

## *4/6 Coil Spring Kit 19390 67-72 C-10 Truck*



*Thank you for your purchase from our new line of Chevy parts.  
Please call us at 877 - 4NO - ROLL if you have any questions  
regarding the service or installation of your Hotchkis Performance products.*

**IMPORTANT: PLEASE READ THE ENTIRE INSTRUCTION MANUAL BEFORE  
STARTING THIS INSTALLATION.**

### *Installation of Front Coils*

**1F** *Raise Vehicle*

Raise the vehicle using a lift or floor jacks. Secure the vehicle with jack stands and/or use chocks for the rear wheels if applicable. Raise the front of the vehicle until the front wheels are off the ground.

2F *Remove Wheels*  
Remove the front wheels.

3F *Remove Cotter Pins*  
Our main objective is to detach the lower control from the spindles. In order to do that we will need to unfasten the lower ball joint castle nut. The first step in doing this is to remove the cotter pins using dikes or pliers.



4F *Loosen Lower Ball Joint Castle Nut*  
Once the cotter pin is out of the way, use a wrench to loosen the castle nut. DO NOT undo the castle nut completely. Just loosen the nut so there is 3-4 threads showing between the bottom of the nut and the spindle. This gap will allow you to break the taper loose without launching the lower control arm down and sending the spring airborne.

5F *Disengage Ball Joint Taper*  
The lower ball joint stud is tapered and seats inside the spindle mount. It will take a certain amount of impact to break this taper seat loose. Do so by using a large ball peen hammer and smack the spindle mount until the ball joint breaks loose. This may take quite a few tries, but it will eventually break loose. Spray penetrating oil on the stud/spindle mating surface to ease the process. Once the taper seat breaks loose you will hear the lower arm pop and the load from the spring is resting on the castle nut.

6F *Support the lower arm and remove Nut*

Place a jack underneath the lower control arm and jack up to support the force from the spring. You should see the castle nut rise and you should be able to remove the nut by hand.

7F *Remove the spring*

Slowly lower the jack which will swing the lower arm down and release the coil spring.

