



## M-9430-E462/E463 4.6L 2V Exhaust Manifold Kit INSTRUCTION SHEET

NO PART OF THIS DOCUMENT MAY BE REPRODUCED WITHOUT PRIOR AGREEMENT AND WRITTEN PERMISSION OF  
FORD RACING PERFORMANCE PARTS

Please contact the Tech "Hot Line" for the most current instruction information (586) 468-1356

**!!! PLEASE READ THE FOLLOWING INSTRUCTIONS CAREFULLY PRIOR TO INSTALLATION !!!**

### OVERVIEW:

This kit is designed for the use in 1996-02 4.6L-2V Mustangs and will bolt up to a stock exhaust system. The use of a floor hoist is recommended. If you do not have access to one, use a hydraulic floor jack and jack stands to raise the vehicle.

**!!! CAUTION: JACK STANDS MUST BE USED ON A LEVEL SURFACE AND BE SECURELY SEATED.  
FAILURE TO DO SO MAY RESULT IN PERSONAL INJURY OR VEHICLE DAMAGE !!!**

### INSTALLATION INSTRUCTIONS:

**!!! PERFORM THE FOLLOWING WORK ON A COLD VEHICLE ONLY !!!**

- STEP 1:** Disconnect battery.
- STEP 2:** Disconnect HEGO sensor from catalytic converter and retain for re-installation.
- STEP 3:** Remove catalytic converters and cross-over pipe as an assembly. Removal of mufflers is not necessary.

#### **Passenger Side**

- STEP 4:** Remove starter.
- STEP 5:** Remove exhaust manifold nuts and lower front stud.
- STEP 6:** Support engine with jack and remove motor mount bolts.
- STEP 7:** Raise the engine approximately 1-1/2". Check engine clearance to adjacent parts while raising the engine.
- STEP 8:** Remove exhaust manifold and gasket and then remove remaining studs.
- STEP 9:** Install new exhaust manifold and gasket.
- STEP 10:** Install provided bolts and tighten. Torque to 15-20 ft./lbs.

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Factory Ford shop manuals are available from Helm Publications, 1-800-782-4356

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**STEP 11:** Lower engine back into place. **TIGHTEN MOTOR MOUNT BOLTS.**

**STEP 12:** Re-install starter (consult a Ford shop manual for proper procedure).

**Driver Side**

**STEP 13:** Disconnect EGR tube at the exhaust manifold.

**STEP 14:** Loosen bolt on steering shaft collar at the rack, separate collar from rack by prying shaft backward and place shaft out of the way.

**STEP 15:** Remove dipstick tube.

**STEP 16:** Remove exhaust manifold nuts.

**STEP 17:** Remove exhaust manifold and gasket and then remove studs.

**STEP 18:** Install two (2) provided studs in exit flange of manifold.

**STEP 19:** Install new manifold and gasket. Note: The dipstick tube needs to be re-installed between the exhaust flange and the engine block prior to the installation of the manifold.

**STEP 20:** Install provided bolts and tighten. Torque to 15-20 ft. lbs.

**STEP 21:** Re-install the steering shaft and tighten the bolt on the collar.

**STEP 22:** Attach the EGR tube to the exhaust manifold.

**STEP 23:** Re-install catalytic converter assembly. Use two (2) provided bolts on the passenger side and two (2) provided nuts on the driver side to fasten the assembly of the manifolds. Use of anti-seize is strongly recommended.

**STEP 24:** Reconnect HEGO sensors.

**STEP 25:** Re-connect battery.

**STEP 26:** Start engine and test for leaks.

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