

PART NUMBER

**SSC-31**



SCAN HERE: To watch a video of this installation



**BEFORE YOU BEGIN**

**PRIMARY APPLICATIONS**

Front Suspension for:

- > Ford E-450 Econoline Super Duty 4 X 2 (1999 - 2002)
- > Ford E-450 Super Duty 4 X 2 (2003 - 2017)
- > Ford F-250 4 X 2 (1980 - 1999)
- > Ford F-250 HD 4 X 2 (1997)
- > Ford F-250 Super Duty 4 X 2 (1999 - 2016)
- > Ford F-350 4 X 2 (1980 - 1997)
- > Ford F-350 Super Duty 4 X 2 (1999 - 2016)

**PARTS LIST**

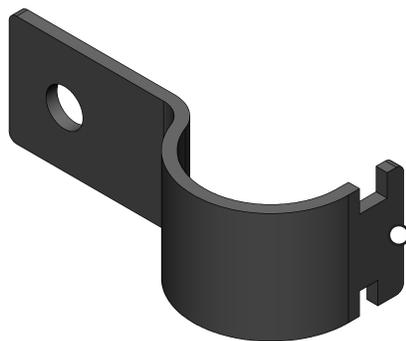
Item	Part #	Description	QTY
A	202031	SSC-31 Coil Spring	2

**TOOLS REQUIRED**

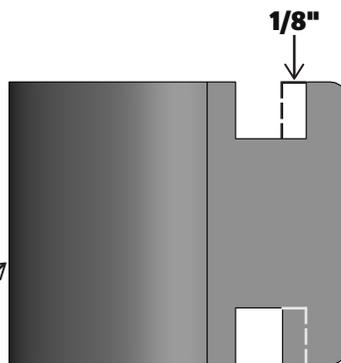
- > Floor Jack
- > Jack Stands
- > Wheel Chocks
- > Metric Sockets/Wrenches
- > Torque wrench

**NOTE:**

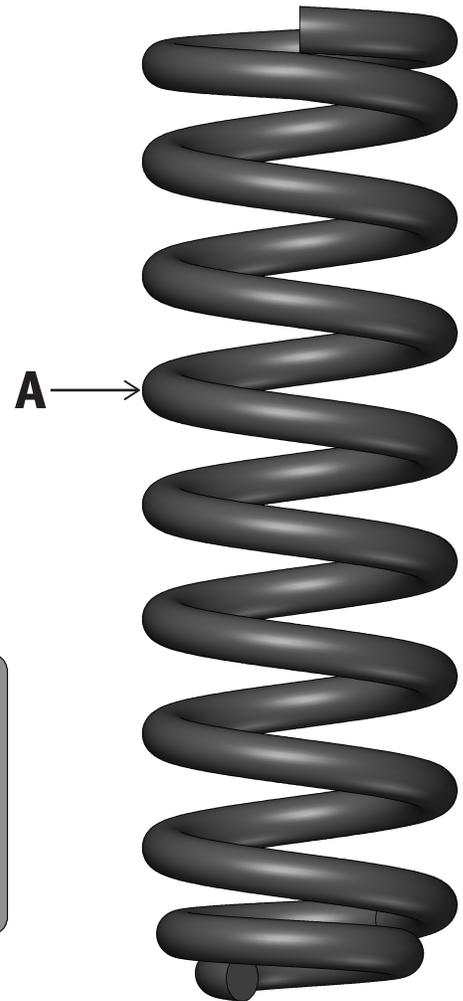
Pay attention to how the factory spring is oriented when removed and install the SuperCoil in the same orientation.



**UPPER SPRING RETENTION CLIP**



**DIAGRAM B**



**DIAGRAM A**

**Part Number: SSC-31**

**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.

PART NUMBER  
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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 wheels to prevent rolling. Observe all safety precautions and wear safety glasses.
2. Raise the front of the vehicle by the axle 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.
3. Remove the front wheels.
4. Unbolt the sway bar from sway bar end links.
5. Unbolt the track bar from the frame.
6. Unbolt brake line brackets from the axle and the frame to ensure the brake lines are not damaged.
7. If so equipped, remove the factory spring retention clip at the top of the coil and set aside for later.
8. With the axle still supported, unbolt the shocks from the axle.
9. Carefully lower the axle just enough to remove to remove tension from the factory coil springs and be careful to avoid putting stress on the ABS and brake lines.
10. If so equipped, remove nut and circular spring retention plate at bottom of the coil.
11. Remove the factory coil springs from the vehicle.
12. Remove the factory coil isolators from the factory coils and place them on the SuperCoils.
13. Install the SuperCoils taking note to re-seat/index it the same way as the factory coils were.
14. If so equipped, reinstall the circular spring retention plate in the bottom of the coil.
15. Raise the axle enough to connect the shocks to the axle. Torque the shock bolts to factory specifications.
16. If equipped with an Upper Spring Retention Clip, modify it per Diagram B by grinding the slots to open them up 1/8". Be sure to grind the side toward the end of the clip as indicated. Reinstall the clip and torque bolt to factory specifications.
17. Reinstall the brake line brackets to the frame and axle and torque the bolts to factory specifications.
18. Reconnect the track bar to the axle and torque the bolt to factory specifications.
19. Reconnect the sway bar and torque the bolts to factory specifications.
20. Install the wheels and torque the lug nuts to factory specifications.
21. Raise the vehicle and remove the jack stands. Carefully lower vehicle to the ground. Remove the wheel chocks from in front and behind the front wheels.
22. Register the warranty for your SuperSprings International part. A warranty card can be found in the box your part came in.

**Part Number: SSC-31**

**Product Line: SUPERCILS FRONT**

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