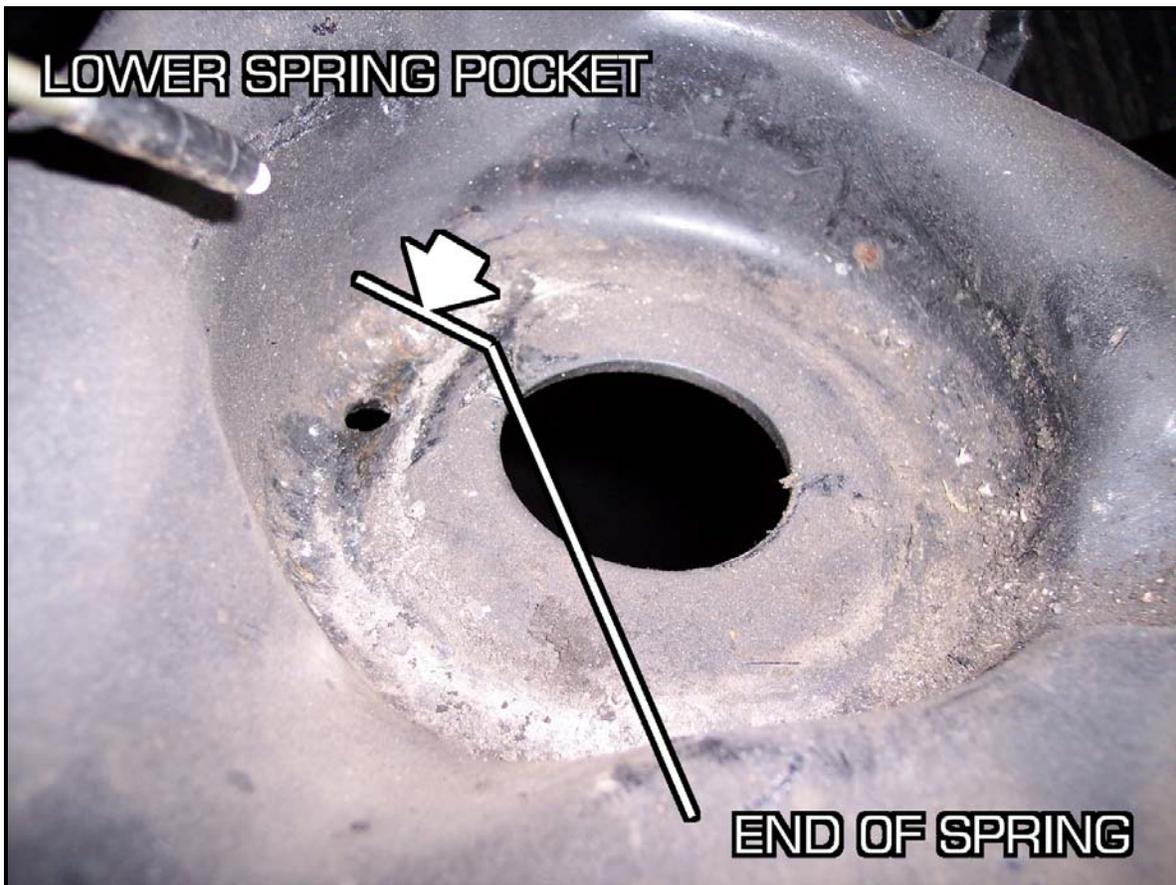
8F *Install New Droop Stop*

The Hotchkis spring is a bit shorter in height compared to stock. This requires a taller droop stop to be installed on the upper a-arms to prevent the coil from disengaging from the mounting pocket during full droop. Undo the stock droop stop and replace it with the supplied Hotchkis droop stop.



9F *Install Hotchkis Coils*

Install the coil spring in the same manner as stock removal. Make sure to clock and index the bottom coil in the lower control arm properly. You also want to make sure the upper coil is seated in the top pocket properly as well. If you have our Hotchkis Lower Control Arms (#11390L), make