

SumoSprings Rear

Ford F53 Motor Home (24K-26K GVWR)
[2008 ~ present]
Part #SSR-183-54-1

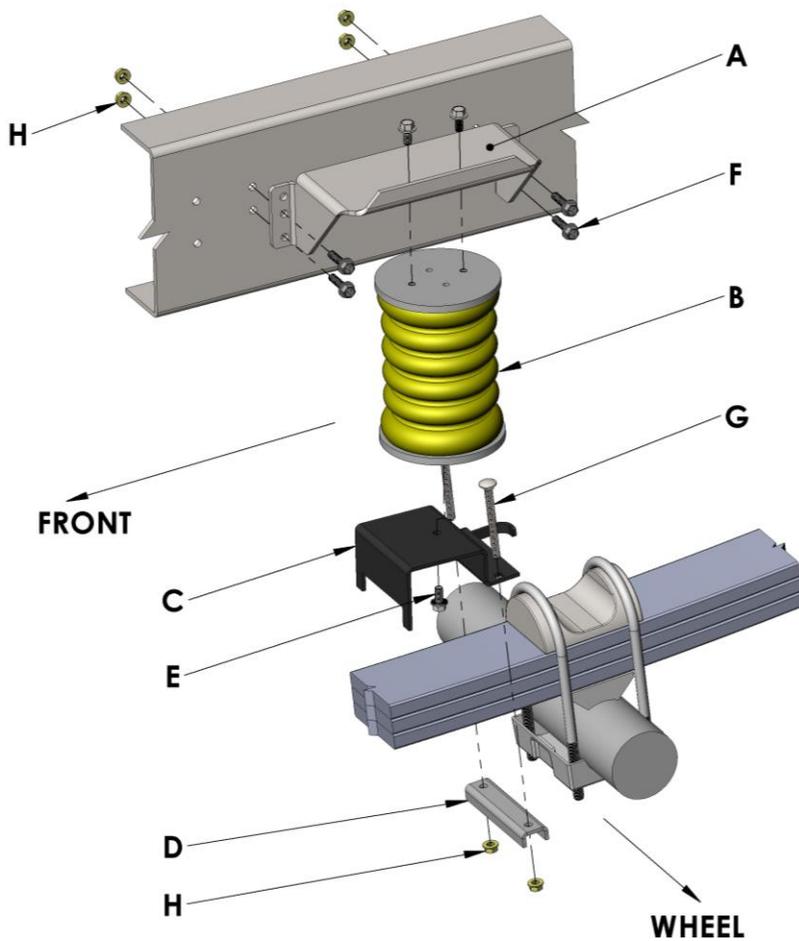
Drivers Side (Passenger Side Similar)

Parts List

Item	Part #	Description	Quant.
A	512037	Upper frame bracket	2
B	511401	SumoSpring	2
C	512108	Lower bracket	2
D	512042	U- bracket strap	2
E	512207	3/8-16 x 3/4" serrated flange hex bolt	6
F	512301	3/8-16x 1.5" Serrated flange hex bolt	8
G	512292	3/8-16 x 5" carriage bolts	4
H	512302	3/8-16 Top lock flange nuts	12

Tool List

Floor Jack	1
Jack stands	2
Wheel blocks	4
9/16" wrench	2
Drill	1
7/16" Drill Bit	1



Diagram

Installation Instructions*

- 1) Park vehicle on level hard surface. Engage emergency brake. Place blocks in front and behind 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) Attach Upper Frame bracket (Item A) to the top of the SumoSpring (Item B) using two 3/8-16x3/4" serrated flange hex bolts (Item E). Attach the Lower bracket (Item C) to the bottom of the SumSpring using one 3/8-16x3/4" serrated flange hex bolt (Item E) as in Diagram A above.
- 4) Insert two 3/8-16 x 4" carriage bolts (Item G) into the two square openings in the lower bracket (Item C) in such a way that they straddle the factory spring-pack. Position the lower bracket so that the curved side finger captures the factory u-bolt (see Diagram B below).
- 5) Secure the lower bracket (Item C) to the factory spring-pack using the u-bracket strap (Item D) the two carriage bolts (Item G) two 5/16" washers (Item H) and two 3/8-16 Top-lock nuts (Item I).



Diagram B

- 6) Repeat steps three through five on the opposite side of the vehicle.
- 7) Jack up the axle until Upper Frame Bracket (Item A) is in correct position on frame. Drill the two lower holes using a 7/16" drill bit exactly mid height on the frame as seen in Diagram C below.
- 8) Insert two 3/8-16 x 1.25" hex bolts, 5/16" washers, and 3/8" top lock nuts in lower holes as seen in Diagram A.

