

# Hellwig PRODUCTS

## INSTALLATION INSTRUCTIONS

### Rear Stabilizer Bar 7717

2011+ GM 2500HD-3500HD 2WD-4WD

Duramax Diesel Only

Thank you for purchasing a quality Hellwig Product.

PLEASE READ THIS INSTRUCTION SHEET COMPLETELY BEFORE STARTING YOUR INSTALLATION



#### TORQUE TABLE

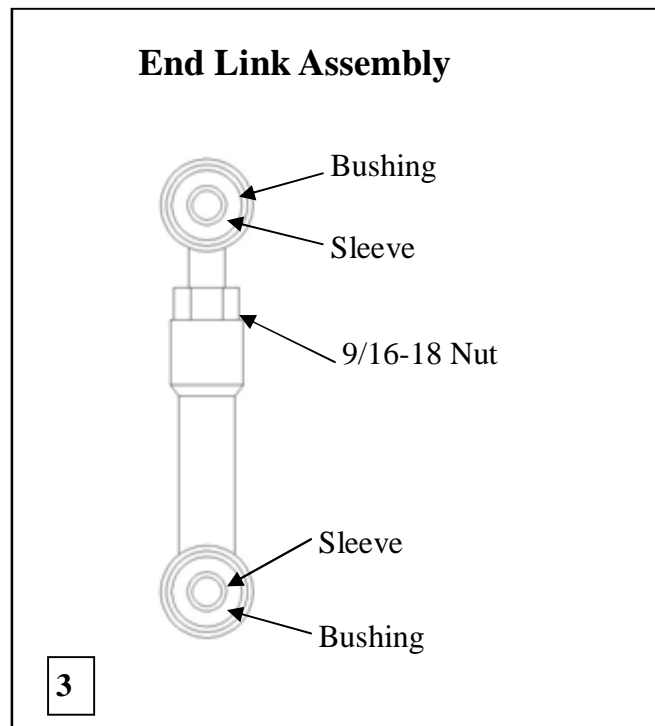
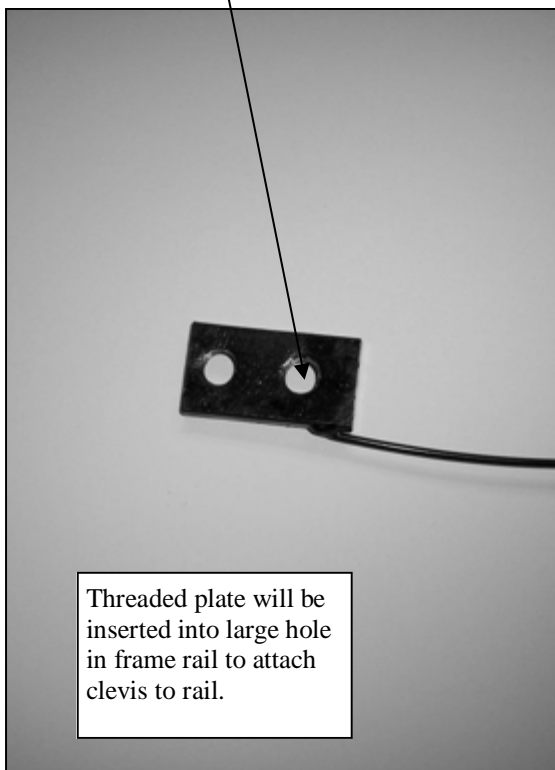
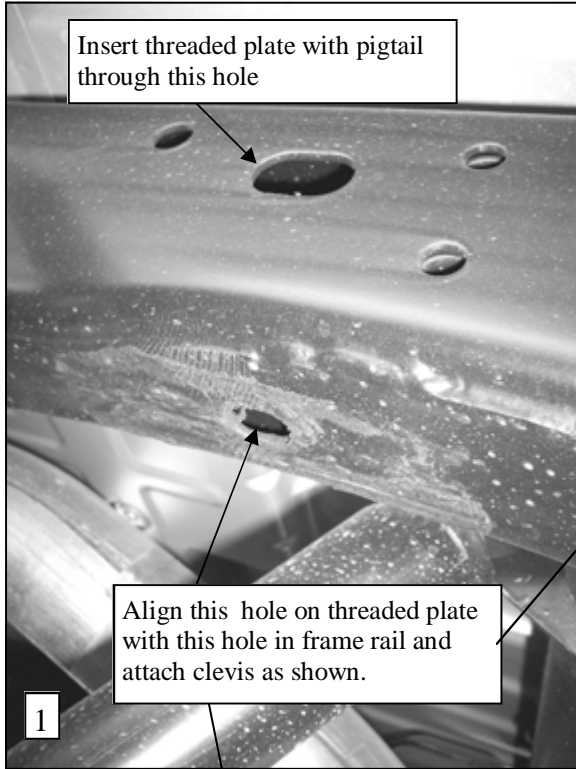
Bolt Size 3/8"— 35 ft lbs \* Bolt Size 7/16"— 45 ft lbs\* Bolt Size 1/2"—75 ft lbs \*Bolt Size 9/16"— 90 ft lbs

