INSTALLATION INSTRUCTIONS

5512
REAR ANTI SWAY BAR
92-95 SUBURBAN 2 DOOR

Congratulations! You were selective enough to choose a 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 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 installation.

RECOMMENDED TOOLS:

- Properly rated floor jack, support stands, and wheel chocks
- Combination wrench set
- Torque wrench: *0-75 lb ft. range*
- Ratcheting socket wrench and socket sets
- Safety Glasses

JACKING, SUPPORTING AND PREPARING THE VEHICLE

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 1st 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.

4. 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.

5. 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.

VEHICLES WITHOUT STOCK REAR SWAY BAR

1) Vehicles without factory rear sway bars require different application using the U-clamps in the kit.

2) First you must trim one side of both U-bolts, 3/8" will do (Photo 1).

3) If vehicle is equipped with shock extensions you must remove before installing Sway Bar.

4) The U-clamps go on through the shock mounts (Photo 2). NOTE: Trimmed side of U-bolt goes inside the shock mount (Photo 3).

5) Connect the U-Clamp together, the under support plate next, then the Sway Bar with greased bushing, finally attach the bracket with the nuts provided. Hand tighten only, leave loose enough to move Sway Bar.

VEHICLES WITH STOCK REAR SWAY BAR

1) Remove the end links from the ends of the original equipment Anti-Sway Bar. Remove the bushing brackets as well. Note the position of the Anti-Sway Bar in the vehicle to ease in the installation of your new Belltech Anti-Sway Bar. Remove the original equipment Anti-Sway Bar from the vehicle.

2) Thoroughly lubricate the **inside** of your new hyper thane bushings using the grease packet included with the kit. Place the bushings on the new Anti-Sway Bar. Refer to the original equipment Anti-Sway Bar as to the proper bushing location.

3) Position your new Belltech Anti-Sway Bar on the vehicle in the original equipment location and secure it with the new bushing brackets and hardware provided. Hand-tighten only.

END LINK ATTACHMENT

1) Assemble the end links on the bolt so that the inner grommets and cupped washers are separated by the space (**Note**: Lowered vehicles will have a different end link length than the stock height vehicles. See parts list).

2) Raise the rear axle of the vehicle until the jack stands are just beginning to unload. Check for vehicle stability. Raise the ends of the Anti-Sway Bar until the vertical distance from the topside of the end of the Anti-Sway Bar to the bottom side of the frame rail. (Photo 4) Mark the location directly over the hole in the end of the Anti-Sway Bar on the bottom of the frame rails. If unsure, measure from the obround hole back 9" (Photo 5). Using a center punch and a hammer make a dimple in the frame rail to ease drilling.

3) Lower the rear axle back down and check for vehicle stability. Drill through the bottom flange of the frame rails at marked locations with a 9/16" drill bit. (Photo 6) **CAUTION**: Before drilling, check for electrical, fuel, or brake system components on the inside of the frame rail being drilled. Relocate components as necessary so that they are not damaged during the drilling operation.

4) Assemble the ends links through the frame rails and the ends of the Anti-Sway Bar as shown in the diagram. Tighten hardware only to the point that the steel spacer sleeve can still be forced to rotate on the bolt by hand. **NOTE**: It may be necessary to re-install the wheels and tires and lower the vehicle back down onto the ground to properly install and tighten the end link hardware just until grommets begin to bulge.

WD-40™ is recommended to help remove excess lubricant. Re-greasing 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.

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.

FINALIZING INSTALLATION

1) Check that all components and fasteners have been properly installed, tightened and torqued.

2) Check brake hoses, and other components for any possible interference.

3) Lift vehicle and remove support stands. Carefully lower vehicle to ground.

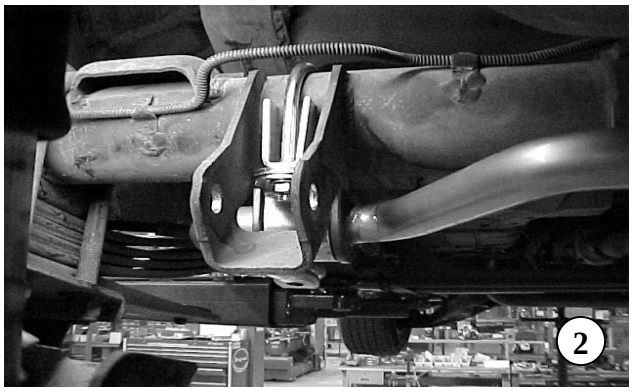
4) Immediately test-drive the vehicle in a remote location so that you can become accustomed to the revised driving characteristics and handling. Be aware that the vehicle will handle substantially different now that it has been modified.

5) Installation is complete. Check all of the hardware and re-torque at intervals for the first 10, 100, 1000 miles.