sure the upper coil is seated properly and the lower polyurethane isolator is clocked properly in the Hotchkis arm.



10F *Reverse steps 3F to 7F*

Perform the same procedure in reverse order to finish installing the front springs.

## Installation of Rear Coils

### 1R *Raising Car*

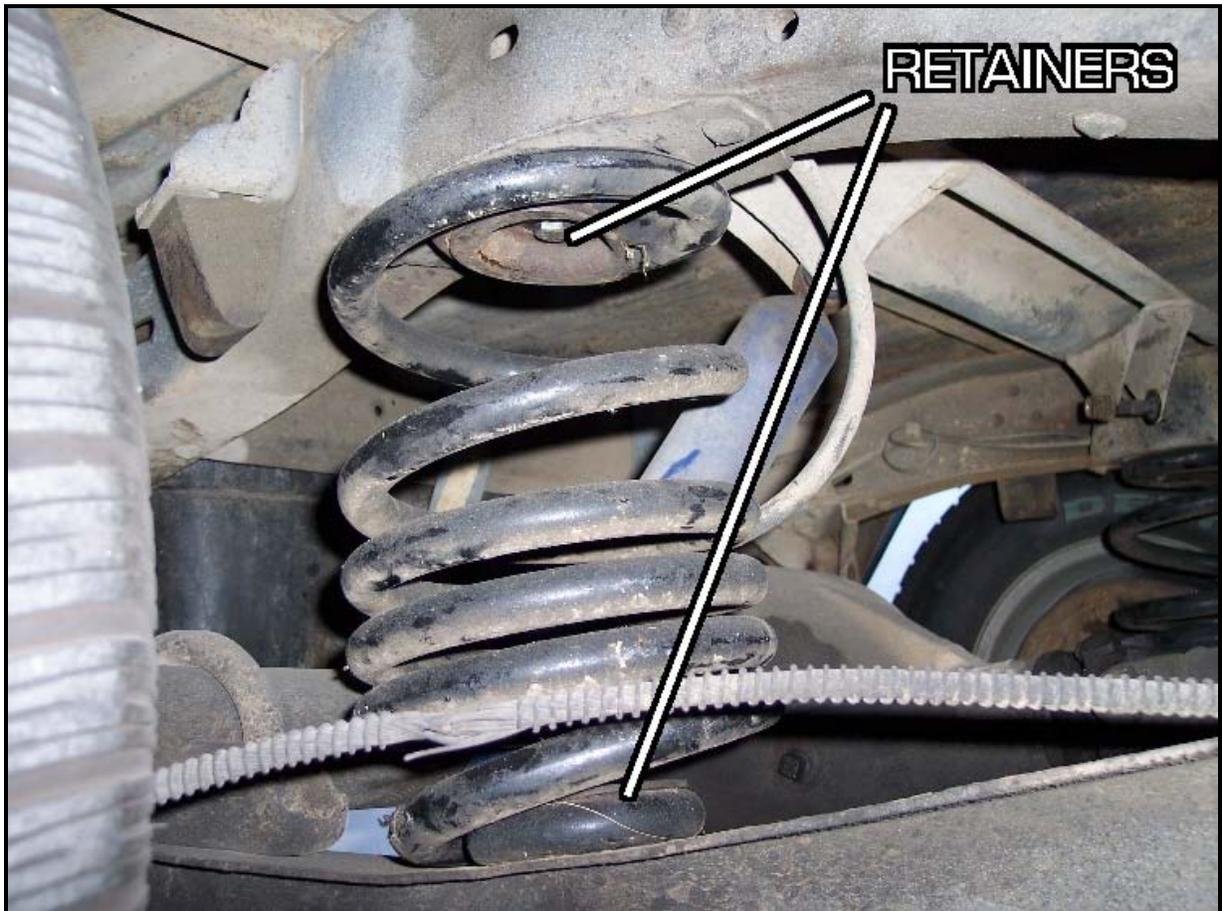
Raise the vehicle using a lift or floor jacks at the rear frame points. It is important that you do not jack up the truck from the rear end differential. Use chocks for the front wheels. Raise the rear of the vehicle until the rear wheels are barely touching the ground. It would be a good idea to place jack stands under the frame for safety.

