



2015 - 2017 Chevrolet Colorado 2015 - 2017 GMC Canyon 1" - 2" Leveling Kit Installation Instructions

REQUIRED TOOL LIST:

- Safety Glasses
- Metric / Standard Sockets & Wrenches
- 6mm Hex Key
- Hammer
- Ball Joint / Tie Rod Remover
- Strut Spring Compressor
- Floor Jack
- Jack Stands
- Measuring Tape
- Torque Wrench



Before beginning the installation, thoroughly & completely read these instructions & the enclosed driver's WARNING NOTICE. Affix the WARNING decal in the passenger compartment in clear view of all occupants. Please refer to the Parts List to insure that all parts & hardware are received prior to the disassembly of the vehicle.

Make sure you park the vehicle on a level concrete or asphalt surface. Many times a vehicle is not level (side-to-side) from the factory & is usually not noticed until a lift kit has been installed, which makes the difference more visible. Using a measuring tape, measure the front of the vehicle (both sides) from the ground up to the center of the fender opening above the axle. Record this information below for future reference.

Driver Side Front: _____ Passenger Side Front: _____

Important Notes:

- This leveling kit is **not designed** to be used on **ZR2** models.
- If larger tires (10% more than the OEM diameter) are installed, speedometer recalibration will be necessary. Contact your local GM dealer or an authorized dealer for details.
- After installation, a qualified alignment facility is required to align the vehicle to the OEM specifications.

Component Box Breakdown:

Part #: CC12MS

Item #	Description	Qty	Item #	Description	Qty
CC12MS-S	UPPER METAL STRUT SPACER	2	HB-10MM/NFN	HDWR BAG: 10MM FLANGE NUTS	1
CC12SR-S	LOWER STRUT SPACER RING	2	I-CC12MS	INST SHEET: CC12MS	1

Hardware Bag Breakdown:

Part # HB-10MM/NFN

Item #	Description	Qty
10MMX1.5NFN	10MM X 1.5 NYL FLANGE NUT	6

Installation:

1. With the vehicle on flat level ground, set the emergency brake, & block the rear tires / wheels.
2. Raise the front of the vehicle & support the vehicle securely using jack stands.
3. Remove the front tires / wheels using a 22mm socket. (See Photo # 1)
4. Remove the OEM front skid plate using a 15mm socket / wrench. (See Photo # 2)
5. Remove the OEM sway bar end links using a 13mm & 15mm socket / wrench. (See Photo # 3)
6. Remove the OEM sway bar from the frame using a 10mm socket / wrench. (See Photo # 4)
7. Disconnect each OEM outer tie rod from the OEM steering knuckles using a 21mm socket / wrench & tie rod remover or other suitable tool. (See Photo # 5) **Note:** It may be necessary to hold the tie rod stud in place using a 10mm socket / wrench.



8. Disconnect each OEM ABS line / brakeline bracket from the frame using a 13mm socket. (See Photo # 6)
9. Disconnect each OEM upper ball joint from the OEM steering knuckles using a 18mm socket / wrench & ball joint remover or other suitable tool. (See Photo # 7) **Note:** It may be necessary to hold the ball joint stud in place using a 6mm hex key.
10. Disconnect each OEM strut assembly from the OEM lower control arms using a 21mm socket / wrench. (See Photo # 8)
11. Disconnect each OEM strut assembly from the upper strut mounting brackets using a 18mm socket / wrench. (See Photo # 9)
12. Remove each OEM strut assembly from the vehicle. **Note:** If 1" of front lift is desired proceed to Step # 20. If 2" of front lift is desired proceed to Step # 13.
13. Mark the location of each OEM upper strut mount & OEM coil spring prior to disassembly. (See Photo # 10)
14. Using a strut spring compressor, compress the coil spring of each OEM strut assembly.
15. Remove each upper strut retaining nut using a 15mm socket & remove each OEM strut cylinder. (See Photo # 11)



16. Mark the location of each OEM coil spring seat. (See Photo # 12)

17. Remove the OEM seal cover & OEM coil seat from each OEM strut cylinder using a hammer. (See Photo # 13)

18. While aligning the previously made marks, install a new Skyjacker lower strut spacer ring, OEM coil spring seat, & OEM seal cover onto each OEM strut cylinder. (See Photo # 14)

19. While aligning the previously made marks, install each OEM strut cylinder to the OEM coil springs & OEM upper strut mounts using a 15mm socket / wrench & uncompress the OEM coil spring of each OEM strut assembly.

