



Victor 454-R BBC Intake Manifold
For Standard Deck BBC, Non-EGR, 3500-8500 RPM
Part #2907
INSTALLATION INSTRUCTIONS

PLEASE study these instructions carefully before installing your new intake manifold. If you have any questions, do not hesitate to contact our **Technical Hotline at: 1-800-416-8628**, from 7am-5pm Pacific Standard Time, Monday-Friday.

- **DESCRIPTION:** The Victor BBC manifold is designed for competition vehicles only. It is not intended for use on the street as there are no provisions for chokes, emission components, etc. **NOTE: 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.**
- **CARBURETOR RECOMMENDATIONS:** Use an appropriate 4500 series racing carburetor (CFM will vary according to your application).
- **CARBURETOR SPACERS:** Both engine dynamometer and in-car tests have shown additional torque is available by the use of a one-inch thick, open (not 4-hole) carburetor spacer (# 8717) on the Victor manifold.
- **MANIFOLD TORQUE:** Torque the manifold bolts to 25 ft-lbs in small, even steps, following the recommended torque sequence (**See Fig. 1**). If you cannot fit a torque wrench on some of the bolts, use a small box end wrench to avoid over tightening.
- **INTAKE GASKETS:** Victor manifolds will fit well with Edelbrock #7208 intake gaskets.
- **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.
- **END SEAL CLEARANCE:** Due to varying deck heights and/or valley widths, either from decking the block or milling the cylinder heads, the end seal clearance should be checked. Lay the manifold on the engine with the intake gaskets in place, and measure the clearance. There should be a minimum of .060" between the block surface and the end seal surface of the manifold. You may need to machine the manifold flanges or end seal surface to achieve optimum clearance. Do not use cork or rubber end seal gaskets.
- **INSTALLATION:**
 - 1.)** Fully clean the cylinder head intake flanges and the engine block end seal surfaces.
 - 2.)** Apply Edelbrock Gasgacinch sealant P/N 9300 to both cylinder head flanges and to the cylinder head side of the gaskets, allow them to air dry then attach the gaskets.
 - 3.)** 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.
 - 4.)** Set Intake manifold on engine.
 - 5.)** Snug all of the manifold bolts in the sequence shown in **Figure 1** then torque them to 25 ft-lbs in the same sequence.

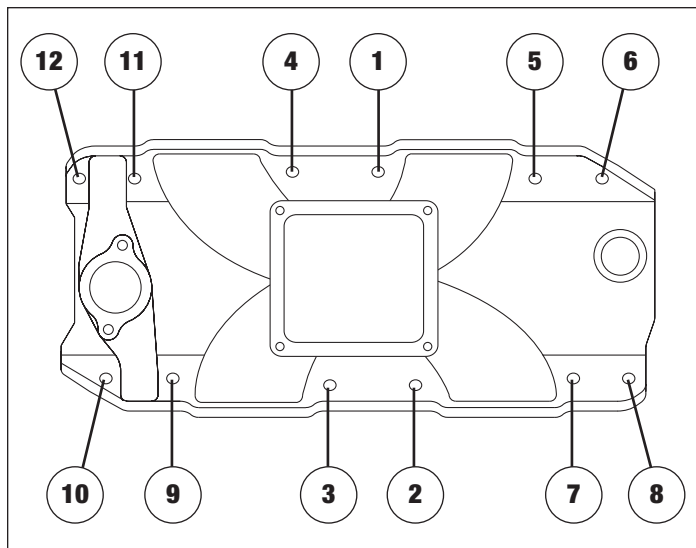


Figure 1 - 396-502 C.I.D. Chevrolet Bolt Torque Sequence
Torque Bolts To 25 ft.-lbs.

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