

to a high performance sports car. Adding a Camden Supercharger to your BMW engine is the easiest way to boost engine performance throughout its operating speed range, and the only way to increase low speed performance short of installing a much larger displacement engine. Increasing compression ratio, installing a high performance camshaft and dual carburetors increase horsepower at the upper end of the speed range, but can actually detract from low speed flexibility. Even turbocharging cannot

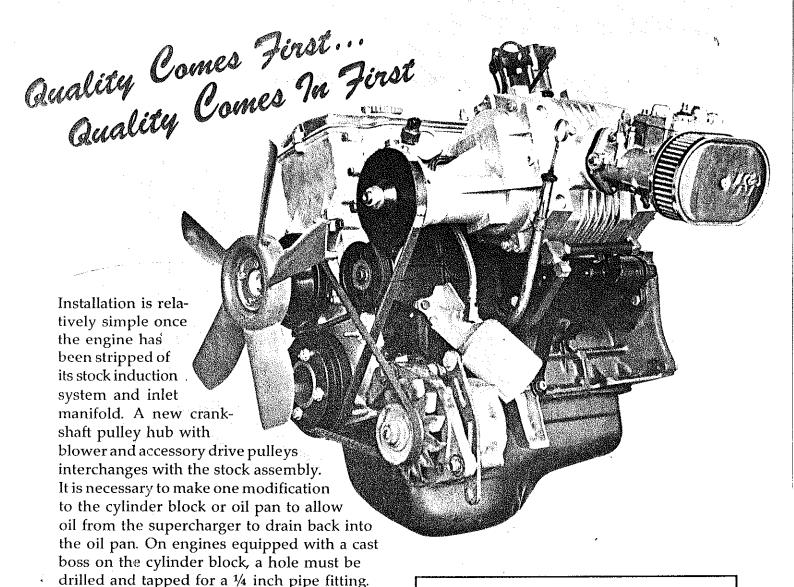
produce the torque increases at low engine

speeds that can be obtained by bolting on a

Camden Supercharger.

Your sedate sedan can easily be transformed

Our standard BMW four cylinder supercharger kit is designed to provide about 6 pounds boost at the upper end of the engine's operating speed range. For normal street use with stock compression ratio and camshaft timing you will notice a significant increase in performance. If your engine has been specially prepared for supercharging by the addition of low compression pistons, higher levels of boost can be safely used with corresponding performance increases. Factory turbo 6.9:1 pistons have been used in 2002tii engine applications in conjunction with 14 pounds boost with amazing results. For normal street use, a stock camshaft is recommended to take advantage of the good low speed torque available with supercharging. The more venturesome can opt for higher performance camshafts with further gains in upper and mid-range power.



A supercharger manifold replaces the stock manifold and provides a rigid mounting surface for the supercharger. In some cases it will be necessary to relocate the master cylinder fluid reservoir before installing the side draft Weber carburetor.

On earlier engines, a special drain back fitting can be installed in the oil pan.

Although Camden superchargers have been used very successfully in sports car racing applications, our main emphasis is to provide the drivers of street machines with substantial horsepower and torque increases by merely bolting on a supercharger kit. Dollar for dollar there is no better way to increase engine power throughout the entire speed range of the engine and still maintain a high degree of reliability.

Supercharger Kit for 2002tii BMW

Model B80 List Price \$1850.00 Kit includes: Supercharger assembly, inlet manifold, carburetor adapter, 45 DCOE Weber carburetor, air filter, crankshaft pulley hub and pulleys, gaskets, oil lines, drive belt, bolts and other hardware.



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