



INSTALLATION INSTRUCTIONS

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5449 97-02 FORD EXPEDITION FRONT ANTI-SWAY BAR

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

RECOMMENDED TOOLS:

- Properly rated floor jack, support stands, and wheel chocks
- Combination wrench:
- Ratcheting socket wrench and sockets:
- Safety Glasses
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Note: It is very helpful to have an assistant available during installation.

SAFETY REMINDER: PROPER USE OF SAFETY EQUIPMENT AND EYE/FACE/HAND PROTECTION IS ABSOLUTELY NECESSARY WHEN USING THESE TOOLS TO PERFORM PROCEDURES!

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 1st 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, 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.

Note. 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 front Anti-Sway Bar and end links from the vehicle. The new Belltech Anti-Sway Bar kit will replace the pivot bushings and end-links; use the stock-bushing bracket.
6. Thoroughly lubricate the **inside** of the new polyurethane bushings using the grease provided. Attach the bushings on the Belltech Anti-Sway Bar so that they will align with the factory mounting locations. Use the factory Anti-Sway Bar as reference. Once located, rotate the bushings slightly too evenly spread the lubricant.

WD-40™ is recommended to help remove excess lubricant

7. Install the new Belltech Anti-Sway Bar onto chassis in the reverse order of removal. Align the slotted holes in brackets with their original mounting holes. Loosely thread the hardware into place. Assemble the end-link, and then apply to vehicle as shown in the detail.

Note. The bar should be installed so that the ends pass ABOVE the steering tie-rods. Shift the bar side-to-side and front-to-back to center on chassis. Be cautious not to damage brake lines while installing the Anti-Sway Bar.

8. Using a (specified tool size) socket, tighten and torque the bracket hardware to 19 lb ft.
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.
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.

We highly recommend installing the appropriate matching Belltech rear Anti-Sway Bar to maintain proper handling characteristics and performance. See the current Belltech Application Guide or contact you nearest Belltech Dealer for the appropriate part number for your application.

PART LIST FOR 5449

PART#	DESCRIPTION	QTY
5449-300	Front Anti Sway Bar	1
5449-001	Pivot bushing	2
112146	HHCS 3/8"-16 x 8-1/2"	2
110255	3/8"-16 Nylon Insert Lock Nut	2
112502	Washer Cup Large	8
113000	End Link Grommet	8
112438	4-1/2" x 3/8" Spacer Tube	2
550000-10	Grease Pack	1