

Hellwig PRODUCTS.com

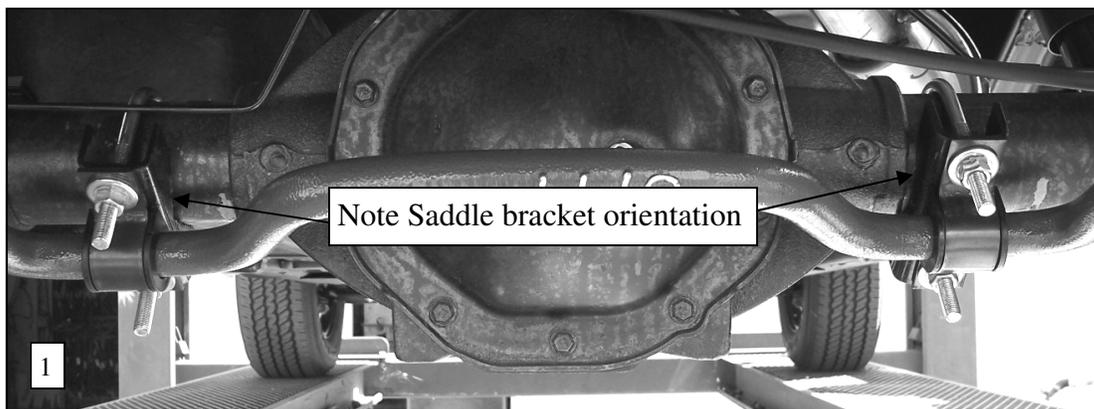
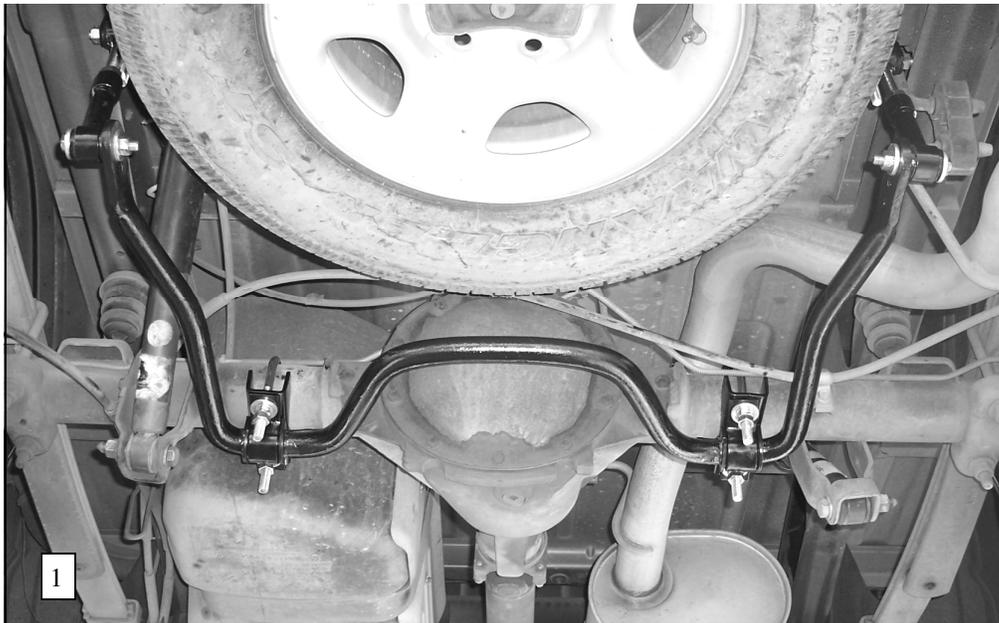
559-734-7451 800-367-5480 FAX 559-734-7460

INSTALLATION INSTRUCTIONS

Rear Stabilizer Bar

Thank you for purchasing a quality Hellwig Product.

