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Part # 1218 carb restrictors Holley 350, 500 2 bbls.

Under hard acceleration the power valve opens and feeds additional gas into the carb to meet the instant demand of the engine. As all of the Holley 2 bbls are designed for V8 application this results in an overly rich condition in the 4 cylinder engine, and the engine "bogs" when you first step on the gas. Our restrictors reduce the amount of gas that is fed into the engine resulting in a fuel/air ratio better suited to the 4 cylinder engine.

Further experimentation with main jets may be needed to tailor the carb to your specific engine requirements. Full race engines running the 500 cfm are running #74 main jets (approx.) so a stock engine running the 350 might require jets down in the #56 range .
The carb restrictors fit into the carb metering plate on the beveled surface under the power valve.

The metering plate is located between the float bowl and the main carb body. Remove the float bowl with the 4 screws and pull the metering plate from the main carb body. The mastering plate is located on the main carb body on pegs and may have to be gently pried off .
The power valve is screwed into the center of the metering plate. Remove the power valve with a 1" socket. Under the power valve are 2 holes on the beveled edge.

With the #42 drill supplied, drill the 2 holes to the inner passage way in the metering block. (You can use a hand held 1/4" drill, and there is not a danger of drilling too far. You will know when you are into the inner passage way .)
Blow the chips out of the metering plate and slip in the carb restrictors. The carb restrictors are drilled to a #51 drill size and can be enlarged by drilling if needed.

