



INSTALLATION INSTRUCTIONS

5427

7" LIFT FRONT SWAYBAR KIT

2007-2018 GM1500 2WD/4WD 7" LIFT FRONT SWAYBAR KIT

Thank you for being selective enough to choose our high quality BELLTECH PRODUCT. We have spent many hours developing our line of products so that you will receive maximum performance with minimum difficulty during installation

Note: Confirm that all of the hardware listed in the parts list is in the kit. **Do not** begin 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 vehicle until all work has been completed and checked. Torque all hardware to specified values.

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 installation.

Exceptional Customer Experience Guarantee:





STOP! We strive for an exceptional experience for all of our valued customers.

RECOMMENDED TOOLS:

- Properly rated floor jack and support stands
- Wheel chocks
- Torque wrench up to 200 ft/lbs range
- Metric socket wrench set
- Metric wrench set

 DIFFICULTY:     

 INSTALLATION TIME: 0.5-1hrs

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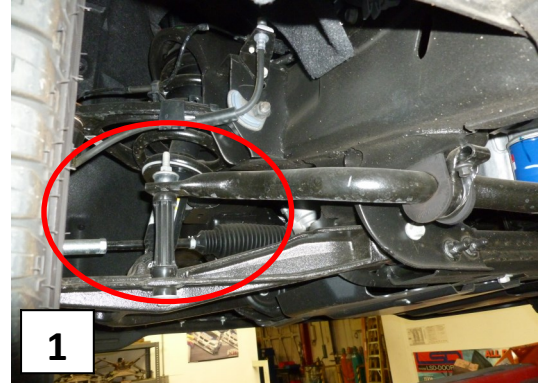
1) KIT PREPERATION

Park the vehicle on a smooth and 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).

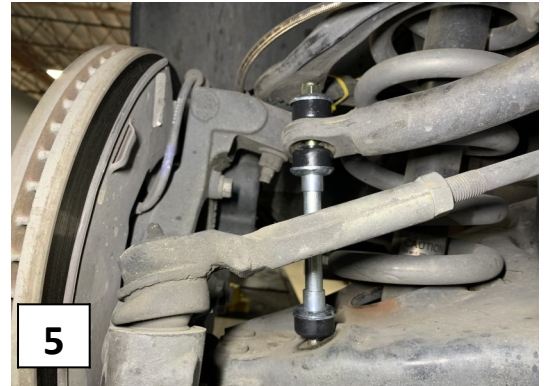
! It is very important that the vehicle is properly supported during this installation to prevent personal injury and chassis damage. Make sure that the support stands are properly placed prior to performing the following procedures. We **DO NOT RECOMMEND** using wheel ramps while performing this installation.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

2) KIT INSTALLATION

- a) Lift the front of the vehicle off of the ground using a properly rated floor jack.
- b) Place support stands rated for the vehicle's weight. The stands should be positioned in the factory specified locations (Refer to owners manual). Ensure that the vehicle is properly supported to prevent any harm to self or the vehicle.
- c) This step is not required but may help with the installation. Use a 22mm socket to undo the lug nuts and remove the wheels.
- d) Remove the OEM sway bar from the vehicle completely by disconnecting it from the end links using an 18mm and 9mm wrench (**PHOTO 1**), and removing the brackets located underneath the frame rail using a 10mm socket. (**PHOTO 2**)
- e) Thoroughly lubricate the inside of the new polyurethane bushings using the grease provided. Attach the bushings on the Belltech sway bar so that they will align with the factory mounting locations. Use the factory sway bar as reference. Once located, rotate the bushings slightly to evenly spread the lubricant.
Note: Re-greasing of the pivot bushings should be performed at regular intervals. Climate and driving conditions will govern the time between services. Remember to check all hardware while performing bushing maintenance.
- f) Install the new Belltech sway bar onto the chassis. Wrap the bushing bracket around the pivot bushing on the sway bar (**Photo 3**). Slide the flat bushing support plate between the frame and the bushing. Align the slots in both brackets with the threaded holes in the frame and secure the sway bar with the supplied flanged bolts.
- g) Tighten and torque the bracket hardware to 19 lb-ft. A closed end wrench may be required to access the bolt on the backside of the pivot-bushing bracket.



- h) Using the supplied hardware, bolt through the lower control arm and ensure that there is a cup washer and a bushing on the bolt before installing it in the truck (**Photo 4**).
- i) On the end link bolt, place hardware in the following order: bushing, cup washer, short spacer, long spacer, short spacer, cup washer, then bushing (**Photo 5**). Ensure that the rounded part of the bushing is facing the parts on the truck and that the flat side of the bushing is being held by the cup washer (**Photo 5**).
- j) Put the end link of the sway bar onto the bolt followed by another bushing and cup washer (**Photo 5**). Then secure the assembly using the supplied nylon lock nut and tighten to factory specifications.



3) **Post Install**

- a) Check that all components and fasteners have been properly installed, tightened and torqued.
- b) Check brake hoses, and other components for any possible interference.
- c) If removed, reinstall both front wheels and torque lug nuts to OEM (factory) specifications.
- d) Lift the vehicle and remove stands. Carefully lower the vehicle to the ground.
- e) Test drive the vehicle in a remote location so that you can become accustomed to the altered driving characteristics and handling. Be aware that the vehicle will handle substantially different now that it has been modified.
- f) Installation is complete. Check ALL of the hardware and re-torque at intervals for the first 10, 100, 1000 miles.

PARTS LIST		
P/N	ITEM DESCRIPTION	QUANTITY
5427-300	Front Sway Bar	1
5427-777	Front Sway Bar Hardware Kit	1

Hardware Kit Contents		
P/N	ITEM DESCRIPTION	QUANTITY
115002	Sway Bar Bracket	2
115003	Bushing Support Plate	2
113110	Pivot Bushing	2
110248	M10x1.5-45mm Flanged Bolt	4
55000-10	Grease Pack	1
113000	Grommet End Link	8
112502	Large Cup Washer	8
112450	Short Spacer Tube	4
112424	Long Spacer Tube	2
112144	HH Cap Screw 3/8"-16 x 8"	2
110255	Nylon Lock Nut 3/8"-16	2



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