

Adapter and spacer instructions

The carb adapter or spacer you've purchased is made of a plastic material called phenolic. Phenolic won't transfer heat from the intake manifold to the carb, keeping the carburetor cooler which, in turn, produces more horsepower.

Gaskets must be used with all spacers and adapters

The manifold mounting surface must be clean, and all old gasket material must be removed. Place adapter or spacer on intake, and check for any interference with other engine parts. Adapter/spacer can be relieved if needed. The $\frac{5}{16}$ " - 18 x 1" button head screws fasten the adapter to the intake manifold. Tighten adapter evenly in a criss-cross pattern, making certain the adapter is resting flat on the intake flange area. Maximum torque on carb mounting studs is 8 ft./lbs. or 96 in./lbs.

Make certain the $\frac{5}{16}$ " - 18 socket set screws, which are screwed into 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 and preventing the adapter from sealing. A bit of silicone on these set screws will also prevent them from turning when tightening the nuts.

— Adapters —

#101 - Adapts Holley 2 bbl carb to Q-Jet intake or aluminum intake with inside bolt pattern. If plenum area is stock (2 small holes and 2 large holes), slide the adapter rearward to allow the carb to be positioned over the secondary bores. In this situation **#101G gasket** must be used to seal the primary bores.

When using **#101 on modified Q-Jet manifold**, which has 2 oval shaped bores and a center divider, position carb slightly forward of center. This is a good starting point for carburetor positioning. Carb placement can now be adjusted for optimum performance, if you so choose.

Note: When running a 2 bbl carb on the 4 bbl Hi-Rise Bow Tie marine cast-iron intake, position the carb over the rear of the manifold. This will help the back cylinders run cooler.

#102 - The #102 Adapter allows the use of either the Rochester 2bbl carb or the Holley 2bbl on Q-Jet manifold or aluminum intake with inside bolt pattern. For positioning carburetor, follow the same instructions as #101 Adapter.

#103 - Adapts 890 C.F.M. 2 bbl carb to modified Q-Jet intake. If using this adapter on aluminum intake, manifold plenum area must be modified to accept carburetor.

#104 - Adapts Holley 4 bbl carbs, 4150/4160 series, to Q-Jet intake. This 1" adapter is all you'll need. We've tested 2" adapters in various combinations and found that the 1" tall 4 hole adapter combination works best.

#105 - Adapts Holley 2 bbl carb to aluminum intakes ($5\frac{5}{32}$ " bolt pattern), and can also be used on the early Corvette Holley type cast-iron intake. When using this adapter on an open plenum aluminum intake, start with carb positioned forward of center. This is an excellent starting point and carb position can be adjusted, forward or back, for optimum performance. On 180° dual plane intakes, position the carb more on center as a starting point. As a general rule these 180° manifolds are less sensitive to carb position than open plenum manifolds.

#108 - Adapts Holley 2 bbl carb to G.M. 2bbl intake. This adapter is very straight forward and simple to install. As with all adapters, use new gaskets and check adapter-to-manifold bore alignment. Due to the size on size dimensions of the carburetor and manifold bore, along with variations in the intake manifolds, some blending in this area may be necessary for proper alignment.

— Spacers —

Always use new gaskets when installing spacer. Proper length mounting studs are included with each spacer.

#109 - Spacer for Rochester 2 bbl carb on G.M. 2 bbl intake. As with #108 Adapter (above), position spacer on intake and check manifold-to-spacer bore alignment. Due to variations in the manifolds, some blending of the spacer may be needed to ensure proper alignment.

#110 - Spacer for Q-Jet spread bore carb when used on Q-Jet intake. On older Q-Jet manifolds, we highly recommend that you plug the 2 exhaust heat holes and fill the channel in the front of the intake with epoxy.

#111 - 4 Hole Spacer used with Holley 4 bbl carb, 4150/4160 series, on aluminum intake or Holley type cast-iron intake.

#112 - Open spacer used with Holley 4 bbl carbs, 4150/4160 series, on aluminum intakes or Holley type cast-iron intake.

#113 - Spacer for Holley 2 bbl carbs. Commonly used on Fords or other vehicles. Due to the large variation of manifolds on which this spacer is used, be certain to check the alignment of the spacer bores with the intake manifold. If there is a mis-match, blend spacer to manifold.

#114 - The best 2 bbl Adapter on the market - 2 piece construction can be used as 2" or 1" adapter. See #105 instructions for positioning suggestions.