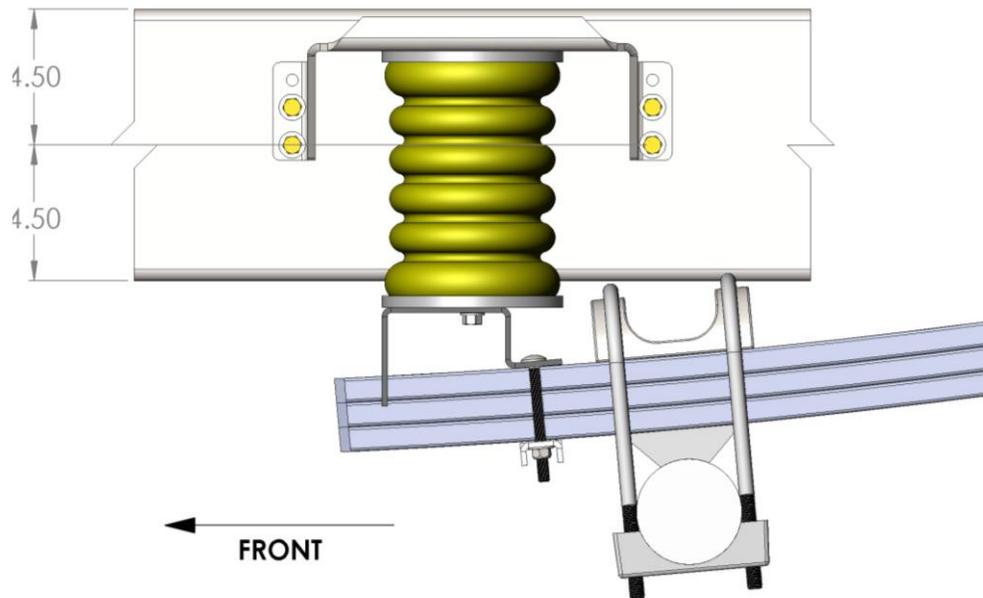


Diagram C

- 9) Using the Upper Bracket holes as a guide, drill two upper holes using a 7/16" drill bit (ensure clearance on all cables/service lines inside the frame prior to drilling).
- 10) Insert two 3/8-16 x 1.25" hex bolts, 5/16" washers, and 3/8" top lock nuts in upper holes as seen in Diagram A.
- 11) Repeat step seven through ten on opposite side.
- 12) Carefully lower vehicle to the hard surface. Remove the blocks in front and back of the rear wheels
- 13) Release emergency brake.
- 14) Fill out warranty card and send to SuperSprings.

***Contact factory if installation brackets create conflict with coach plumbing/electrical hardware.**

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 vehicles 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.

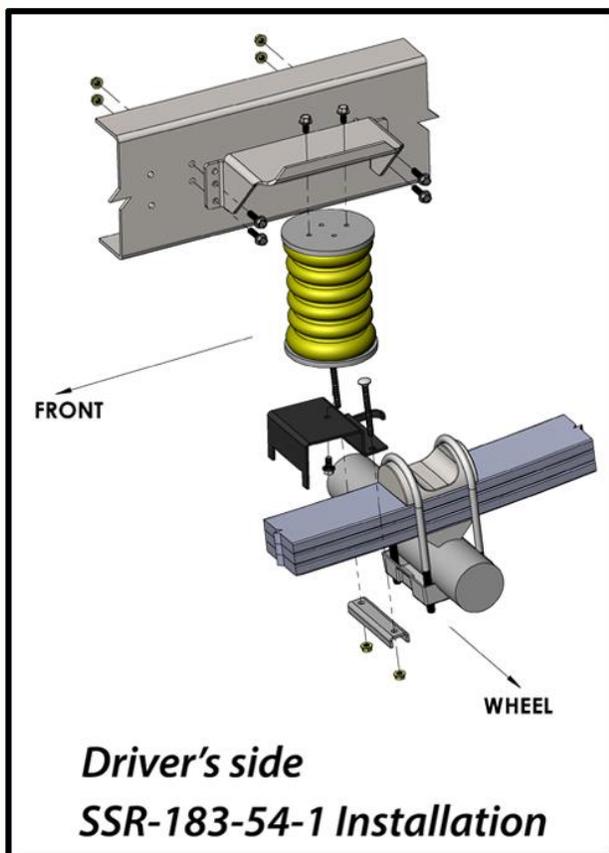
To prevent damage to the vehicle and to ensure safety, do not exceed the maximum load recommended by the vehicles manufacturer (GVWR).

SumoSprings **Rear**

Suspension Enhancement

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SumoSprings Part# SSR-183-54-1



Refer to SumoSprings application guide for part selection www.supersprings.com [Tech line #866-898-0720]
SumoSprings enhance load carrying capability, handling & towing. Never exceed vehicle manufacturer's GVWR rating.