



VICTOR EFI CHEVY MANIFOLD
Small Block Chevy V8
Catalog #29785 & #29786
INSTALLATION INSTRUCTIONS

- **PLEASE** study these instructions before installing your new Victor EFI manifold. If you have any questions or problems, do not hesitate to contact our **Technical Hotline at: (800) 416-8628** from 7:00 am to 5:00 pm, Monday through Friday, Pacific Standard Time or **e-mail us at: edelbrock@edelbrock.com**. Please fill out and mail your warranty card.
- **MANIFOLD:** This manifold is designed for competition vehicles only! The Edelbrock Small Block Chevy Victor EFI intake manifold is designed with a large and deep plenum, giving maximum power in the higher rpm range for engines with standard port locations and 23° cylinder heads. This manifold is not intended nor legal for street use on pollution-controlled vehicles. It is the responsibility of the end user to verify conformity to a particular racing association's rules regarding manifold dimensions, aligning to a template, etc.
- **ACCESSORIES & INSTALLATION ITEMS:** Due to the variety of applications additional equipment may be required for your specific application.

ITEM	NOTES	PART NUMBER
Throttle Body	Standard Square-Bore Style Base	P/N 3878 - With standard GM/Delphi IAC P/N 38783 - With Mototron/Hitachi Linear Style IAC
Fuel Rail Kit		P/N 3630 - Includes Hold Down Brackets
Intake Gasket	Ports are 1.28" x 2.09", .060" Thick	P/N 7201

- **FUEL RAIL KIT:** Edelbrock 3630 - Small Block Chevy Victor EFI Fuel Rail Kit
Kit includes the following:
 - ☐ 2 - Machined Fuel Rail Extrusions (fuel rail ends tapped for 3/8" pipe)
 - ☐ 4 - Tall Version Fuel Rail Bracket Stands (2.65" o-ring spacing)
 - ☐ 4 - 1/4-20 x 1/2" Socket Head Bolts
 - ☐ 4 - 1/4-20 x 1-1/4" Hex Head Bolts
 - ☐ 8 - 1/4" Flat Washers
 - ☐ 4 - 1/4" Lock Washers
 - ☐ 4 - 1/4-20 Hex Nuts
- **INJECTOR WARNING:** It is important to select the appropriate electronic injectors for optimum performance. The injectors must not only match the fuel demands of an engine, but they must also meet the electronic requirements of the engine control unit (ECU). Make sure when installing the injectors onto the manifold that the o-rings of the injectors create a complete seal to prevent any air or fuel from leakage. The same precaution should be applied when assembling the injectors to the fuel rails.
- **PORT MATCH:** Depending on engine build, the intake runners may require port matching to the cylinder head port size. Any sharp edges left from port runner enlargement should be radiused and smoothed back into the runner.

INSTALLATION PROCEDURE

1. Use Edelbrock #7201 Intake Gasket 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 PN 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 (we offer an intake manifold bolt kit PN 8504 that includes small head silver Cadmium-plated bolts and matching hardened washers). Apply a small amount of silicone to the threads of the eight inner bolts (1, 2, 3, 4, 5, 7, 9 & 11 in Fig. 1) to prevent oil weepage, as generally these are not blind holes in the cylinder head. Torque all of the manifold bolts in two steps by the sequence to 25 ft/lbs. (see Fig. 1).
- **FINAL CHECKS:** After assembling the injectors, fuel rails, support brackets, throttle body, spacer (if needed), gaskets, and air cleaner, check the following:
 - ☐ Have an assistant depress and release the gas pedal. Check for full open throttle at the throttle body. Check for any possible interference of the throttle with other components. Make sure the throttle can return without binding.
 - ☐ Check the fit of each injector. They should be able to rotate freely. The O-rings should be fully inside their respective bores.
 - ☐ If applicable, make sure there will be enough hood clearance after the air cleaner has been installed.
 - ☐ Activate the fuel pump and fully check the system for any leaks prior to starting the engine.

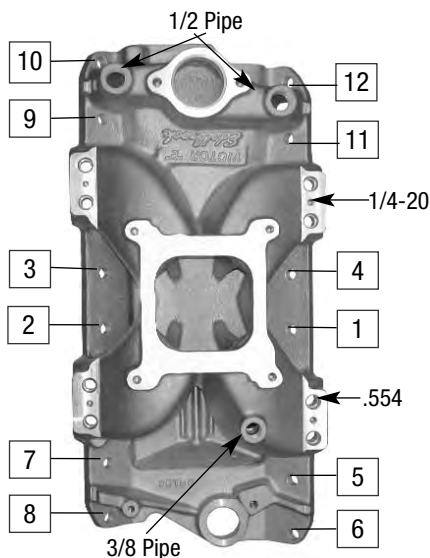


Fig. 1 - Torque Sequence

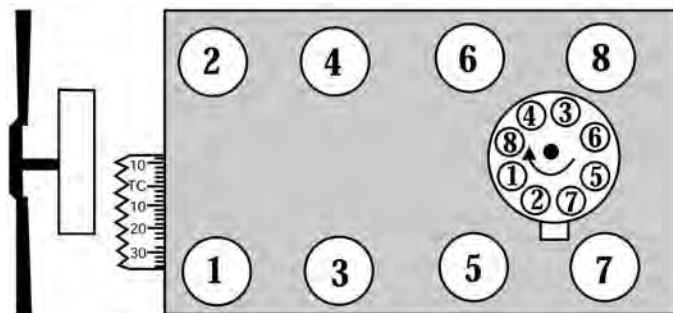


Fig. 2 - Small Block Chevy Firing Order

1-8-4-3-6-5-7-2

Turn Distributor Counter-Clockwise to Advance Timing

Edelbrock Corporation • 2700 California St. • Torrance, CA 90503
Tech-Line: 800-416-8628 • E-Mail: Edelbrock@Edelbrock.com