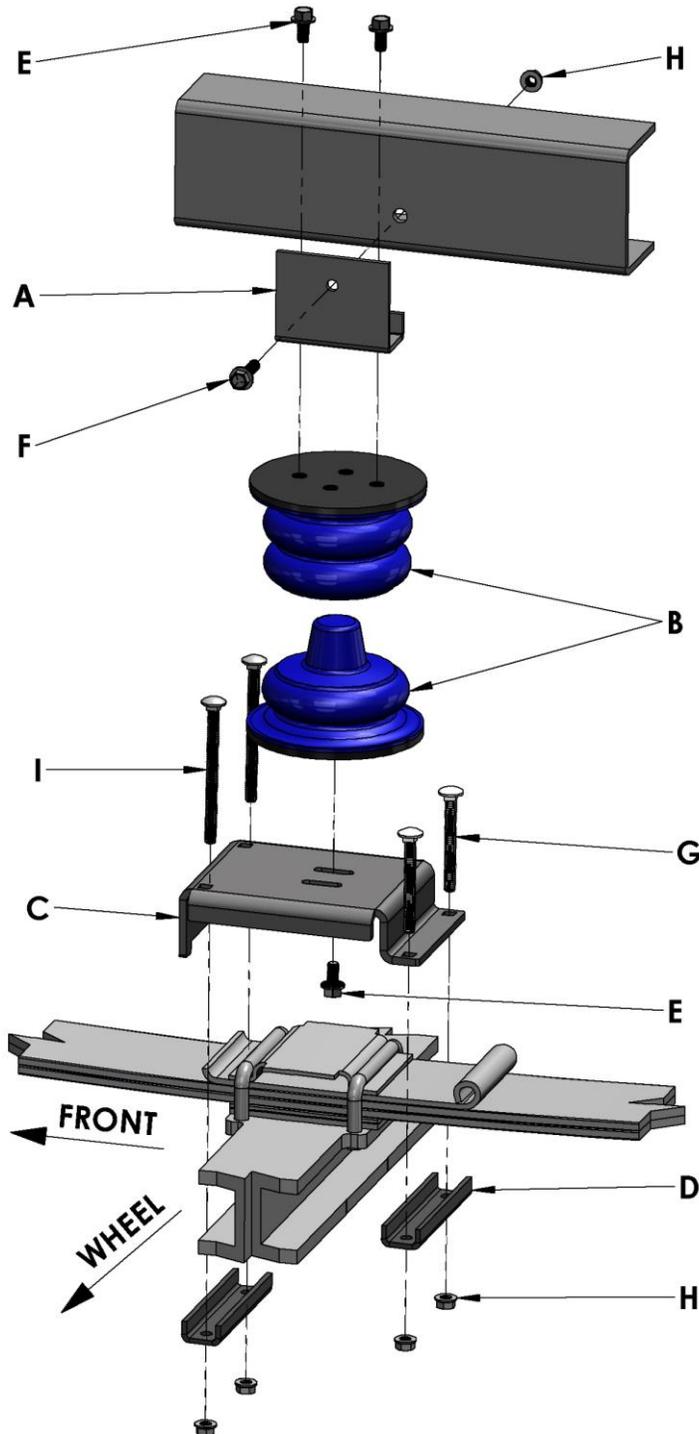


SumoSprings Front

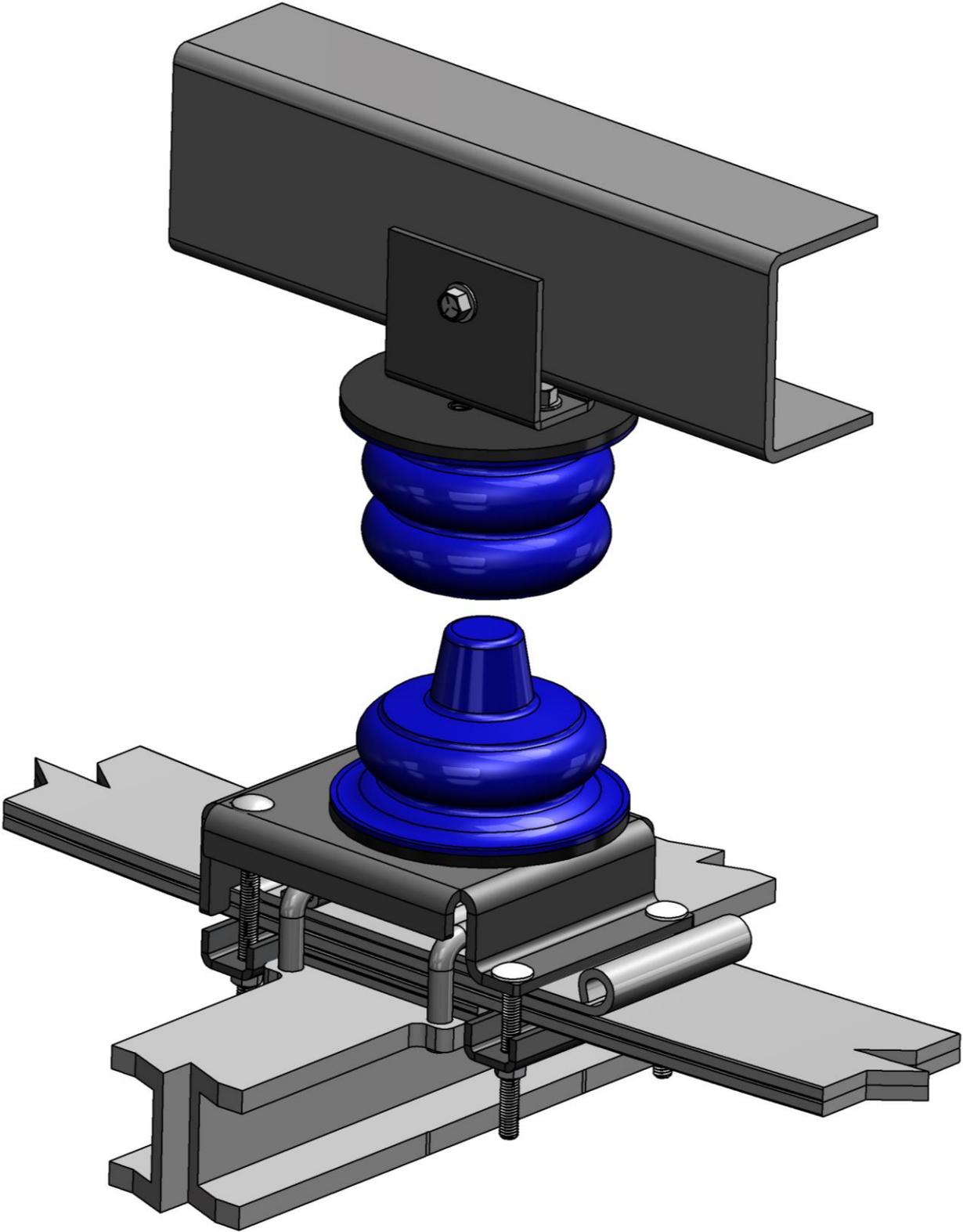
Ford F53 Motor Home, 16k-22k GVWR, 1990-2003

Part #SSF-172-40-2

Drivers Side (Passenger Side Similar)



| PARTS | | | |
|--------|--|--------|------|
| Part # | Description | Quant. | Item |
| 512035 | Upper bracket | 2 | A |
| 511419 | SumoSpring | 2 | B |
| 512034 | Lower bracket | 2 | C |
| 512042 | U-bracket strap | 4 | D |
| 512207 | 3/8-16 x ¾" serrated flange hex bolt | 6 | E |
| 512301 | 3/8-16 x 1.5" serrated flange hex bolt | 2 | F |
| 512211 | 3/8-16 x 3.5" carriage bolts | 4 | G |
| 512302 | 3/8-16 Locking flange nut | 10 | H |
| 512360 | 3/8-16 x 5.5" carriage bolts | 4 | I |
| 512265 | 3/8-16 x 3 1/2" hex bolt | 1 | |



