

PART NUMBER

**SSR-187-40/54-1**



**NOTE:** To watch the video of this installation, please visit our YouTube page: [www.youtube.com/supersprings](http://www.youtube.com/supersprings)  
Video URL: <https://youtu.be/SfFnInZAV4c>

## BEFORE YOU BEGIN

### APPLICATIONS

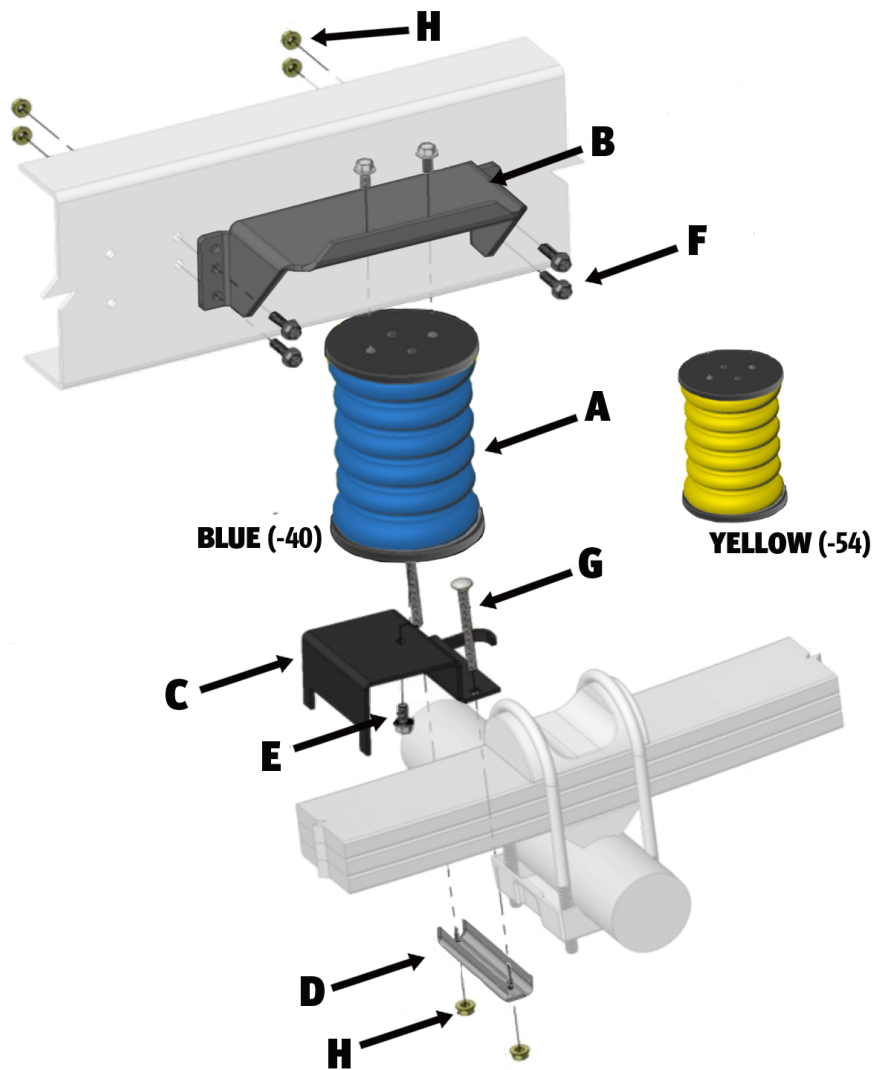
- › Ford F53 Chassis GVWR 16K-18K (2005 - present)
- › Ford F53 Chassis GVWR 20-22K (2005 - present)
- › Ford F53 Chassis GVWR 24K-26K (2008 - present)

### TOOLS REQUIRED

- › Floor jack
- › Safety jack stands
- › 9/16" wrench
- › Drill
- › 7/16" Drill Bit

### PARTS LIST

Item	Part #	Description	QTY
A	511405	SumoSprings Blue -40	2
	511403	SumoSprings Yellow-54	
B	512037	Upper frame bracket	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



**DRIVER'S SIDE (PASSENGER'S SIDE IDENTICAL)**

Part Number: **SSR-187-40/54-1**

Product Line: **SUMOSPRINGS REAR**

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#### SuperSprings International, Inc.

505 Maple Avenue  
Carpenteria, CA 93013

#### Installation Support

+1 (800) 898-0705  
support@supersprings.com

[superspringsint.com](http://superspringsint.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, Inc. 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.** SuperSprings' 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 level surface, the parking brake is ON, with the ignition OFF, and place blocks in front of and behind the front tires to prevent the vehicle from moving.

**DURING AND/OR AFTER INSTALLATION:** Ensure emergency brake cables are not touching the SuperSprings. 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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**IMPORTANT NOTICE:** Your part may have been loosely preassembled to show the final product as it will be once installed on your vehicle. Please disassemble the product before proceeding to the installation.

## INSTALLATION

1. Park the vehicle on a hard, level surface and engage the emergency brake. Place blocks in front and behind wheels to prevent rolling. Observe all safety precautions and wear safety glasses.
2. Raise the rear of the vehicle, allowing the axle to hang freely. Support the frame using safety jack stands. Removing the rear wheels is optional.
3. Attach the upper frame bracket [ITEM B] to the top of the SumoSPring [ITEM A] using two 3/8 – 16 X 3/4” serrated flange hex bolts [ITEM E]. Attach the lower bracket [ITEM C] to the bottom of the SumoSPring using a 3/8 – 16 X 3/4” serrated flange hex bolt [ITEM E].
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.
5. Using the U-bracket strap [ITEM D], the two carriage bolts [ITEM G], and two 3/8 - 16 top-lock nuts [ITEM I], fasten the lower bracket [ITEM C] to the factory spring pack.
6. Repeat steps 3-5 on the other side of the vehicle.
7. Jack up the vehicle axle until the upper frame bracket [ITEM B] is in the correct position on the frame. Position the bracket so the two lower holes are 6” down from the top of the frame. Using the bracket as a template, drill the lower mounting holes through the frame with a 3/8” drill bit.
8. Insert two 3/8-16 x 1.25” hex bolts and 3/8” top lock nuts in lower holes.
9. Using the upper bracket [ITEM B] holes as a guide, drill two upper holes using a 3/8” drill bit.  
*IMPORTANT NOTE: Make sure there is clearance on all cables/service lines inside the frame prior to drilling.*
9. Repeat step 7-19 on opposite side.
11. Raise the vehicle, remove safety jack stands, and carefully lower vehicle to the hard surface. Remove the blocks in front and back of the rear wheels and release the emergency brake.
12. 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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