



270-781-9741

Installation Instructions for 34-4QFT Billet Metering Block

Thank you for purchasing our Billet two circuit gasoline metering block.

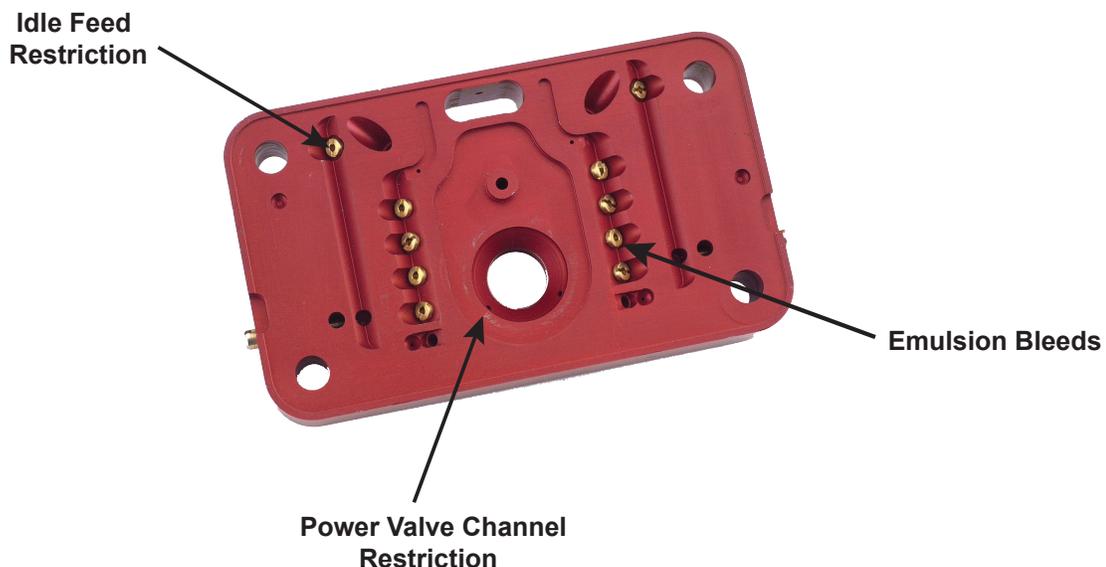
Installation is essentially the same procedure as replacing a conventional metering block. There are a couple of features and tuning aspects of this metering block you should become familiar with. At the top of the straight "V" is the idle feed restriction (see illustration below). This screw-in restriction controls the fuel side of the idle and off-idle air/fuel mixture. Your metering block comes with .033" idle feed restrictions. The number "33" will be stamped on the head of these restrictions.

The emulsion holes, the three threaded holes in each of the serpentine slots do not have any restrictions intentionally. The emulsion holes are pre-calibrated and drilled in to the bottom of the well. These pre-calibrated emulsion holes offer improved performance over your original metering block and are adequate for the majority of applications.

In the future should you wish to make the emulsion feature adjustable it is possible to do so by drilling the bottom of all six wells to approximately .050" or 3/64". Remove the main jets and power valve before drilling. Be careful to only drill deep enough to break into the main well. After you have successfully drilled all six holes (three per side), use a quality carburetor cleaner, spray in to the top angle channel (booster discharge port) to dislodge any metal shavings from the drilling process, then use compressed air to blow out the main well again from the top down. The recommended starting point is with all three holes being .028".

An additional feature of the Billet metering block is an adjustable power valve channel restriction. These are the holes immediately behind the power valve 1" hex head. The purpose of these restrictions is to add supplemental fuel to the main well during wide open throttle operation or when the engine load drops the manifold vacuum below the calibrated value of the power valve. In this metering block the power valve channel restrictions are .055".

Typical QFT 2-Circuit Billet Metering Block



We thank you for purchasing Quick Fuel Technology products. We are passionate about our products and your performance - if you are experiencing any difficulty in your installation or are having other issues please call our technical service phone line at 270-781-9741. Our business hours are M-F 8:00 am - 5:00 pm Central Time.