

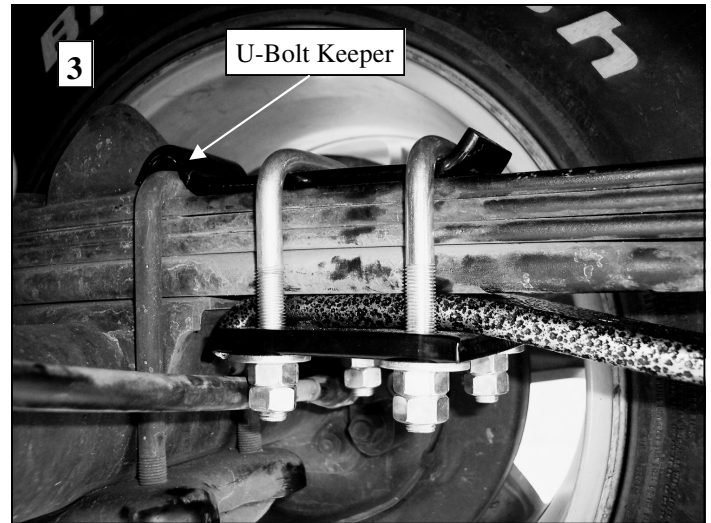
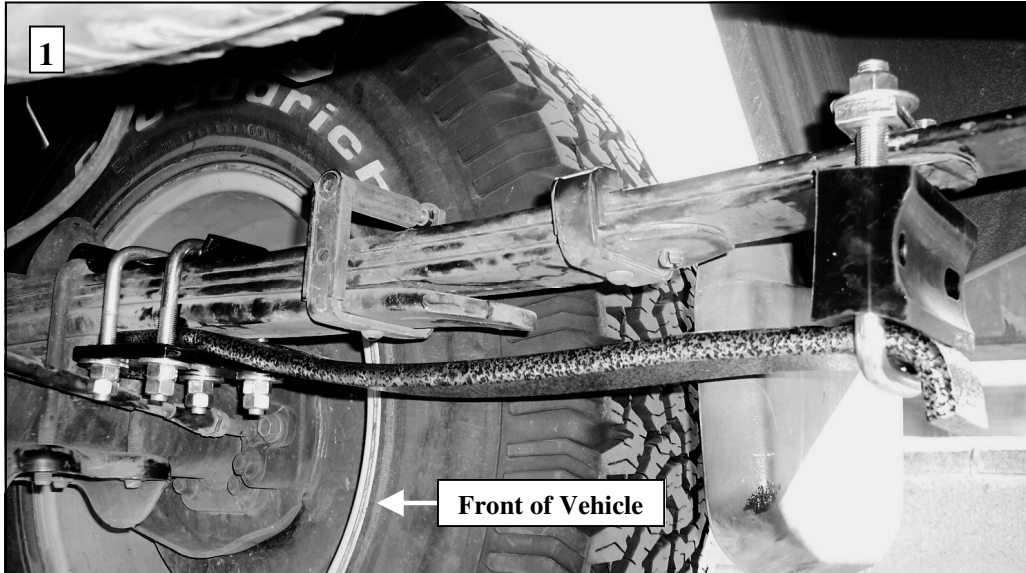
# Hellwig PRODUCTS.com

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

## INSTALLATION INSTRUCTIONS

Thank you for purchasing a quality Hellwig Product.

PLEASE READ THIS INSTRUCTION SHEET COMPLETELY BEFORE STARTING YOUR INSTALLATION



### 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.

**IMPORTANT NOTE: HELLWIG HELPER SPRINGS ARE DESIGNED TO INCREASE THE "LEVEL LOAD" CARRYING CAPACITY OF YOUR VEHICLE. NEVER LOAD THE VEHICLE THAT THIS UNIT IS BEING INSTALLED ON BEYOND THE MANUFACTURER'S MAXIMUM GROSS VEHICLE WEIGHT RATING.**

### 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.

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1. Be sure that the vehicle is on a flat hard surface, use tire blocks and jack stands.
2. For the easiest installation, jack the vehicle up by the frame until the tires are barely touching the ground to allow the suspension to extend.
3. Place the U-bolt keeper over the factory leaf spring U-bolts towards the rear of the vehicle as shown in photos 1 and 3.
4. Use the 7/16" U-bolts over the U-bolt keeper with the five hole plate, washers and 7/16" nuts to attach the leaf spring to the underside of the factory leaf springs as shown in photos 1 and 3. The flat side of the spring goes towards the axle. At this time leave the assembly loose.
5. Squeeze the polyurethane block between the factory spring and top of the Hellwig spring. Use the longer 1/2" U-bolts, cross bars, washers and lock nuts to attach it with the U-bolt legs up as shown in photos 1 and 2. Tighten these until the polyurethane block begins to bulge. Do not over tighten as it can damage the polyurethane.
6. Torque the axle side U-bolts and double nut them.
7. On the front of the spring, place the double leaf on top of the factory spring with the clamped side on the axle side as shown in photo 4.
8. Using the shorter 1/2" U-bolts, cross bars, washers and nuts torque the axle side down, then double nut as shown in photos 4 and 5.
9. Using the longer 1/2" U-bolts, cross bars, washers and nuts, tighten down the frame side of the spring as shown in photo 4 and 6. This side is adjustable so the tighter it is pulled down, the stiffer the spring will be. The maximum adjustment leaves 1" between the bottom of the cup on the Hellwig spring and the top of the factory leaf pack. Double nut after the required adjustment is achieved.
10. Check your installation for clearance to fuel and brake lines, hoses, and wires etc.. Test drive your vehicle and recheck your installation. Recheck on a monthly regular basis thereafter.

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