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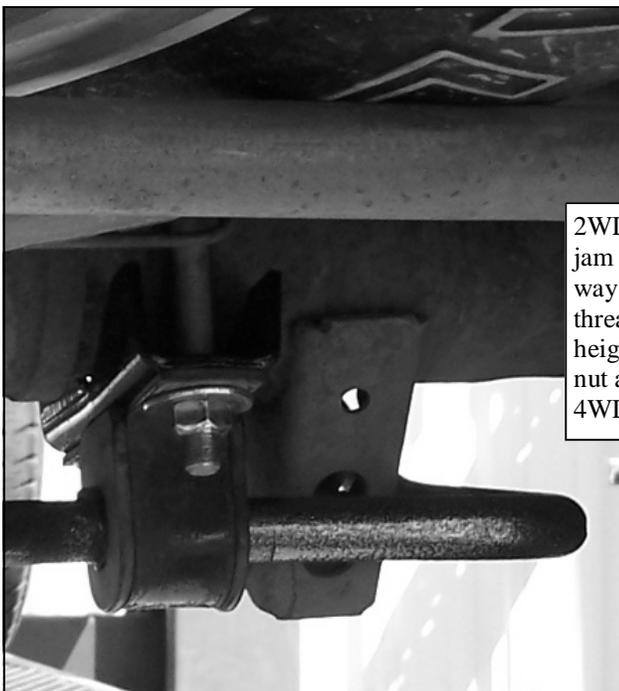
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INSTALLATION INSTRUCTIONS

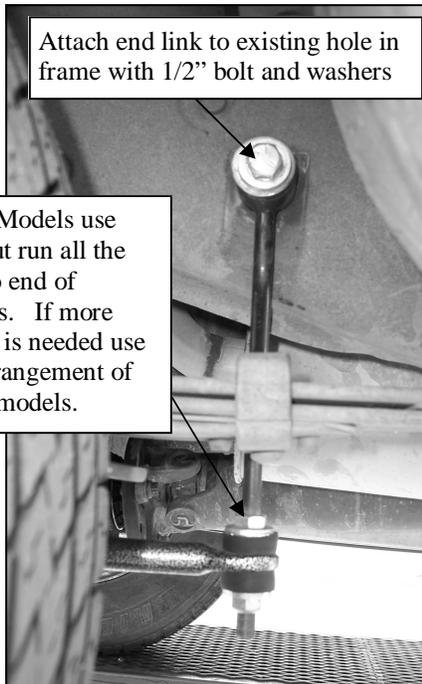
Ford Ranger Rear Stabilizer Bar

Thank you for purchasing a quality Hellwig Product.

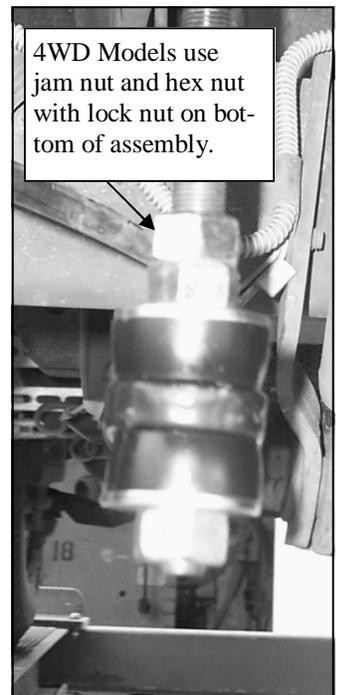
PLEASE READ THIS INSTRUCTION SHEET COMPLETELY BEFORE STARTING YOUR
INSTALLATION



2WD Models use jam nut run all the way to end of threads. If more height is needed use nut arrangement of 4WD models.



Attach end link to existing hole in frame with 1/2" bolt and washers



4WD Models use jam nut and hex nut with lock nut on bottom of assembly.

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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.

1. Lubricate the D-bushings and place them onto the straight areas of the bar on each side of the center hump as shown in the photos.
2. Hold bar up to the axle and locate the position on the axle tubes to mount the u-bolts. **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.
3. Place saddle brackets onto the U-Bolts on the axle tubes. Place the U-Plates over the D shaped bushings on the bar and attach the bar to the U-Bolts and saddle brackets with the flat washers and locknuts provided. **LEAVE LOOSE AT THIS TIME** to allow for adjustment later.
4. Assemble end links by installing the hourglass bushing and then the spacer into the loop of the end link. **Lubricate bushing and spacer before assembly.**
5. Attach end links to existing hole in frame rail using the 1/2" X 2-1/2" bolt washers and 1/2" locknut. Install bolt through end link with a flat washer mounted to the inside of the frame rail and the outside of the bushing.
6. Assemble bushings, washers and nuts on end link as shown in photos. The lock nut installed on the bottom of the end link bushing assembly. Adjust jam nut and hex nut on upper portion of end link to raise or lower assembly to align arms of sway bar to be as parallel with ground as possible. On most 2WD models, it will be necessary to tighten the jam nut all the way to the end of the threads and remove the hex nut to obtain correct alignment of the sway bar and end link. If more height is required on 2WD models, the 4WD arrangement must be used. For most 4WD models it will be necessary to use a hex nut and jam nut on top of the end link bushing assembly to lock the adjustment.
7. Tighten lock nut on bottom of end link until bushings begin to bulge slightly. If equipped, tighten jam nut against upper hex nut to lock adjustment.
8. Adjust sway bar on axle so that there is at least 1/2" clearance between the bar and the axle. Ensure adequate clearance between the sway bar and all shock absorbers, brake lines, hoses, cables and electrical connections. When all clearances are confirmed, tighten U-bolts to 35 ft-lb.
9. Bounce vehicle and check for clearance on all undercarriage components. Recheck installation, look for clearance on gas lines, exhaust pipes, brake lines, wiring, etc.
10. Drive vehicle for a few miles, then recheck for position and tightness, readjust and retorque as needed. Then recheck periodically thereafter.

ATTENTION INSTALLER: PLEASE MAKE SURE CUSTOMER RECEIVES THIS INSTRUCTION SHEET, ALL IMPORTANT NOTE CARDS, WARNING CARDS AND THE WARRANTY FORM