### 2R *Disconnect Rear Shocks*

In order to get the springs out we must disconnect the rear shocks from the trailing arms (Truck Arms) to allow them to droop down enough. Disconnect the lower shock nut located on the truck arm bracket. You may need to play with the height of the floor jack to relieve any pulling load the rear end may have on the shocks. To relieve any load on the coils, raise the floor jack until the rear wheels are barely off the ground

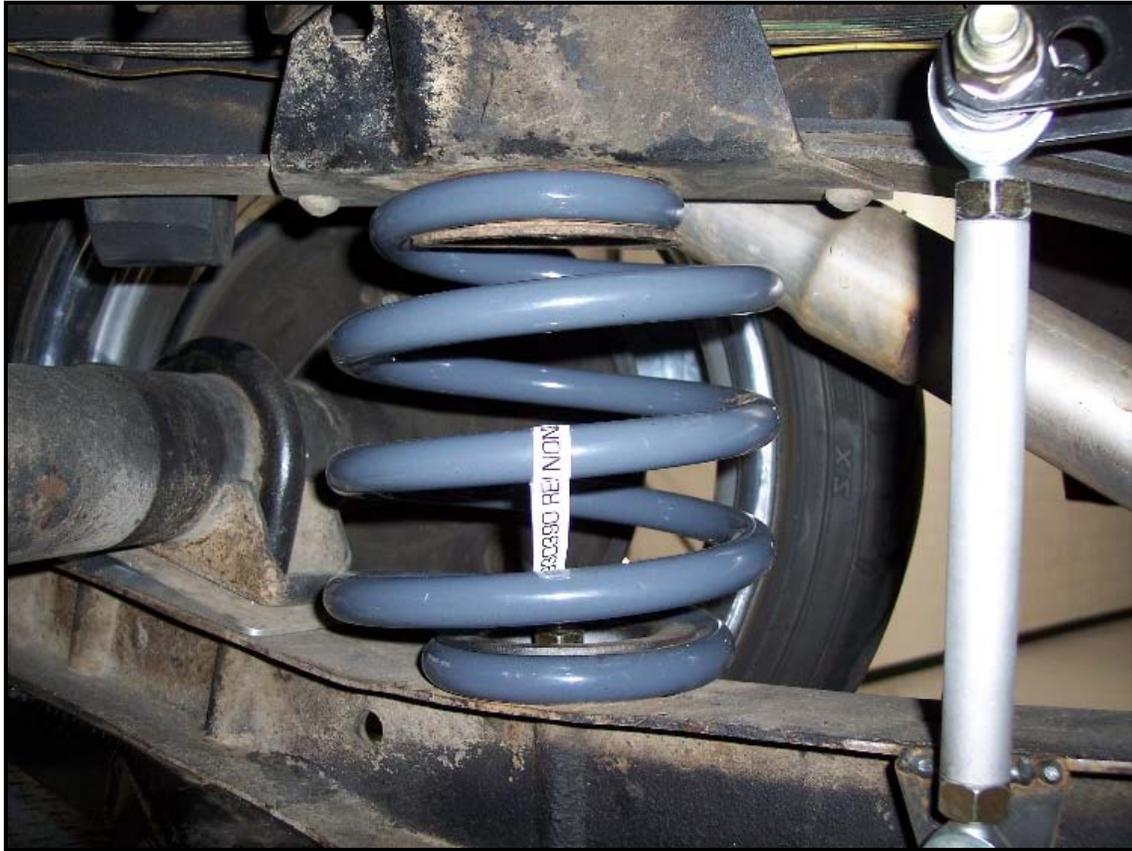
### 3R *Remove Rear Spring*

Each spring has a top and bottom retainer. Undo the bolts that secure these retainers. The spring should be loose and free from the truck. Keep retainers for reinstallation.



4R *Install Hotchkis Rear Coils*

Install the coil spring in the same manner as stock removal. Your kit includes new hardware for the stock retainers. Always install the split lock washers on the nut side of the nut/bolt assembly.



5R *\*Optional Spacers*

Your Hotchkis spring kit comes with optional spacers for the rear coils. If you are prone to having a load in the bed, then it may be beneficial to use these spacers. The kit has 4 spacers, each ¼" thick. Each spacer will raise the rear of the vehicle by ¼". You can use up to 2 spacers per side to give a total lift of ½". To install, Place the spacers between the coil spring and the truck arm during procedure step 4R.



*Check out our other great products for your C10 Pickup at  
Hotchkis.net*

- 19390 Sport Coil Springs (4/6 Drop)
- 11390U Tubular Upper A-Arms (Improved Camber Curve)
- 11390L Tubular Lower A-Arms (Increased Caster for Stability and Cornering Grip)
- 18390 Rear Suspension Package (Quality rear shocks and longer/lower track bar for improved rear grip)
- 22390 Sway Bar Kit (Reduce Body Roll and Enhance Vehicle Response)
- 30390 Anti-Squat Kit (Increased anti-squat for better launches)
- 70390 Front Shock Kit (Re-positions front Bilstein shocks for more travel for lowered trucks)

## Hotchkis Performance LLC Return Policy & Limited Warranty

Effective December 1, 2010 all Hotchkis products must be registered to qualify for warranty at [www.hotchkis.net](http://www.hotchkis.net) or via the mail-in warranty card, included with the product, within 30 days of the original purchase date.

**IMPORTANT:** This warranty supersedes all other warranties included with this product.

### Return Policy

We want you to be completely satisfied with your Hotchkis Performance product. For products, presenting signs of shipping damage please contact the freight carrier immediately. All our products are guaranteed to be free from manufacturer's defects. If your order arrives with a manufacture defect, please contact our Customer Service Department at (562) 907-7757. You will be assigned a Returned Goods Authorization Number (RGA). The package you return must show the RGA on the outside of the package, include the original invoice and be shipped prepaid to our facility. The product has to be unused and in its original packaging materials. Exchanges or refunds made after 30 days will be subject to a 20% restocking charge. **If you purchased your Hotchkis Performance product from an authorized dealer, you are still covered by this return policy. All returns however, should be made to your dealer, not to Hotchkis Performance directly.**

### Limited Warranty

Hotchkis Performance offers a Limited Warranty against defects in materials and workmanship for the term of 36 months (3 years) from the date of purchase of this product. This Warranty only applies to the original retail purchaser who retains ownership of the vehicle on which the product was originally installed. If the product is determined to be defective, Hotchkis Performance will repair, replace or refund the purchase price of the defective product at Hotchkis Performance's sole discretion, which shall fully satisfy and discharge any and all warranty claims. Any repaired or replaced product will be returned to the sender excluding the cost of freight. **Products must be registered to qualify for warranty at [www.hotchkis.net](http://www.hotchkis.net) or via the mail-in warranty card, included with the product, within 30 days of the original purchase date.**

### Exclusions from Warranty

Items offered but not manufactured by Hotchkis Performance are warranted according to the manufacturer's terms and are not covered by this limited warranty. Hotchkis Performance shall not be responsible for any labor, removal, installation, re-installation or maintenance costs. This warranty does not cover the cosmetic finish or plating of any product or any normal wear and tear to any product including, but not limited to bushings, brackets, end-links, hardware, steering components, shocks or springs. In addition, this warranty does not apply to any products that have been:

- Improperly installed or installed by someone other than a qualified, licensed auto mechanic experienced in the installation and removal of suspension products;
- Improperly serviced, misused, or modified, altered or subjected to abuse, negligence, accident or collision;
- Installed in any vehicle that has been modified;
- Installed on any vehicle that has carried loads in excess of automobile manufacturer suggested weight limits; or
- Installed on any vehicle that has been subject to abnormal or excessive use, including rallying, racing, or racing-type activities or off-road use.

