



## INSTALLATION INSTRUCTIONS

5549

### REAR ANTI-SWAY BAR 97-02 FORD EXPEDITION

**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: *14m 15mm*
- Torque wrench: *0-75 lb ft. range*
- Ratcheting socket wrench and sockets: *14mm*
- 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 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 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 support 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 rear Anti-Sway Bar from the vehicle. This requires 14mm and 15mm wrenches for the pivot bushing bracket and end-link hardware, respectively.

6. The new **Belltech** Anti-Sway Bar will utilize the original end-links. New bushings, brackets and under support plates are included. Thoroughly clean the mounting areas on vehicle and hardware.
7. Thoroughly lubricate the **inside** of the new polyurethane bushings using the grease provided. Locate the bushings on the Belltech Anti-Sway Bar so that they will align with the factory mounting locations with the bar centered on chassis. Once located, rotate the bushings slightly to evenly spread the lubricant.

**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.

8. Re-install the Anti-Sway Bar onto chassis in the reverse order of removal. Place the new pivot bushing brackets onto the new bushings, place the under support plate between the vehicle mounting location and the bushing bracket hardware. Loosely thread the original bolts into place.
9. Attach the stock end-links to the new Sway Bar. Tighten and torque to 20ft./lbs.
10. Using a 14mm socket, tighten and torque the bracket hardware to 19 lb ft.

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.

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.

### PART LIST FOR 5549 REAR ANTI-SWAY BAR KIT

PART#	DESCRIPTION	QTY
5549-300	Rear anti-sway bar	1
113085	Pivot Bushing 1-1/8"	2
115002	Pivot Bushing Bracket	2
115003	Under Support Plate	2
55000-10	Grease Pack	1