



VICTOR RAM 2-R INTAKE MANIFOLD (Base Only)
 For Big-Block Chevrolet V8 With Rectangular Port Heads
 Catalog #7075
 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.

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:

This intake manifold is suggested for race vehicles ONLY. The Victor Ram 2-R intake manifold is a tunnel-ram style intake manifold, designed for racing applications operating in the 4500-8500 RPM range. It may be used with any combination designed to operate within that range. The manifold base may be used with two different tops; #7078 for two in-line, standard-flange carburetors, or #7079 for two sideways mounted 4500 series carburetors. Linkage kit #7097 is available for use with #7078, linkage kit #7077 is available for use with #7079, and replacement top-to-bottom gaskets #6989 may be ordered if needed. Sideways mounting carburetor adapters #2694 may be used with top #7078 if desired; use linkage kit #7077.

• 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.

• CARBURETOR RECOMMENDATIONS:

Using Top #7078

CARBURETOR (QTY. 2)	PARTS REQUIRED FOR INSTALLATION
Appropriate Standard-Flange Racing Carburetor	#7097 Throttle Linkage Kit

Using Top #7079

CARBURETOR (QTY. 2)	PARTS REQUIRED FOR INSTALLATION
Appropriate 4500 Series Racing Carburetor	#7077 Throttle Linkage Kit

• GASKETS: Fel-Pro Print-O-Seal #1275 or equivalent intake gaskets are recommended.

• PREP AND TUNING FOR POWER:

PORT MATCHING: Each intake runner should be matched to the cylinder head port size on all four sides of runner exit. This would be the floor, roof and each sidewall per the included illustration (See Fig. 1). Any sharp edges left from port runner enlargement should be radius-blended to prevent high rpm air/fuel separation at the cylinder head. Due to the as-cast size of the Victor Ram 2-R manifold runners, very small amounts of material need to be removed to match ports. No other modifications or material removal is necessary. Refer to illustration for floor radius. Hard-roll polishing is acceptable, but removal of substantial amounts of manifold material can impair its performance by upsetting air/fuel distribution among cylinders.

1. Carburetor jetting will vary according to engine build and atmospheric conditions.
2. Aftermarket ignition systems may be used with this intake manifold and are recommended.
3. Use modified or high performance cylinder heads such as Edelbrock Victor Series cylinder heads.
4. Header primary tube diameter should be determined by the engine builder, depending on the specific engine combination. Edelbrock offers headers for dragster applications - Victor Series Drag Race Headers #6550 (2-1/4" primary tube diameter, 4" collector, upswept).

INSTALLATION INSTRUCTIONS

1. Use only recommended intake gaskets set when installing this intake manifold. For ease of installation, we recommend Edelbrock Manifold Bolt and Washer Kit, #8564.
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 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 manifold bolts in two steps by the sequence shown to 25 ft/lbs (See Fig. 2).

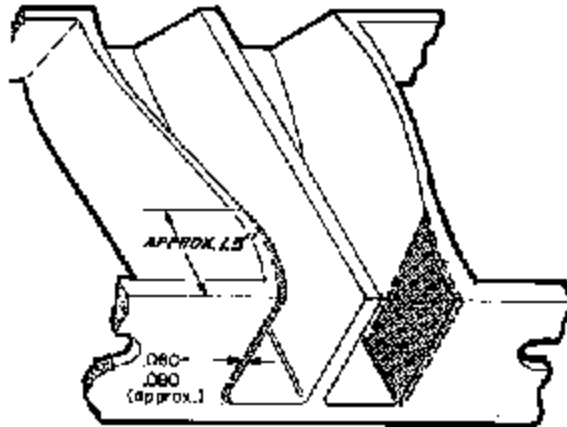


Figure 1 - Intake Manifold to Cylinder Head Port Match

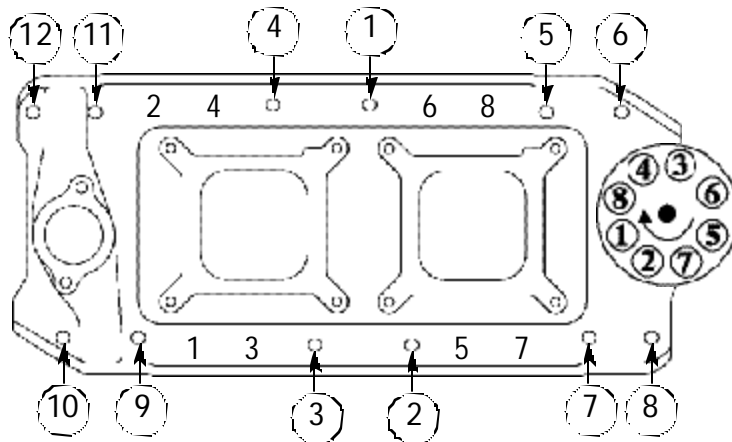


Figure 2 - 396-502 C.I.D. Chevrolet Bolt Torque Sequence
Torque Bolts To 25 ft./lbs.
Firing Order: 1-8-4-3-6-5-7-2
Turn Distributor Counter-Clockwise to Advance Ignition Timing

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