20. Install a new Skyjacker upper strut spacer on top of each OEM strut assembly. (See Photo # 15)

21. Install each OEM strut assembly by aligning the OEM upper strut mount studs with the upper strut mounting brackets using the supplied 10mm nuts & a 15mm socket / wrench. (See Photo # 9)

Note: Do not fully tighten at this time.

22. Connect each OEM strut assembly to the OEM lower control arms using the OEM hardware & a 21mm socket / wrench. (See Photo # 8) **Note:** Fully tighten the upper & lower OEM strut assembly hardware at this time using a 15mm & 21mm socket /wrench.

23. Using a floor jack, raise the lower control arm & connect each OEM upper ball joint to the OEM steering knuckles using the OEM hardware & a 18mm socket / wrench. (See Photo # 7) **Note:** It may be necessary to hold the ball joint stud in place using a 6mm hex key.

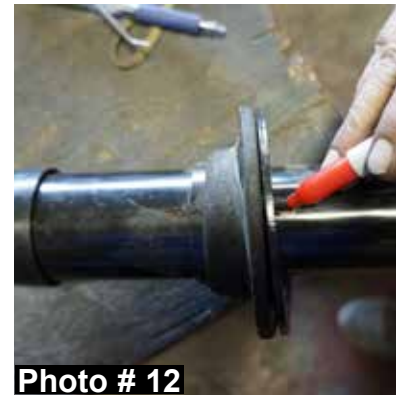
24. Connect each OEM ABS line / brakeline bracket to the frame using the OEM hardware & a 13mm socket. (See Photo # 6)

25. Connect each OEM outer tie rod to the OEM steering knuckles using the OEM hardware & a 21mm socket / wrench. (See Photo # 5)

Note: It may be necessary to hold the tie rod stud in place using a 10mm socket / wrench.

26. Install the OEM sway bar to the frame using the OEM hardware & a 10mm socket / wrench. (See Photo # 4)

27. Install the OEM sway bar end links using the OEM hardware, a 13mm & 15mm socket / wrench. (See Photo # 3)



28. Install the OEM front skid plate using the OEM hardware & a 15mm socket / wrench. (See Photo # 2)

29. Install the front tires / wheels using a 22mm socket & lower the front of the vehicle to the ground.

Final Notes:

- After the installation is complete, double check that all nuts & bolts are tight. Refer to the following chart for the proper torque specifications. (Do not retighten nuts & bolts where thread lock compound was used.)
- With the vehicle placed on the ground, cycle the steering lock to lock & inspect the steering, suspension, brake lines, front & rear drivelines, fuel lines, & wiring harnesses for proper operation, tightness, & adequate clearance.
- Have the headlights readjusted to the proper settings.
- Have a qualified alignment center realign the vehicle to the OEM specifications.
- After the first 100 miles, check all hardware for the proper torque & periodically thereafter.

TORQUE SPECIFICATIONS					
<u>INCH SYSTEM</u>			<u>METRIC SYSTEM</u>		
Bolt Size	Grade 5	Grade 8	Bolt Size	Class 8.8	Class 10.9
5/16	15 FT LB	20 FT LB	6MM	5 FT LB	9 FT LB
3/8	30 FT LB	35 FT LB	8MM	18 FT LB	23 FT LB
7/16	45 FT LB	60 FT LB	10MM	32 FT LB	45 FT LB
1/2	65 FT LB	90 FT LB	12MM	55 FT LB	75 FT LB
9/16	95 FT LB	130 FTLB	14MM	85 FT LB	120 FT LB
5/8	135 FT LB	175 FT LB	16MM	130 FT LB	165 FT LB
3/4	185 FT LB	280 FT LB	18MM	170 FT LB	240 FT LB

- The above specifications are not to be used when the bolt is being installed with a bushing.

Seat Belts Save Lives, Please Wear Your Seat Belt.