

# THE BIG WIG HELLWIG PRODUCTS.COM

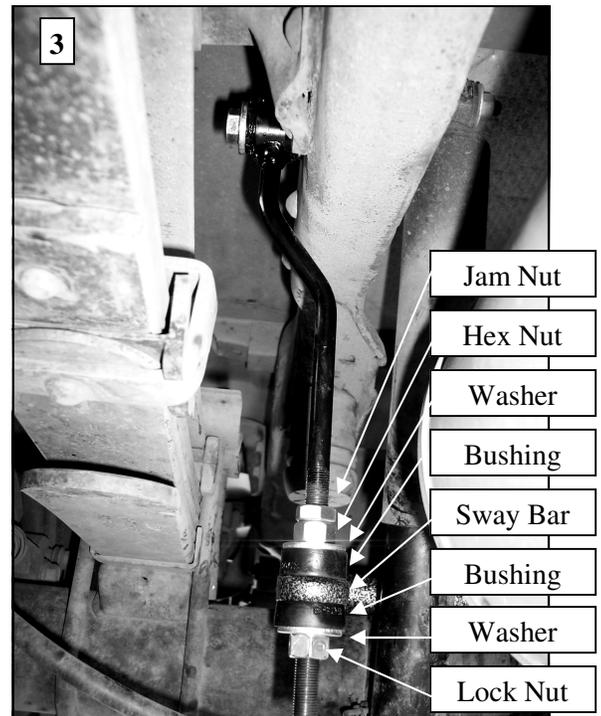
559-734-7451 800-367-5480 FAX 559-734-7460

## INSTALLATION INSTRUCTIONS

### Rear Stabilizer Bar

Thank you for purchasing a quality Hellwig Product.

PLEASE READ THIS INSTRUCTION SHEET COMPLETELY BEFORE STARTING YOUR INSTALLATION



# THE BIG WIG HELLWIG PRODUCTS.COM

559-734-7451 800-367-5480 FAX 559-734-7460

## TORQUE TABLE

**BOLT SIZE:** 3/8" = 20-30 ft. lbs. – 7/16" = 35-45 ft. lbs. – 1/2" = 50-70 ft. lbs. – 9/16" = 70-90 ft. lbs.

**SAFETY: BEFORE STARTING YOUR INSTALLATION, BE SURE TO SET PARKING BRAKE AND CHOCK THE WHEELS.**

**NOTE: TO EASE INSTALLATION AND TO PROPERLY ADJUST BAR, THE WEIGHT OF THE VEHICLE MUST BE ON THE SUSPENSION, AS IF DRIVING DOWN THE ROAD. DO NOT RAISE THE VEHICLE BY FRAME.**

**NOTE: THIS UNIT IS DESIGNED TO REPLACE THE FACTORY INSTALLED REAR ANTI-SWAY BAR OR AS AN ADDITION IF THE REAR ANTI-SWAY IS NOT FACTORY SUPPLIED.**

**NOTE: THIS KIT INCLUDES LOCK NUTS WHICH REQUIRE TIGHTENING WITH A WRENCH AFTER BEING STARTED BY HAND.**

1. Remove the factory installed rear anti-sway bar (if equipped) and all factory supplied hardware. It may be easier if the passenger side parking brake cable retainer and lower shock bolt (see Photo 1) are disconnected to give more clearance depending on the year of your vehicle. Save hardware as some of it will be reused.
2. Locate the sway bar mounts on the differential housing at each side near the axle tubes.
3. Place the D-shaped poly-bushings onto the straight areas of the bar on each side of the center clearance hump. Place the U-plates over the bushings on the bar, position the U-plates and poly-bushings in the same location as the sway bar mounts. To avoid any possible bushing noise, apply a thin layer grease to the inside of the bushings.
4. Place the bar with the bushings and U-plates up over the top of the differential housing. Align the bushings and U-plates so that they align with the mounts on the differential. Attach U-Plates using the factory bolts as shown in Photo 2. **Leave loose at this time to allow for adjustment later.**
5. Locate the end links and assemble with the poly bushings as in Photo 3. Insert the hour glass poly bushings through the welded ends of the end links. Insert the steel sleeves through the hour glass poly bushings. (To ease installation lightly grease the steel sleeve and the hour glass bushing before assembling).
6. Attach the end links to the frame rail as shown in Photo 3.
7. Raise the arms of the sway bar and install the end link bushings on the arms of the sway bar as shown in the Photo 3 with the locknut on the bottom of the end link. The sway bar arms should be as close to parallel with the ground as possible.
8. Tighten the nuts until the poly bushings start to bulge. Do not over tighten or damage can occur to the poly bushings.
9. Replace the shock bolt and emergency brake cable retainer as shown in Photo 1.
10. Align the bar to be as centered on the differential as possible. The bar should have clearance on all undercarriage components. Tighten all of the mounting hardware to the specified rates. Be sure to move any lines, wires or hoses on the axle or the inside of the frame to avoid any damage.
11. Bounce the vehicle checking for clearance on all undercarriage components shocks, exhaust, etc. Test drive the vehicle and recheck your installation. **Recheck periodically on a regular basis thereafter.**

**ATTENTION INSTALLER: BE SURE THE CUSTOMER RECEIVES THIS INSTRUCTION SHEET, ALL WARNING AND NOTE CARDS AND THE WARRANTY FORM.**

### Maintenance and Inspection:

Your Hellwig Suspension Product is built to last. However, as with all vehicle systems, it requires routine inspection. Inspect your Hellwig installation looking for secure hardware and tight fitting brackets and bushings. If you do not perform this inspection, have your professional mechanic inspect as described.