PLEASE READ THIS INSTRUCTION SHEET COMPLETELY BEFORE STARTING YOUR INSTALLATION

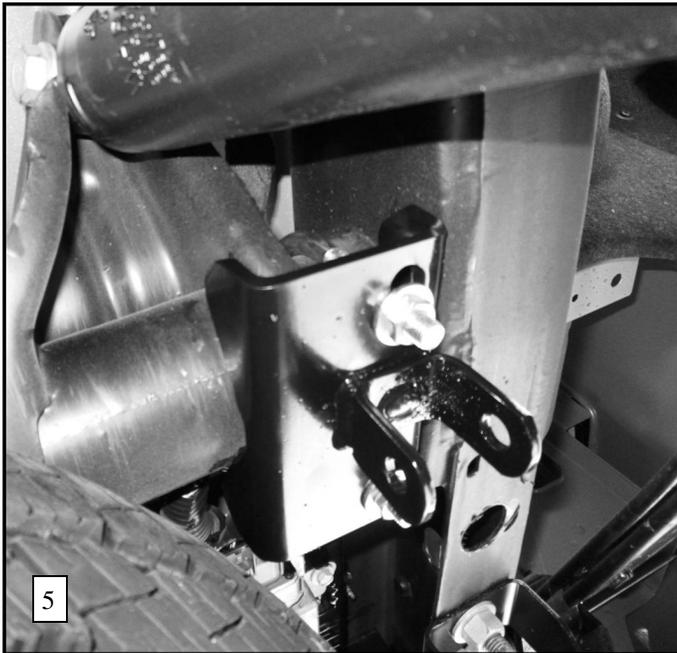
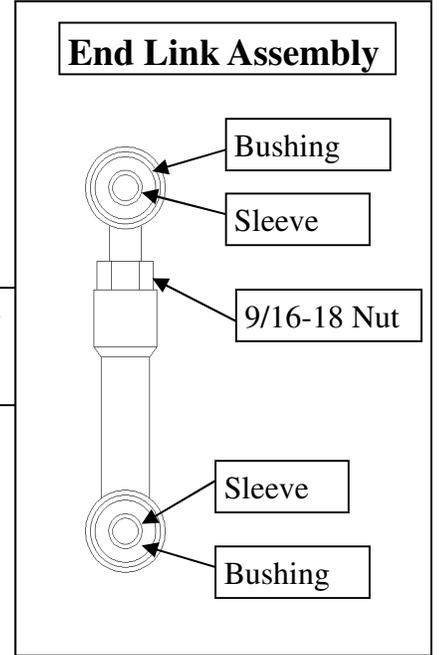
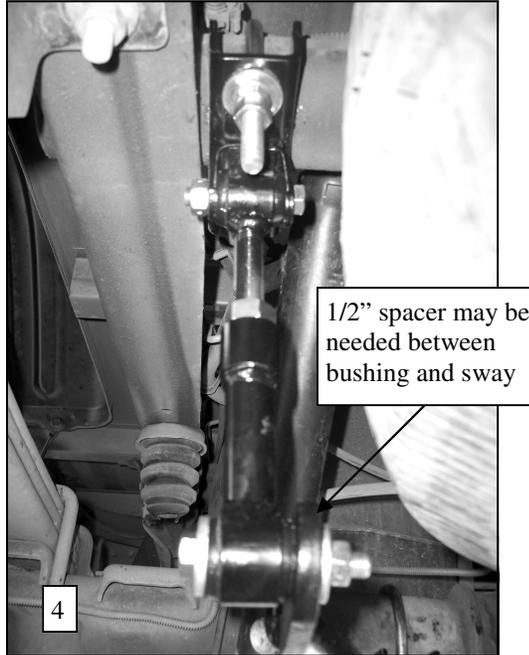


Maintenance and Inspection:

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.

Hellwig PRODUCTS.com

559-734-7451 800-367-5480 FAX 559-734-7460



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.

