



## INSTALLATION INSTRUCTIONS

1075 North Ave. Sanger, CA 93657-3539 toll free: 800-445-3767 web: www.belltechcorp.com

### 5554 REAR ANTI SWAY BAR KIT 79-96 MITSUBISHI PICK-UP

**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

#### 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. To determine the proper mounting position of the Anti-Sway Bar, lay the Anti-Sway Bar on a flat surface, so the end of the bar is held up by the swags, then place the Sway Bar so the ends of the bar point to the front of the vehicle.
4. Thoroughly lubricate the **inside** of the new hyperthane 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.
5. Install the 3.25" U-clamps over the axle tube, making sure the brake lines are not clamped underneath. Place the bushing bracket on the U-clamp and hand tighten one nut and leave one side off for now.
6. Slide the bar under the axle and position the arms above the leaf springs. Set the bushings on the sway bar and then into the brackets, which you just assembled around the axle tube (see diagram).

**CAUTION: Do not** crush brake lines of brake failure may occur.

7. Center the Anti-Sway Bar left to right and front to rear. The Anti-Sway Bar must be directly below the axle tube. Position the clamps to the widest spacing possible. This prevents the bar from shifting left or right while cornering. Tighten U-bolts to 28-32 ft/lbs.
8. With both wheels loaded assemble end links on Sway Bar. The end links need to be at a 90° angle to the bar end. With the bar in position mark the angle brackets' hole on the frame. Drill frame with a 1/32" drill bit. **CAUTION:** Use extreme care when drilling the frame. Check for brake lines, gas tank, fuel lines, etc. before drilling. Assemble bracket on vehicle to outside of frame (See diagram). Torque to 35-40 ft/lbs. Tighten the nut on the end link bolt so only the center spacer sleeve can be rotated firmly by hand.
9. Go over the entire installation procedure and make sure all the bolts and nuts are properly torqued. Install wheels.
10. Re-check hardware for the first 10, 100, 1,000 miles.

**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 5554**  
**REAR ANTI SWAY BAR KIT**

| <b>PART No.</b> | <b>DESCRIPTION</b>      | <b>QTY.</b> |
|-----------------|-------------------------|-------------|
| 5554-200        | Rear Anti Sway Bar      | 1           |
| 113195          | Pivot Bushing 3/4"      | 2           |
| 113000          | Grommet                 | 8           |
| 112260          | 3-1/4Clamp              | 2           |
| 114038          | Under Support Plate     | 2           |
| 114034          | End Link Bracket Hanger | 2           |
| 114032          | Bushing Bracket         | 2           |
| 112502          | Cupped Washer Large     | 4           |
| 110255          | 3/8"-16 Ny Lock Nut     | 8           |
| 112114          | 3/8"-16 x 3-1/2 HHCS    | 4           |
| 112126          | 3/8"-16 x 5" HHCS       | 4           |
| 110625          | Flat Washer             | 8           |
| 112400          | Spacer Tube             | 2           |
| 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.

