

PART NUMBER

CSS-1195

Coil SumoSprings®

SCAN HERE: To watch a video of this installation



BEFORE YOU BEGIN

PRIMARY APPLICATIONS

- > Various applications on vehicles with coil suspension

TOOLS REQUIRED

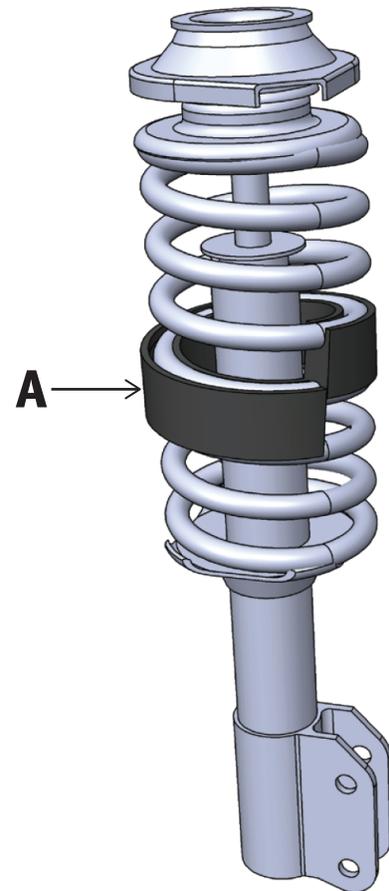
- > Floor Jack
- > Jack Stands
- > Wheel Chocks

PARTS LIST

Item	Part #	Description	QTY
A	511465	Coil SumoSprings	2



**UNINSTALLED
COIL SUMOSPRING**



DRIVER SIDE (PASSENGER SIDE SIMILAR)

Part Number: CSS-1195

Product Line: COIL SUMOSPRINGS

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Questions or Concerns?

Scan here:



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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.

REV. 2.01 | AUG 2023

PART NUMBER

CSS-1195



INSTALLATION

1. Park the vehicle on a hard, level surface and engage the emergency brake. Place chocks in front and behind the wheels to prevent rolling. Observe all safety precautions and wear safety glasses
2. Raise the vehicle until the axle hangs free. Rest the frame on safety jack stands rated for the weight of the vehicle. Removal of the wheel is optional.
3. Starting on the driver side, wipe the coil spring using a damp cloth to remove all debris from the center three coils. Apply soapy water to the coil to make installation easier.
4. The Coil SumoSpring has one deeper coil groove and one shallower. Make sure that the deeper groove is installed on the bottom.
5. Start the Coil SumoSpring installation between the second and third turns from the top of the coil. Place it around the coil spring like a collar with the ends toward the outside.
6. Using your hands, slide the bottom of the Coil SumoSpring (deeper groove) onto the coil until it is fully seated. Continue this motion until it is fully seated about a quarter way around the coil spring. Then, using your fingers, push the upper groove until it sits under the coil directly above it. With the palm of your other hand begin to push it into position between the turns of the coil spring.

NOTE: Installation shouldn't require any tools. However, if the fit is tight, you may use a dull tool (e.g. flat head screwdriver) to help pop the Coil SumoSpring into place.

7. Continue this motion until the Coil SumoSpring is fully inserted into the coil spring. Preferably, it should sit on the center turn of the coil.

NOTE: After you have installed your Coil SumoSprings, if the ends are overlapping more than 1 inch, you may need to cut off the excess overlap. Cut the excess of the Coil SumoSprings so that you have an overlap of 1/2" to 1".

8. Repeat steps 3 through 7 on the passenger side of the vehicle.
9. Raise the vehicle, remove safety jack stands, and carefully lower vehicle to the hard surface. Remove the chocks in front and back of the rear wheels.
10. 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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Product Line: COIL SUMOSPRINGS

