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## **INSTALLATION INSTRUCTIONS**

Thank you for purchasing this Hellwig product.

PLEASE READ THIS INSTRUCTION SHEET COMPLETELY BEFORE STARTING YOUR INSTALLATION PROCEDURES.



**TORQUE TABLE, BOLT SIZE:** 

3/8" = 20-30 ft. lbs. -7/16" = 35-45 ft. lbs.  $-\frac{1}{2}$ " = 50-70 ft. lbs. -9/16" = 70-90 ft. lbs. -5/8"=120 ft. lbs.

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

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

NOTE: IF YOUR VEHICLE IS EQUIPPED WITH A BRAKE FLUID PROPORTIONING VALVE ON THE REAR AXLE READ INSERT (R-362)

NOTE: Your spring may have a small hole in the end, this is for our manufacturing process and will not be used.

### NOTE: DO NOT INSTALL THIS UNIT ON ANY VEHICLE WITH PLASTIC COMPOSITE LEAF SPRINGS.

- 1. Jack up the vehicle by the frame until wheels are ready to leave the floor. Lay helper spring on top of the rear half of the vehicles leaf spring.
- 2. Install the U-bolt, crossbar, nuts and washers over the helper spring end nearest to the axle. Install the other U-bolt, crossbar, nuts and washers over the helper spring end nearest to the vehicles spring hanger.
- 3. Tighten the U-bolts nearest to the axle completely. **Be sure to tighten down completely and double nut these U-bolts.**
- 4. Lower the vehicle and adjust the rear U-bolts for height and load. To adjust for more load capacity draw the nuts tighter, loosen to relieve load capacity. Make certain that **double nuts** are used on the U-bolts after each and every adjustment made.
- 5. Double check your installation. Bounce the vehicle and check for clearance on all under carriage components.
- 6. After one week of driving recheck your installation readjusting if necessary. Recheck your installation on a regular basis thereafter.

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