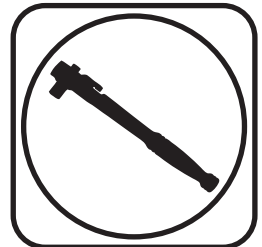




### Part # 11382310 - 1999-2006 Silverado Front Coil Spring



#### Recommended Tools



## 1999-2006 Silverado Front Coil Springs Installation Instructions

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IF INSTALLING DROP SPINDLES, INSTALL THEM IN CONJUNCTION WITH THE COIL SPRINGS.

! Coil springs may be under tension. Springs under tension store a great amount of energy. Use caution during the following steps to avoid personal injury and/or damage to vehicle. Be careful not to damage the brake hoses and/or ABS harness while removing/installing the coil springs.



### Major Components .....In the box

Part #	Description	QTY
54140880	Front Coil Springs	2
90003255	Front Coil Spring Seat	2
90003254	Coil Spring Spacer	4

### Getting Started.....

If installing drop spindles, they should be installed while installing springs. The front suspension should be assembled with the upper ball joint disconnected from the spindle.

The Silverado StreetGrip Coil Spring utilizes an adjustable upper spring seat setup. This spring seat setup allows the height of the truck to be adjusted by shimming the spring. The kit comes with 2 shims per side, additional shims can be purchased through Ridetech or an authorized Ridetech Dealer. Each shim will affect the front ride height approximately 3/8". We provided some recommendations on the shim setup we used depending on the truck setup. This could vary depending on your wheel/tire combination.

**Regular Cab Short Bed V6 - Spring Seat Only, No Shims**

**Regular Cab Short Bed V8 - Spring Seat & 1 Shim per side**

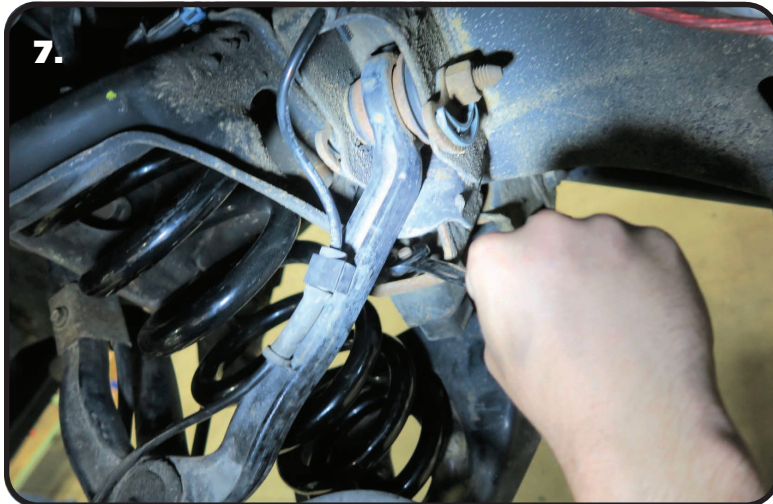
**Crew Cab Short Bed V8 - Spring Seat & 2 Shims per side**

### Disassembly

1. Jack the truck up and support it with jacks stands. The truck needs to be high enough to allow the lower control arm to swing down to remove the spring.
2. Remove the brake line bracket that attaches to the top of the spindle. You will need to remove the ABS wire from the brake house bracket.
3. Remove the brake caliper and hang it off the frame. Do not let the caliper hang from the brake hose, this can damage the hose.
4. Disconnect the ABS sensor wire and remove it from the clips on the upper control arm.
5. Disconnect the sway bar linkage from the lower control arm.
6. Remove the OEM shock. Retain the lower control arm hardware.



### Coil Spring Installation



7. Remove the OEM bumpstop from the frame.



8. Support the lower control arm with a jack and disconnect the upper ball joint from the spindle, SLOWLY lower the control arm to relieve tension from the coil spring. Remove the coil spring from the truck.

**IF YOU ARE INSTALLING A SPINDLE ALONG WITH THE COIL SPRING, NOW IS A GOOD TIME TO INSTALL IT. LEAVE THE UPPER BALL JOINT DISCONNECTED TO INSTALL THE COIL SPRING.**



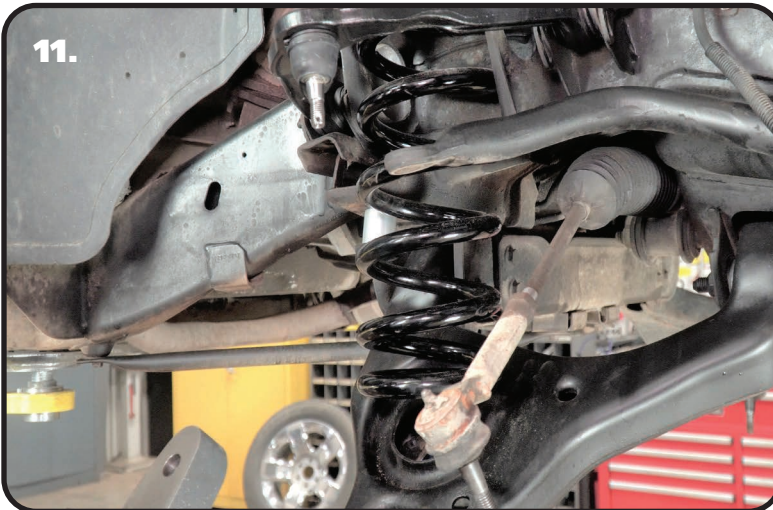
9. Remove the spring rubber from the OEM spring and install it on the new coil spring.



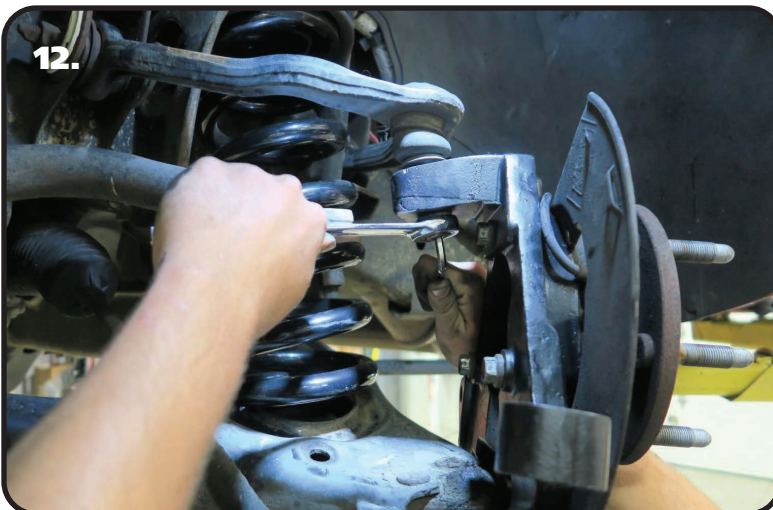
### Coil Spring Installation



**10.** The coil spring seat is positioned on the top of the coil spring with the center ring inserted into the coil spring. Use the guide on Page 2 for determining if you should install spacer(s).



**11.** Insert the coil spring/seat combo into the OEM coil spring pocket. Twist the spring on the upper seat to get the bottom of the coil spring lined up with the receiver in the control arm. The end of the coil spring needs to be nested into the receiver area of the control arm. Slowly jack the control arm up.



**12.** With the control arm jacked up into position, install the top of the Spindle onto the ball joint pin. Torque the ball joint nut to 20 ftlbs.

**13.** Since you made changes to the front suspension, have the front end realigned.

#### Alignment Specs:

Toe: 1/6" - 1/8" Toe In  
Camber: -.5°  
Caster: +3° - +5°