



PART# 29569/295695
VICTOR JR. INTAKE MANIFOLD
for 326-455 C.I.D. Pontiac V8
INSTALLATION INSTRUCTIONS

Thank you for choosing **Edelbrock**. We are proud to be part of the **Edelbrock Group** family of performance brands and appreciate *your trust* in our products. Edelbrock has been a leader in performance engineering, delivering proven power and reliability for generations.

This manual provides the *necessary information* for the proper installation and use of your product. **Please read this manual completely** before beginning installation to *ensure safe and correct operation*.

Most installations can be completed using standard tools and accepted procedures; however, a basic level of mechanical knowledge is recommended. If you are not comfortable performing this installation, it is strongly recommended that a qualified professional complete the work.

BEFORE YOU BEGIN

- ☐ **Verify this product is compatible with your application**
- ☐ **Ensure all required tools and parts are available**
- ☐ **Read all instructions before starting installation**
- ☐ **Work on a clean surface and keep components free of debris**

IMPORTANT NOTICE

Proper installation is the responsibility of the installer. Failure to follow instructions may result in poor performance, engine or vehicle damage, and may void the warranty.

PRODUCT DESCRIPTION

The **Pontiac Victor Jr. Manifold** design combines the power of our **Victor manifold** with the compact packaging of our **Performer RPM manifold**. Both manifolds fit **Shaker hoods** when using a **Butler 401 Style Air Cleaner**. For **29569**, use a **4150-style carburetor**. For **295695**, use **Fuel Rail 3637 or 3669** and a **4150 style Throttle Body**. These items are available separately.

EGR SYSTEMS

Intake manifolds **will not accept stock EGR (Exhaust Gas Recirculation) equipment**. **EGR systems** are used on most **1972 and later model vehicles**. Check local laws for requirements.



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ACCESSORIES & INSTALLATION ITEMS

Major recommendations are listed below. However, **due to the variety** of applications, **additional equipment may be required** for your **specific vehicle** that **is not mentioned** in these instructions.

BOLT KIT FOR VICTOR JR. PONTIAC MANIFOLDS

Edelbrock #8559 – Pontiac Bolt Kit combined with the four included 3/8-16 x 2.0" long small hex head bolts and washers

CARBURETOR RECOMMENDATIONS FOR #29569

Edelbrock VRS-4150 carburetor, 750-850 cfm (**PN 1307 or 1308**)

For Shaker hood applications use the shorter

AVS2 carburetor 650-800 cfm (**PN 1906 or 1913**)

THROTTLE BODY RECOMMENDATIONS FOR EFI VERSION #295695

Edelbrock Progressive 4 Barrel Throttle Body, 1000 cfm (**PN 4150**)

Edelbrock EFI Elbow (PN 3848) and **90mm Throttle Body (PN 3970)**

FUEL RAIL KITS FOR 295695

Traditional Styling: **Edelbrock PN 3637** or Low Profile: **Edelbrock PN 3669**

GASKET RECOMMENDATION

Use only a high-quality intake manifold gasket such as **Edelbrock #7280**.

POWER OPTIONS

Although this manifold **will work** with **ported factory cast iron heads**, we **highly recommend** the use of our **Performer RPM Pontiac cylinder heads (#60579 or #60595)**. These heads **offer higher airflow levels** with minimum preparation required. **Manifold port-match should be .020"** per side **smaller** than either the **gasket** being used or the **cylinder head port opening**, whichever is smaller.

INJECTOR INSTALLATION

1. **Use assembly lube** on **O-rings** when **installing injectors**.
2. Once assembled **check** that **all injectors can rotate side to side easily**, and they **can move up and down slightly while still staying confined** in the machined bores.
3. **Always turn on** the **fuel pump** and **check carefully** for **fuel leaks before** attempting to start the engine.

INSTALLATION

1. **Fully clean** all traces of **old gasket material** and **sealant** from all of **sealing surfaces**. Apply **Gasgacinch** to **both the head intake flange and back of gasket** (non-Print-o-Seal side). **Let dry** and **install gasket** to head with the **Print-o-Seal** facing the manifold.
2. After **setting** the **manifold down** on the **engine** and starting **all the manifold bolts by hand**, **install the water pump bolt and bypass seal**, then **tighten the bolt** so the **manifold seals against the water pump**.
3. **Tighten manifold bolts** in several steps **following the order shown in Fig 1**. Final step is **25 ft-lbs**.

