



## INSTALLATION INSTRUCTIONS

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### 5457 FRONT ANTI-SWAY BAR 05-UP NISSAN TITAN

#### 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 this 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 the 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 the installation process.

**Note:** We **DO NOT RECOMMEND** using wheel ramps while performing this installation.

#### RECOMMENDED TOOLS:

- Blocks and Wheel chocks
- Ratcheting Socket Wrench
- Safety Glasses
- Properly rated floor jacks and support stands
- Combination Wrench set

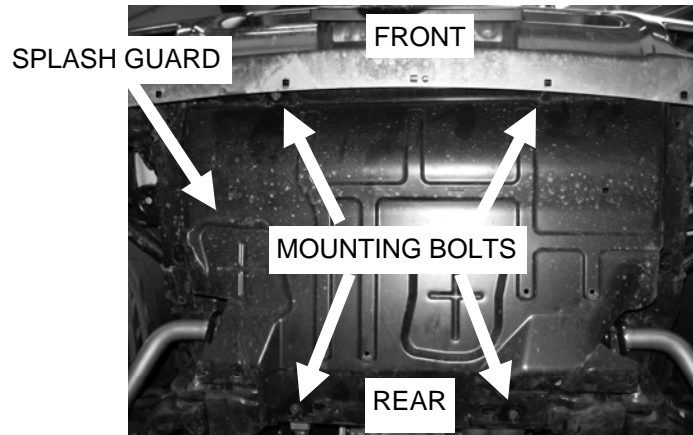
#### KIT INSTALLATION

1. Open the hardware kit and remove all the contents. Refer to the parts list (Page 4) to verify all parts are present.
2. Park the vehicle on a smooth, level concrete / asphalt surface and put the vehicle in gear or park. Place a block in front of and behind the front wheels. Jack up the rear of the vehicle and place the jack stands in the factory specified locations. Refer to the Owner's Manual.
3. Using a properly rated floor jack, lift the front wheels of the vehicle off the ground. Place the 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.
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.

The following steps have been established for ease of installation in sequential order.

## **1. SPLASH GUARD REMOVAL**

**A.** At the underside front of the vehicle, behind the radiator, the SPLASH GUARD is located. In order to get access to the bushing brackets, the SPLASH GUARD needs to be removed. Held in place by four mounting bolts, these need to be removed completely.

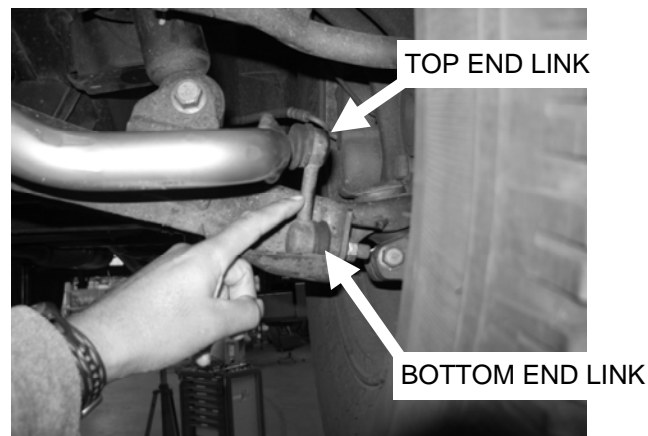


**B.** Using a 10mm wrench, or an air ratchet with a 10mm socket head, remove all four screws.



## **2.END LINK DE-TACHMENT**

**A.** Not removing the end that is attached to the chassis, using a 17mm wrench, unbolt the end link attached to the original equipment Anti-Sway Bar.



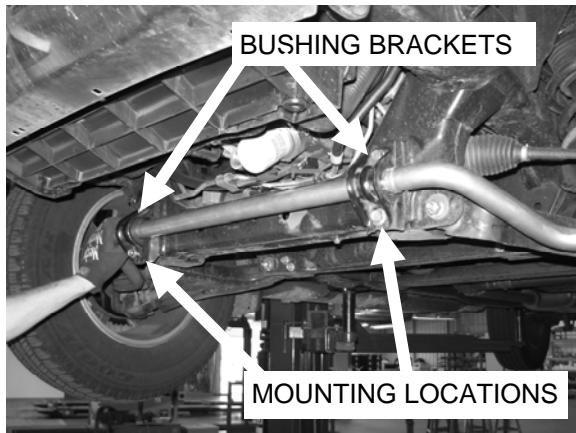
### **3. BUSHING BRACKET REMOVAL**

A. Using a 17mm wrench or an air ratchet with a 17mm socket head, remove all four mounting bolts that mount the bracket bushings.

### **4. ORIGINAL EQUIPMENT ANTI-SWAY BAR REPLACEMENT**

A. Using the existing bushing, slide the original bushings in the same location as they were for the original equipment Anti-Sway Bar onto the new Anti-Sway Bar.

B. Holding the new Anti-Sway Bar up to the original location, match up the original bushing brackets to their respective mating holes.



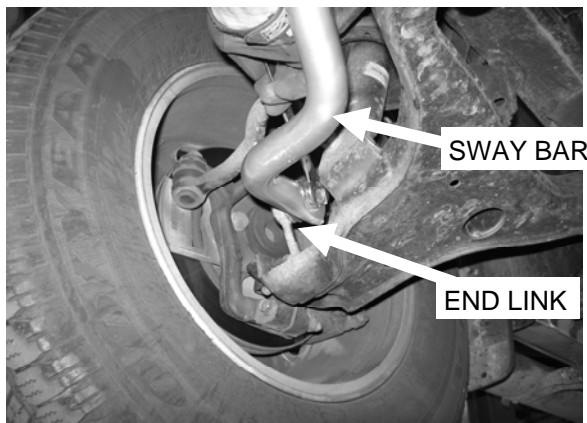
C. Insert the mounting bolts and finger tight.

D. Using the 17mm wrench, re-tighten all four mounting bolts.

### **5. END LINK RE-ATTACHMENT**

A. Rotate the new Anti-Sway Bar upward to the end links.

B. With the same mounting hardware, re-attach the end links to the new Anti-Sway Bar.



### **6. SPLASH GUARD RE-MOUNTING**

A. Holding the splash guard up to its mounting holes, re-insert all four mounting screws that attach it to the chassis.

B. Using the 10mm wrench, re-tighten all four mounting screws.

### **FINALIZING THE INSTALLATION**

- A. Check that all components and fasteners have been properly installed, tightened and torqued.
- B. Check brake hoses, steering and other components for any possible interference.
- C. Lift vehicle and remove the support stands. Carefully lower the vehicle to the ground.
- D. 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.
- E. Installation is complete. Check all of the hardware and re-torque at intervals for the first 10, 100, 1000 miles.

**PARTS LIST FOR 5457 NISSAN TITAN FRONT ANTI-SWAY BAR KIT**

<b>PART NUMBER</b>	<b>DESCRIPTION</b>	<b>QTY</b>
5457-300	FRONT ANTI-SWAY BAR	1