



**EFI Victor Jr. 4.6L Intake Manifold**  
**For 4.6L SOHC Ford V8**  
**Catalog #28385**  
**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:** This intake manifold is designed to allow the use of aftermarket EFI on a Ford 4.6L Modular Single Overhead Cam engine. This will eliminate the use of the OEM fuel injection system and is intended for longblocks that have been installed in early model or custom vehicles. A fuel rail kit for this manifold is sold separately as part #3639.

**KIT CONTENTS:**

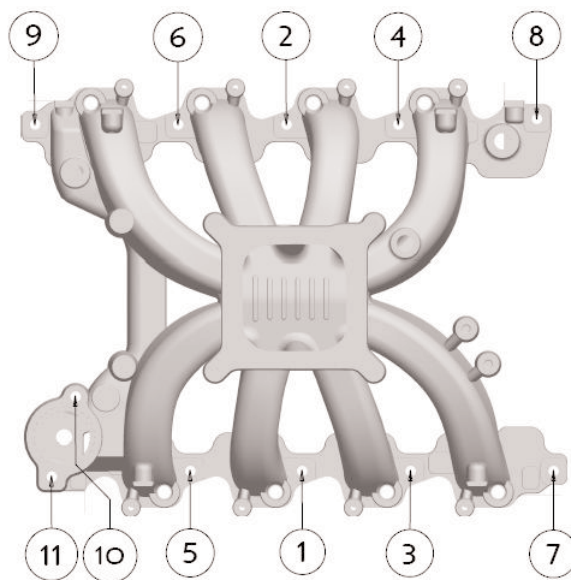
- ☐ 1 Victor Jr. Intake Manifold
- ☐ 1 Fitting; 3/8 NPT to 3/4" hose
- ☐ 1 Plug; 3/8 NPT
- ☐ 8 Bolt; M6 x 1.0 x 30mm hex flange head

**INSTALLATION PROCEDURE**

**NOTE:** This intake manifold is not designed for use in street driven vehicles equipped with the 4.6L engine. It is primarily intended to be used on race cars that require air and fuel in excess of what the factory fuel injection system and manifold are capable of supplying. These installation instructions do not attempt to cover the steps necessary to convert a vehicle to aftermarket fuel injection, they only cover what is needed to install this intake on a properly prepared longblock.

**MANIFOLD INSTALLATION:**

1. Use only the recommended OEM intake gaskets with this manifold.
2. Fully clean the intake manifold and cylinder head flanges. No sealants or adhesives are necessary.
3. Install the manifold on the block. Lightly coat the manifold bolts with 30W motor oil then gently thread them into the heads to hold the intake in place. Do not apply any torque to the bolts at this time.
4. Install the thermostat and allow it to drop into the machined recess. The o-ring supplied with the thermostat should then be pressed in and compressed by the thermostat housing.
5. The manifold bolts (including the thermostat housing bolts) can now be tightened according to the torque sequence (**See Figure 1**).



**Figure 1 - Torque Sequence**  
**Torque manifold bolts to 15-20 ft/lbs.**



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