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

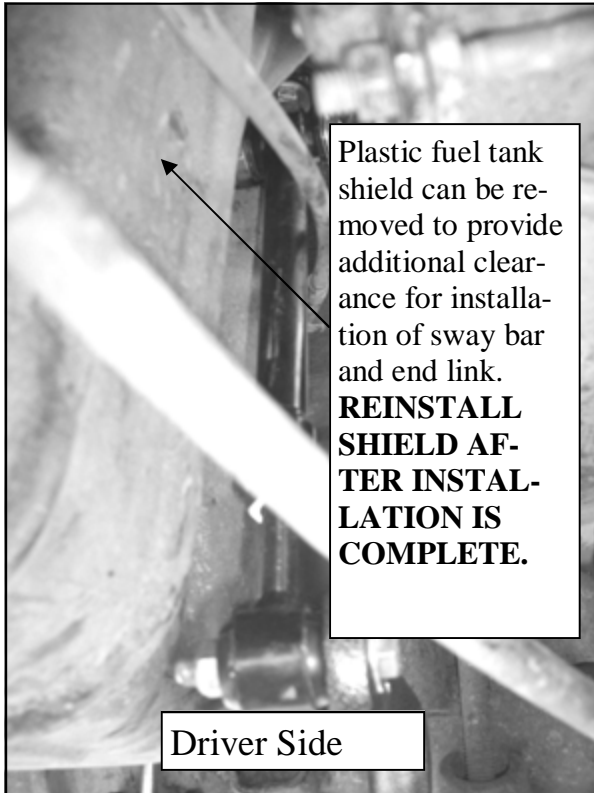
**NOTE: TO EASE INSTALLATION AND PROPERLY ADJUST THE BAR, THE WEIGHT OF THE VEHICLE MUST BE ON THE SUSPENSION AS IF DRIVING DOWN THE ROAD. DO NOT RAISE THE VEHICLE BY THE FRAME.**

**NOTE: THIS UNIT IS DESIGNED TO MOUNT TO THE BOTTOM OF THE AXLE TUBES WITH THE ARMS OF THE BAR TOWARD THE REAR OF THE VEHICLE.**