Installation Instructions

- 1) Park vehicle on level hard surface. Engage emergency brake. Place blocks in front and behind rear wheels to prevent rolling. Observe all safety precautions and wear safety glasses.
- 2) Raise front of vehicle using the front leveling jacks to sufficient height to allow the assembly to be installed. Support the frame using safety jack stands.
- 3) Starting on the drivers remove the lower bracket (item C), upper bracket (item A), and SumoSpring (item B) from the box.
- 4) Attach the upper bracket to the top half of the SumoSpring (item B) using two 3/8-16 x 3/4" flanged hex bolts (item E) and set aside.
- 5) While consulting the diagram on page 1, attach the lower bracket to the bottom half of the SumoSpring in the correct orientation using a single 3/8"-16 flanged hex bolt (item E). Please note that the lower bracket attachment utilizes the inside slot closest to the frame.(or furthest from the wheel - see diagram on page 1) **Center the bolt in the adjustment slot and tighten securely.**
- 6) Insert two 3/8"-16 x 3 1/2" and two 3/8"-16 x 5" carriage bolts (item G and I) through the four square openings in the lower bracket as shown on page 1.
- 7) Place the lower assembly on the factory spring-pack ensuring orientation is correct as in pictures on page 2. See exploded diagram on page 1.
- 8) Attach the u-bracket straps (item D) to the carriage bolts using four 3/8" Top-lock nuts (item H).
- 9) Place the upper Sumo/bracket assembly on top of the lower assembly with the upper bracket in correct orientation to the frame.
- 10) Repeat steps 3 through 8 on the passenger's side.
- 11) Jack up the axle until the top J-bracket (item A) seats firmly against the underside of the frame on both driver and passenger side.
- 12) Using the J-bracket as a template drill the holes through the frame, both driver's side and passenger's side, using a 7/16 drill bit then secure the upper assembly to the frame by bolting the upper J-bracket to the chassis frame using a 3/8-16 x 1.25" bolt (item F) and 3/8"-16 Top-lock nut (item H).
- 13) Jack up vehicle, remove safety jack stands.
- 14) Carefully lower vehicle to the hard surface. Remove the blocks in front and back of the rear wheels.
- 15) Release emergency brake.
- 16) Fill out warranty card and send to SuperSprings. The warranty card is on the reverse side of this page.

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 Front

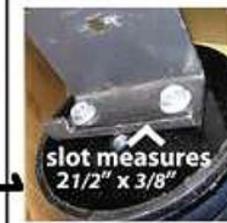
Suspension Enhancement
FORD F-53 Chassis Motor Home
Modification with aftermarket Davis trackbar
SumoSprings Part #SSF-172/176-40-2



Front Passenger's Side
SumoSprings



Slot both passenger and drive
side bottom bracket



Modify driver's side top
bracket



Front Driver's Side
SumoSprings

or slot as
required

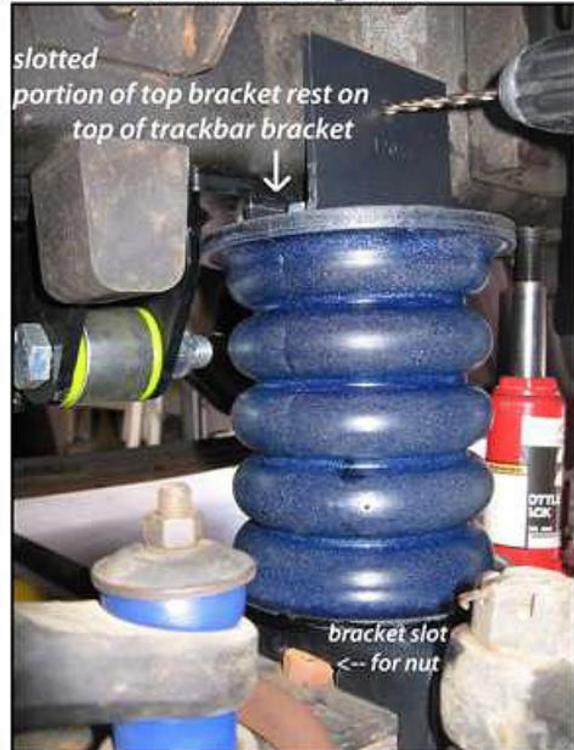
Passenger Side Installation

[with vehicle on the ground]



