



## P/N 12621HKR SUPER COMPETITION LS ENGINE SWAP MOUNT KIT CHEVROLET/GMC APPLICATIONS USING CLAMSHELL STYLE MOUNTS



### 12621HKR (MOVES TRANSMISSION 1.25" FORWARD AND .5" UP FROM STOCK LOCATION)

Thank you for making HOOKER HEADERS your engine swap mount choice! Extensive time and research has enabled HOOKER to offer the most options in engine swap mounts.

**NOTE:** This 12621HKR engine swap mount kit is designed to locate a GEN III/IV (LS Based) engine so that the transmission bellhousing is located 1.25" forward from its original position when installed with a standard small block Chevy engine using stock clamshell style mounts.

**NOTE:** Due to the engineered raising of the engine by .5", the rear pinion angle may need to be modified if increased drivetrain vibration is experienced after installation.

**NOTE:** Use only small block Chevy frame mounts. Big block mounts will not work.

**NOTE:** Worn rubber and solid isolator mounts should be replaced to ensure proper fit of the headers and other engine components that you may be installing.

**NOTE:** Isolator mounts are not included in this kit, due to the variations between vehicle applications.

#### **TIPS FOR ENGINE SWAP**

1. Mark all hoses, wires, and vacuum lines, according to function. Use masking tape and a pen to achieve this.
2. Whenever possible, utilize the existing wiring and lines.
3. Get a wiring diagram of your vehicle and one for the vehicle from which the new motor was removed. Make photocopies of both systems. Add your modifications to these copies, so you will have an accurate record.
4. The engine must be the same year or newer than the vehicle and must be from the same type of vehicle (passenger car, light-duty truck, heavy-duty truck, etc.), based on gross vehicle weight. Failure to follow these requirements may cause you legal difficulties, especially when you try to sell the vehicle.
5. The donor engine emission system must be reinstalled with the engine in its entirety. This includes all exhaust, crankcase and evaporative emissions devices.
6. Save as much hardware that is removed from the vehicle as possible, you may need some items later on.
7. Do the job right; taking short cuts is not saving time, if you have to do it again. Make sure you pay close attention to critical areas like fuel systems and brake lines. These could have life and death consequences, if ignored.
8. Do not overstress components that are designed for stock four or six cylinder torque by over-abuse with a motor of greater horsepower.

#### **BEFORE STARTING**

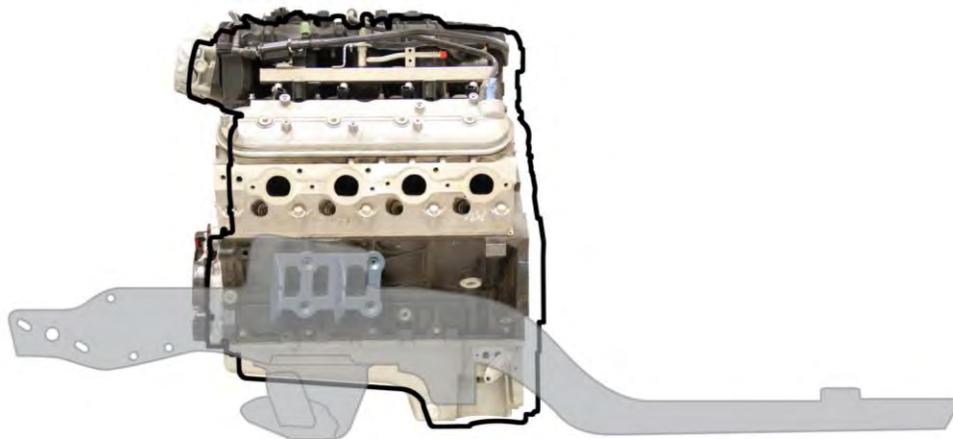
Your vehicle must be raised a minimum of 36 inches. A floor hoist is ideal. If no hoist is available, we strongly urge the use of axle stands as a safety measure. **CAUTION! YOUR CAR SHOULD NOT BE SUPPORTED ON A BUMPER JACK.**

#### **INSTALLATION PROCEDURE – PLEASE READ CAREFULLY**

1. Disconnect the battery, remove the hood, and mark all wires, hoses, cables, lines, and linkages. Remove the engine, transmission, front motor mounts, and transmission crossmember.
2. Bolt the plates to the engine using the flat head bolts provided and torque to factory specifications. See the **Figure on page 2** for proper orientation of mount plates.
3. Install the engine and transmission into the vehicle and slowly lower the engine onto the engine mounts. Lower the engine just enough to align the holes in the brackets with the mating holes in the stock rubber mounts; install the long coupling bolts through both mounts. Lower the engine completely and install the nuts onto the long coupling bolts and then fully tighten.
4. Complete the installation of all components relevant to the swapped engine.
5. Hook up all wires, hoses, cables, and linkages. Check to see that adequate clearance exists between all wires and brake lines. Check all bolts for tightness.

When finished, give your vehicle a test drive, checking carefully for any new noises. After several days of driving, retighten all the bolts.

Any questions? Please contact Technical Service: 1-866-GOHOLLEY or 270-781-9741. For online help, please refer to the website: [www.holley.com](http://www.holley.com).



### **Motor Mount Orientation**

#### **LIMITATION OF LIABILITY – DISCLAIMER:**

The regulation of emissions production, noise levels, and safety standards is undertaken by the federal government, each of the fifty state legislatures, and by many local municipalities, towns, and counties.

HOKKER makes no warranties of merchantability, of fitness for particular purpose, or that its products are approved for general use, or that its products are approved for general use, or that its products comply with laws, regulations, or ordinances in the state where they may be sold to the ultimate purchaser, the consumer.

Unless expressly stated to the contrary in the catalog, instruction sheet; or price list, the entire risk as to the conformity of any company product in any such state and as to repair should the product prove to be defective or non-conforming, is on the retail purchaser, the buyer, the ultimate consumer, of such product and it is not upon the seller, distributor, or manufacturer.

In this connection, the retail purchaser, the buyer, the ultimate consumer assumes the burden of the entire cost of any and all necessary service, alterations, or repair.

#### **THE FOREGOING STATEMENT LIMITS THE LIABILITY OF THE MANUFACTURER.**

California vehicle code, sections 27156 AND 38391, prohibits the advertising, offering for sale, or installation of any device, which modifies a vehicle's emission control system, unless exempted, unless otherwise noted. HOKKER Headers have not received an exemption from these code sections and are to legal for sale or use in California on vehicles originally equipped with catalytic converters, it is illegal, except for racing vehicles, which may never be driven upon a highway. To remove or otherwise render inoperative any emission control device on the regulated motor vehicles – check catalog listings to ensure proper application in the other 49 states, unless otherwise noted, HOKKER Headers are not legal for pollution-controlled motor vehicles, except for racing vehicles, which may never be used upon a highway and are not intended or applicable for highway use.

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**Date: 12-17-10**