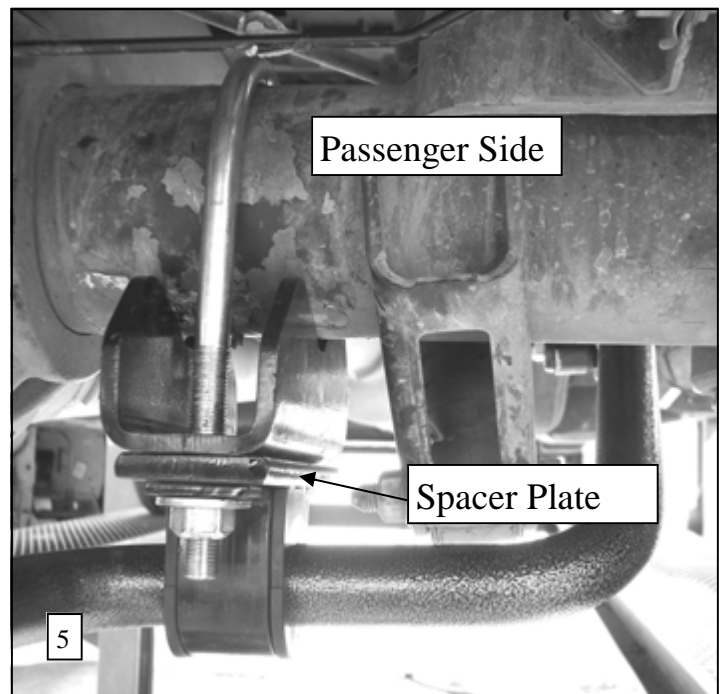
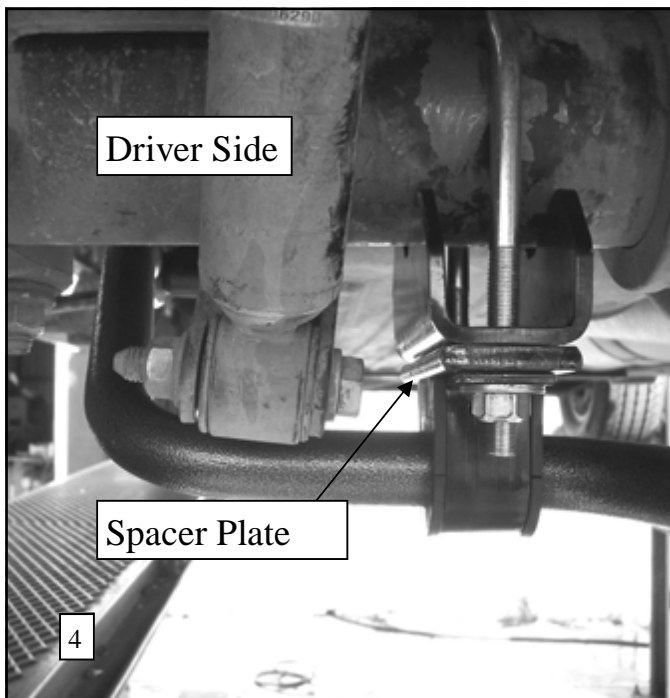
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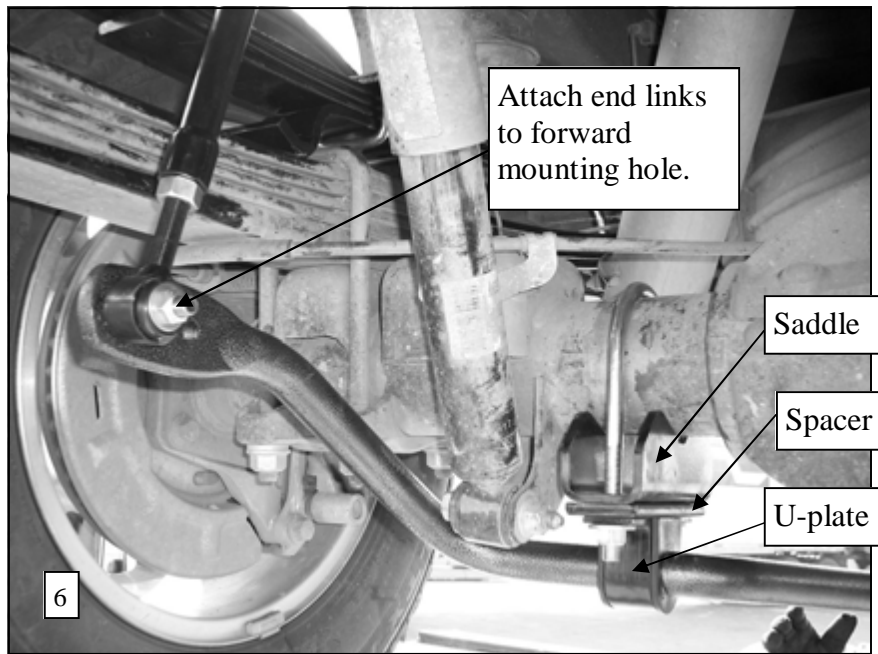


