# NEW PRODUCT ANNOUNCEMENT

Performance Solutions is pleased to announce the development of a revolutionary product for the automotive performance industry: The *Digitune* Performance Computer.

The **Digitune** Performance Computer increases the power of modern computer controlled engines by allowing precise adjustment of fuel flow, ignition timing and turbocharger boost during wide open throttle (W.O.T.) conditions. Expansion Capabilities for auxilary fuel injectors, nitrous oxide injection and knock sensors can provide even greater increases in power. Vehicle safety and reliability are improved with the built-in rev limiter and engine diagnostic functions. This equipment works with the stock engine management computer.

A 10 to 15% power improvement is typical for a stock, non-turbocharged vehicle. Much greater power increases can be obtained with: increases in turbocharger boost; engine modifications to the intake/exhaust system, cylinder heads, camshafts and pistons; and the addition of a nitrous oxide injection system.



The Digitune Display/Keyboard Module (actual size)

## Adjustable Parameters:

- · fuel delivery curve
- · ignition timing curve
- · turbocharger boost limit
- · RPM limit
- · W.O.T. activation point

## **Expansion Capabilities:**

- auxiliary fuel injectors
- nitrous oxide & auxilary W.O.T. activation
- · g-Analyst interface
- knock sensors

## **Reliability and Safety Features:**

- engine diagnostics
- · engine monitoring
- · anti theft mechanism
- · fuel cutoff rev limiter

## System Components:

- · dash mount Display/Keyboard
- · hidden Control Module
- Personality Pack for each
- Vehicle Make • Inline Connector

The **Digitune** Performance Computer functions with most modern fuel injected vehicles by using Personality Packs and Inline Connectors that are specific to each manufacturer. Installation is straight forward with only simple connections being required to the stock computer module via the Performance Solutions Inline Connector System.

An engine can be tuned directly from the dash mount Digitune Interface Module or through the use of a personal computer. Performance Solutions IBM PC compatible software provides a graphical means of adjusting performance parameters. Settings can be stored on disk and recalled when required. A simple connection from the personal computer to the Digitune Control Module allows up to 10 sets of parameters to be transferred to its internal memory. Individual sets may be selected for active use at will - even while driving. A set may be altered and then transferred back to a PC if desired. The *Digitune Users Guide* gives tips on how to use these features to achieve maximum performance increases under a wide variety of conditions.



**Digitune System Interconnections** 

If you would like to be kept informed of the *Digitune* Performance Computer applications which are under development or if you wish to receive our Technical Bulletins, please write and ask to be placed on our mailing list.