



The Innovate **OpenTune™** OBD-II / CAN Interface

Gather and analyze all the critical performance data from any car made since 1996.

The OpenTune interface allows high speed data logging from any car, truck, and SUV made since 1996, and integrates with Innovate air/fuel meters and other modular tuning system (MTS) components. As more and more people are using modern electronics to tune their late-model cars, trucks, or SUVs, demand is growing for tools that offer full scan and diagnostic capabilities. The Innovate OpenTune system offers just that, combining affordability and ease of use with professional-quality data rates, parameter selections, and analysis capabilities.

Car computers these days are connected to hundreds of sophisticated sensors. The OT-1 allows you to “open” any car’s computer, and directly see what these sensors are measuring. Users can select up to 16 channels from hundreds of available parameters, and log the data 12 times per second. Users can also record up to 28 conditions, states, and codes as “status” channels, and reset check engine lights and other trouble codes.

- Select and log **any 16** of hundreds of available parameters.
- “Fast packet” logging (12 samples/second on all channels) for **fully-synchronous high-speed data**.
- Includes industry-leading LogWorks 3.0 engine analysis software with **user-customizable skins** and real time **horsepower and torque calculators**.
- Fully compliant with the Innovate **Modular Tuning System (MTS)**. Log directly into LogWorks or into a **DL-32**, while **integrating wideband air/fuel ratio sensors**, accelerometers, thermocouples, and other sensors.
- Display and clear any **trouble codes**.
- Display live data on **Innovate XD-16 gauges** or **LogWorks 3.0** PC application.

Since many top tuners already use Innovate tools, the OpenTune system allows street customers to email a log file to their tuner if they develop a problem or have a question. In conjunction with the powerful LogWorks software, tuners can also collaborate with other tuners by exchanging log files to get help with tuning challenges. The OT-1 works on every vehicle manufactured since 1996, making it the first available high-speed scanner/logger for many makes, including Subaru*, Chrysler*, Mitsubishi*, Honda*, Toyota*, and Nissan*, as well as being the most powerful and affordable scanner available for Ford* and GM* applications.



MSRP: \$149 (Outperforms factory tools costing 5X to 10X as much!)

When Innovate released the first affordable pro-quality wideband O2 kits in 2003, tuners started to realize the value of having accurate vehicle data to analyze. Back then many people didn't even know what Air/Fuel Ratio was, but now few serious enthusiasts would tune without it. The same is true for a multitude of other critical performance parameters, such as ignition timing, transmission temperatures, coolant temperatures, vehicle speed, mass air flow, intake air temperature, etc.

If you are considering using a Superchips*, Edge*, Hypertech* or other "chip tuner" to replace your stock tune with a canned tune, you should consider data acquisition. With the Innovate OpenTune system, you can log very detailed data prior to making any modifications. Then, after modifying, you log additional data and compare. This allows you to see what's being changed, by how much, if the changes are safe for your engine, and where you might find room for additional improvement.

Most late-model cars and light trucks do not have a wideband oxygen sensor, but they DO have about 100 other sensors that gather very useful information. Instead of duplicating these sensors externally, the OpenTune interface allows you to directly access these existing sensors. The OT-1 is a fully-compliant Innovate MTS device, so it can drive XD-16 gauges, log to DL-32 recorders, and integrate fully-synchronous data with Innovate widebands and other sensor controllers.

