

Hellwig

SUSPENSION PRODUCTS

559-734-7451 800-367-5480 TechSupport@HellwigProducts.com

INSTALLATION INSTRUCTIONS Ford Ranger Helper Springs

Thank you for purchasing a quality Hellwig Product.

PLEASE READ THIS INSTRUCTION SHEET COMPLETELY BEFORE STARTING YOUR INSTALLATION



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

IMPORTANT NOTES:

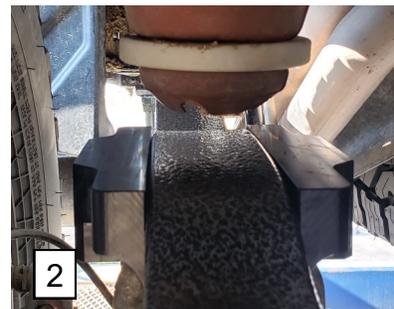
1. YOUR SPRING MAY HAVE A SMALL HOLE IN THE END. THIS IS FOR OUR MANUFACTURING PROCESS AND WILL NOT BE USED.
2. HELLWIG HELPER SPRINGS ARE DESIGNED TO INCREASE THE "LEVEL LOAD" CARRYING CAPACITY OF YOUR VEHICLE. NEVER LOAD THE VEHICLE THAT THIS UNIT IS INSTALLED ON BEYOND THE MANUFACTURER'S MAXIMUM GROSS VEHICLE WEIGHT RATING.

COMPONENTS

- (2) Leafs
- (2) Saddle Bushings
- (4) U-bolts
- (16) Nuts
- (8) Washers
- (4) Crossbars
- (1) Warranty form
- (1) Important note card

STEPS:

1. Place the polyurethane block on top of the factory U-bolts and cast block on top of the Ford leaf pack as shown in Photo 1.
2. Place the Hellwig leaf spring on top of the polyurethane block with the long end toward the rear of the vehicle so the leaf's center hump rests on the block as shown in Photo 2.

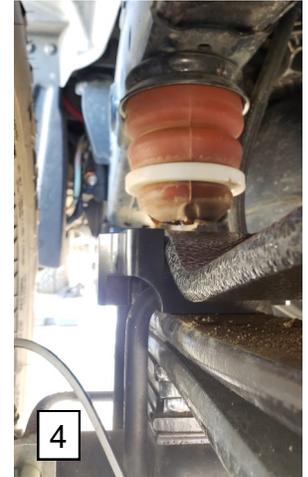


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3. Place the U-bolts in the cups at the ends of the springs as shown in figure 3. Loosely install the crossbars using provided washers & nuts.
4. Adjust the U-bolts to the desired preload. The minimum tension adjustment is having enough tension on 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 inches. Once the U-bolts are adjusted to your preferred rate, double nut the U-bolts to lock in the adjustment.
5. 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 periodic basis 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.

Thank you for purchasing a quality Hellwig Product

Hellwig Products Company, located in Visalia, California was founded in 1946 with solutions for load control of loaded passenger cars. The family operated company produces components for trucks, RVs, muscle cars and military vehicles. Hellwig is ISO9001 certified and is proud to develop, test and manufacture products in the USA.