

### Specifications: #61589/#61599

- Chamber Volume .....72cc
- Intake  
Port Volume .....185cc  
Valve Size .....2.11"
- Exhaust  
Port Volume .....145cc  
Valve Size .....1.66" / 1.77"
- Deck Thickness.....5/8"
- Valve Spring Diameter .....1.46"
- Rocker Stud Diameter .....7/16"
- Pushrod Diameter .....5/16"
- Maximum Valve Lift.....0.575"
- Bolt Torque (A).....95 / 105



### PERFORMER PONTIAC D-PORT CYLINDER HEADS

These heads use the popular Pontiac D-Port exhaust port exits for use with standard D-port aftermarket exhaust systems. Performer Pontiac heads are designed for 1955 to 1981 389, 400, 421, 428 and 455 cid V8 Pontiac engines with a 4.060" or larger bore. Manufactured with optimized oil return passages for improved flow. Will accept factory pushrod guideplates (must split guideplate pairs), rocker studs and accessory bosses. The casting is manufactured from A356 aluminum and heat treated to T6 spec for superior quality. These head are available with dual quench, 72cc as-cast combustion chambers that provide a 9.5:1 compression ratio when used with flat-top pistons, or optional 87cc. The spark plug has been relocated closer to the exhaust valve for improved performance. These heads are cast with extra thick port walls and a compact port size, making them ideal for CNC and hand porting. Heat crossover is machined for 50-state emissions legal performance.

|  | Bare<br>(single) | Complete<br>(single) |
|--|------------------|----------------------|
| Performer Pontiac Cylinder Head (72cc) ..... | #61589           | #61599               |
| Performer Pontiac Cylinder Head (87cc) ..... | #61569           | #61579               |
| Pontiac Head Bolt Kit .....                  | #8561            |                      |

**Important Notes:** 350 c.i.d. engines may require notching the block for valve clearance. Three head bolt bosses are raised higher than the standard D-port heights and will require head bolt kit #8561 to install these heads.

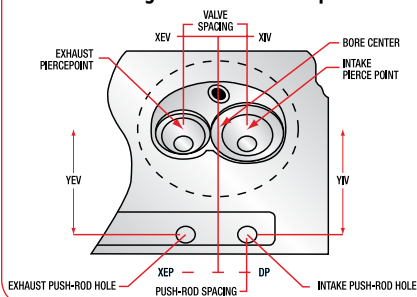
### Specifications: #77819

- Intake Valve Angle ..... 12.6°  
Xiv (intake pierce point).....0.810"  
Yiv (intake pierce point) .....0.025"
- Exhaust Valve Angle  
Xev (exhaust pierce point) ....1.23"  
Yev (exhaust pierce point) ....0.25"
- Spacing.....2.04"
- Valve Seats ..Included (uninstalled)
- Guides .....Included (uninstalled)

### Specifications: #77829

- Intake Valve Angle ..... 11°  
Xiv (intake pierce point).....0.810"  
Yiv (intake pierce point) .....0.055"
- Exhaust Valve Angle  
Xev (exhaust pierce point) ....1.23"  
Yev (exhaust pierce point) ..0.055"
- Spacing.....2.04"
- Valve Seats ..Included (uninstalled)
- Guides .....Included (uninstalled)

### Use this drawing to determine valve placement



Edelbrock Products are manufactured in the USA for unsurpassed quality.



### PONTIAC VICTOR PRO-PORT RAW CYLINDER HEADS

These new heads are the ultimate choice for extreme Pontiac race applications. All Victor Pontiac Pro-Port Raw heads feature raised intake port openings and extended intake flanges for improved flow, but retain the stock location making them compatible with Victor series manifolds and Ram Air IV style headers. The intake valves have also been moved away from the cylinder wall allowing for improved burn characteristics when used with larger than stock diameter valves. These heads also features a center water outlet for improved cooling in the hottest part of the cylinder head. An interlinked rocker stud pad with extra thread engagement helps improve valvetrain stability during extreme conditions. Finally, they feature raised valve cover rails and spring pads to compliment the improved port design, but still retain the stock bolt pattern.

**Victor Pro-Port Raw head #77819** has an 12.6° intake valve position that has been rolled 1.4° from stock (14°). This revised position along with the 5/8" raised intake ports will allow for greater flow potential. The intake flange has also been extended 5/8", but will still fit stock manifolds. **Victor Pro-Port Raw head #77829** features intake valve position that has been rolled 3° from stock (14°) for a final angle of 11°. This improved position along with the 1.25" raised intake ports and flange will allow for greater horsepower potential.

**Both** have been cast from A-356 aluminum with extra material in the ports and chambers for CNC or hand porting for tailored applications. They will require professional preparation before they can be used.

|   |         |
|---|---------|
| Victor Pro-Port Raw 12.6° for Pontiac Cylinder Head ..... | #77819* |
| Victor Pro-Port Raw 11° for Pontiac Cylinder Head .....   | #77829* |

\* Not legal for sale or use on pollution controlled motor vehicles.  
(A) Head bolt torque in ft/lbs; studs use manufacturer's specs (see instructions for lube/sealer)