



## INSTALLATION INSTRUCTIONS

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### 5570 '68-'72 CHEVELLE, MALIBU, SKYLARK, GS, CUTLASS, 442, LE MANS, TEMPEST, & GTO REAR ANTI-SWAY BAR

**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 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:**

- Properly rated floor jacks, support stands, and wheel chocks
- Combination wrench set
- Ratcheting socket wrench and socket sets
- Safety Glasses
- Air Ratchet

#### **KIT INSTALLATION**

1. Open the hardware kit and remove all of the contents. Refer to the part list (Page 3) to verify that all parts are present.
2. Park the vehicle on a smooth, level concrete or seasoned asphalt surface and activate the parking brake. Block the **FRONT** wheels of the vehicle with appropriate wheel chocks; making sure the vehicle's transmission is in 1<sup>st</sup> gear (manual) or "Park" (automatic).
3. Using a properly rated floor jack, lift the **REAR** wheels of the vehicle off the ground. 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.

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

performing this installation.

4. Slowly lower the vehicle onto the stands and, before placing the vehicle's entire weight on them, again check that they properly and securely contact the chassis as described above. Check for possible interference with any lines, wires, cables, or other easily damaged components.
5. Place the two U-bolts over the top of the axle at each end. Make sure they are not over the brake lines or else damage to the lines may lead to brake failure. Position the Anti-Sway Bar up to the axle, and adjust the U-bolt to meet up with the bushings. Place the bushing support bracket between the bushing and the U-bracket. Secure the assembly with the washers and Nyloc nuts, but do not tighten.
6. Line up the arms of the Anti-Sway Bar so that they are an even distance from the frame rails and attach the end link assembly as shown in the diagram.
7. Hold the arms horizontal with the ground, use the angle brackets as a template, and mark the frame through the hole in the angle bracket. Do the same to the other side. Move the arms out of the way and drill a half-inch hole through each frame rail where you marked it.



8. Remove the angle bracket from the end link assembly and mount the short leg of it to the frame. Use a half-inch washer between the Nyloc nut and the frame, and another washer between the head of the bolt and the bracket. Re-attach the end link assemblies to the Anti-Sway Bar and the angle brackets as before.



9. Check that all components and fasteners have been properly installed, tightened and torqued.
10. Check brake hoses, steering and other components for any possible interference.
11. Lift vehicle and remove support stands. Carefully lower vehicle to ground.
12. 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.
13. Installation is complete. Check all of the hardware and re-torque at intervals for the first 10, 100, 1000 miles.

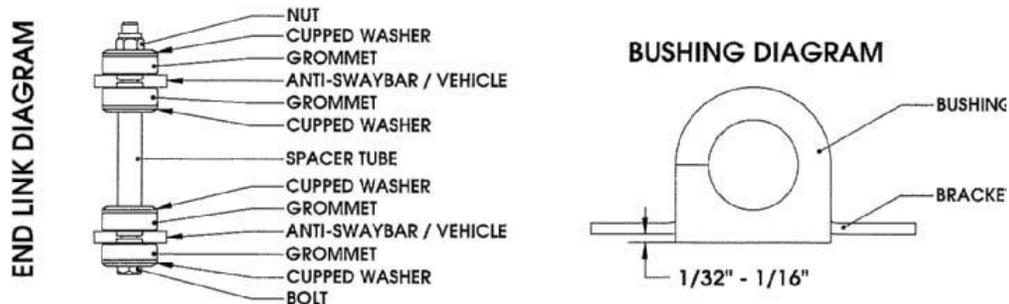
### PARTS LIST FOR ANTI-SWAY BAR KIT

PART No.	DESCRIPTION	QTY.
51035-300	Rear ASB	1
113195	Teflon Lined Pivot Bushing 3/4"	2
113000	End Link Grommet	8
110255	3/8-16 NyLoc Nut	8
114034	End Link Hanger	2
114038	Under Support Plate	2
112140	3/8-16 x 7.0 HHCS	2
112502	Cupped Washer Large	8
110625	Flat Washer 3/8"	8
112520	Large Washer 3/8" I.D.	2
112422	Spacer Tube	2
112258	U-Clamp 3"	2
114032	Bushings Bracket	2
112110	3/8-16 x 2-3/4 HHCS	2

## ! BELLTECH INSTALLATION TIPS

### LUBRICATION

Pre-lubricating the inside of the bushing before it's installed is important because the lubrication will greatly reduce noise and it will increase bushing life. Belltech recommends you use Molybdenum disulfide. This will help protect the inside surface of the bushing and will last longer than most types of grease. Thoroughly lubricate the inside of the bushing with this grease.



### BUSHING INSTALLATION

Make sure an amount of  $1/32''$  to  $1/16''$  of the bushing is showing when you install it onto the bracket. See the diagram above. If the bushing is showing more than  $1/16''$  than use a sander or a sheet of coarse grit sand paper to shave it down to the proper height. In most applications when installing the new bushings on your Belltech Anti-Sway Bar (ASB) you may refer to your original equipment Anti-Sway Bar to locate the proper location.

### END LINK INSTALLATION

It is not required that you use lubricant on the end links since there is no rotational movement. The Belltech end links are comprise of grommets, cupped washers, a spacer tube, bolt, and lock nut, these assembled components create the end link. See END LINK DIAGRAM above.