

## INSTALLATION INSTRUCTIONS

### 7651 Rear Stabilizer Bar

Thank you for purchasing a quality Hellwig Product.

**PLEASE READ THIS INSTRUCTION SHEET COMPLETELY BEFORE STARTING YOUR INSTALLATION**



#### 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.

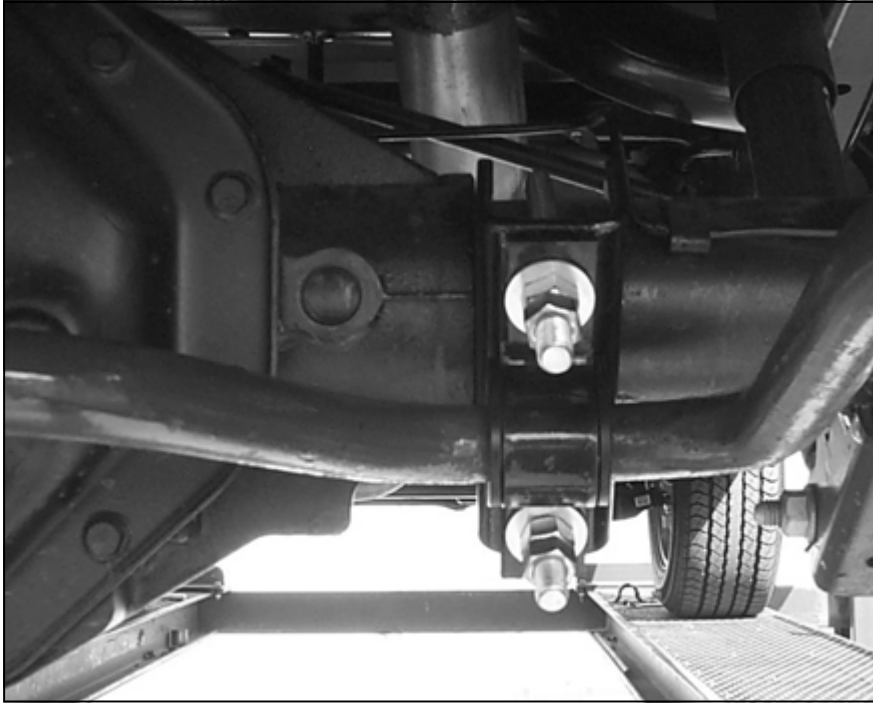
**SAFETY: BEFORE STARTING YOUR INSTALLATION, BE SURE TO SET PARKING BRAKE AND CHOCK TIRES.**

**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 VEHICLE BY FRAME.**

**NOTE: THIS UNIT IS DESIGNED TO MOUNT TO THE REAR OF THE AXLE TUBES WITH THE ARMS OF THE BAR TOWARD THE REAR OF THE VEHICLE. THE HUMP SHOULD TILT SLIGHTLY DOWNWARD.**

1. Lubricate D-shaped poly-bushings and place them onto straight areas of the bar on each side of center hump. After installing D-bushings onto bar, place U-plates on D-bushings.
2. Hold bar up to axle and locate the position on the axle tubes to mount U-bolts. **When installing U-bolts, be sure to put U-bolts under any brake lines, wires or hoses on the axle to avoid any possible damage.**
3. Place saddle brackets on axle by inserting legs of U-bolts into the holes in saddle brackets. Raise bar and place D-bushings on saddle brackets by inserting legs of U-bolts through holes in U-plates. Install flat washers and nuts provided on U-bolts. **LEAVE LOOSE AT THIS TIME** to allow for adjustment later.
4. Locate existing spare tire crossmember on vehicle frame. Place square U-bolt over frame rail just behind crossmember with legs of U-bolt pointing downward. If equipped with resonator, it may be necessary to move U-bolts back 1" to allow end link clearance to resonator.

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5. Insert legs of U-bolt into slotted holes of the 3-hole plate. Install 3-hole plate with third hole inboard of frame rail and toward front of vehicle. The welded spacer tab on the 3-hole plate must contact the bottom of the frame. When installed properly, the 3-hole plate will contact the bottom of the crossmember with the welded tab contacting the frame rail. Install washers and nuts provided. **LEAVE LOOSE** for adjustment later. On some models, the rear portion of the crossmember does not extend under the frame causing the plate to rest at an angle due to the spacer tab. On these models, flip the plates over so that the spacer tab is exposed and swap the plates side to side to install as shown in photo.
6. Install spacer tube on 7/16" X 12" threaded rod. Place a washer and poly bushing on each end of spacer tube and insert end of rod through end-link hole in 3-hole plate. Then install poly bushing, washer and locknut on each end of rod as shown in picture.
7. With sway bar loosely mounted, work bar back and forth in D-shaped poly bushing to center bar. Tighten frame U-bolts to the torque spec in torque table.
8. Tighten end link nuts until poly bushings start to bulge slightly. **DO NOT OVERTIGHTEN**
9. Tighten axle U-bolts to 50 ft-lb. Place second nut on U-bolt and tighten against primary nut to lock in place.
10. Recheck your installation, looking for clearance on any undercarriage components, such as gas lines, exhaust pipes, brake lines, wiring, etc.
11. Drive vehicle for a few miles, then recheck for position and tightness, readjust and retorque as needed. Then recheck periodically thereafter.

# HELLWIG PRODUCTS

## PARTS LIST

### RSB # 7651

PART #	QTY	DESCRIPTION
20217651	1	1-1/8" SWAY BAR
20800663	1	LH FRAME BRACKET
20800664	1	RH FRAME BRACKET
20800378	2	U-PLATE
111000486	2	1-1/8" POLY BUSHING
118000651	2	1/2" X 3" X 7-3/8" SQUARE U-BOLT
10090312	2	7/16" X 12" END LINK
20800871	2	SADDLE BRACKET
118020366	2	1/2" X 3-5/8" X 5" ROUND U-BOLT
20800224	2	END LINK SPACER
<b>125030336</b>	<b>1</b>	<b>SMALL PARTS BAG # BG-336</b>
111000389	8	END LINK BUSHING
<b>125000651</b>	<b>1</b>	<b>SMALL PARTS BAG # BG-651</b>
102520043	8	1/2" FLAT WASHER
105521044	8	1/2" HEX NUT
107521044	4	1/2" LOCK NUT
107401042	4	7/16" LOCK NUT
102420041	8	7/16" FLAT WASHER
135007651	1	INSTRUCTION SHEET R-7651