



Big Victor 3 Manifolds 4.84 Bore Spacing
Catalog #28540, 28542, 28549, 285408, 285428

INSTALLATION INSTRUCTIONS

PLEASE study these instructions carefully before installing your new intake manifold. If you have any questions contact our **Technical Hotline at: 1-800-416-8628**, from 7am-5pm Pacific Standard Time, Monday-Friday,

DESCRIPTION: These manifolds are designed for Edelbrock BV3 cylinder heads which have unique symmetrical port layouts for the 4.84" bore spacing Big Block Chevrolet. As a result, the plenum has been lengthened front to rear and narrowed to produce a near equal length runner configuration. With approximately 6.5 sq. in. of cross-section (*7.5 sq. in. on CNC Ported versions*) at the plenum and around 25% taper, these manifolds benefits from a design philosophy that has evolved throughout the development of the Big Victor line of products.

These manifolds are also the first "split" Big Victor. These manifolds are cast in two pieces, O-ring grooved, and bolted together with locating shoulder bolts. As a result, it can be taken apart for better porting access and then bolted back together while maintaining a perfect match.

CNC Ported manifolds are CNC ported to match their specific Edelbrock BV3 cylinder heads (see chart below). Unported manifolds are unported and must be port matched to the cylinder heads you are running, see Prep and tuning for power section below.

Part Number	Description	Bore Spacing	Intake Gasket Part Number	Valley Plate Part Number	Matching BV3 Cylinder Head
28540	Unported Big Victor 3 Short Deck 9.8"	4.84"	7249	77730	N/A
28542	Unported Big Victor 3 Tall Deck 10.2"	4.84"	7249	77732	N/A
28549	Unported Big Victor 3 Tall Thick Flange	4.84"	7249	77739	N/A
285408	CNC Ported Big Victor 3 Short Deck 9.8"	4.84"	7249	77730	614668, 613668 and 614768
285428	CNC Ported Blg Victor 3 Tall Deck 10.2"	4.84"	7249	77732	614668, 613668 and 614768

INTAKE GASKETS: These manifolds use a unique symmetrical port layout and require Edelbrock specific intake gaskets (sold separately). See chart above for appropriate intake gaskets.

CARBURETOR RECOMMENDATIONS: The carb pad is machined for a standard Dominator but is large enough to accommodate some of the "oversize" carbs and throttle stops on the market today. Use an appropriate 4500 series racing carburetor (CFM will vary according to your application).

VALLEY PLATE: These are the first "spider" Big Victor manifold and do not have as-cast valley covers. The valley covers are unique in that it contains the "spider" water recovery system in the casting. The matching valley covers for these manifolds are required and sold separately (see chart above).

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.

PREP AND TUNING FOR POWER (#28540, 28542 and 28549 Only): 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.

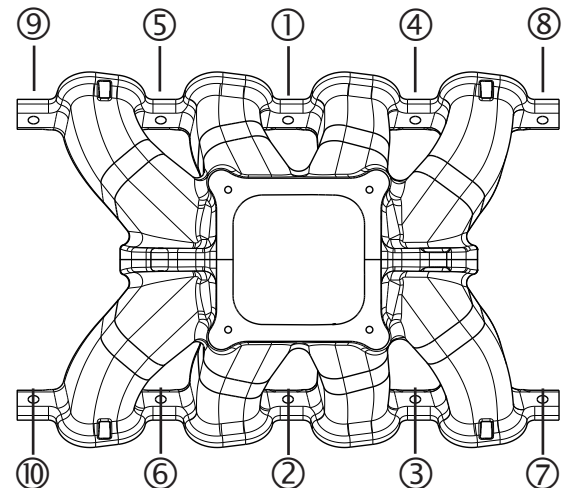


Figure 1 - Big Victor 3 Bolt Torque Sequence
Torque Bolts To 25 ft./lbs.

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