



# PERFORMER 351-4V & PERFORMER 351-2V INTAKE MANIFOLDS

## For 351 C.I.D. Ford Cleveland V8 Non-EGR Engines

### Catalog #2665, 2750

## INSTALLATION INSTRUCTIONS

**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 call our **Technical Hotline at: 1-800-416-8628**, 7:00 am - 5:00 pm, Pacific Standard Time, Monday through Friday or e-mail us at [Edelbrock@Edelbrock.com](mailto:Edelbrock@Edelbrock.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:** The Performer 351-4V intake manifold #2665 is designed for street performance Ford 351-C and Boss 351 engines originally equipped with a 4-barrel carburetor and 4-V cylinder heads. Performer 2-V intake manifold #2750 is designed to fit Ford 351-C engines originally equipped with a 2-barrel carburetor and 2-V cylinder heads, and provides improved performance for these engines by accepting a 4-barrel carburetor. Manifolds will not fit Boss 302 engines, or accept a factory Motorcraft spread-bore carburetor. Valley width measures 6-31/32".

**KIT CONTENTS:** Install kit provided with #2750 only. #2665 includes the intake manifold only.

- 1 Choke block-off plate, 351C/351W
- 1 Choke block-off plate, 351W
- 2 5/16-18 x 3" hex cap screws
- 2 5/16" AN washers

**ACCESSORIES & INSTALLATION ITEMS:** Major recommendations are listed below. See our catalog for details. **To order a catalog, call (800) FUN-TEAM**, or visit [www.edelbrock.com](http://www.edelbrock.com).

**EGR SYSTEMS:** Intake manifold will not accept stock EGR (Exhaust Gas Recirculation) equipment. EGR systems are used on most 1972 and later model vehicles. Check local laws for requirements.

### CARBURETOR RECOMMENDATIONS:

CARBURETOR	CHOKE TYPE	PARTS REQUIRED FOR INSTALLATION
<b>Thunder Series #1405 (600 CFM)</b>	Manual	#1483 or #1844 Ford Throttle Lever Adapter (For Auto Transmission)
<b>Thunder Series #1406 (600 CFM)</b>	Electric	#1483 or #1844 Ford Throttle Lever Adapter (For Auto Transmission)
<b>Thunder Series #1805 (650 CFM)</b>	Manual	#1483 or #1844 Ford Throttle Lever Adapter (For Auto Transmission)
<b>Thunder Series #1806 (650 CFM)</b>	Electric	#1483 or #1844 Ford Throttle Lever Adapter (For Auto Transmission)
<b>Performer Series #1407 (750 CFM)</b>	Manual	#1483 or #1844 Ford Throttle Lever Adapter (For Auto Transmission)
<b>Performer Series #1411 (750 CFM)</b>	Electric	#1483 or #1844 Ford Throttle Lever Adapter (For Auto Transmission)
<b>Performer Series #1412 (800 CFM)</b>	Manual	#1483 or #1844 Ford Throttle Lever Adapter (For Auto Transmission)
<b>Performer Series #1413 (800 CFM)</b>	Electric	#1483 or #1844 Ford Throttle Lever Adapter (For Auto Transmission)
<b>Thunder Series #1812 (800 CFM)</b>	Manual	#1483 or #1844 Ford Throttle Lever Adapter (For Auto Transmission)
<b>Thunder Series #1813 (800 CFM)</b>	Electric	#1483 or #1844 Ford Throttle Lever Adapter (For Auto Transmission)

**NOTES:** Carburetor size (CFM) should be selected based on your specific engine combination. Consult your engine builder or contact our Technical Hotline at: 1-800-416-8628 for assistance. Carburetors require a #8008 or #8024 stud, washer and nut kit; determine proper length based on gasket thickness and your accessory mounting requirements (See catalog for details). If a manual choke Performer Series Carburetor is used and electric choke is desired later on, Performer Series carburetors can be converted to electric choke using Electric Choke Kit #1478. Manual choke Thunder Series carburetors **CAN NOT** be converted to electric choke.

**GASKETS:** Do not use competition style intake gaskets for this street manifold. Due to material deterioration over time, internal leakage of vacuum and oil may occur.

BASEPLATE	REFERENCE	RECOMMENDED GASKET
2665	4V Cyl Heads	Fel-Pro 1228
2750	Edelbrock or 2V OEM Cyl Heads	Edelbrock #7265 Port: 1.52" x 2.16", .060" Thickness

**NOTE: To ensure maximum performance and a proper seal, Edelbrock gaskets which are specifically designed and manufactured for use with Edelbrock parts must be used.**

**CAMSHAFT AND HEADERS:** Performer series intake manifolds are compatible with aftermarket camshafts and headers designed to operate in the idle-5500 RPM range. Edelbrock offers a dyno-matched, street proven camshaft; Performer-Plus #2172. Header primary tube diameter should be 1-5/8" depending on your specific engine combination.

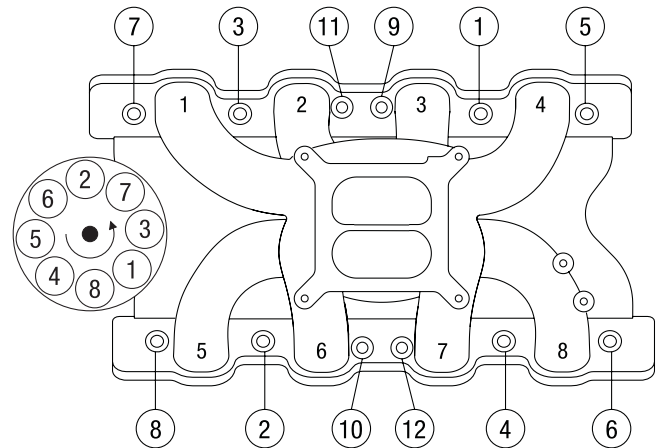
**PREP AND TUNING FOR POWER:**

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

1. Aftermarket ignition advance kits may be used with Performer series manifolds.
2. Use modified or high performance cylinder heads such as our Performer RPM series.
3. Installation of aftermarket headers, camshafts or both with an Edelbrock Performer series manifold may require additional tuning.

**INSTALLATION PROCEDURE**

1. Use only recommended intake gaskets set when installing this intake manifold.
2. Fully clean the cylinder head intake flanges and the engine block end seal surfaces.
3. Apply Edelbrock 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 1/4" 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 18-20 ft/lbs.



**Figure 1 - Manifold Bolt Tightening Sequence**  
**Torque all bolts to 18-20 ft./lbs. in Sequence Shown**  
**Firing Order - 1-3-7-2-6-5-4-8**  
**Turn Distributor Clockwise to Advance Timing**

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