



INSTALLATION GUIDE

PART NUMBER: 4702
COIL SPRING SET
GM C-10 TRUCK | 1963-1987

-2" FRONT LOWERED RIDE HEIGHT

300 W. PONTIAC WAY. CLOVIS, CA 93612
PHONE: 800-445-3767 | EMAIL: INFO@BELLTECH.COM

THANK YOU

Thank you for choosing our high quality Belltech product. We have spent a great deal of time developing our line of products so that you will receive maximum performance with minimal difficulty during installation. Soon your vehicle will be on the road looking and feeling much improved.

Please take a moment to read all instructions and warnings prior to installation of your new Belltech product and before operating your vehicle. If you have any questions or concerns regarding any step in the installation process, please do not hesitate to call or email our customer support specialists who are trained to help you through any portion of this process.

Before You Begin:

It is of the utmost importance that you confirm all the components listed on the parts list are in the kit. You can find this list located on the last page(s) of your instructions. Do not begin installation if any part is missing. Instead, please call our Belltech customer service specialists.

Belltech Customer Support:

Phone: 1-800-445-3767

Email: info@belltech.com

Safety Information:

Warning: Do not work under a vehicle supported only by a jack. Place support stands securely under the vehicle in the manufacturer's specified locations unless otherwise instructed.

Proper use of safety equipment and eye/face/hand protection is necessary when performing any of the following instructions.

We strive for an exceptional experience for all our valued customers. If for any reason you need assistance with your Belltech products, please do not return the product to the store you purchased from, but rather call our dedicated customer service experts, from 7am to 5pm PST.

We recommend that a qualified mechanic, in a properly equipped facility, perform this installation.

It is very helpful to have an assistant available during installation.

Before Driving Your Vehicle:

It is important to double-check all brake hoses, cables, and other components to be sure there is no interference. You must also check for wheel/tire to chassis/body interference. If any issues are found, review your installation instructions to be sure no steps are missed, and any problems are corrected.

Make sure your vehicle is aligned immediately following installation.

Check all hardware and torque at intervals for the first 10, 100, and 1000 miles.

Some of Belltech's products are designed to improve your vehicle's off-road performance. Leveling/lifting your vehicle may result in an altered center of gravity. It is crucial to use extreme care when operating your vehicle to prevent rollover and/or loss of control.

Any changes in your vehicle's suspension may result in transformed handleability. Please test-drive your vehicle in a remote location so you can become accustomed to the revised driving characteristics.

Perform headlight check and adjustment.

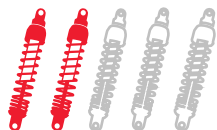
Failure to drive any modified vehicle in a safe manner may result in harm or death.

Never operate your modified vehicle under the influence of drugs, alcohol, or lack of adequate sleep.

Always wear your seatbelt.



DIFFICULTY:



INSTALLATION TIME:

2-3 Hours +
Alignment

RECOMMENDED TOOLS:

- Properly rated floor jack
- Support stands
- Wheel chocks
- Metric and standard socket wrench set
- Metric and standard wrench set
- Hex key set
- Tape measure
- Hammer and rubber mallet
- Safety glasses
- Torque wrench rated up to 100 ft lbs.

SPECIALTY TOOLS:

- Tie-rod end removal tool
- Ball joint removal tool
- Caliper spreader

INSTALLATION PREPARATION:

Before beginning the installation process, measure the hub to fender heights for your vehicle and record them in the “Before” section. After your vehicle has been modified, record the new measurements in the “After” section. This way, you can compare the resulting height to the original. When taking the measurements, measure vertically from the center of the wheel to the inner edge of the fender.