FINAL CHECKS:

1. **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 snap back to the idle position without rubbing or interfering** with any of the neighboring components.
2. **Check hood clearance carefully before shutting hood completely**.

Figure 1 - Bolt Tightening Sequence

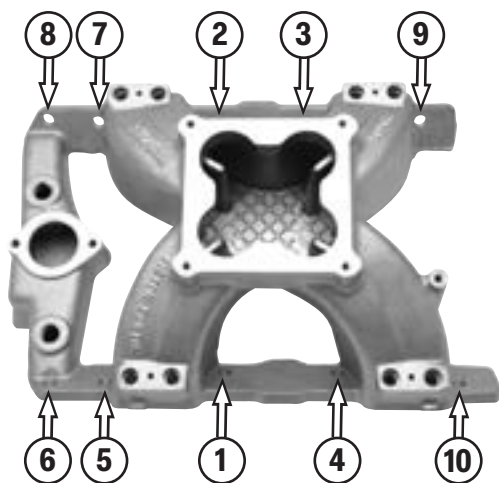
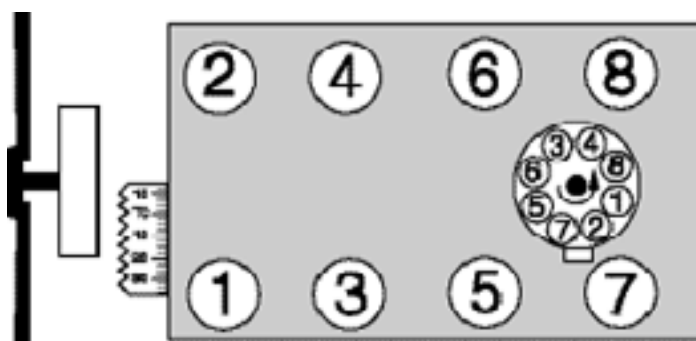


Figure 2 - Firing Order



Firing Order:
Pontiac 326-455 1-8-4-3-6-5-7-2

SUPPORT

If you have any questions or require technical assistance,
please contact **Edelbrock** Technical Support:

1-800-999-0853

Hours: Monday–Friday, 7:00 AM – 5:00 PM (CST)

www.edelbrock.com

LIMITED WARRANTY & LEGAL INFORMATION

Edelbrock warrants that all products are free from defects in material and workmanship, and against excessive wear, for a period of **one (1) year from the date of original purchase**. This limited warranty applies **only to the original purchaser**.

Edelbrock's obligation under this warranty is limited to the repair or replacement of the product, at its discretion.

To submit a warranty claim, the **product must be returned within one (1) year from the date of purchase** to the address listed in the Contact & Support section. All returns must be shipped freight prepaid. Products determined to be covered under warranty will be returned freight collect.

INSTALLER RESPONSIBILITY

It is the responsibility of the installer to verify that all components are correct and suitable for the intended application prior to installation. **Edelbrock** assumes no liability for errors in component selection, tolerances, or installation.

WARRANTY EXCLUSIONS

This limited warranty does not apply to the following:

- ***Products used in racing or competition applications***
- ***Products used in applications other than those recommended***
- ***Products that have been physically altered***
- ***Products that have been abused or misused***
- ***Improperly installed or improperly maintained products***
- ***Products not used in conjunction with proper or compatible components***

LIMITATION OF LIABILITY

There are no implied warranties of merchantability or fitness for a particular purpose. There are no warranties that extend beyond those described in this document.

To the maximum extent permitted by law, **Edelbrock shall not be liable for incidental or consequential damages, including but not limited to property damage or personal injury**.

Where required by law, **any implied warranties are limited to a period of one (1) year from the date of original purchase**.

LEGAL RIGHTS

This warranty gives you specific legal rights. You may also have other rights which vary from state to state.

CALIFORNIA PROPOSITION 65 WARNING

This product may contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.



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