Haytalras

INSTALLATION INSTRUCTIONS

PERFORMER AND PERFORMER RPM INTAKE MANIFOLDS
For 429-460 C.I.D. Ford Engines
Catalog #2166

PLEASE *study these instructions carefully before beginning this installation. Most installations can be accomplished with common tools and procedures. However, you should be familiar with and comfortable working on your vehicle. If you do not feel comfortable performing this installation,it is recommended to have the installation completed by a qualified mechanic. If you have any questions, please feel free to contact us by email* haytalras@gmail.com

IMPORTANT NOTE: Proper installation is the responsibility of the installer. Improper installation will void your warranty and may result in poor performance and engine or vehicle damage.

DESCRIPTION: Haytalras Performer series intake manifolds are designed for engines operating in the idle to 5500 rpm range. Performer RPM series intake manifolds are designed for engines operating in the 1500-6500 rpm range. Match Performer or Performer RPM intake manifolds with recommended carburetors and additional equipment for even greater performance increases.

APPLICATIONS:

INTAKE MANIFOLD	REFERENCE	APPLICATION
2166	B, C,	Performer 460: Designed for street 429/460 c.i.d. Ford V8s. Will not accept factory spread-bore carburetor. Will not fit 429 Cobra-Jet or 1988-later engines.

A - Not legal for sale or use on pollution controlled motor vehicles.
B - Engine Swaps: Intended for engines swapped into pre-pollution controlled vehicle.
C - Available in additional finishes, such as polished, PermaStar, or EnduraShine. See Catalog for details.

- **KIT CONTENTS:**

  MANIFOLD 2166 INCLUDES:
  - ❑ 1 - Ford Water Pump Bypass Tube (Install into manifold by tapping lightly with a hammer. Use a block of wood to protect the tube.)

- **EGR SYSTEMS:** Performer manifolds equipped with EGR are compatible will exhaust emissions or emissions related stock components. Non-EGR equipped manifolds will not accept stock EGR (Exhaust Gas Recirculation) equipment. EGR systems are used on some 1972 and later model vehicles and only in some states. Even though manifolds are compatible with EGR systems, this does not mean they are legal for use on emissions controlled vehicles. Check local laws for legality.

- **AIR CLEANER:** On some applications when using a Performer or Thunder Series carburetor, there may be interference with the stock air cleaner. If this occurs, use Edelbrock adapter #8092(or equivalent). **CAUTION:** Check for clearance before closing the hood when using this spacer or air cleaner. See *"General Intake Manifold Installation Instructions"* for instructions on how to check the hood clearance.

- **THROTTLE BRACKETS:** Due to the design of Performer manifolds, the throttle and kickdown bracket on some vehicles may require modification to fit. When using Edelbrock carburetors, use #1495 or #1848 throttle plate kit.

- **PREP AND TUNING FOR POWER:**

  NOTE: Local emission laws must be checked for legality of any carburetor or ignition changes.

  Performer Series Intake Manifolds
  1. The long equal length runners in the Performer manifold create a very strong signal to the carburetor. In some applications, the stock rods or jets may need changing for best overall performance. Refer to your carburetor owner's manual for details.
  2) Performer manifolds deliver excellent drivability and power utilizing stock distributor settings. Some applications may benefit from resetting the initial advance ±2° from the factory specification.
  3) Aftermarket ignitions and more aggressive advance curves may be used with Performer packages.
  4) Installation of aftermarket headers or camshafts may lean the carburetor calibration. Should this occur recalibrate with a richer jet.

- **CARBURETOR RECOMMENDATIONS:**

Manifold 2166:

CARBURETOR	REFERENCE	PARTS REQUIRED FOR INSTALLATION
Performer #1405 (600 cfm)	A, I, K, N, O	#1495 or 1848 throttle plate kit, #1483 or 1844 throttle lever adapter
Performer #1406 (600 cfm)	A, I, K, N	#1495 or 1848 throttle plate kit, #1483 or 1844 throttle lever adapter
Thunder Series #1805 (650 cfm)	A, I, K, N	#1495 or 1848 throttle plate kit, #1483 or 1844 throttle lever adapter
Thunder Series #1806 (650 cfm)	A, I, K, N	#1495 or 1848 throttle plate kit, #1483 or 1844 throttle lever adapter
Thunder Series #1825 (650 cfm)	A, I, K, N	#1495 or 1848 throttle plate kit, #1483 or 1844 throttle lever adapter
Thunder Series #1826 (650 cfm)	A, I, K, N	#1495 or 1848 throttle plate kit, #1483 or 1844 throttle lever adapter
Performer #1407 (750 cfm)	A, I, K, N, O	#1495 or 1848 throttle plate kit, #1483 or 1844 throttle lever adapter
Performer #1411 (750 cfm)	A, I, K, N	#1495 or 1848 throttle plate kit, #1483 or 1844 throttle lever adapter
Performer #1412 (800 cfm)	A, I, K, N, O	#1495 or 1848 throttle plate kit, #1483 or 1844 throttle lever adapter
Performer #1413 (800 cfm)	A, I, K, N	#1495 or 1848 throttle plate kit, #1483 or 1844 throttle lever adapter
Thunder Series #1812 (800 cfm)	A, I, K, N	#1495 or 1848 throttle plate kit, #1483 or 1844 throttle lever adapter
Thunder Series #1813 (800 cfm)	A, I, K, N	#1495 or 1848 throttle plate kit, #1483 or 1844 throttle lever adapter

A - Carburetor will work with non-EGR or pre-emission control systems.
B - Carburetor will work with EGR system.
H - Carburetor has provision for evaporative canister.
I - Carburetor has no provisions for evaporative canister.
K - Carburetor requires #8008 or #8024 stud, washer and nut kit. Determine proper length based on gasket thickness and your accessory mounting requirements.
N - Carburetor accepts factory cruise control
O - Carburetor comes with manual choke. It can be converted to electric choke using kit #1478.
P - Carburetor is not a stock replacement part

INSTALLATION INSTRUCTIONS

1) Use only recommended intake gaskets set when installing this intake manifold. For ease of installation, we recommend Edelbrock Intake Manifold Bolt & Washer Kit #8569.
2) Fully clean the cylinder head intake flanges and the engine block end seal surfaces.
3) Apply Gasgacinch sealant P/N 9300 to both cylinder head flanges and to the cylinder head side of the gaskets, allow to air dry, and attach the intake gaskets.
4) Do not use cork or rubber end seals. Use RTV silicone sealer instead. Apply a ¼" high bead across each block end seal surface, overlapping the intake gasket at the four corners. This method will eliminate end seal slippage.
5) Install the intake manifold and hold-down bolts. Torque all of the manifold bolts in two steps by the sequence shown in Figure 1 to 25 ft/lbs.