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25005

THIS KIT GIVES YOU THE OPTION OF A 0" TO 2" DROP. 2004-2006 / 2007-2012 Chevrolet Colorado / GMC Canyon

Thank You for being selective enough to choose a BELLTECH PRODUCT. Many hours of developing has gone into our line of products so that you will receive maximum performance with your vehicle

Note: Confirm that all of the hardware listed in the parts list is in the kit. **DO NOT** begin this installation if any part is missing. Read the instructions thoroughly before beginning this installation.

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

Warning: **DO NOT** drive the vehicle until all work has been completed and checked. Torque all hardware to values specified.

Reminder: Proper use of safety equipment and eye/face/hand protection is absolutely necessary when using these tools to perform procedures!

Note: It is very helpful to have an assistant available during the installation process.

Note: We **DO NOT RECOMMEND** using wheel ramps while performing this installation.

RECOMMENDED TOOLS:

- Blocks and Wheel chocks
- Ratcheting Socket Wrench Set
- Safety Glasses
- Floor jack and Jack Stands
- Torque Wrench 10-75 lb ft. range
- Properly rated floor jacks and support stands
- Combination Wrench Set
- Open Wrench Set
- Spring Compressor

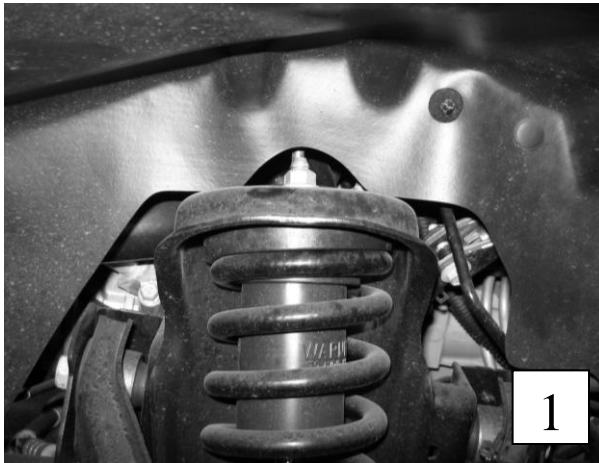
1 KIT INSTALLATION

- 1a.** Open the hardware kit and remove all of the contents. Refer to the parts list (Page 6) to verify that all parts are present. Do not begin work if parts are missing.
- 1b.** Park the vehicle on a smooth, level concrete or seasoned asphalt surface and activate the parking brake. Block the REAR wheels of the vehicle with appropriate wheel chocks; making sure the vehicle's transmission is in 1st gear (manual) or "Park" (automatic).
- 1c.** Lift the FRONT wheels of the vehicle off the ground using a properly rated floor jack. Place support stands, rated for the vehicle's weight and in the factory specified locations. Refer to the vehicle Owner's Manual. Prior to lowering the vehicle onto the stands, make sure the supports will securely contact the chassis.

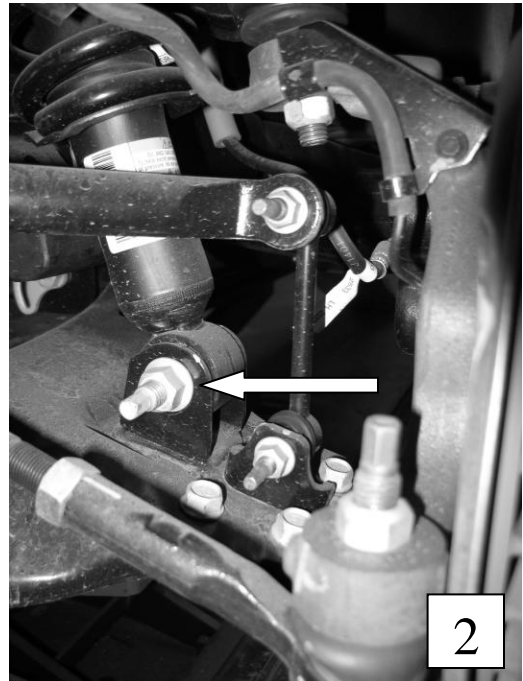
- 1d. Make sure that the support stands are properly placed prior to performing the following procedures. It is very important that the vehicle is properly supported during this installation to prevent personal injury and chassis damage. We **DO NOT RECOMMEND** using wheel ramps while performing this installation.

2 REMOVING THE O.E.M. FRONT STRUT

- 2a. Locate the top three mount bolts of the front spring/strut assembly. (**Photo 1**)
2b. Remove all three mounting nuts that attaches the top of the spring/strut assembly to the chassis.



