

## TECH TIP

There are several things to consider when running multiple carburetors on your engine.

If you are running two carburetors, both of them should be primary carburetors. Primary carburetors have idle mixture circuits and choke assemblies. By using primary carburetors on a two-carb setup, you ensure even fuel distribution to your engine.

When running a three-carb setup, you typically want to use one primary carburetor in the center and two secondary carbs on the ends. This will allow your engine to use the primary carb – with choke – for idle and part-throttle operation. It gives the engine's entire vacuum signal to one carburetor, ensuring good fuel distribution. When set up with a progressive throttle linkage, this type of three-carb system will operate like a modern four-barrel carburetor: idle and cruise on just two barrels, with the secondary carbs letting in more air and fuel as the engine needs it. If you try to use three primary carburetors, it will be difficult for each one get a proper vacuum signal or supply the correct air/fuel mixture. This causes the engine to load up at idle and foul plugs.

Remember, you should always use a second return spring on the secondary carburetors to hold them shut until they are needed.

*Speedy***TIP**