

Brzezinski Racing Products, Inc.
N50 W23001 Betker Drive
Pewaukee, WI 53072
Toll Free: 866-236-6300
Local Line: 262-246-8577
www.CastHeads.com

Adapter and Spacer Instructions

The carburetor spacer / adapter you've purchased are made of a plastic material called phenolic. Phenolic won't transfer heat from the intake manifold to the carburetor, keeping the carburetor cooler.

Gaskets must be used with all spacers and adapters.

The manifold mounting surface must be clean with all the old gasket material removed. Place the adapter / spacer on the intake manifold and check for any interference with other engine parts. Adapter / Spacer can be relieved if needed.

The 5/16" x 18 button head cap screws fasten the adapter to the intake manifold. Tighten the adapter evenly with a "crisscross" pattern to a maximum torque of 8 ft. lbs or 96 in. lbs of torque.

Make certain the 5/16" x 18 socket set screws, which are screwed into the heli-coil inserts in the adapter to fasten the carburetor, don't protrude through the bottom side of the adapter, thus resting on the flange part of the intake manifold preventing the adapter from sealing. A little silicone on these set screws will prevent them from turning when tightening the carburetor mounting nuts.

#101, 101AR & 101-1.5 Adapters

Adapts Holley 2 barrel carburetor to Q-Jet intake manifold or to aluminum intake manifold with "inside) 4 1/4" bolt pattern.

If the plenum area on the Q-Jet intake manifold is stock (2 small and 2 large holes) slide the adapter rearward to position the carburetor over the larger secondary bores. Use the 101G gasket to seal the primary bores.

When using the #101 adapter on a Q-Jet intake with a modified plenum area, like our #401S1 & 401 intakes, position the carburetor slightly forward of center. This is a good starting point. The carburetor position on intake manifolds with a modified plenum area can be adjusted to optimize spark plug coloring.

#102 Adapter

Allows the use of either the Rochester or Holley 2 barrel on the Q-Jet intake or aluminum intake with inside bolt pattern. For positioning the carburetor, follow the same instructions as the 101 adapter.

#104 Adapter

Adapts the Holley 4 barrel carburetor, 4150 / 4160 series, to the Q-Jet intake manifold. This 1" adapter is all you'll need. We have tested various combinations of adapter with the combination. The 1" individual-hole adapter works better than 2" tall adapters.

#105, 105AR, 105-1.5, 114-1.5 & 114 Adapters

Adapter Holley 2 barrel carburetor to aluminum intake with "outside" (5 1/4") bolt pattern.

On open plenum aluminum intake manifolds, start with the carburetor positioned forward of center. This is an excellent starting point. Carburetor position can be adjusted forward and back for optimum performance. On dual plane intakes, position the carburetor more on center as a starting point. As a general rule, the dual plane intake manifolds are less sensitive to carburetor position than open plenum intake manifolds.

#108 Adapter

Adapts Holley 2 barrel to GM 2 barrel intake manifold with the Rochester 2 barrel bolt pattern. This adapter is very simple to install, since there is not room for any adjustment. As with all adapters, use new gaskets and check adapter-to-bore alignment.

#109 Spacer

Spacer for Rochester 2 barrel carburetor to GM 2 barrel intake manifold. As with the #108 adapter, position the spacer on the intake and check manifold to spacer alignment. Due to variations in the manifolds, some blending of the spacer may be needed to ensure proper alignment.

#110 Spacer

Spacer for Q-Jet spread bore carburetor on a Q-Jet intake manifold. On older Q-Jet intake manifolds, we highly recommend plugging the 2 exhaust gas heat passages, which run under the front of the carburetor. These passages direct heat from the exhaust crossover passage in the manifold to warm the carburetor. Warming the carburetor is not needed in a race application.

#111 Spacer

4 hole spacer used with the Holley 4 bbl carburetor, 4150 / 4160 series, on aluminum or Holley type cast iron intake manifolds.

#112 Spacer

Open spacer used with Holley 4 barrel carburetor, 4150 / 4160 series, on aluminum or Holley type cast iron intake manifolds.

#113 Spacer

Spacer for Holley 2 barrel carburetors. This spacer is commonly used on Fords and Edelbrock 2 barrel aluminum intake manifolds. Due to the large variety of manifolds on which this spacer is used, be certain to check the alignment of the spacer bores with the intake manifold plenum area. If there is a mis-match, blending the spacer to intake manifold will be necessary.

