

INTRODUCTION



"Often Imitated...Never Duplicated"



For over forty years Indy Cylinder Head has been supplying the aftermarket with high quality engine parts and complete engines. We have always been dedicated to making all Indy racers winners. Our secret is simple. We have transferred our years of racing experience into our parts. Through extensive engineering and real world testing we have been able to assemble the correct combinations of blocks, cylinder heads, manifolds, pistons, cams and every other engine component used to produce the ultimate in power.

We really understand what is needed to get you there. After browsing through our catalog and our price sheet, please feel free to call or Email us with any questions you may have.

Horsepower Is All About Port Volume

Our success in producing real horsepower has come through our practical understanding of the fact that horsepower generation is all about port volume. We discovered early on in the game that the port volume essential for power generation can not be achieved with the industry's shortest valves, the Chrysler intake and exhaust valves.

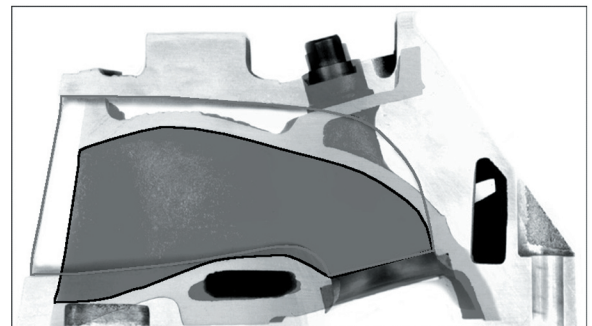
Realizing that we needed a longer valve, we designed the ports in our 440 cylinder heads around a 1/2 " longer valve. This allowed us to raise the port roof significantly. The modification created the extra port volume required to achieve the desired end result...**more horsepower**, and plenty of it!

Here you can visualize the dramatic difference in port volume between the stock 906 head and the Indy 440-1 head upon overlaying the head diagrams.

Indy 440-1 head cutaway



Stock 906 cutaway



Indy 440-1 cylinder head cutaway overlaid onto a stock 906 cylinder head cutaway

It was with these simple yet important principles that Indy Cylinder Head gained success. We worked very hard in the beginning and continue to work hard to bring you more and more horsepower. Our knowledge of cylinder head porting has been transferred into all our other heads, Legend, 360, 401.



We are always striving to develop new and fresh ideas and to expand our product line to bring you more product choices, as evidenced by the introduction of our new 5.7 / 6.1 series of engines and components. We're using our knowledge from the past to produce more advanced engine products for you in the future.