



INSTALLATION INSTRUCTIONS

CARBURETOR TEST GAUGE KIT 7863

For Holley 0-4779 750CFM Carburetor

This kit is designed to check the Holley series 750CFM 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.



78613 Primary/Secondary Throttle Shaft and Plate Gauge - This gauge should not go over the throttle shaft and plate combined.



78604 Booster Length Gauge - This gauge will go into the venturi and check the height or length of the booster. If it fits over the booster has been altered.



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.

NOTE: Prior to 2005 the 0-4779 used a number 173 throttle plate in the secondary and the combined thickness was .1955 - .2085. However, Holley has discontinued using the 173 secondary throttle plates and replaced it with a number 172 primary throttle plate which is .020" thinner than the number 173 throttle plate. This means that the later version 0-4779 will have a thinner secondary throttle shaft. For that reason, our kit contains only the thinner checking gauge. It would be much easier on the Tech crew to allow the number 172 throttle plate to be legal in all 0-4779 carburetors. We can furnish the early secondary gauge if you desire.

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HOLLEY CARBURETOR SPECIFICATIONS:

Venturi Bore Pri and Sec	1.373 - 1.377	Throttle Bore Pri and Sec	1.6855 - 1.6865
Booster O.D.	.610 - .630	Combined Throttle Shaft & Plate, Pri	.1868 - .2008
Booster I.D.	.377 - .383	Secondary with 172 plates	.1748 - .1888
Booster Length	.440 - .444	Secondary with 173 plates	.1955 - .2085

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BO LAWS

08-2013