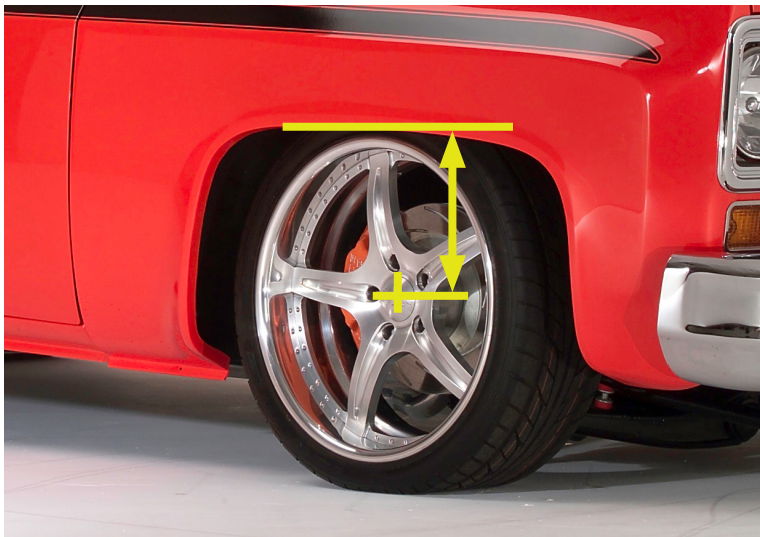
Before:

LF: _____

RF: _____

LR: _____

RR: _____



After:

LF: _____

RF: _____

LR: _____

RR: _____

JACKING, SUPPORTING, AND PREPARING THE VEHICLE

1. Park your vehicle on a smooth, level, concrete, or seasoned asphalt surface.
2. Block the rear wheels of the vehicle using wheel chocks. Make sure the vehicle's transmission is in "PARK" (automatic) or first gear (manual).
3. Activate the parking brake.
4. Loosen, but do not remove, the front wheel lug nuts.
5. Lift the front of the vehicle off the ground using a properly rated floor jack. Lift the vehicle so the front tires are approximately 6-8 inches off the ground.
6. Place support stands rated for the vehicle's weight. The stands must be positioned in the factory specified locations. (Refer to the owner's manual). Prior to lowering the vehicle onto stands, make sure the support stands will contact the chassis. It is very important that the vehicle is properly supported to prevent any harm to oneself or to the vehicle.
7. Lower the vehicle slowly onto the stands.
8. Remove the front wheels.



Technician reminder:

Never work under a vehicle supported only by a jack. It is necessary to place support stands securely under the vehicle in the manufacturer's specified locations unless otherwise instructed.

ORIGINAL SUSPENSION REMOVAL

9. Remove the two 9/16" nuts at the sway bar end clamps to detach the sway bar from the lower control arm.
10. Remove the 15/16" upper shock mount nuts from the chassis and the lower 3/4" shock mount nut from the lower control arms to detach the shocks from the vehicle.



11. Remove the upper control arm brake line bracket 9/16" bolt to detach the brake lines from the upper control arms.
12. Remove the two 3/8" hex caliper bolts to detach the caliper from the spindle. Slide the caliper up and away from the brake rotor, ensure not to stretch or damage the rubber brake hose. When the brake caliper is removed, do not allow it to hang unsupported from the brake line. Support the caliper with a piece of wire or cord to prevent damage to the brake line.



13. Remove the cotter pin from the 15/16" nut on the tie rod end. Loosen the castle nut, but don't remove it completely. Use a tie rod puller or use a hammer to strike the side of the steering arm until the tie rod end is dislodged; swing the rod end out of the way.



Technician reminder:

Do not strike the nut or the tie rod end itself as this may damage the steering components.



ORIGINAL SUSPENSION REMOVAL CONTINUED

14. Place a floor jack under the lower control arm and lift until a slight compression of the suspension is achieved. Turn the spindle to access the upper ball joint without interference.
15. Remove the cotter pin and loosen but do not remove the 7/8" upper ball joint nut. Strike the upper portion of the spindle beside the ball joint, this will dislodge it from the taper. Remove the nut and lift the control arm to free the spindle.



16. Lower the floor jack slowly to lower the control arm and relieve the tension on the coil spring until it can be removed from the spring pocket. If necessary, pry down on the lower control to gain further clearance.



