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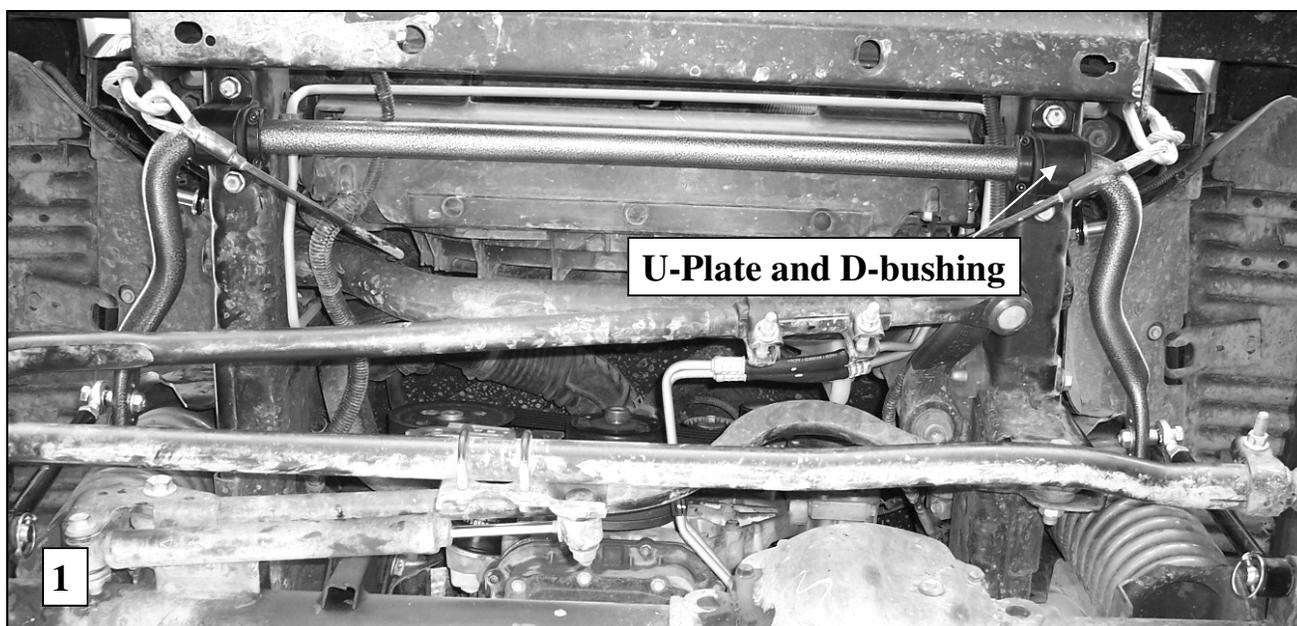
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INSTALLATION INSTRUCTIONS

Jeep Wrangler JK 7876 FRONT SWAY BAR

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 TIRES.

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

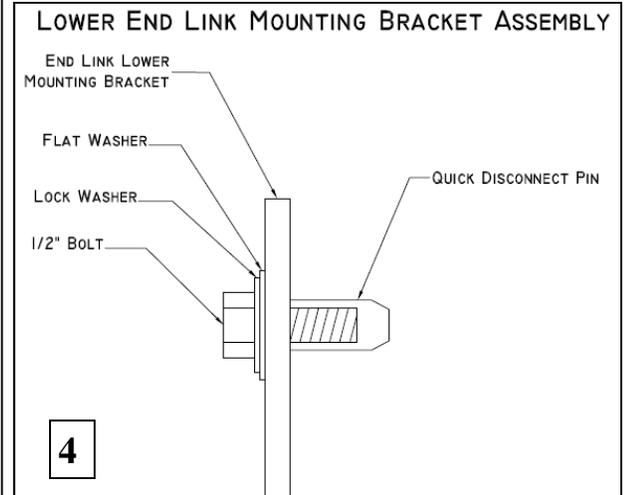
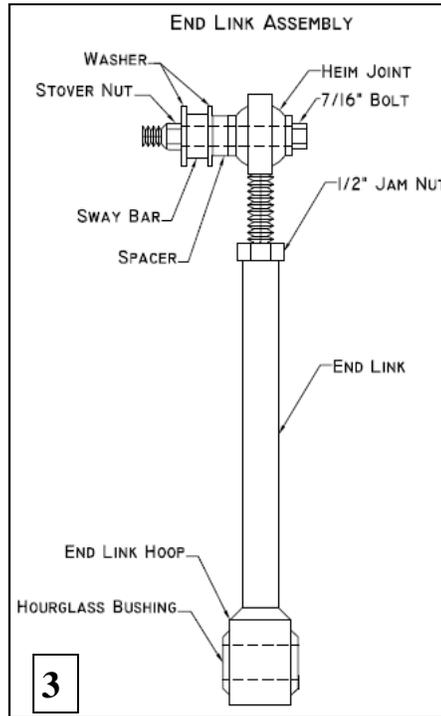
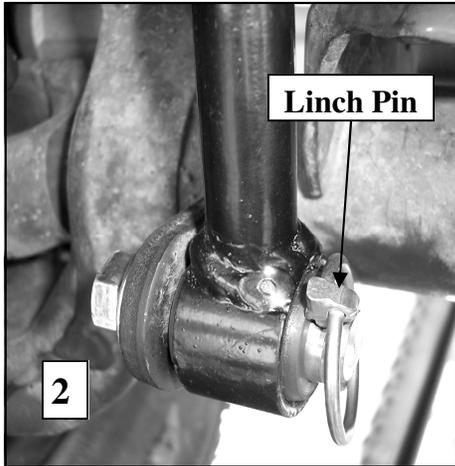
NOTE: THIS KIT INCLUDES LOCK NUTS WHICH REQUIRES TIGHTENING WITH A WRENCH AFTER BEING STARTED BY HAND.

