



CQ-Series Carburetor

Thank you for purchasing a Quick Fuel Technology Q-Series Carburetor. We believe you will be more than satisfied with the special performance upgrades incorporated into this carburetor. This is a racing carburetor, however it does include a couple of features that allow the use of vacuum ports so it will be compatible with more street oriented equipment.

The rear 3/8" vacuum tube is full manifold vacuum. It can be used for PCV or Power Brakes. On the side opposite the throttle there are two vacuum 3/16" tubes. The front tube is a "timed" vacuum passage and should be connected to the distributor vacuum advance canister, if so equipped. The rear tube is a full manifold vacuum passage and can be used for devices that require constant manifold vacuum. A common example would be a transmission modulator if your automatic transmission retains this feature. **NOTE: Vacuum tubes available on gas carburetors only, not on blower, blow-through, alcohol, or E85 carburetors.**

The four idle mixture screws are set at a baseline 1 ½ turns from seated. While the works for the majority of applications, it may be necessary to re-adjust these mixture screws to attain the best idle quality. It is not essential the primary and secondary idle mixture screws be set exactly the same number of turns off the seat. Often that will not be the case as the majority of idle control actually occurs on the primary side. Your engine may idle better with less secondary idle mixture than primary. Balancing the mixture screws from side-to-side for each metering block is desired.

Secondary idle air can be adjusted externally. While this is a convenient tuning aid in cases where the primary throttle plates must be opened considerably to compensate for a radical camshaft profile, it should not be opened more the 1 ½ turns from base as it could cause a hesitation at wide open throttle. Consult a carburetor tuning book to ensure proper primary throttle plate alignment.

This product is designed and calibrated for racing use only. It is covered by a 90 day LIMITED WARRANTY against defects in manufacturing, assembly and workmanship. Warranty claims are limited to the repair and/or replacement of the alleged defective component, at Quick Fuel Technology's discretion only. There are no warranties expressed or implied beyond this stated coverage.