

Hellwig PRODUCTS

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.

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

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1. Be sure that the vehicle is on a flat, hard surface with the emergency brake on and the front wheels chocked.
2. Put the springs together with the shorter spring underneath the longer spring with the “spring cups” on each end.
3. Remove the U-bolts holding the axle to the factory spring pack on one side. Keep the bump stop to be reinstalled. We recommend doing one side of the vehicle at a time.
4. Lift the vehicle by the frame, allowing the wheels to stay on the ground and the springs to separate from the axle.
5. Remove the center bolt from the factory leaf pack.
6. Place the Hellwig springs on top of the factory leaf pack, line up the center holes and use the included center bolt to hold them all together as shown in Photo 1 and Photo 2. Torque the center bolt. If necessary, you can cut any extra length of the center bolt off with a grinder or a hacksaw.
7. Lower the vehicle back onto the axle, making sure the center bolt head goes into the hole on the spring perch.
8. Use the included 9/16 x 7.5” U-bolts and hardware to reattach the axle to the springs. Make sure to replace the factory bump stop. Torque these to factory specifications. (if your vehicle has a lift block, either reuse the lift U-bolts you removed in step 3 if there is enough thread or you will have to purchase longer U-bolts)
9. Repeat steps 3-8 for the other side of the vehicle.
10. Use the 9/16 x 6” U-bolts on the rear of the vehicle with the legs facing downwards along with the cross bars, nuts and washers as shown in Photo 3. Tighten the U-bolts down and then double nut to hold in place. The tighter the U-bolts are, the more load the springs will support. The minimum distance between the bottom of the Hellwig spring cup and the factory spring is 1 inch. Adjust to your needs.
11. Use the 1/2 x 3.83” U-bolts towards the front of the vehicle. Slide a sleeve tube over both legs, use a C-clamp to pull the spring tip down to allow the U-bolts to slide over the springs and then install the U-bolts with the legs facing out towards the tire. Use the cross bar, washers and stover lock nuts to hold in place.
12. Bounce the vehicle and 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 regular basis thereafter.