



## INSTALLATION INSTRUCTIONS

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### 5446 FRONT ANTI – SWAYBAR FORD F-150

**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 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 sockets sets
- Safety Glasses

#### KIT INSTALLATION

1. Open the hardware kit and remove all of the contents. Refer to the part list (Page 2) 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 **rear** 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 front 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.

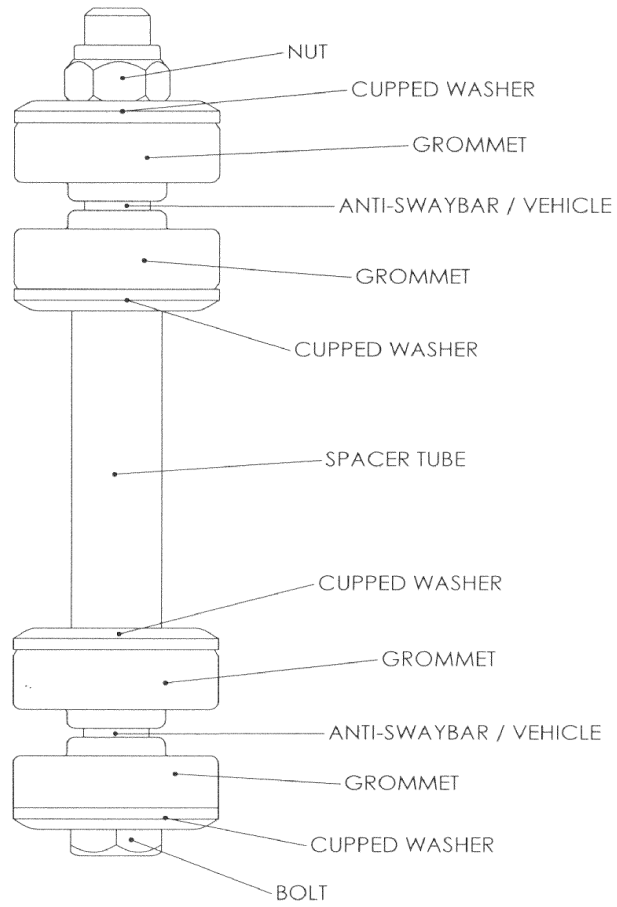
It is very important that the vehicle is properly supported during this installation to prevent personal injury and chassis damage! Make sure that the supports stands are properly placed prior to performing the following procedures. We **DO NOT RECOMMEND** using wheel ramps while performing this installation.

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. Remove the original equipment Anti-Sway Bar, and note its location to ease the installation of your new Belltech Anti-Sway Bar.
6. Thoroughly lubricate the **inside** of your new urethane pivot bushing using the lubricant provided. Place the bushing on the new anti sway bar. Refer to the equipment anti sway bar as to the proper bushing location.
7. Fasten the center portion of the new Anti-Sway Bar to the chassis using the original equipment bushing clamps and bolts. Tighten hardware to factory specifications.
8. Fasten the ends of the Anti-Sway Bar to the control arm using the hardware provided. Refer to the diagram as to the proper assembly sequence. Tighten end links until they just begin to bulge, but do not crush them. Check that all components and fasteners have been properly installed, tightened and torqued.
9. Check brake hoses, and other components for any possible interference.
10. Lift vehicle and remove support stands. Carefully lower vehicle to ground.
11. 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.
12. Installation is complete. Check all of the hardware and re-torque at intervals for the first 10, 100, 1000 miles.

### PART LIST FOR 5446 ANTI-SWAY BAR KIT

PART#	DESCRIPTION	QTY
5446-300	Anti Sway Bar	1
113000	Grommet	8
113245	Pivot Bushing	2
112144	3/8"-16 x 8" HHCS	2
112502	Cup Washer Large	8
112430	Spacer Tube 1/2" x .049 x 3.50"	2
110255	3/8"-16 Nylon Insert Lock Nut	2
55000-10	Grease pack	1

# End Link Diagram



## INSTALLATION TIPS FOR BUSHINGS

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The following instructions are essential to insure your new bushings will have a long and trouble free life.

### LUBRICATION

Pre-lubricating a bushing before its installation is important because the lubrication will greatly reduce bushing noise and it will increase bushing life. Belltech recommends you use a water proof grease containing molybdenum disulfide (moly). This will help protect the inside surface of the bushing and will last longer than most other types of grease. Thoroughly lubricate the inside of the bushing with this grease.

### INSTALLATION

Make sure a maximum of 1/32" to 1/16" of the bushing showing when you install the it into the bracket. See the diagram below. If the bushing is showing more than 1/16" then use a belt sander or a sheet of coarse grit sand paper to shave it down to the proper height. In most applications you may refer to your original equipment anti-swaybar to locate the proper place the new bushing belongs on your new Belltech Anti-swaybar.



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