



16237 AVENUE 296 . VISALIA, CA 93292
TEL. (559) 734-7451 1-800-435-5977 FAX (559) 734-7460

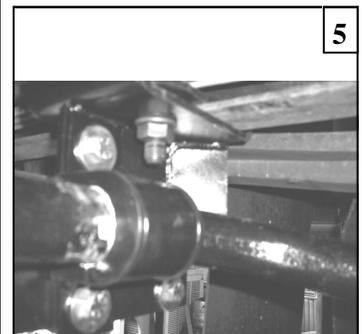
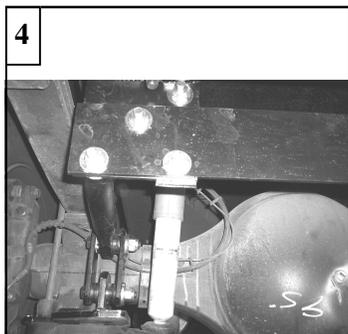
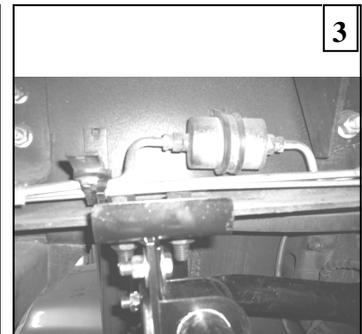
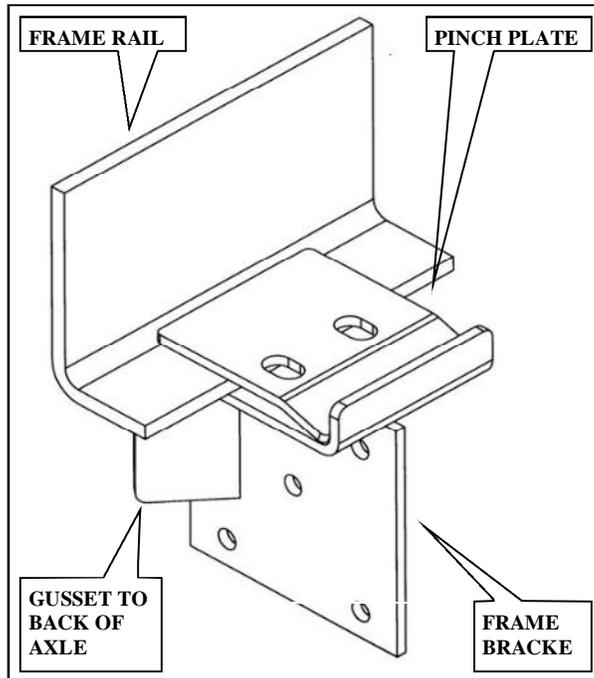
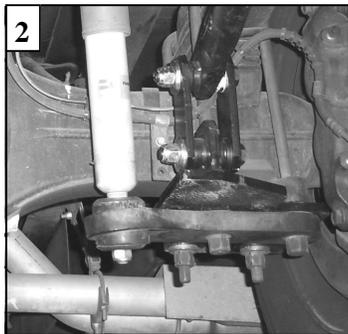
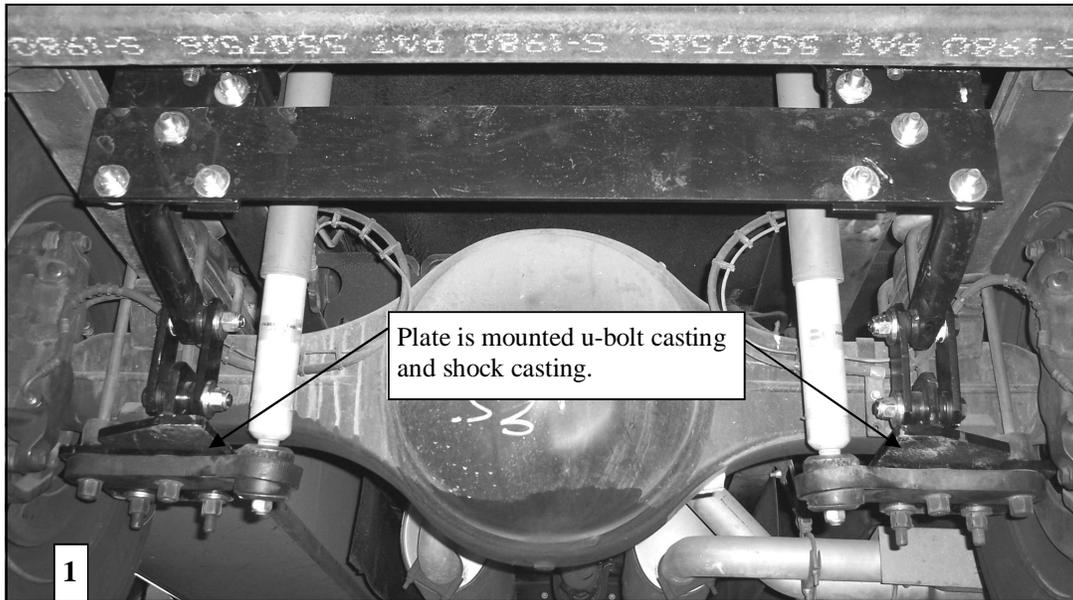
INSTALLATION INSTRUCTIONS

Rear Stabilizer Bar

Workhorse W20-W24 Models

Thank you for purchasing a quality Hellwig Product.

