

PART NUMBER  
**SSC-12**



**BEFORE YOU BEGIN**

**PRIMARY APPLICATIONS**

**Front Suspension for:**

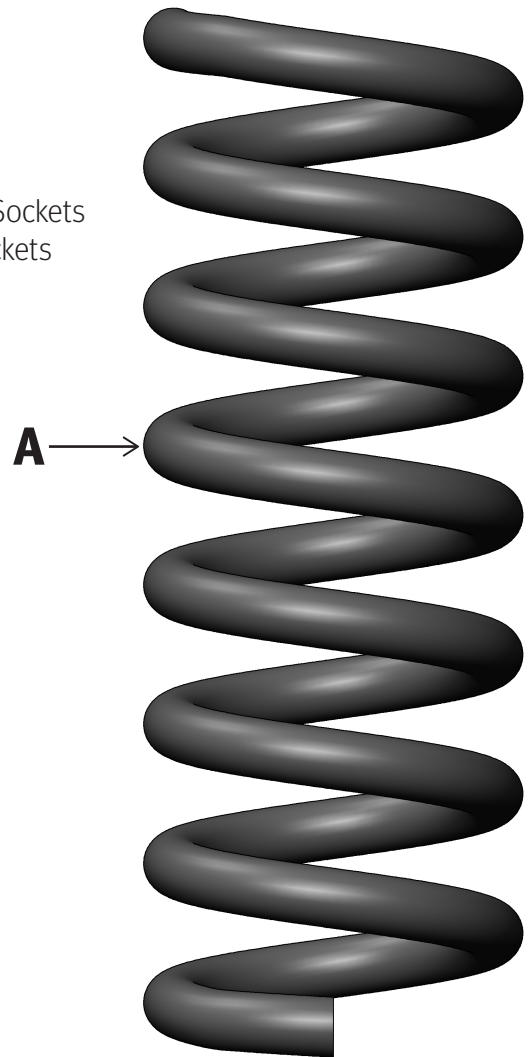
- > Chevrolet C2500 4 X 2 (1988 - 2000)
- > Chevrolet Express 3500 4 X 2 (1996 - 2002)
- > Chevrolet Silverado 2500 4 X 2 (1999 - 2004)
- > Chevrolet Silverado 2500 HD 4 X 2 (2001 - 2006)
- > Dodge RAM 2500 4 X 2 (1994 - 2010)
- > Dodge RAM 3500 4 X 2 (1994 - 2010)
- > GMC C2500 4 X 2 (1988 - 2000)
- > GMC Savana 3500 4 X 2 (1996 - 2002)
- > GMC Sierra 2500 4 X 2 (1999 - 2004)
- > GMC Sierra 2500 HD 4 X 2 (2001 - 2006)
- > RAM 2500 4 X 2 (2011 - 2013)
- > RAM 3500 4 X 2 (2011 - 2012)

**PARTS LIST**

Item	Part #	Description	QTY
A	202012	SSC-12 Coil Spring	2

**TOOLS REQUIRED**

- > Floor Jack
- > Jack Stands
- > Wheel Chocks
- > Standard Wrenches & Sockets
- > Metric Wrenches & Sockets
- > Torque Wrench



**NOTE:**

Pay attention to how the factory spring is oriented when removed and install the SuperCoil in the same orientation.

**Part Number: SSC-12**

**Product Line: SUPERCOILS FRONT**

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Questions or Concerns?

Scan here:



or visit:  
[superspringsinternational.com](http://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.

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**INSTALLATION**

1. Park the vehicle on a hard, level surface and engage the emergency brake. Place chocks in front and behind the rear wheels to prevent rolling. Observe all safety precautions and wear safety glasses.
2. Raise the front of the vehicle using a jack rated for the vehicle weight and support the frame with jack stands. Keep the jack in place supporting the weight of the axle. Remove the front wheels.
3. Starting on the driver side, if equipped with front ABS brakes, disconnect ABS connector (coil against caliper), remove ABS and brake line from where they mount to the upper control arm and spindle.
4. Remove tie rod nut and separate tie rod (this can be accomplished after nut has been removed by repeatedly striking the end of the steering knuckle with a hammer. DO NOT strike the tie rod threads).
5. Remove bolts securing brake caliper assembly, slightly depress brake piston to make it easier to reinstall, remove caliper and tie up/support assembly to the side. DO NOT ALLOW IT TO HANG UNSUPPORTED BY BRAKE LINE.
6. Remove brake rotor (remove and discard factory set/lock washers if present).
7. Remove the front sway bar end links on both sides, where they connect to the lower control arms, this allows the bar to pivot if needed.
8. Remove shock absorber upper and lower mounting nuts, drop and remove shock.
9. Position ample support under the lower control arm and lightly compress the coil spring.
10. Loosen the upper ball joint nut and separate the ball joint from the spindle (this can be accomplished after nut has been loosened by repeatedly striking the side of the spindle adjacent to the ball joint with a hammer. DO NOT strike the ball joint threads)
11. Slowly back off the support from below the lower control arm decompressing coil spring in a controlled manner, with tension released remove the ball joint nut.
12. To assist in the installation of the new spring, note the coil springs seated position and remove. Remove factory rubber spring isolator(s) and re-position onto new spring, match up old and new springs, look for unique features to identify the top vs. bottom.
13. Install new coil spring taking note to re-seat/index it the same way as was noted above.
14. In the opposite manner to its removal, now raise the lower control arm/coil spring to allow the upper ball joint to be reinstalled into the spindle
15. Reinstall shock absorber, remount brake rotor. Reinstall caliper assembly; bolt it to spindle using a suitable thread locker. Reinstall tie rod to steering knuckle. Reattach ABS lead mounts and connector and reattach brake fluid line bracket mounting positions.
16. Refrain from reattaching sway bar end link until steps 3 through 15 are repeated on the passenger side. Once completed, then reattach sway bar end links at both sides.
17. Install the wheels and torque the lug nuts to factory specs.
18. Raise the vehicle and remove the jack stands. Carefully lower vehicle to the ground and remove the wheel chocks.
19. Register the warranty for your SuperSprings International part. A warranty card can be found in the box your part came in.

**Part Number: SSC-12**

**Product Line: SUPERCILS FRONT**

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