



**VICTOR JR. #2975, Port Matched #2900  
BOWTIE II VICTOR JR. #2972,  
VICTOR JR. TALL #2996 & #2999  
VICTOR 4+4 #2976 & VICTOR E #2978  
MODEL: 302-400 c.i.d. Chevrolet V8  
MANIFOLD INSTALLATION INSTRUCTIONS**

**Please** study these instructions carefully before installing your new intake manifold. If you have any questions or problems, please call our **Technical Hotline at: 1-800-416-8628**, 7:00 am - 5:00 pm, Monday through Friday, Pacific Standard Time, or e-mail us at [edelbrock@edelbrock.com](mailto:edelbrock@edelbrock.com).

- **EGR SYSTEMS:** This manifold will not accept stock EGR (exhaust gas recirculation) equipment. EGR systems are used on some 1972 and later model vehicles and only in some states. Check local laws for requirements.
- **VICTOR Jr. MANIFOLD:** These manifolds are designed for competition vehicles only! They are not intended to be used on the street as they do not have provisions for chokes, emission pieces, etc. The "Tall" versions are identical to their name sakes, but with an additional one-inch of carburetor height; thus #2996 is a taller version of the Bowtie II Victor Jr. (#2972) and #2999 is a taller version of the Victor Jr. (#2975). It is the responsibility of the end user to verify conformity to a particular racing association's rules regarding manifold dimensions, fitment to a template, etc.
- **BOWTIE II VICTOR Jr. MANIFOLD:** Bowtie II intakes provide maximum performance for engines using unported Chevrolet Bowtie cast-iron heads #14011058, #14011034 and #10134392.
- **VICTOR E / VICTOR 4+4 MANIFOLDS:** The Victor E and Victor 4+4 are the largest manifold in this series, use them for higher rpm applications (5000-8500 rpm) drag racing and alcohol fueled applications.

**NOTE:** This manifold has no provision for power brake vacuum. If your application requires manifold vacuum; drill and tap a 3/8" or 1/4" pipe hole in the passenger side of the plenum as close to the carb flange as possible. This should be done prior to installing the manifold.

- **ACCESSORIES & INSTALLATION ITEMS:** Edelbrock recommends the use of Fel-Pro Intake gaskets #1205 or #1206 depending on engine build. Edelbrock continues to expand its line of products, like the new Nitrous Systems, cylinder heads and Russell line of products. Check the Edelbrock catalog and website for the current list of matching components.

- **CARBURETOR RECOMMENDATIONS:** Standard square bore carburetors 750 cfm or larger.

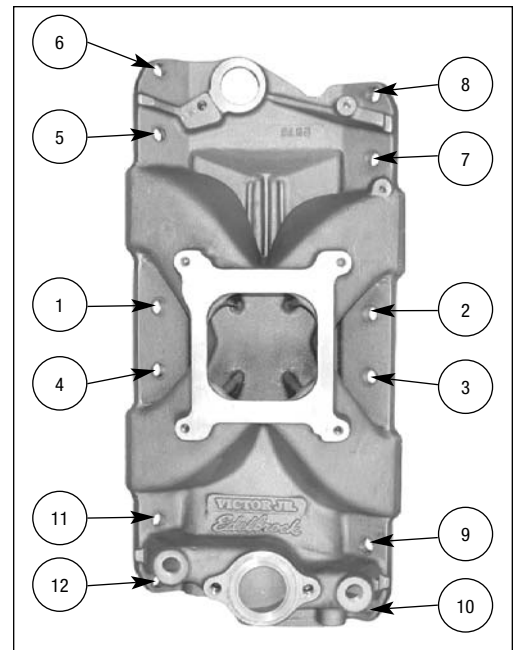
- **PREP AND TUNING FOR POWER:** Optimum cylinder head port opening size should be as close as possible to the size of the gasket being used. Port-match the manifold exits .020" per side smaller than either the gasket being used or the cylinder head port opening, whichever is smaller.

- **MANIFOLD TORQUE: WARNING -** Torque the manifold bolts to 25 ft./lbs. in small, even steps following the factory recommended torque sequence as shown. If you cannot fit a torque wrench on some of the bolts, use a small box end wrench to avoid over tightening.

- **CARBURETOR SPACERS:** Both engine dynamometer and in-car tests have shown additional torque is available by use of a two-inch high open (not 4-hole) carburetor spacer (#8712) on the Victor Jr. and Victor 4+4 manifolds. The Victor Jr. Tall and the Bowtie II Victor Jr. Tall are cast with an additional one inch of height to the carb mounting flange, and need only a one-inch high open spacer (#8710). This normally requires slight re-calibration of the carburetor since small losses of fuel signal cause the engine to run somewhat leaner than without the spacer. A simple jet change is typically all that needs to be done. If a spread-bore carburetor is to be used, a 1-inch spacer between the manifold and adapter will provide the 2-inch height increase on Victor Jr. and Bowtie II Victor Jr. manifolds (if hood space is available).

- **PLEASE** complete and mail your warranty card. Be sure to write the model number of this product in the "Part # \_\_\_\_" space.

- **THANK YOU .**



**Edelbrock Corporation  
2700 California St.  
Torrance, CA 90503  
Tech Line: 1-800-416-8628  
E-Mail: [edelbrock@edelbrock.com](mailto:edelbrock@edelbrock.com)**