PLEASE READ THIS INSTRUCTION SHEET COMPLETELY BEFORE STARTING YOUR INSTALLATION





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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 SWAY BAR WILL MOUNT TO THE REAR OF THE REAR AXLE BETWEEN THE FACTORY CROSSMEMBER AND THE SHOCK ASSEMBLIES, ARMS WILL BE POINTING TOWARDS THE BACK OF THE REAR AXLE.

1. Remove the rear axle u-bolt nuts. Install the left & right axle plates on the bottom side of the factory axle plates. **NOTE :** the mount tabs for the rear sway bar will be towards the inside of the coach both sides. Reinstall the axle nuts and torque to the factory specified rate. (**CAUTION :** gas pressure shocks are very stiff and hard to install. Recommend using limiting straps or zip ties to hold the shocks in place to ease the installation later). (**SEE PHOTO # 2**).
2. Measure from back of the rear axle approximately (**17-1/2"**) towards the rear of the coach. This is the area that the Pinch plate & Frame brackets will be mounted to the lower lip of the frame rails. Area will be close to factory cross-member. (**CAUTION :** on the drivers side check for clearance for the fuel filter bracket, slight modification may be required for proper fit). (**SEE PHOTOS # 1 & 3**).
3. With the mounting hardware provided install the Pinch plate & Frame brackets to the lower lip of the frame rails. The welded gussets on the frame brackets will towards the front of the coach. The lower lip of the frame rail will be sandwiched between the Pinch plate and the Frame bracket. (**SEE DRAWING**). Leave loose at this time to allow for adjustment later.
4. Locate the Cross-member and install to the mounted Frame brackets on the frame rails with the hardware provided. The cross-member will be positioned between the factory cross-member and the top shock mount brackets on the vehicles frame. Leave loose at this time to allow for adjustment later. (**SEE PHOTO # 1**).
5. Locate and assemble the end link assemblies. Position the sway bar between the factory cross member and the rear shocks and attach the sway bar arms to the end link assemblies. (**SEE PHOTO # 4**).
6. Install the poly D-bushings on the sway bar. Rotate the sway bar up to the cross-member provided. Using the hardware provided install the U-plates over the D-bushings and attach to the cross-member. Leave loose at this time to allow for adjustments later. (**SEE PHOTO # 5**).
7. With the say bar mounted on the cross-member slide the Pinch plate and Frame brackets forward or backwards to allow the end links to be straight up and down as possible. Check for clearance on all undercarriage components, ie: exhaust, shocks, fuel lines & filter, brake lines etc. . With the sway bar properly mounted and the end links straight up and down as possible tighten all mounting hardware to their specified rates. Start at the axle plates or end links this will center the sway bar onto its mounts or U-plates. Torque all mounting hardware to the specified rate. Test drive the vehicle and re-check your installation and re-adjust if necessary. Re-check your installation on a monthly regular basis thereafter.

ATTENTION INSTALLER: BE SURE THAT THE CUSTOMER RECEIVES THIS INSTRUCTION SHEET, ALL IMPORTANT NOTE CARDS AND THE WARRANTY FORM



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PARTS LIST
RSB # 7219

PART #	QTY	DESCRIPTION
20217219	1	1-3/4" SWAY BAR
20227219	1	1-3/4" CUT SWAY BAR
111000570	4	5/8" POLY BUSHING
111000571	2	SMALL BUSHING SLEEVE
111000572	2	LARGE BUSHING SLEEVE
20800161	1	CROSSMEMBER
72191	1	REAR SWAY BAR INSTALL/KIT
111000889	2	1-3/4" POLY BUSHING
20800173	1	LH LOWER ANGLE BRACKET
20800174	1	RH LOWER ANGLE BRACKET
20800172	2	PINCH PLATE
20800787	2	MODIFIED U-PLATE
20800889	2	FRAME BRACKET
20800307	4	END LINK SHACKLE
20800219	1	LH AXLE U-BOLT PLATE
20800220	1	RH AXLE U-BOLT PLATE
125020066	1	COMPLETION KIT
101500622	4	5/8" X 2" FRAME BOLT
107700622	4	5/8" FRAME NUT
101500125	8	1/2" X 1-1/2" CAP SCREW
107521044	8	1/2" LOCK NUT
102520043	16	1/2" FLAT WASHER
101500138	4	5/8" X 3-3/4" CAP SCREW
107700058	4	5/8" LOCK NUT
102500137	4	5/8" X 1-3/4" X 3/16" THICK FLAT WASHER
135007237	1	INSTRUCTION SHEET (R-7237)