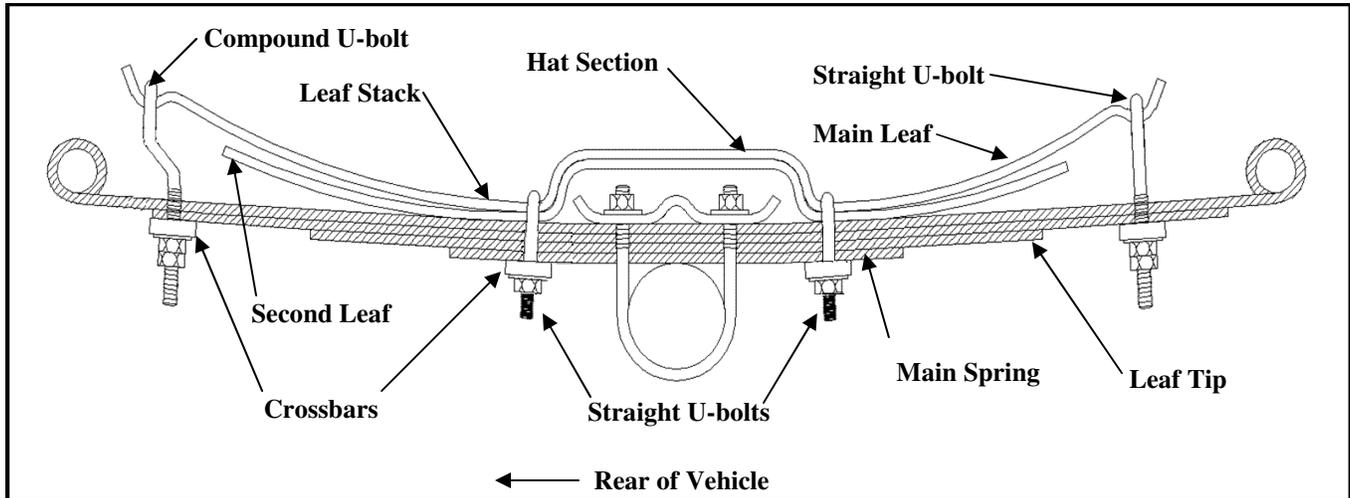


INSTALLATION INSTRUCTIONS

Thank you for purchasing a quality 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. - 1/2" = 50-70 ft. lbs. - 9/16" = 70-90 ft. lbs

SAFETY: PARK YOUR VEHICLE ON A FLAT LEVEL SURFACE, SET THE PARKING AND CHOCK THE FRONT TIRES.

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

IMPORTANT NOTE: IF YOUR VEHICLE IS EQUIPED WITH A FACTORY CONTACT OVER LOAD IT MUST BE REMOVED BEFORE INSTALLING THE NEW HELPER SPRINGS.

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 INSTALLED ON BEYOND THE MANUFACTURER'S MAXIMUM GROSS VEHICLE WEIGHT RATING.

READ THIS INSTRUCTION SHEET COMPLETELY BEFORE STARTING YOUR INSTALLTION

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

1. Lay out the spring leaves into two (2) sets. Each will consist of a main leaf with u-bolt cups and a second leaf without cups. Lay the leaves so that the long ends are all in the same direction. Stack the leaves so that the main leaf is on top. The long end of the spring stack must be installed toward the rear of the vehicle and the short end toward the front.
2. Place the spring stack on top of the main spring with the long end toward the rear of the vehicle.
3. Place the shortest U-bolts with the straight legs on either side of the "Hat Section" of the spring. Install the crossbars using the 1/2" lock nuts and washers. The U-bolt should be fastened as close to the hat section as possible.
4. Install the offset U-bolt with the offset on the spring cup closest to the rear of the vehicle and the straight leg U-bolt towards the front of the vehicle as shown in the diagram. If you are working on 2-1/2" wide springs position the outboard U-bolt leg against the outboard edge of the main spring to maximize brake hose, caliper, and backing plate clearance. Install the crossbar with the washers and nuts to connect to the main spring.
5. Adjust the crossbars on the end of the springs so that the adjacent leaf tip will not make contact with the crossbar when the spring is deflected. It may be necessary to move the spring stack fore or aft for best alignment.

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6. Adjust the U-bolts at the end to desired preload. The minimum tension adjustment is having enough tension on the end U-bolts so that they do not loosen or rattle and move when the vehicle is driven over rough or bumpy surfaces. Maximum adjustment is when the leaf cups have been deflected two (2) inches from their free state. **DO NOT EXCEED THE MAXIMUM ADJUSTMENT OF 2 INCHES.**
7. When adjustment is complete, double nut to lock in adjustment.
8. Check your installation for clearance on all undercarriage components: wires, fuel, brake, and air conditioning lines. Test drive the vehicle and recheck your installation, adjust as needed. Recheck on a monthly basis thereafter.

IMPORTANT NOTE: CHECK YOUR INSTALLATION. ARE ALL NUTS AND BOLTS SECURELY TIGHTENED AND DOUBLE NUTTED WHERE PROVIDED? BOUNCE THE VEHICLE CHECKING FOR CLEARANCE ON ALL UNDERCARRIAGE COMPONENTS, MUFFLERS, GAS FILLER PIPES, BRAKE LINES, EMERGENCY BRAKE CABLE, AIR CONDITIONING LINES, RUBBER BOTTOMING PADS, ETC.

IMPORTANT NOTES, WARNINGS AND TIPS

Before attempting the installation of any Hellwig Accessory Spring, be sure and identify the vehicle to which the accessory spring will be installed as either being or not being equipped with height sensing brake fluid proportioning valve. If a vehicle is equipped with the brake fluid proportioning valve on the rear axle, it is recommended that any Hellwig Full Time Accessory Spring **NOT** be installed. Only the Progressive Rate Accessory Springs are to be installed on these vehicles. Some of the vehicles manufacturers (FORD, GM, DODGE) have recommended an adjustment or modification of the brake system. If the vehicles height or weight requirements have been changed due to the suspension modifications or unusual load situations, contact your local dealer for correct adjustment after installation.

If you have any questions about the application, please contact Hellwig Products Company.

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