

Here's the Scoop

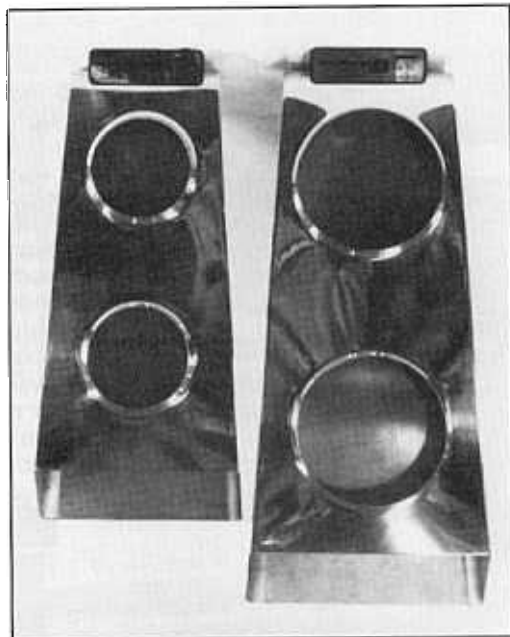
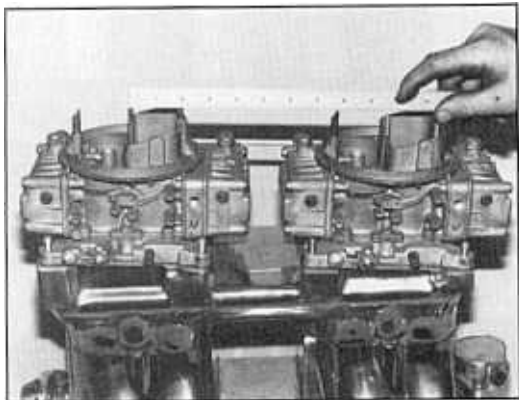
above or below the normal center-to-center measurement with the carburetors installed.

If you're considering a scoop to top off your celebrated power plant, here's a guideline to follow for measuring the right fit.

There are common center-to-center measurements on almost every $\frac{1}{8}$ inch between $8\frac{1}{2}$ inches and $10\frac{1}{2}$ inches, so if you measure to the closest $\frac{1}{8}$ inch, you shouldn't have a problem. When measuring the manifold, the carburetors must be in place to get an accurate number.

Take the first measurement with the carburetor mounting bolts loose and the carbs centered in any play that might be present. This will leave you a slight amount of adjustment to obtain a measurement to the closest $\frac{1}{8}$ inch. If, after using any play available, you cannot get right on any $\frac{1}{8}$ inch mark, keep this in mind: Dooley Enterprises Scoop's drawn holes are about .090 oversize for the carburetors they are meant to fit—a plus or minus of .030

easier, but there is enough room that any end wrench will do the job. Besides being the only surefire legal installation, it is also the strongest and easiest. The other common methods used for racing and specialty applications can be easily explained. Write to Dooley Enterprises, Inc., 1198 N. Grove, Anaheim, CA 92806 or call (714) 630-6463; (714) 630-3910 (fax). ■



It's not generally known that each manufacturer (and each model) has a different center-to-center measurement between the carburetors.

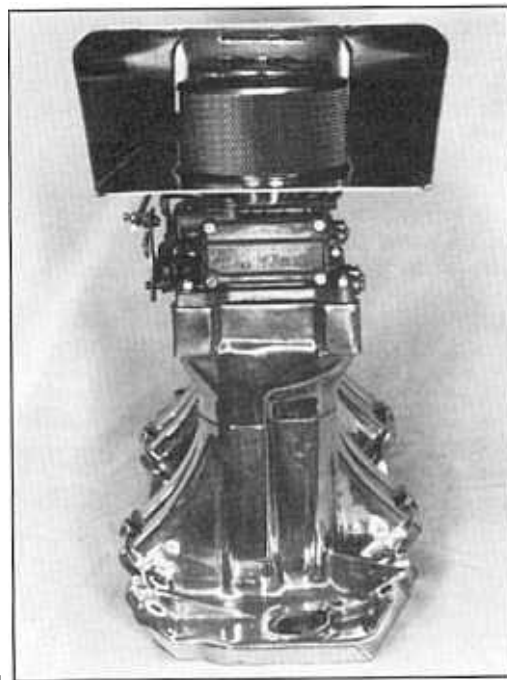
tolerance on the center-to-center measurement on the scoop. This leaves a net tolerance of .060 (almost $\frac{1}{16}$ inch) in your favor. Even if you can't get a measurement exactly on the $\frac{1}{8}$ inch mark, give the number to the closest $\frac{1}{8}$ inch and the scoop will fit.

The next thing that needs to be determined is the hole size. Regular Holleys, Predators and other carburetors that measure five inches across the air horn are most common. Holley Dominators measuring $7\frac{1}{4}$ inches are often used for racing and extremely high-performance pleasure boats. Chances are that carburetors will measure either five inches or $7\frac{1}{4}$ inches in diameter. If they don't, scoops are still available on a special-order basis.

Now that the center-to-center measurement and hole size have been determined (or just the hole size if it's a single setup), it's time to attach the scoop to the carburetors.

There are far too many methods of attaching scoops to cover them all here, so we cover the option most useful for most pleasure boaters. For the past 15 or so years, more and more lake and river regulating agencies have been requiring the installation of Coast Guard-approved flame arresters on pleasure boats. Most Dooley scoops are designed with this in mind. To install a scoop utilizing flame arresters, the three-inch-tall arresters are suggested. There are shorter ones available, but they are likely to hurt your engine's performance. The arresters themselves act as hold-downs. On a dual scoop, install the rear scoop first. Some prefer a stud and a nut, others a bolt. Either option works fine.

A ratchet-type box-end wrench makes the job



SOURCE:

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