TORQUE TABLE

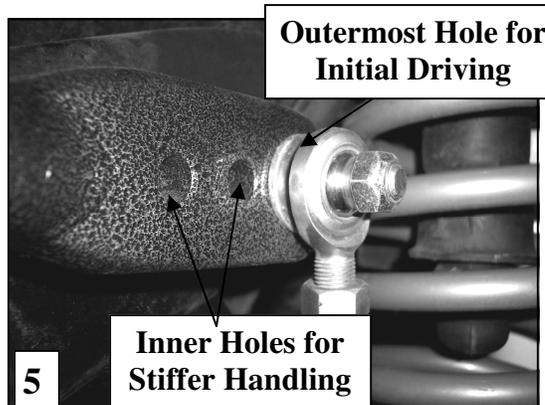
BOLT SIZE: 3/8" = 20-30 ft. lbs. – 7/16" = 35-45 ft. lbs. – 1/2" = 50-70 ft. lbs. – 9/16" = 70-90 ft. lbs.-5/8"=120 ft. lbs.

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1. Entirely remove the front factory sway bar and end links. Keep the hardware as some of it will be reused in the installation.
2. Lubricate the insides of the D-bushings and place them on the bar. Then place the U-plates over the bushings.
3. Using the factory bolts kept in Step 1, attach the sway bar to the underside of the frame in the stock location as shown in Photo 1.
4. Remove end link bolt from axle brackets. Penetrating fluid may be necessary if the bolt is rusty. The new end link pin will occupy the mounting hole in the axle brackets.
5. Assemble end links together as shown in Diagram 3 above. The heim joint will be threaded into the end link with a jam nut. Lubricate the outside of the hourglass bushing and tap it into the hoop on the end link. Leave loose at this time for later adjustment.
6. Loosely attach the rod end to the middle hole on the sway using the 7/16" bolt, washers and stover nut. **The middle hole position is for sizing the end link only**, it is recommended to start with the end link attached to the outermost (softest) hole until the driver gets used to the change in ride characteristic and they can then adjust the hole positioning for their driving style as shown in Photo 5.



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7. Attach the quick disconnect pins to the existing lower end link mounting bracket following Diagram 4 and Photo 2 on the previous page. Use the included longer, 1/2x1-1/2" bolts. Torque bolts to 40 ft-lb. A small Phillips screwdriver can be inserted in to the hole in the end of the pin to keep it from turning while tightening bolt.
8. Lubricate the inside of the hourglass bushing on the end link and slide it over the quick disconnect pin. This will be held in place with the included linch pin.
9. Lengthen or shorten the end link so the sway bar arms are parallel to the ground and make sure the bar is centered on the frame. Once these are correct, tighten the jam nut to hold the end link in place and tighten all other bolts following the Torque Table on Page 1.
10. Assemble the end link relocation tab following Diagram 4 on the previous page with the quick disconnect pin facing in towards the holes and using the shorter 1/2x1" bolts.
11. Disconnect the end link from the axle and attach it to this mounting tab. Swing the end link forward to the sheet metal next to the body mount. Use the tab to mark the location for the two holes to attach it in the same location as shown in Photos 6 and 7.
12. **BEFORE DRILLING, DISCONNECT BATTERY AND VERIFY THAT DRILL WILL NOT CONTACT OR DAMAGE ANY BRAKE, FUEL, COOLANT LINES, BATTERY, ELECTRICAL COMPONENTS, WIRING, OR ANY OTHER ENGINE COMPARTMENT COMPONENTS.** Drill two 13/32" holes and use the included 3/8" hardware to attach the relocation tab to the body. The end links can be disconnected from the axle and moved to these locations when the vehicle is being used offroad and needs additional suspension flex. For on-road use, leave the end link attached to the axle bracket.
13. With the end link attached to the relocation tab as well as the axle bracket, bounce the vehicle checking for clearance on all under carriage components: fuel tank, shocks, differential, brake and fuel lines, etc. Test drive the vehicle and recheck all clearances and bolt torques. Adjust as needed. Re-check your installation after one week of driving and periodically on a regular basis.

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