

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

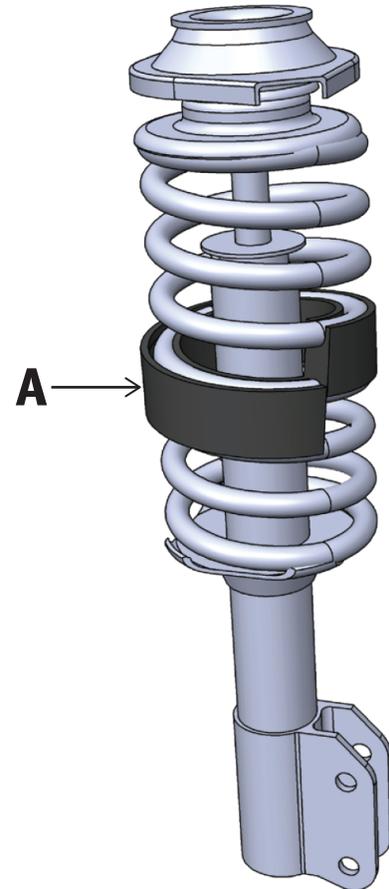
- > Floor Jack
- > Jack Stands
- > Wheel Chocks

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 ½" 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.

Part Number: CSS-1195

Product Line: COIL SUMOSPRINGS

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REV. 2.01 | AUG 2023

PART NUMBER

SSR-313-40/47/54



SCAN HERE: To watch a video of this installation



BEFORE YOU BEGIN

PRIMARY APPLICATIONS

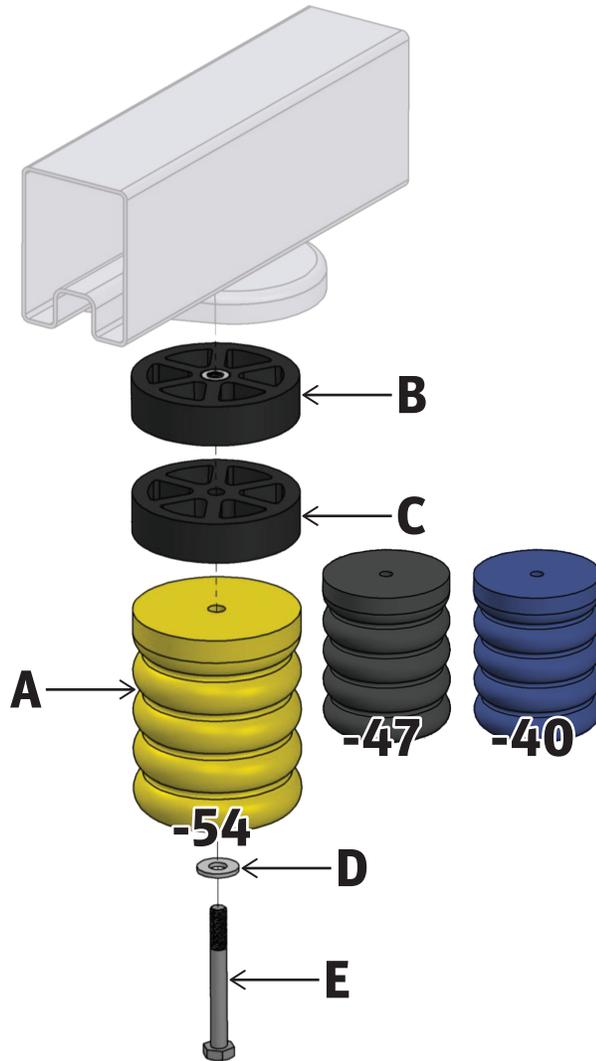
- > RAM ProMaster 1500 4 X 2
(2014 - present)
- > RAM ProMaster 2500 4 X 2
(2014 - present)
- > RAM ProMaster 3500 4 X 2
(2014 - present)
- > Citroen Relay
(1994 - present)
- > Fiat Duacto
(1994 - present)
- > Peugeot Boxer
(1994 - present)

PARTS LIST

Item	Part #	Description	QTY
A	511456	SumoSprings Blue -40	2
	511457	SumoSprings Black -47	
	511458	SumoSprings Yellow -54	
B	512135	1" Spacer with M10 - 1.25 Nut	2
C	512117	1" Spacer	2
D	512384	M10 Flat Washer	2
E	512315	M10-1.25 x 60mm Bolt	2
	512326	M10-1.25 x 90mm Bolt	2

TOOLS REQUIRED

- > Floor Jack
- > Jack Stands
- > Wheel Chocks
- > 17mm Sockets
- > Ratchet & Extension



DRIVER SIDE (PASSENGER SIDE SIMILAR)

Part Number: SSR-313-40/47/54

Product Line: SUMOSPRINGS REAR

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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. 2.02 | AUG 2023

PART NUMBER

SSR-313-40/47/54



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. Raise the rear of the vehicle allowing the axle to hang freely and rest the frame on the safety jack stands rated for the weight of the vehicle.
 3. Starting on the driver side, unscrew (rotating anti-clockwise) the factory bump stop from the underside of the frame. It may be helpful to use a flathead screwdriver and hammer or spanner wrench to break the bump stop loose, using moderate force applied to the flange at top.
 4. Depending on your setup and van weight, set up your SumoSprings with one or two of the 1" Spacers in the kit. If you want the springs to engage sooner, use both spacers and the longer bolt.
 5. Place the appropriate length Bolt [ITEM E] through the M10 Flat Washer [ITEM D], SumoSpring [ITEM A], and if desired the 1" Spacer [ITEM C] and thread it through the 1" Spacer with pressed-in nut [ITEM B]. **DO NOT APPLY THREAD LOCKER HERE.** Use a 17mm socket on an extension to tighten the assembly together.
- NOTE:** Make sure the 1" Spacer [ITEM B] is the top spacer in either configuration and that the pressed-in nut is facing up.
6. Apply Blue Thread Locker to the threads of the bolt and screw in the completed assembly to the underside of the frame where you pulled the factory bump stop from. Tighten as much as possible by hand only.
 7. Repeat steps 3 through 6 on the other side of the vehicle.
 8. 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.
 9. Register the warranty for your SuperSprings International part. A warranty card can be found in the box your part came in.

Part Number: SSR-313-40/47/54

Product Line: SUMOSPRINGS REAR

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