



## Breathe In, Breathe Out

If the goal is to dyno test some cheap and easy engine bolt ons, one of the first places to start is to improve the air intake. Unfortunately, we knew of no manufacturer producing a cold-air intake kit for a 914 Porsche. We still wanted one, however, since one look at a 914 engine compartment makes it clear that engine breathing can be improved, as the original oil-bath air cleaner appears to be very restrictive and sits right on top of the hot engine, nowhere near any cool, fresh air.

So we dialed up Advanced Performance Technology (APT) in Riverside, Calif. In addition to being one of the best sources out there for British car parts and expertise, APT is one of the world's biggest, most knowledgeable dealers of K&N air filters. The fact that APT is located only a stone's throw away from K&N world headquarters probably has something to do with their complete knowledge and stock of K&N part numbers.

What we needed was a round cone air filter with a 2-inch inlet diameter to match the throttle body. We ended up using part No. RA-0580, which APT sells for \$36.99. This round filter measures 5 inches long and 5½ inches in diameter, while the inlet is the required 2 inches.

Testing air intakes can be a tricky business, since what works well sitting on a dyno may not be the hot setup out on the street. This goes double for testing on an engine dyno, where you don't have the restrictions imposed by the car's engine box. Still, our initial tests on the engine dyno did prove interesting.

With the CFR system and its Quiet Can muffler in place, our jury-rigged cold-air intake was worth roughly ½ additional horsepower at 3900 rpm. At lower engine speeds, our system was worth roughly 2 to 3 more horsepower. Our maximum horsepower was now 112.3 at 5100 rpm.

A side benefit is that our system was lighter and sounded better than the stock setup. The K&N filter, with its lifetime warranty and superior durability, is also one of the true automotive hop-up bargains out there.

## Just Slipping By