

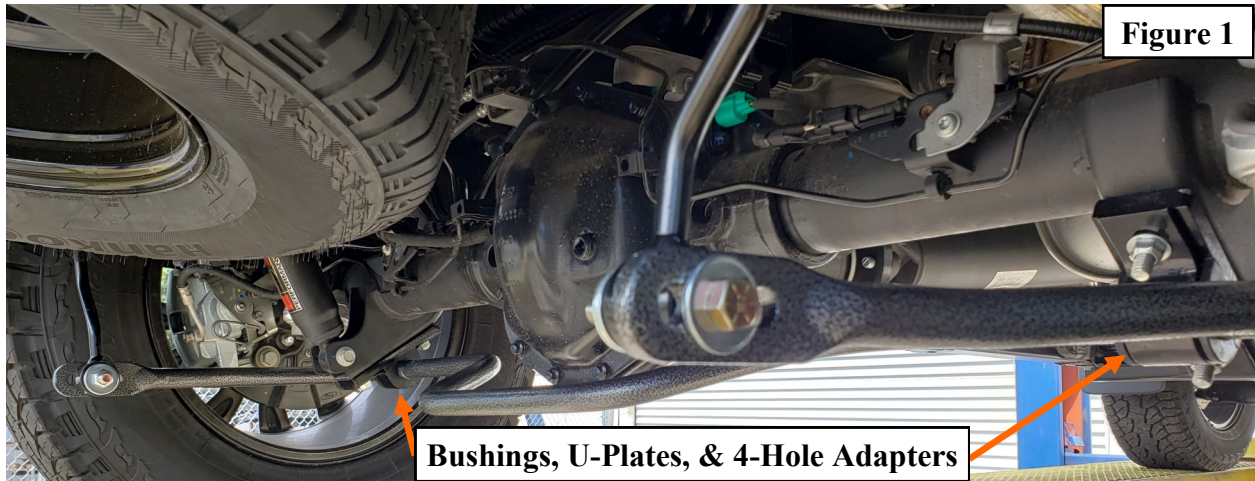
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INSTALLATION INSTRUCTIONS Ford Ranger REAR STABILIZER BAR

Thank you for purchasing a quality Hellwig Product.

PLEASE READ THIS INSTRUCTION SHEET COMPLETELY BEFORE STARTING YOUR INSTALLATION



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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.

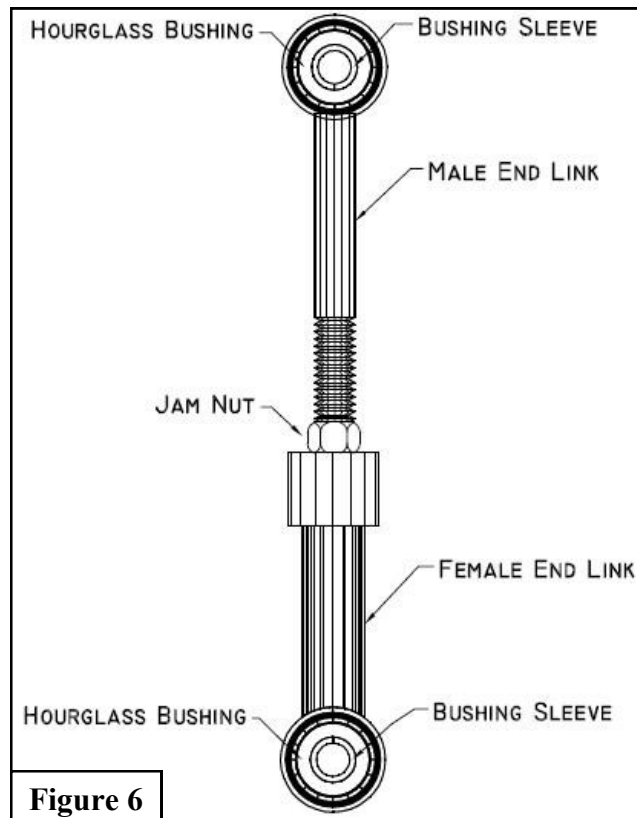
SAFETY: BEFORE STARTING YOUR INSTALLATION, BE SURE TO SET PARKING BRAKE AND CHOCK TIRES.

NOTE: TO EASE INSTALLATION AND TO PROPERLY ADJUST 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 SWAY BAR IS DESIGNED TO REPLACE THE FACTORY INSTALLED REAR SWAY BAR.

NOTE: THIS UNIT IS DESIGNED TO REPLACE THE FACTORY INSTALLED REAR ANTI-SWAY BAR OR AS AN ADDITION IF THE REAR ANTI-SWAY IS NOT FACTORY SUPPLIED.

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



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

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1. Slide tapped 2-hole plate inside shock mount brackets on the rear axle and use (4) 3/8" flat head bolts to attach the 4-hole u-plate adapter plate.
2. Insert (4) 3/8"x1 1/2" studs into adapter plate using blue threadlock.
3. Insert 3/8"x1" locating stud into c-shaped muffler spacer using blue threadlock. Unbolt muffler from frame and reattach using spacer and 6mm bolt to space muffler away from frame.
4. Lubricate the inside of the D-shaped bushings and place them on the sway bar where they will line up with the factory brackets.
5. Place the bar on the axle, center it and then bolt the u-plate over the D bushing to hold the bar in place using (4) 3/8" flat washers & lock nuts. Leave loose at this time for later adjustment.
6. Install upper end link mounting brackets to under side of frame rails using (2) cross bars, (4) 7/16"x5 1/2" bolts, (8) flat washers, & (4) lock nuts. The clevis should be directly above the center mounting hole on sway bar with arms pointed straight back.
7. Assemble end links together as shown in figure 4 on page 2. Lubricate the outsides of the hourglass bushing and tap it into the hoop on the end link. Then lubricate the outside of the sleeve and press it into the bushing.
8. Adjust end link length so arms of sway bar will be parallel with ground when connected. Measure both sides to ensure they are the same length and tighten jam nut.
9. Install end links on vehicle with female end link on top using (4) 7/16"x2 3/4" bolts, (4) flat washers (bottom end link only), & (4) lock nuts. Bottom end links should be offset toward the center of the vehicle. For firmer settings, use the inner holes (closer to the axle). We recommend starting with the center mounting hole until you are accustomed to the vehicles new handling characteristics. Select the mounting point that best fits your driving style.
10. Center sway bar and check for fit. Make sure end links will clear vehicle components and adjust upper mounting plates locations if needed. Location of end link mounting brackets on both sides must mirror each other.
11. Tighten all bolts and torque to specified values on page 2.
12. Install the collars around the sway bar against the inside of the D bushing.
13. Recheck your installation, looking for clearance on any undercarriage components, such as gas lines, exhaust pipes, brake lines, wiring, differential cover, etc.
14. Drive vehicle for a few miles, then recheck for position and tightness, readjust and retorque as needed. Then recheck periodically thereafter.

Maintenance and Inspection:

Your Hellwig Suspension Product is built to last. However, as with all vehicle systems, it requires routine inspection. Inspect your Hellwig installation looking for secure hardware and tight fitting brackets and bushings. If you do not perform this inspection, have your professional mechanic inspect as described.