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REV. 2.01 | AUG 2023

PART NUMBER

SSR-121-40/47/54



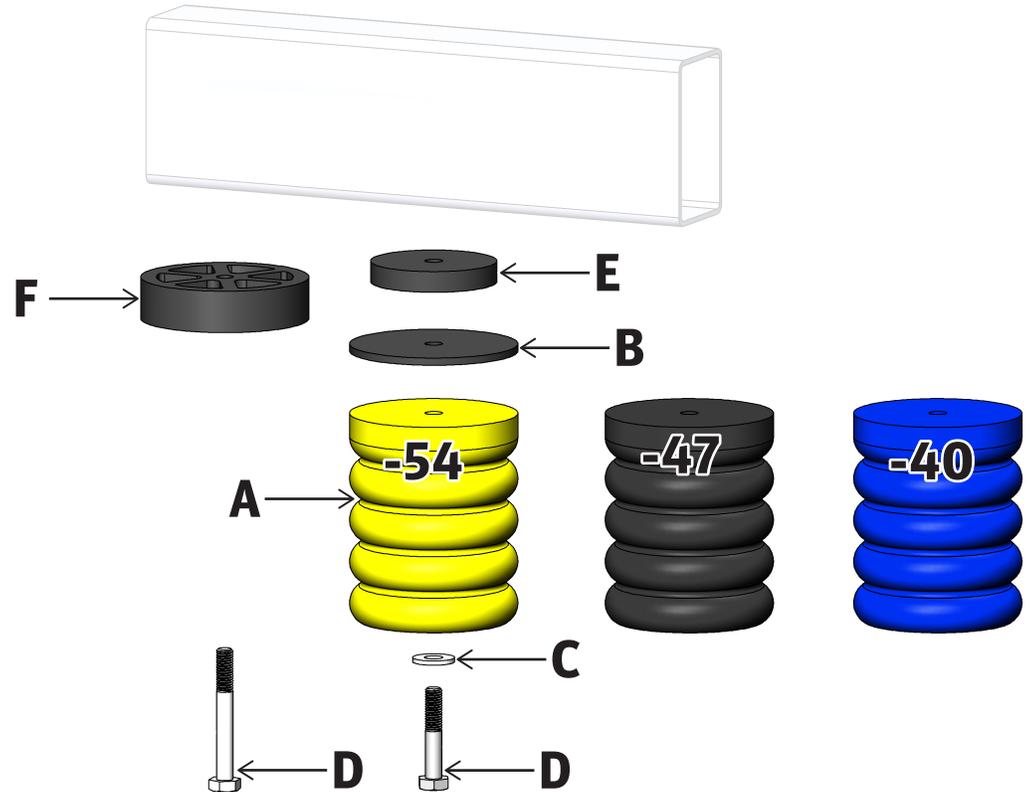
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BEFORE YOU BEGIN

PRIMARY APPLICATIONS

- > Ford Transit-150 4 X 2 (2015 - present)
- > Ford Transit-250 4 X 2 (2015 - present)
- > Ford Transit-350 4 X 2 (2015 - present)
- > Ford Transit-350 HD 4 X 2 (2015 - present)
- > Ford Transit-150 4 X 4 (2020 - present)
- > Ford Transit-250 4 X 4 (2020 - present)
- > Ford Transit-350 4 X 4 (2020 - present)
- > Ford Transit-350 HD 4 X 4 (2020 - present)



PARTS LIST

Item	Part #	Description	QTY
A	511456	SumoSprings Blue -40	2
	511457	SumoSprings Black -47	
	511458	SumoSprings Yellow -54	
B	512313	4" SumoSpring Plate	2
C	512227	3/8 Flat Washer	2
D	512328	M10-1.5 x 55mm Hex Bolt	2
	512319	M10-1.5 x 80mm Hex Bolt	2
E	512116	1/2" Spacer	2
F	512117	1" Spacer	2

DRIVER SIDE (PASSENGER SIDE SIMILAR)

TOOLS REQUIRED

- > Floor Jack
- > Jack Stands
- > Wheel Chocks
- > Metric Socket Set

Part Number: SSR-121-40/47/54

Product Line: SUMOSPRINGS REAR

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REV. 2.02 | JUN 2023

PART NUMBER

SSR-121-40/47/54



INSTALLATION

1. Park the vehicle on a hard, level surface and engage the emergency brake. Place chocks in front and behind wheels to prevent rolling. Observe all safety precautions and wear safety glasses.
2. With the vehicle on the ground, measure the distance from the bottom of the frame to the contact pad on the axle.
3. The SSR-121-40/47/54 kits come with several spacers and different length bolts to fit a variety of vehicle configurations. After taking the measurement, determine which combination of spacers will combine for a total height that is ½" to 1" less than the measurement between the frame and axle. (The 4" SumoSpring Plate [ITEM B] must always be used directly on top of the Sumospring [ITEM A])
4. Raise rear of vehicle allowing the axle to hang freely. Support the frame using safety jack stands.
5. Starting on the driver side, remove the existing factory bump stop by gripping firmly and twisting.
6. Remove the bump stop cup.
7. Insert appropriate length Hex Bolt [ITEM D] through the 3/8 Flat Washer [ITEM C], the center of the Sumospring [ITEM A], 4" SumoSpring Plate [ITEM B], and ½" Spacer [ITEM E] and/or 1" Spacer [ITEM F] as determined in step 3.
8. Apply a drop of Blue Thread Locker to the threads of the bolt and thread it into the same hole in the frame that the factory bump stop was removed from. Tighten the bolt and torque to 20 ft-lbs.
9. Repeat steps 3 through 8 on the passenger side of the vehicle.
10. Jack up vehicle, remove safety jack stands.
11. Carefully lower vehicle to the hard surface.
12. Remove wheel chocks from the front wheels.
13. Register the warranty for your SuperSprings International part. A warranty card can be found in the box your part came in.

Part Number: SSR-121-40/47/54

Product Line: SUMOSPRINGS REAR

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