

# JBA

## PERFORMANCE EXHAUST

### What is a JBA Firecone® Collector

Abrupt changes in manifold volume, such as the transition from primary tube to collector, causes turbulence and a drop in exhaust gas velocity. Turbulence equals restriction and velocity equals flow, so increased turbulence and reduced velocity are the last things you want in your exhaust system. The patented JBA Firecone® merge collector eases the transition helping to maintain the direction and speed of the exhaust flow. The result is a noticeable increase in power and efficiency. Most of these gains can be attributed to improved scavenging. The process of scavenging can be described as using exhaust pulses to siphon out spent gasses and draws in the fresh mixture during valve overlap. The effect is an increase in volumetric efficiency (more air in the cylinder) and a decrease in contamination from spent gasses.

