



## INSTALLATION INSTRUCTIONS

5558

### REAR ANTI SWAY BAR KIT 84-94 TOYOTA MINI PICKUP

**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
- Air Chisel / Die grinder W/ cut off wheel
- 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 asphalt or concrete surface. Place a block in front of and behind the FRONT wheels. Jack up the REAR of the vehicle and place jack stands securely under the frame in the manufacturer's specified locations. Remove the rear wheels.
3. Thoroughly lubricate the **inside** of your new hyperthane bushings using the grease packet included with the kit. Place the bushing on the new Anti-Sway Bar.
4. Install the 3" U-clamps over the axle tube, making sure that the brake lines are not clamped underneath. Carefully bend the brake lines away from the rear end, place plate and bushing bracket on U-clamp and hand tighten one nut and leave one side off. Mount the Sway Bar under the axle (see diagram).

- Slide the Sway Bar under the axle and position it between the leaf springs. Set bushings on the Sway Bar into the brackets, which you just assembled around the axle tube.

**CAUTION: Do not crush brake lines or brake failure may result.**

- Center Anti-Sway Bar left to right and front to rear. The Anti-Sway Bar must be centered properly. Torque U-bolts to 28-32 ft/lbs.
- Install the kit supplied end links to the Anti-Sway Bar and end link hanger as shown in the diagram, tighten by hand. Tighten the nut on the end link bolt so that the center spacer sleeve can be rotated firmly by hand. **(NOTE: For lowered vehicles use the 6" bolt with the 1.75 spacers. For stock vehicles use the 9" bolt with the 4.5-spacer tube.)**
- Place a hydraulic jack under the center of the axle and slowly (and carefully) jack up the rear end, but do not lift the vehicle off of the jack stands.
- Set end links at approximately 90° to the Sway Bar ends and swivel the end link hangers up so they rest flush to the frame. Mark the position of the hanger and the hole in the hanger on the frame. Remove the hydraulic jack. Drill a 17/32" hole in the chassis and mount the end link angle brackets to the frame.
- Go over the entire installation procedure and make sure all the bolts and nuts are properly torqued. Install wheels.

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.

**PART LIST FOR 5558 REAR ANTI SWAY BAR KIT**

<b>PART No.</b>	<b>DESCRIPTION</b>	<b>QTY.</b>
5558-200	Rear Anti Sway Bar	1
113195	Pivot Bushing 3/4"	2
113000	Grommet	8
112258	3" U-Clamp	2
114034	End Link Hanger Bracket	2
114038	Under Support Plate	2
114032	Bushing Bracket	2
112502	Cup Washer Large	8
110255	3/8"-16 Ny Lock Nut	8
112114	3/8"-16 x 3-1/2" HHCS	2
112134	3/8"-16 x 6" HHCS	2
112148	3/8"-16 x 9" HHCS	2
112410	Spacer Tube 1/2"O.D. x .049WALL x 1-3/4" LG	2
112438	Spacer Tube 1/2" x .58	2
112518	Flat Washer 3/8"	4
110625	Flat Washer 3/8"	4
55000-10	Grease Pack	1

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

### PRE-LUBRICATION

- 1) **Lubrication of the bushing prior to installation** is important because the lubrication will greatly reduce bushing noise and it will increase bushing life. **Belltech recommends** using the grease packet included in the kit. 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.
- 2) Make sure a maximum of 1/32" to 1/16" of the bushing is showing when you install it into the bracket. See diagram below. If the bushing is showing more than 1/16" 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-Sway Bar to locate the proper place the new bushing belongs on your new Belltech Anti- Sway Bar.