- 2c. Remove the bottom mounting bolt of the spring/strut assembly (**Photo 2**)

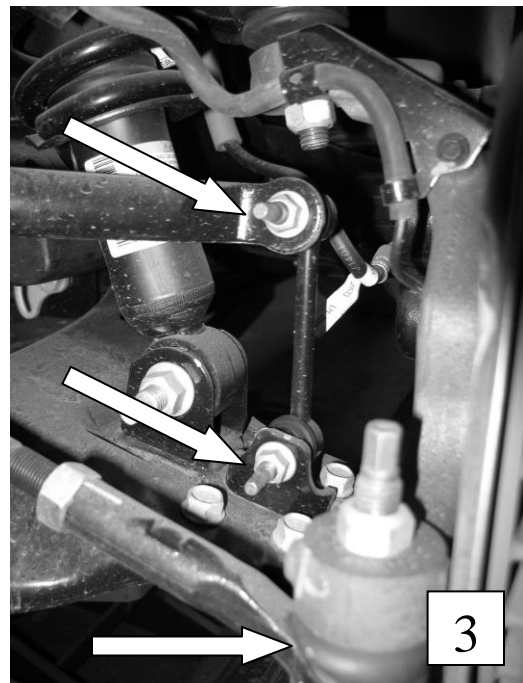


3 END LINK & STEERING ARM REMOVAL

- 3a. Locate the end link mounts. Un-bolt the mounting nut from the end links. Remove the end links completely. (**Photo 3**)
3b. Remove the steering arm from the steering knuckle. (**Photo 3**)

4 REMOVE THE SPRING/STRUT COMPLETELY

- 4a. Once all mounts have been un-bolted, hold the spindle assembly and slightly push down, dislodging the bottom spring/strut assembly from its bottom mounts dislodging the entire spring/strut assembly from its perch.



CAUTION: 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.

The installation pictures shown have been done at a professional installation shop. **It is VERY important to use a spring compressor to compress the spring prior to removing the top mount bolt or serious injury may occur**

5 PRE-ASSEMBLY OF THE STRUT

- 5a.** Mount the entire spring/strut assembly in the fixture or install spring compressors to remove spring tension from the top mount. To ease the installation of the new strut, mark a white line down the center of the assembly for alignment purposes only showing the front of the top mount (**Photo 4**)



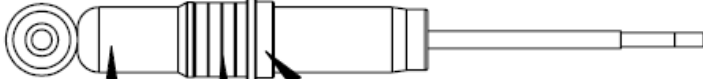
- 5b.** Remove the top mount using an open wrench. (**Photo 5**)
5c. Remove lower spring perch. Warning removal of the lower spring perch may require significant force. (**Photo 6&7**)



6. RE-ASSEMBLY OF THE FRONT SHOCK/SPRING

6a. Install your required spacers for the desired height.

Lowering Configurations						
Application	OEM stock height		1" lowering		2" lowering	
	25005-010 9.5mm spacer ring	25005-002 Adaptor ring	25005-010 9.5mm spacer ring	25005-002 Adaptor ring	25005-010 9.5mm spacer ring	25005-002 Adaptor ring
2004-2006	6	0	4	0	2	0
2007+	4	1	2	1	0	1



1. 25005

2. 25005-002
2007+ spring perch adaptor

3. 25005-001
9.5mm chamfered spacer
each spacer= 0.5" lowering

ITEM NO.	PART NUMBER
1	25005 (Colorado Lowering Shock)
2	25005-002
3	25005-010 (Colorado Shock Spacer)

Stock height for 2007+ shown in illustration

- 6b. Assemble the new BELLTECH height adjustable strut using the, OEM spring perch, OEM spring and the OEM top mount. **(Photo 8)**
- 6c. Re-install on the new assembly, the shock/spring the same way the O.E.M. shock/spring was removed.
- 6d. In reverse order, follow Steps 2c thru 2a.
- 6e. Reinstall steering arm and torque to factory specifications.
- 6f. Reattached swaybar end links to 18ft-lbs.



7 FINALIZING THE INSTALLATION

Note: All hardware being fastened to the vehicle's original fastening points should be torqued to the proper specifications. To prevent chassis damage, never over-torque the hardware.

- 7a.** Check that all components and fasteners have been properly installed, tightened and torqued.
- 7b.** Check brake hoses and other components for any possible interference.
- 7c.** Lift the vehicle and remove the support stands. Carefully lower the vehicle to the ground.
- 7d.** Immediately test-drive the vehicle in a remote location so that you can become accustomed to the revised driving characteristics and handling. Be aware that the vehicle will handle substantially different now that it has been modified.
- 7e.** Installation is complete. Check all of the hardware and re-torque at intervals for the first 10, 100, and 1000 miles.

Belltech highly recommends the re-alignment of the vehicle after lowering by a professional alignment shop.



PART NUMBER	DESCRIPTION	QTY
25005	Shock	1
25005-010	Spacer	6
25005-002	Spring Perch Adapter	1