PART LIST FOR 5512 REAR ANTI-SWAY BAR KIT

PART No.	DESCRIPTION	QTY.
5512-300	Rear ASB	1
113085	Pivot Bushing	2
113000	End Link Grommet	8
114026	Pivot Bushing Bracket	2
112502	Cupped Washer	8
110255	3/8"-16 Ny Lock Nut	6
112094	3/8"-16 x 1-1/4" HHCS	4
112140	3/8"-16 x 7.0" HHCS	2
112088	3/8"-16 x 10" HHCS	2
112422	Spacer Tube	2
110625	Flat Washer	4
112456	5 ½" x 3/8" Spacer Tube	2
112258	3" U-Clamp	2
114038	Under Support Plate	2
55000-10	Grease Pack	1


3/8"
1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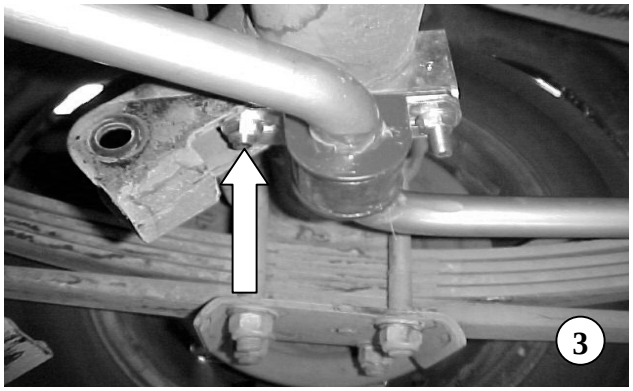
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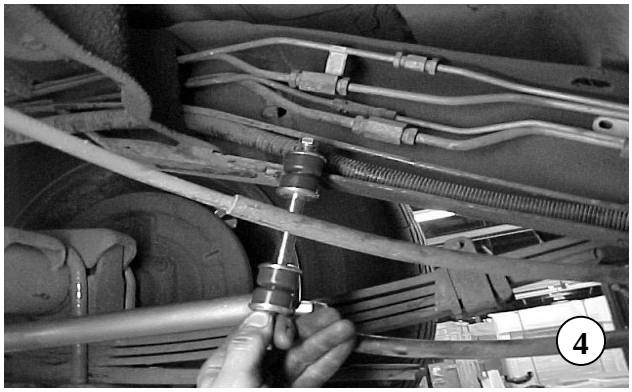
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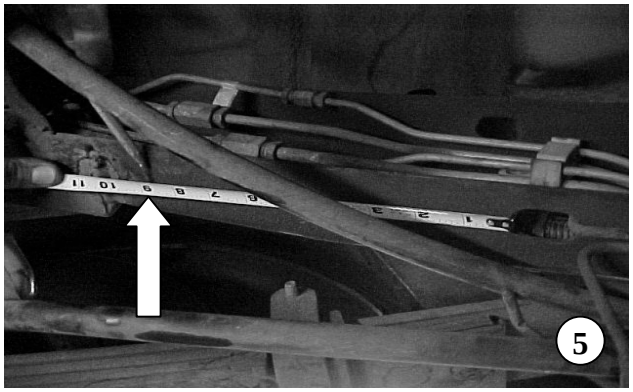
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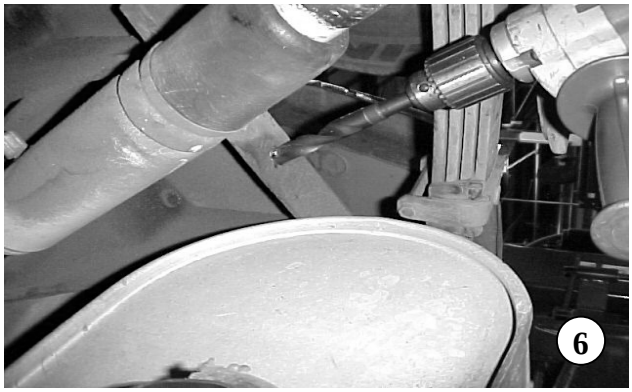
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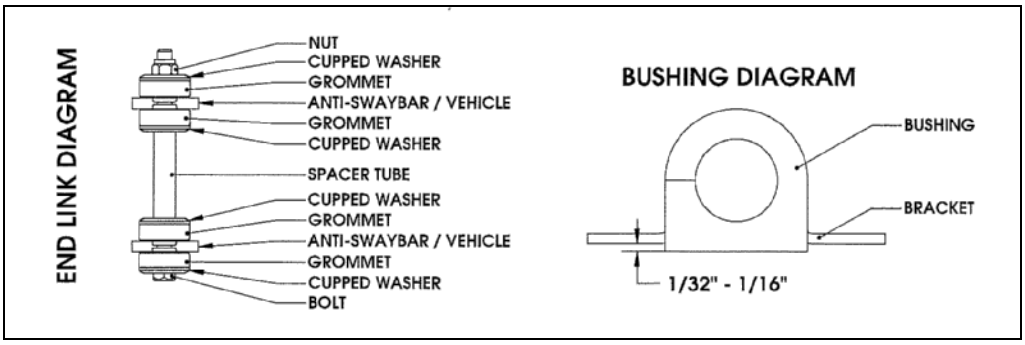
! BELLTECH INSTALLATION TIPS

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" to1/16" 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 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 not any 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.

AXLE CLAMP DIAGRAM