SAFETY: BEFORE STARTING YOUR INSTALLATION BE SURE TO SET THE EMERGENCY BRAKE AND WHEELS ARE CHOCKED.

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

Helwig PRODUCTS.com

559-734-7451 800-367-5480 FAX 559-734-7460

1. Remove spare tire for ease of installation of sway bar.
2. Lubricate and install the D-shaped poly-bushings onto the flat areas of the bar on each side of the hump area. The hump of the bar should tilt slightly downward as in Photo 1.
3. Relocate the emergency brake cable bracket on the axle using the included plate and 5/16" bolt as in Photo 3.
4. Place the long 1/2" diameter U-bolts on axle inside of the shock mounts. **Make sure U-bolts are under the any brake lines, wires, or hoses on the axle to avoid pinching or crushing when tightening.** The threads should be pointing downward.
5. Place the U-plates onto the bushings mounted on the bar earlier. Place the saddle brackets onto the U-bolts on the axle tubes and attach the U-plates using the flat washers and nuts provided.
6. Rotate the bar on the axle tubes and adjust side to side so the bar is as centered as possible and has clearance around the differential housing as shown in Photo 2.
7. Assemble the hourglass bushings and inner sleeves into the ends of the end-links. Lubricate the bushings and sleeves with supplied lubricant before assembly. See diagram for assembly of end links. **IMPORTANT NOTE - The end link threads are NOT powder coated so that the end links can be threaded together. To prevent corrosion, it is advised to lightly coat the exposed threads with black spray paint after adjusting to desired length.**
8. Place the short set of 7/16" diameter U-bolts around the tubular cross member above the spare tire just inside the frame rails with the legs pointing down.
9. On the driver side, place the wider saddle brackets with the welded U-shaped clevis on to the cross member mounted U-bolts. The saddle bracket will overlap the shock mount on the cross member as shown in Photo 5. Attach with washers and lock nuts loosely.
10. On the passenger side, place the narrower saddle bracket with the welded U-shaped clevis on the U-bolt as shown in Photo 6. Attach with washers and lock nuts loosely.
11. Attach the end-links into the upper clevis brackets with the 7/16X2-1/4" bolts and locknuts provided and let hang. **Leave all mounting hardware loose at this point to allow for adjustment later.**
12. Raise the bar up so the arms are as close to level as possible and attach the lower end-links to the rear-most hole in the sway bar using the 7/16 x 2-3/4 bolts and locknuts. It may be necessary to space the end link away from the bar using the 1/2" spacers and 3-1/4" bolts to keep them vertical as shown in Photo 4. **Adjust the end links so that the arms of the sway bar are as level as possible.**
13. Rotate the U-bolts on the axle and tubular cross member to align the bar so it is as level with the frame as possible and the end-links are straight up and down as possible. **Be sure that the axle and cross member U-bolts are under any brake lines, wires or hoses to avoid pinching or crushing when tightening.**
14. With the bar properly aligned, verify that all vehicle components have proper amount of clearance, and nothing is going to be pinched or crushed when everything is tight. Torque U-bolts to 30-35 ft-lb and all mounting hardware to the specified rates above. Double nut the axle U-bolts.
15. Replace spare tire and bounce the vehicle checking for clearance on all under carriage components – exhaust, shocks, differential, etc. Test drive the vehicle and recheck all clearances and the installation alignment. Adjust as needed. Recheck your installation after one week of driving and periodically on a regular basis.
16. The sway bar arms have three mounting holes. Mounting the sway bar on the outer hole is the nominal position. For firmer settings, use the inner holes. We recommend starting with the outer mounting hole until you are accustomed to the vehicles new handling characteristics. Select the mounting point that best fits your driving style.

ATTENTION INSTALLER: BE SURE CUSTOMER RECEIVES THIS INSTRUCTION SHEET, WARNING CARDS AND THE WARRANTY FORM.