



## INSTALLATION INSTRUCTIONS

Thank you for purchasing a quality Hellwig Product.  
PLEASE READ THIS INSTRUCTION COMPLETELY BEFORE STARTING YOUR INSTALLATION

**Note: Springs will have a small hole in the end, these are for manufacturing and will not be used in the install**

### TORQUE TABLE

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

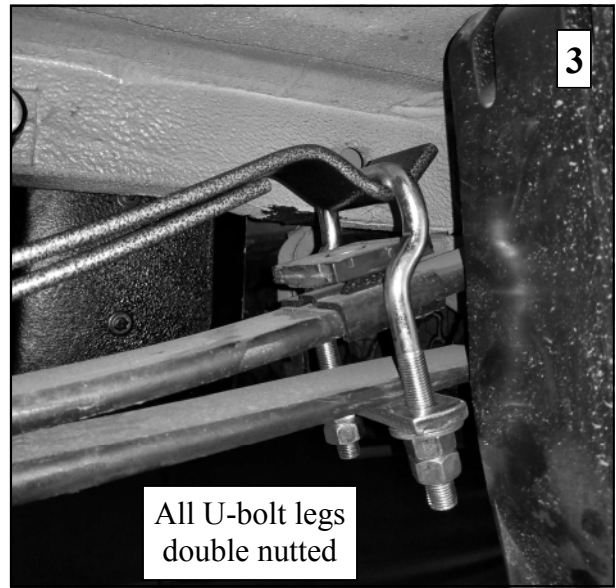
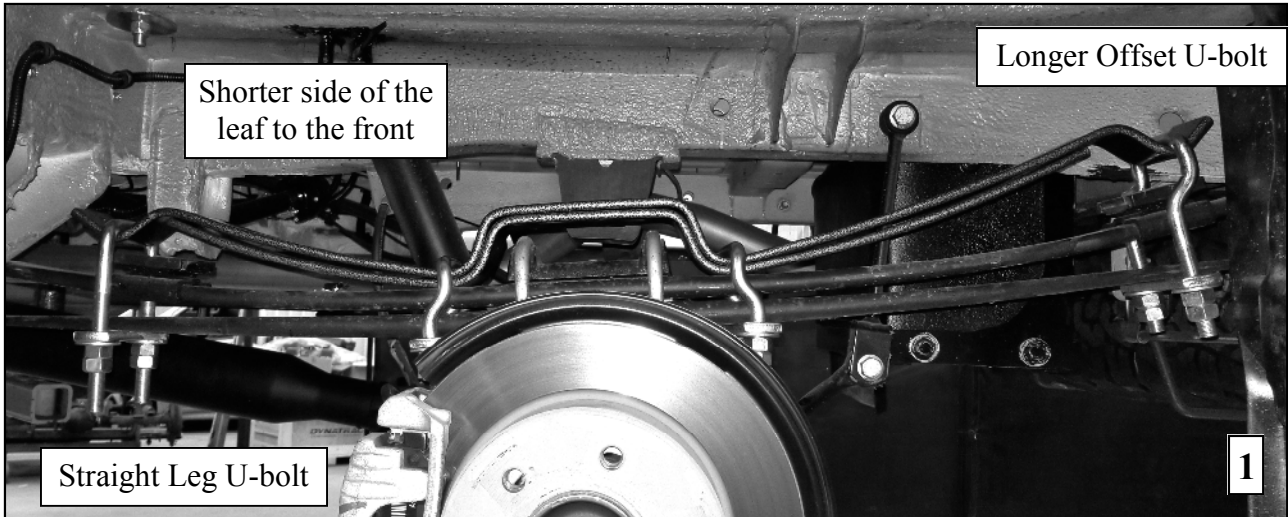
1. Place the longer leaf spring with the cups on each end on top of the matching, shorter leaf to create 2 identical leaf packs with 2 leaves each. Make sure to line the short sides up for the top and bottom leaf
2. Place the Hellwig helper springs on top of the factory leaf pack with the shorter side to the front of the vehicle.
3. Shift the springs forward and backward on the factory leaf pack so the hump clears the factory axle U-bolts and the leaf tips have maximized clearance to the vehicle's body.
4. Install the shorter, offset U-bolts on either side of the spring's hump as shown in Photo 2.
5. Place a cross bar across the legs of the U-bolts and attach using the flat washer and nut on each leg of the U-bolt, keeping the torque on each leg even. Torque to 90 ft-lbs.
6. Place the longer, offset U-bolts in the rear spring cups and use the cross bar, flat washer and nut to attach it in place as shown in Photo 3.
7. Place the straight leg U-bolts in the front spring cups and use the cross bar, flat washer and nut to attach it in place as shown in Photo 1.
8. The helper springs are adjustable, tighten the U-bolt more to increase the load capacity, or loosen it to decrease the stiffness. The U-bolts should always be tight enough so the U-bolt can't rattle in the leaf cup. There should always be at least 1/4" gap between the Hellwig leaf cup and the top of the factory leaf pack.
9. Once the spring is adjusted, double nut all the nuts to lock the adjustment in place.
10. Check the torques on all the bolts and check for clearance between the spring and all undercarriage components.
11. Test drive the vehicle and recheck the installation. Recheck periodically thereafter.

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

### 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



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