

Hellwig PRODUCTS

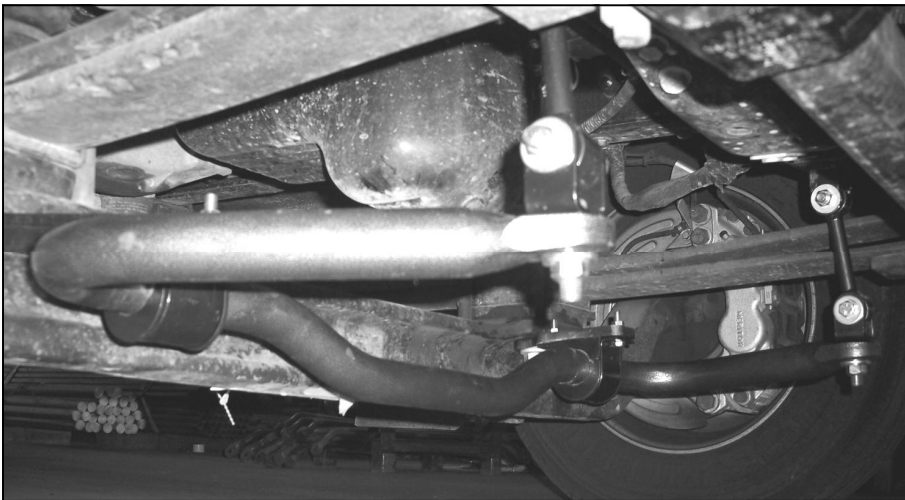
INSTALLATION INSTRUCTIONS

FRONT STABILIZER BAR

2003+ GMC KODIAK 4500/5500

Thank you for purchasing a quality Hellwig Product.

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



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

NOTE: THIS SWAY BAR IS TO BE MOUNTED ON THE FRONT OF THE FORWARD AXLE WITH THE HUMP POINTING TOWARDS THE GROUND, AND THE ARMS POINTING TOWARDS THE FRONT OF THE VEHICLE.

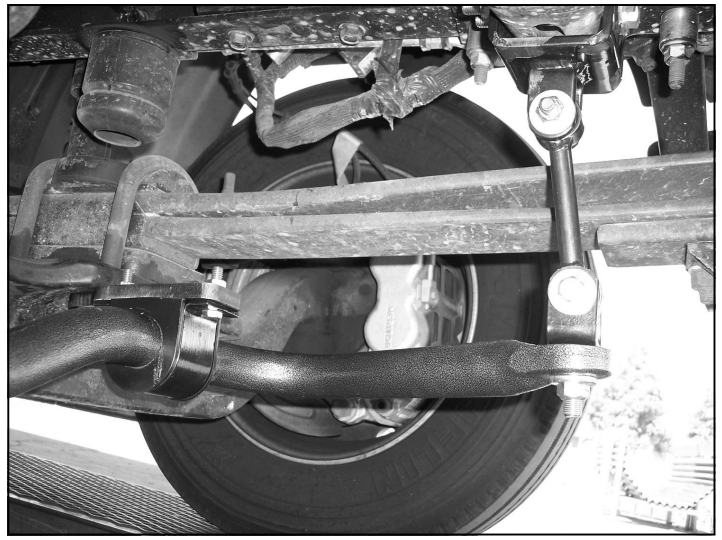
NOTE: THIS KIT INCLUDES LOCKNUTS WHICH REQUIRE TIGHTENING WITH A WRENCH AFTER BEING STARTED BY HAND.

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.

1. Remove nuts from the axle u-bolts located on the forward side of the front axle. Do not remove nuts from u-bolts on rearward side of axle.
2. Attach frame brackets to existing holes in frame crossmember using the 1/2X4-1/2" bolts, washers, and locknuts as shown in photos. Orient brackets so that the clevis sits perpendicular to the ground and torque bolts to 60 ft-lb.

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3. Install the axle plates on the axle as shown in photos by inserting legs of u-bolts through the holes in the mounting plates. Install mounting plates with the bushing mounting surfaces inboard of the leaf springs. Make sure the plates sit squarely against the axle mounting surface. Re-install nuts and torque to factory specification.
4. Assemble end links by inserting hourglass bushing first and then inner sleeve into the each loop of the end link. **Fully lubricate bushings and sleeves before installation.**
5. Attach end links to clevis of frame brackets using 7/16X2-3/4" bolts, washers, and locknuts as shown in photos. Leave loose for adjustment later.
6. Lubricate the D-bushings and place on sway bar in approximate mounting location of the axle brackets.
7. Raise sway bar upward to so that the bushings contact the mounting surface on the axle plates and attach swaybar using the u-plates and the 3/8X1-1/4" bolts, washers, and locknuts. Install bolts with threaded portion pointing upwards as shown in photo. Leave loose for adjustment later.
8. Attach clevis to sway bar end as shown in photo with 1/2-2" bolt, washer and locknut. Do not place washer under bolt head. Align clevis so that it will mate to end link when installed. Torque to 80 ft-lb.
9. Rotate sway bar and attach each clevis on end of sway bar to an end link using 7/16-2-3/4" bolts, washers, and locknuts. Leave loose for adjustment later.
10. Align the sway bar under the vehicle to be as centered as possible and so that the end links are as even from side to side as possible. The end links will allow a wide range of pivot and do not need to be straight up and down front to rear.
11. When bar is centered, tighten the 3/8" bolts on axle plates to 30-35 ft-lb and tighten the 7/16" end link bolts to 55-60 ft-lb.
12. Check for clearance on all undercarriage components etc. shocks, spare tire, fuel tank, exhaust, brake and fuel lines. Test drive the vehicle and recheck your installation readjust in needed. After one week of driving recheck your installation. Recheck on a monthly regular basis thereafter.