

PART NUMBER

**CSS-1145**

**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**

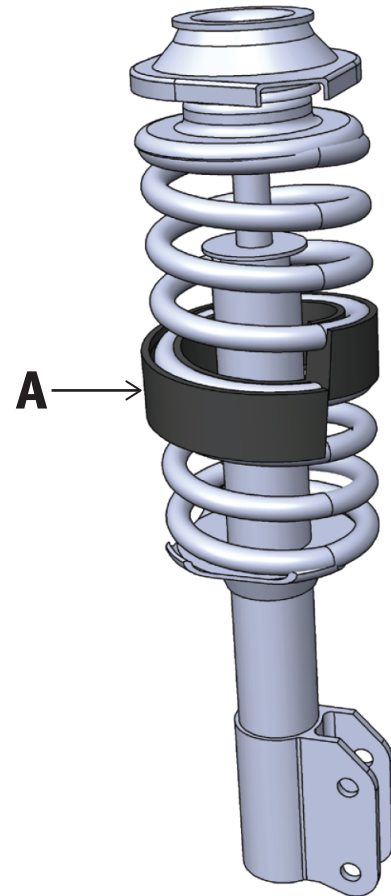
- > Floor Jack
- > Jack Stands
- > Wheel Chocks

**PARTS LIST**

Item	Part #	Description	QTY
A	511464	Coil SumoSprings	2



**UNINSTALLED  
COIL SUMOSPRING**



**DRIVER SIDE (PASSENGER SIDE SIMILAR)**

**Part Number: CSS-1145**

**Product Line: COIL SUMOSPRINGS**

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**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.

REV. 2.0 | JUN 2022

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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 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.

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<p><b>SuperSprings International, Inc.</b> 505 Maple Avenue Carpinteria, CA 93013</p> <p><b>Installation Support</b> +1 (800) 898-0705 support@supersprings.com</p> <p>superspringsint.com</p>	<p><b>SAFETY NOTICE:</b> We recommend installation be done by a professional or persons with sound mechanical knowledge.</p> <p><b>WARNING:</b> 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. <b>Do not put yourself in a position where, if the vehicle were to move unexpectedly, you may be injured.</b> SuperSprings' products are designed to improve vehicle ride quality. Do not load any vehicle beyond the manufacturer's specifications.</p>	<p><b>Never exceed the manufacturer's Gross Vehicle Rating (GVWR) located on your vehicles identification tag.</b></p> <p><b>BEFORE INSTALLATION:</b> 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.</p> <p><b>DURING AND/OR AFTER INSTALLATION:</b> Ensure emergency brake cables are not touch-ing 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.</p>	<p>REV. 2.0   JUN 2022</p>