Technician warning:

The coil springs may be under extreme tension. Use caution when the lowering the floor jack and removing the spring. If preferred, use a spring compressor to safely remove the load off the spring during the removal process.

17. With the springs removed, clean the spring pockets and mounting surfaces on the upper and lower control arms.

BELLTECH SPRING INSTALLATION

18. The Belltech coil springs are designed with a larger opening at the bottom and a smaller opening at the top. Install the spring with the larger opening seated in the original lower control arm spring pocket and the smaller opening positioned over the upper control arm spring seat.



19. Place the Belltech spring in the original position on the upper and lower control arms.

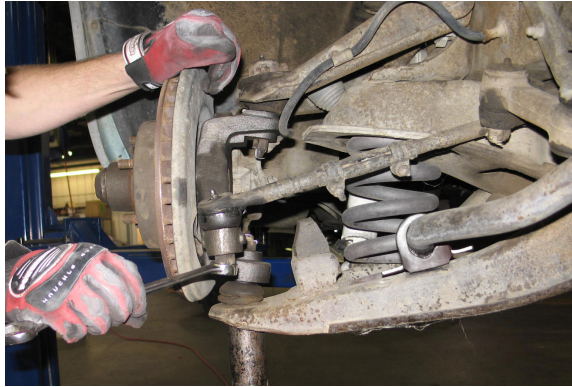


20. Using a floor jack, raise the lower control arm until the coil spring is fully seated. Pivot the upper control arm into position and install the upper ball joint into the spindle. Tighten the upper ball joint nut to 50 ft lbs., then secure it with a new cotter pin.



BELLTECH SPRING INSTALLATION CONTINUED

21. Place the tie rod end into the steering arm on the spindle and torque the nut to 45 ft lbs. Install a new cotter pin.



22. Mount the brake caliper onto the new spindle. Ensure the brake pads are in their correct position, if needed, compress the piston with a spreader tool. Insert the caliper guide bolts and torque to 37 ft lbs. Turn the rotor assembly left and right to make sure there is no interference between the brake lines and other components.



23. Attach the upper control arm brake line brackets with the original bolts in their original position on the upper control arms.

24. Attach the shocks to upper and lower shock mounts using the original nuts. Torque to 40 ft lbs.

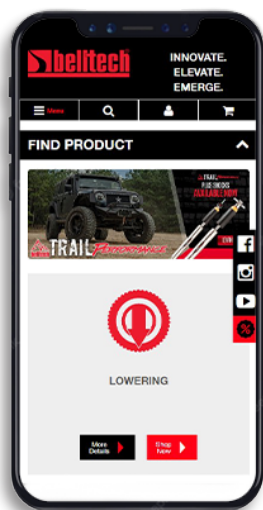
25. Attach the sway bar end clamps to the lower control arms with the original hardware. Torque to 15 ft lbs.

FINALIZING THE INSTALLATION

26. Mount the wheels and tighten the lug nuts.
27. Lift the vehicle and remove the support stands.
28. Carefully lower the vehicle onto flat ground.
29. Torque the lug nuts to 100 ft lbs.
30. Check that all components and fasteners have been properly installed and torqued.
31. Read and perform all tasks in the “Before Driving Your Vehicle” section of page 1 of your instructions.

THANK YOU FOR CHOOSING BELLTECH.

You are now a part of the Belltech family and we are eager to catch a glimpse of your newly modified vehicle. Give us a shout out and let us know how much you love our product. Don't forget, we offer other Belltech related merchandise for you and your vehicle on our website www.belltech.com



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If you have any questions, concerns, or warranty related issues regarding your Belltech product, please call or email our experienced customer service specialists.

Belltech Customer Support:

Phone: 1-800-445-3767

Email: info@belltech.com

KIT CONTENTS



4702		
Part number	Description	Qty
4702-001	2" DROP COIL SPRING	2



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