Driver Side Installation

[vehicle off the ground]



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.

SumoSprings Front

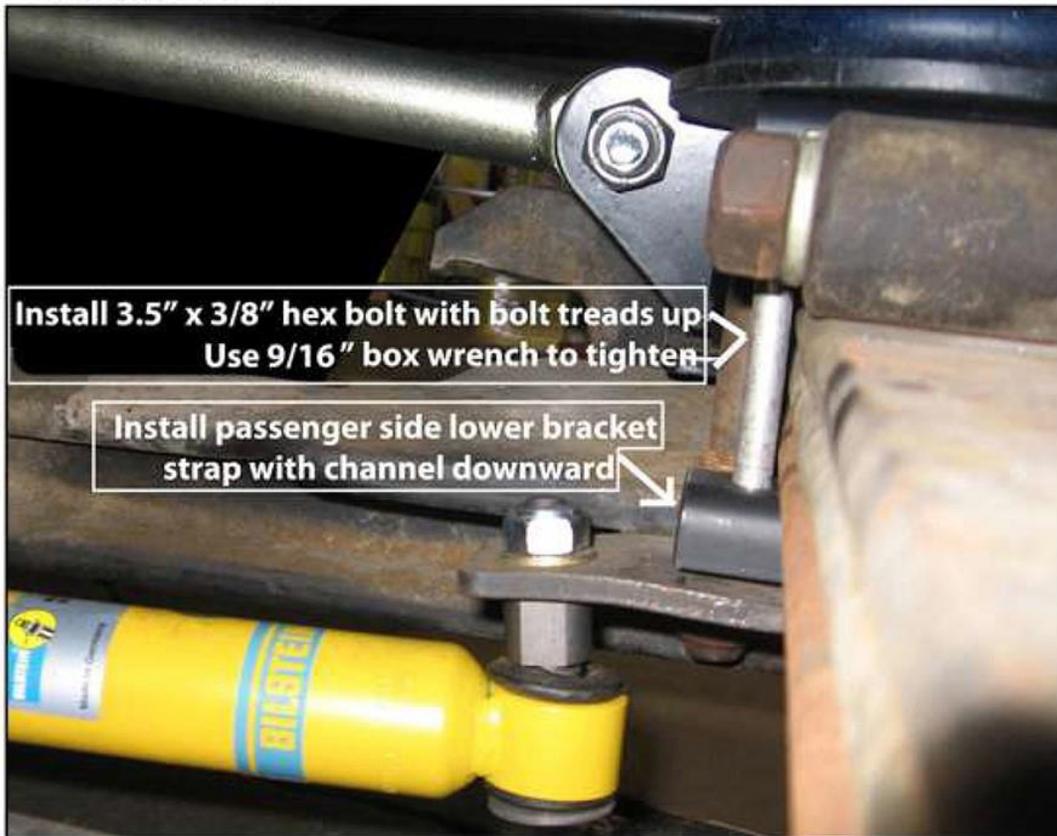
Suspension Enhancement
FORD F-53 Chassis Motor Home

SumoSprings Part #SSF-172/176-40-2

Modification with aftermarket Davis trackbar
for passenger side steering stabilizer bracket



Use 9/16" wrench closed end
to reach bolt head inside of lower
channel bracket.



Install 3.5" x 3/8" hex bolt with bolt treads up
Use 9/16" box wrench to tighten

Install passenger side lower bracket
strap with channel downward

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