### Limitation of Warranty

This limited warranty is the entire and only warranty for the products and may not be modified or supplemented by any other person or company in any form. Any description of the products, by anyone, is for the sole purpose of identifying them and is not part of the basis of the bargain, and does not constitute a warranty that the products will conform to that description. The statements of any salesperson do not constitute part of this limited warranty and cannot be relied upon as a warranty.

**THERE ARE NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. ANY IMPLIED WARRANTIES ARE DISCLAIMED TO THE FULLEST EXTENT PERMITTED BY LAW. THIS WARRANTY DOES NOT COVER CONSEQUENTIAL DAMAGES, LOSS OF TIME OR REVENUES, INCONVENIENCE, LOSS OF USE OF THE VEHICLE, DAMAGE TO THE VEHICLE OR COMPONENTS OF THE VEHICLE, ANY OTHER TYPE OF**



**CONSEQUENTIAL DAMAGES, OR OTHER INCIDENTAL OR INDIRECT DAMAGES. HOTCHKIS' MAXIMUM LIABILITY UNDER THIS WARRANTY SHALL IN NO EVENT EXCEED THE PURCHASE PRICE OF THE PRODUCT.** Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages and in such states the above limitations or exclusions may not apply. This limited warranty gives the purchaser specific legal rights and the purchaser may have other rights that may vary from state to state.

#### **Technical Information**

Hotchkis Performance makes every effort to ensure that you are provided with the most accurate and up-to-date technical information. However, all technical information is approximate and may vary upon application. Additional suspension components may be needed in some applications, depending upon the make, model, engine and chassis of the vehicle. Hotchkis Performance is not responsible for any consequences resulting from manufacturer's technical mid-year changes. Hotchkis Performance products should only be installed by a qualified, licensed auto mechanic experienced in the installation of such products.

#### **Warranty Claim Procedure:**

The answer to ALL the following questions should be YES before making a warranty claim:

- Did you register the product at [www.hotchkis.net](http://www.hotchkis.net) or via the mail-in warranty card within 30 days of purchase?
- Is the product appropriate to your application?
- Did you carefully and thoroughly read the instructions provided along with the product?
- Do you have the original invoice or sales receipt?
- Is the return date within 36 months from the purchase date?
- Are you the original purchaser?
- Was the product properly installed by a qualified, licensed auto mechanic?
- Has the product been installed on the original vehicle on which it was installed at all times?
- Is the product unmodified and clean?
- Is the reason for return a legitimate product defect?

If the answer to all these questions is YES, please contact our Customer Service Department at (562) 907-7757. You will be given a Returned Goods Authorization Number (RGA) valid for 60 days. You will also be asked to ship the product prepaid to our facility. All shipments MUST be (i) prepaid, (ii) include the original invoice or sales receipt, (iii) show the RGA on the outside of the package and (iv) include your name, address, make and model of the vehicle, and a brief description of the claimed defect, including the circumstances under which the defect occurred. If the warranty claim is deemed valid then Hotchkis will estimate shipping costs to return the repaired or replacement part and contact you for payment. Hotchkis's Limited warranty requires that any repaired or replaced product will be returned to the sender excluding the cost of freight. Warranty related inquiries should be sent to the following address:

**HOTCHKIS PERFORMANCE, LLC  
C/O CUSTOMER SERVICE  
8633 Sorensen Avenue  
SANTA FE SPRINGS, CA 90670**

Hotchkis Performance will not accept product returns without the RGA number, receipt and the information described above. C.O.D. or collect shipments will be refused. Once the returns are received at Hotchkis Performance, we will evaluate the products, verify the sales receipt, and investigate the warranty claim. Any repaired or replaced product will be returned to the sender.

**Effective December 1, 2010. This return policy and limited warranty supersedes all previous policy and warranty statements. Policies and warranties are subject to change without notice. Hotchkis Performance is not responsible for printing errors.**