Super Victor EFI Intake Manifold for 389-455 c.i.d. Pontiac V8 Part #29575 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.

- **DESCRIPTION:** The Edelbrock Super Victor 29575 EFI intake manifold holds all the same qualities as a 2957 manifold, with the addition of machined vertical injector bosses. The bosses are located on top of the runners for optimum port fuel injection. The 2957 manifold was designed for Pontiac 389-455 engines, which are used in racing applications, and operating between 3500 and 7500 rpm. This intake manifold is designed to use Fuel Rail Kit #3634, which must be purchased separately.

  Note: This manifold is not intended, nor legal, for street use on pollution-controlled vehicles. It is the responsibility of the end-user to verify conformity to a particular racing association's rule 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.

- **Throttle Body Recommendations:** Edelbrock #3878 Throttle Body
  Note: *Some applications may benefit from a one-inch carburetor spacer, such as Edelbrock #8710. See our catalog for details.* ***To order a catalog, call (800) FUN-TEAM.***

- **Fuel Rail Kit:** Edelbrock #3634 - Super Victor Pontiac Fuel Rail Kit
  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 ½" Socket head bolts*
  - ❑ *4 - 1/4-20 x 1-1/4" Hex head bolts*
  - ❑ *8 - 1/4" Flat washers*
  - ❑ *4 - 1/4" Lock washers*
  - ❑ *4 - 1/4-20 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. Use assembly lube on O-rings when installing injectors. Brake assembly works well or any rubber and neoprene lube.

- **Power Options:** Although this manifold will work with ported factory cast iron heads, we highly recommend the use of either our #60579 or our #60599 Performer Pontiac cylinder heads. These heads offer higher airflow levels with minimum preparation required. See our catalog for details.

- **Gasket Recommendations:** Edelbrock # 7280 or equivalent.

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INSTALLATION PROCEDURE

1. Fully clean all traces of old gasket material and sealant from all of sealing surfaces. Apply Edelbrock Gasgacinch to both the head intake flange and back of gasket. Let dry and install gasket to head.
2. 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 and deterioration.
3. For ease of installation and a cleaner look, we recommend using Edelbrock Manifold Bolt and Washer Kit #8559.

- **Manifold Torque:** Torque all bolts in the sequence shown to 25 ft-lbs.

- **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.

- **Courtesy Checks:** After assembling the injectors, fuel rails, support brackets, throttle body, spacer (if needed), gaskets, and air cleaner, make sure that the throttle linkage will freely rotate to the full open throttle position and back to the idle position without rubbing or interfering with any of the neighboring components. Also, if applicable, make sure there will be enough hood clearance after your air cleaner has been installed.

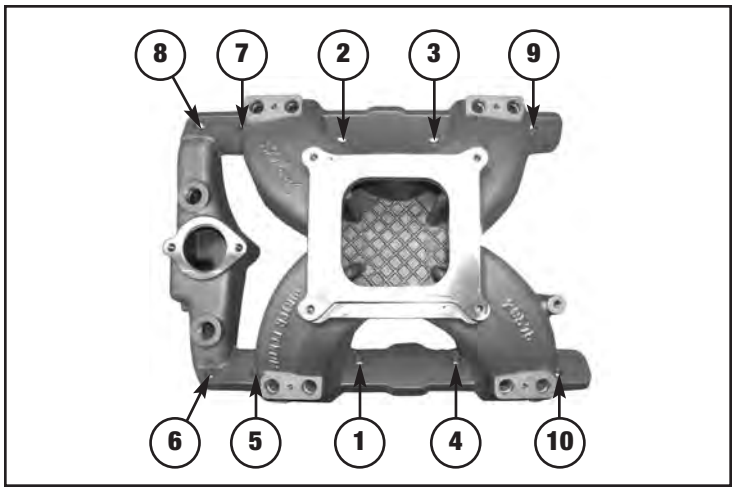


Figure 1 - Bolt Tightening Sequence

FIRING ORDER:
Pontiac 326-455: 1-8-4-3-6-5-7-2

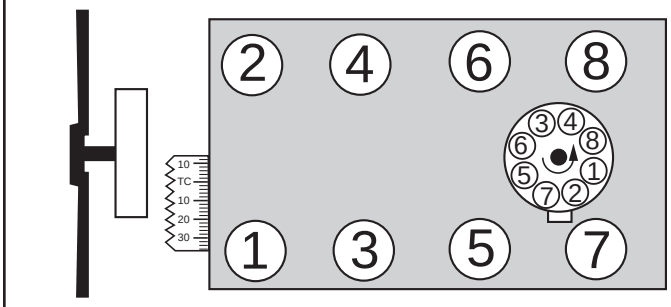


Figure 2 - Firing Order

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