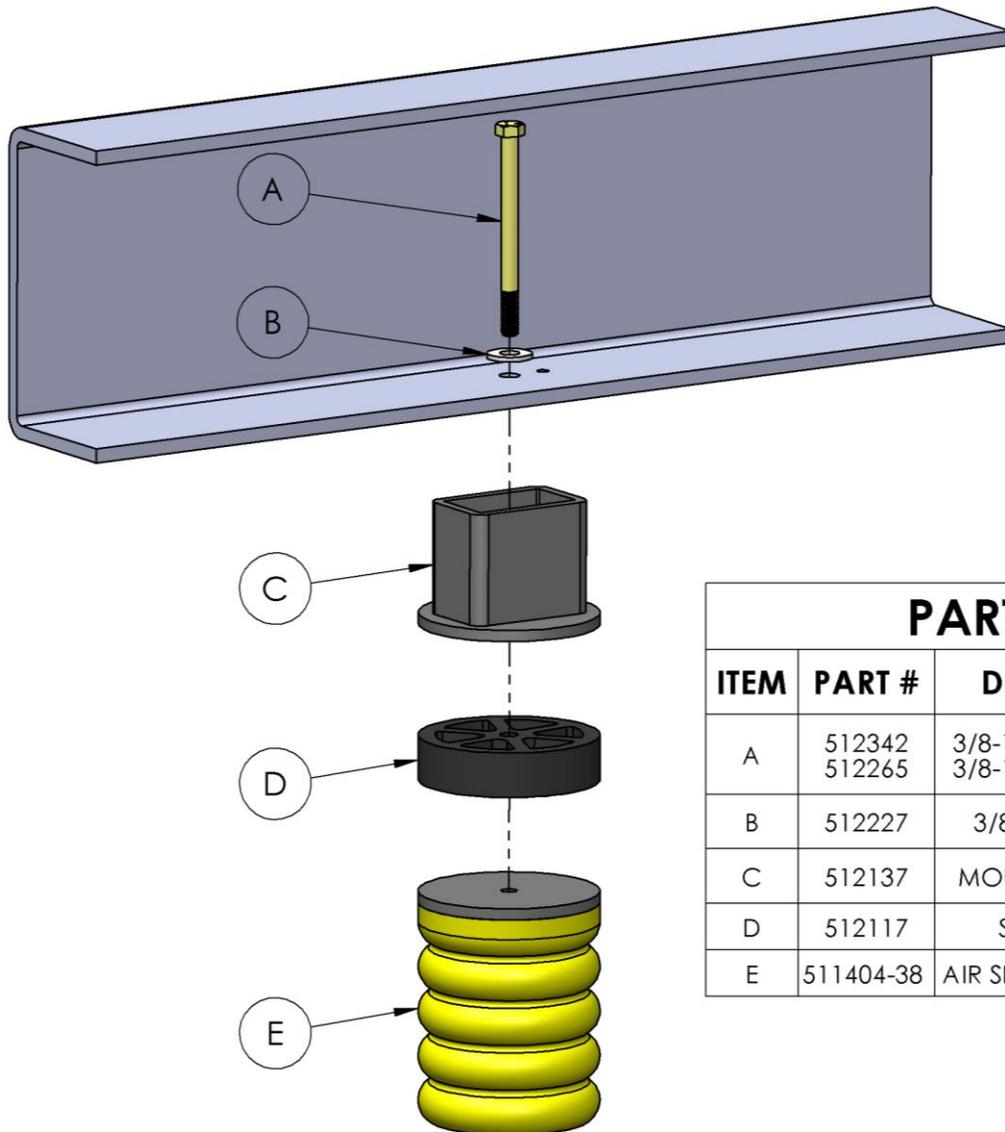


SumoSprings Rear

Ford F450/550 Chassis Cab 2x4, 4x4 (2017-2018)

Part #SSR-120-54

Installation Instructions



PARTS LIST

ITEM	PART #	DESCRIPTION	QNTY.
A	512342 512265	3/8-16 x 4.5" HEX BOLT 3/8-16 x 3.5" HEX BOLT	2
B	512227	3/85 FLAT WASHER	2
C	512137	MOUNTING BRACKET	2
D	512117	SPACER 4" x 1"	2
E	511404-38	AIR SPRING -54 YELLOW	2

Installation Instructions

- 1) Park vehicle on level hard surface. Place wheel blocks 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's side un-bolt and remove the OEM jounce bumper and mounting bracket from the frame.
- 4) Place the washer (Item B) onto the 4.5" bolt (Item A) and then insert the bolt down through the hole in the frame where the factory jounce bumper was removed.
- 5) Add a drop of blue Loctite to the threads of the bolt.
- 6) Assemble the mounting bracket (Item C), the spacer (Item D), and the Sumospring (Item E) to the bottom of the frame as indicated in the diagram. Torque the mounting bolt to 30 ft. lbs.
- 7) 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 4.5" bolt must be used. If no spacer is used then use the 3.5" bolt.**
- 8) Repeat steps three through seven on the passenger's 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 blocks from the front wheels.
- 12) Fill out warranty card and send to SuperSprings. The warranty card is an attached document.

Important Notice.

- 1) For easy installation please read instructions completely first and have all necessary tools available.
- 2) We recommend that this installation be done by a professional or persons with sound mechanical knowledge.
- 3) SumoSprings are designed to work with the original factory springs only. If they have been replaced with aftermarket springs then please consult with SuperSprings International at 866-898-0720.
- 4) These instructions are meant as a guide for the installation of SumoSprings. SuperSprings International assumes no liability for the actual installation process. Installers should apply common automotive safety practices when raising, lowering and working on vehicles.
- 5) SumoSprings are designed to enhance the vehicle's load carrying performance and road handling however it does not authorize (or recommend) loading beyond the manufacturer's GVWR specifications.
- 6) For technical support contact SuperSprings International at 866-898-0720.

To prevent damage to the vehicle and to ensure safety, do not exceed the maximum load recommended by the vehicle's manufacturer (GVWR).