





INSTALLATION INSTRUCTIONS


CARBURETOR TEST GAUGE KIT 7860

For Holley 0-4412 500CFM Carburetor

This kit is designed to check the Holley 0-4412 series 500CFM carburetor. All of the test gauges are of the "NO-GO" design which means if the gauge fits into or over the item being checked, the carburetor is illegal. The kit consists of the following gauges:

 **78601 Venturi Gauge** - This gauge will fit around the booster from the top and should not go into the venturi. This would also be a good time to check the venturi bore to see if it has elongated of "Egg-Shaped". This condition will be easy to spot at this time, as the gauge will not go in but you can see light around the front and backside of the gauge showing the venturi has been altered. Do not question a slight imperfection, as a cheated up venturi will be easy to spot.

 **78602 Throttle Bore Gauge** - This tool should not go into any of the throttle bores.

 **78603 Combined Throttle Shaft and Plate Gauge** - This gauge should not go over the throttle shaft and plate combined.



78604 Booster Length Gauge - This gauge will verify if the booster has been shortened. Insert the gauge into the venturi and if it goes over the booster then it has been shortened. It is crucial to keep the tool in a vertical position and slide it in from the side. If the tool does not go in from the side the booster is has not been altered.

Do not try and hook the tool over the bottom of the booster first. This will give you an incorrect reading and would not be accurate.



78605 Booster I.D. and O.D. Gauge - This gauge can be used from the top. One end will check the O.D. and the other will check the I.D. The I.D. is where some will alter to get more air by the booster. If the gauge will fit into the booster it has been altered.

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Originally Founded In 1965 by
BO LAWS

HOLLEY CARBURETOR SPECIFICATIONS:

Venturi Bore	1.373 - 1.377	Throttle Bore	1.6855 - 1.6856
Booster O.D.	.620 (+ or -) .010	Combined Throttle Shaft & Plate	.1868 - .2008
Booster I.D.	.380 (+ or -) .003		

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