



VICTOR BIG BLOCK CHRYSLER EFI INTAKE MANIFOLD
 for 413-440 Chrysler (RB)
 Catalog #29545 & #29546
 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.

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

PLEASE complete and mail your warranty card. Be sure to write the model number of this product in the "Part #____" space. THANK YOU.

DESCRIPTION: The Edelbrock Super Victor 29545 EFI intake manifold holds all the same qualities as a 2954 manifold, with the addition of machined vertical injector bosses. The bosses are located on top of the runners for optimum port fuel injection. The 2954 manifold was designed for 413-426-440 c.i.d. Chrysler V8s. The runner design delivers maximum power from 3500-7500 rpm. The 29545 is an intake manifold only. The 29546 includes a Fuel Rail Kit.

NOTE: This manifold is not intended, nor legal, for street use on pollution-controlled vehicles. Furthermore, It is the responsibility of the end-user to verify conformity to any particular racing association's rules regarding manifold dimensions, aligning to a template, etc.

- **ACCESSORIES & INSTALLATION ITEMS:** Major recommendations are listed below. However, due to the variety of applications, additional equipment may be required for your specific vehicle than mentioned in these instructions.

ITEM	NOTES	PART NUMBER AND DESCRIPTION
Throttle Body	Standard Square-Bore Style Base	P/N 3878 - With standard GM/Delphi IAC P/N 38783 - With MotoTron/Hitachi Linear Style IAC

NOTE: Some applications may benefit from the use of a one-inch carburetor spacer under the throttle body, such as Edelbrock #8710. See our Catalog for details. To order a catalog, call (800) FUN-TEAM.

- **Fuel Rail Kit Contents (Included with #29546):**

Kit includes the following:

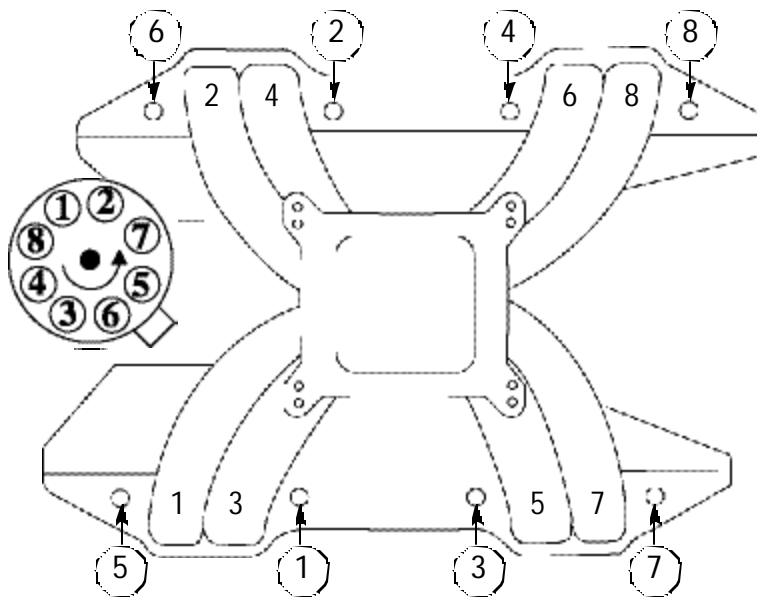
- 2 - Machined fuel rail extrusions (fuel rail ends tapped for 3/8" pipe)
- 4 - Tall version fuel rail bracket stands (2.65" o-ring spacing)
- 4 - Short version fuel rail bracket stands (1.5" o-ring spacing)
- 4 - 1/4-20 x 1/2" Socket head bolts
- 4 - 1/4-20 x 1-1/2" Hex head bolts
- 12 - 1/4" Flat washers
- 4 - 1/4-20 Nyloc 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 commands of the engine control unit (ECU). Once injectors and an ECU is determined, make sure that 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 leaking out. The same precaution should be applied when assembling the injectors to the fuel rails.
- **Power Options:** Although this manifold will work with ported factory cast iron heads, we highly recommend the use of our #77919 Victor cylinder heads or #60929 Performer RPM cylinder heads. These heads offer higher airflow levels with minimum preparation required. See our catalog for details.
- **Gasket Recommendations:** Edelbrock #7225. Gasket port opening is 1.23" wide, by 2.27" tall. Manifold port exit is 1.15" wide, by 2.17" tall (2.50 sq. in. opening area).

INSTALLATION PROCEDURE

1. Use only recommended intake gaskets set when installing this intake manifold. For ease of installation and a cleaner look, we recommend using Edelbrock Manifold Bolt and Washer Kit #8594.
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. Install a factory-style valley pan along with the recommended gaskets.
5. Torque all of the manifold bolts in two steps by the sequence shown in *Figure 1* to 25 ft/lbs.

- 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 to closed 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.



*Figure 1 - 400-426-440 c.i.d. Chrysler Intake Manifold Torque Sequence
Torque Bolts to 25 ft/lbs.
Firing Order 1-8-4-3-6-5-7-2
Turn Distributor Clockwise to Advance Timing*

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