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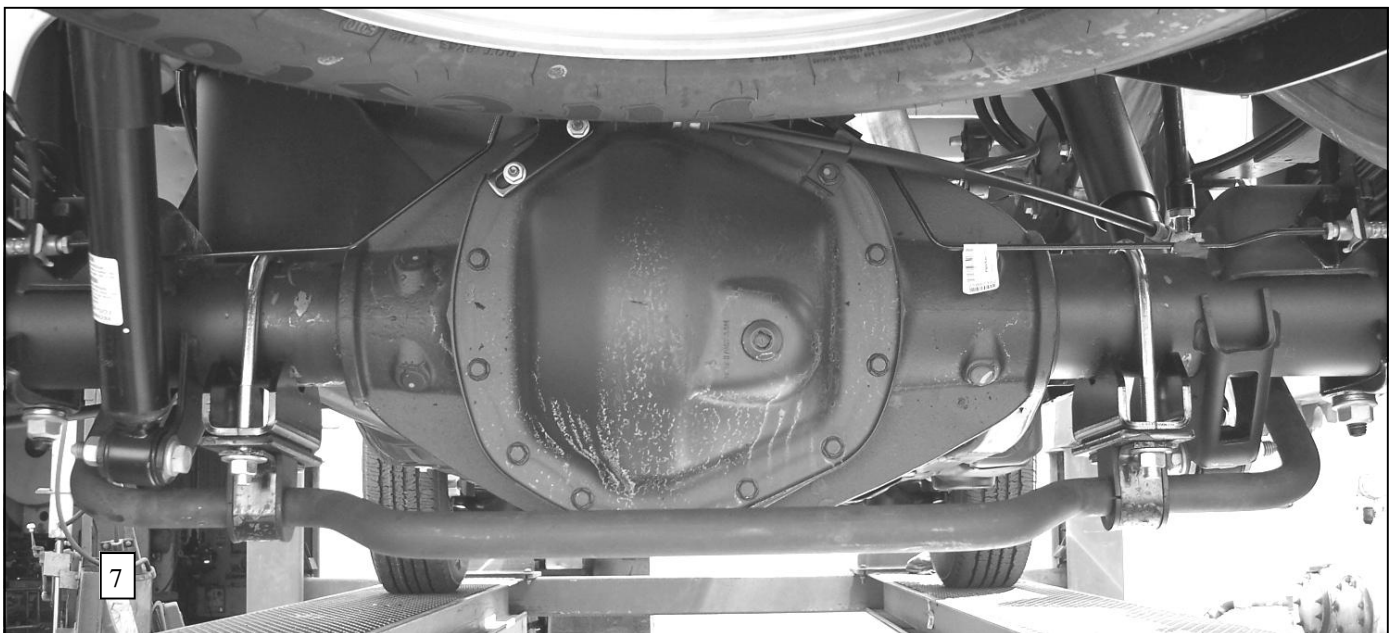


1. Locate large slotted hole in side of frame rails approximately 12 forward of the bump stops as shown in photo 1.
2. Insert threaded plate into large slotted hole and use wire pig-tail to orient threaded plate to slotted hole on bottom of frame rail.
3. Attach clevis to threaded plate with 1/2 X 1-1/4" bolt as shown in photo 2. Align clevis to be square with the frame rail and torque bolts to 50 ft-lb.
4. Assemble end links as shown in photos 2&3 by inserting the hourglass bushing first and then the sleeve into the loops of the end links. **Lubricate the bushing and sleeve before assembly.** Attach 9/16 nut to threaded half of end link before assembling end link halves.
5. Attach end links to clevis on frame brackets using 7/16 X 2-1/4 bolts and locknuts. **LEAVE LOOSE** for adjustment later. On driver side the plastic fuel tank shield can be loosened to provide additional clearance for assembly. Reinstall shield after installation is complete.
6. Place U-bolts on axle as shown in photos 4&5. **Be sure to put the U-Bolts Under Any Brake Lines, Wires or Hoses on the Axle to Avoid Any Possible Damage.** The threads of the U-Bolts will point down.





7. Lubricate and install polyurethane D-bushings and U-plates on the sway bar in the locations shown in photos 4&5.
8. Orient sway bar with arms angling upward as shown in photo 6. Attach ends of sway bar to end links with 7/16 x 2-3/4" bolts as shown in photo 6. Leave loose for adjustment later. Attaching sway bar to end links first will allow the sway bar to be rotated into position to ease installation.
9. Insert legs of U-bolts into saddle brackets and spacer plates and rotate sway bar upwards to attach the u-plates with the U-bolts. Attach sway bar assembly to axle with 1/2" lock-nuts and washers.
10. Center sway bar on axle and tighten axle U-bolts to 60 ft-lb.
11. Adjust end links so that sway bar is oriented as shown in photos 6&7. The center hump will be even with the bottom of the differential housing as shown in photo 7.



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12. After all adjustments have been made, tighten end link mounting bolts to 35-40 ft-lb and 9/16" adjustment nut on end links to 70 ft-lb.
13. **Bounce the vehicle checking for clearance on all under carriage components: fuel tank, shocks, exhaust, differential, brake and fuel lines, etc.** Test drive the vehicle and recheck all clearances and the installation alignment. Adjust as needed. Re-check your installation after one week of driving and periodically on a regular basis.
14. **The sway bar has three end link mounting holes. The end link MUST be mounted on the outer hole for initial use. For a firmer setting, use the inner holes. You must use the outer mounting hole until you are accustomed to the vehicles new handling characteristics. After driving vehicle, a firmer setting may be selected if desired. It is recommended that the outer hole be used for street driving.**