

The Innovate Motorsports OpenTune System revolutionizes OBD-II & O2 AFR Tuning

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Agency: [Offsite Resources, llc](#)



The Innovate OpenTune OBD-II / CAN Interface - Gather and analyze all the critical performance data from any car made since 1996.

* Available mid-January 2007 at www.TunerTools.com *

The new OpenTune OBD-II / MTS interface from Innovate Motorsports allows high speed data logging from the factory computer of any car, truck, and SUV made since 1996, and integrates with Innovate air fuel ratio meters and other modular tuning system (MTS) components. Prior to OpenTune, critical data was collected from isolated systems and was nearly impossible to synchronize to get a clear picture of how the car was performing. More and more people are tuning their late-model cars, trucks, or SUVs, and need a tool that offers full scanning and diagnostic capabilities. The Innovate Motorsports OpenTune System offers just that, combining affordability and ease of use with professional-quality data rates, parameter selections, and analysis capabilities. Find more details about this system at www.Open-Tune.org

Modern car computers are connected to hundreds of complex sensors. OpenTune “opens” the door of these complex engine management computers, providing unprecedented access to data being measured directly by these sensors. Users can select up to 16 channels from hundreds of available data streams, and log the data 12 times per second. Users can also record up to 28 conditions, states, and codes as “status” channels, and even reset check engine lights and other trouble codes.

OpenTune provides the ability to;

- Select and log any 16 of hundreds of available OBD-II parameters.
- Use “Fast packet” logging (12 samples/second on all channels) for fully-synchronous high-speed data.
- Work with industry-leading LogWorks 3.0 engine analysis software with user-customizable skins
- OpenTune & Logworks provide real time horsepower and torque calculators.
- OpenTune is 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, etc.
- OpenTune lets you display and clear any trouble codes.
- OpenTune will display live data on Innovate XD-16 gauges or LogWorks 3.0 PC application (included).

Since many top tuners already use Innovate Motorsports tools, the OpenTune system allows customers and tuners to collaborate with one another by exchanging log files directly from Logworks. OpenTune works on every vehicle manufactured since 1996, making it the first 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.

When Innovate Motorsports released the first affordable pro-quality wideband O2 air fuel ratio sensor kits in 2003, tuners started to realize the value of having timely and accurate vehicle air fuel ratio data to analyze. Back then many people didn't even know what Air Fuel Ratio was let alone the differences between wideband, narrowband, analog or digital, but now few serious enthusiasts would tune without at least one wideband O2 sensor and a system to capture the air fuel ratio, data logging and analysis of important correlating data. Now with OpenTune and the Modular Tuning System you can build the components you need to gather a multitude of other critical performance parameters, such as ignition timing, transmission temperatures, coolant temperatures, vehicle speed, mass air flow, mass air pressure, intake air temperature, turbo boost, fuel trim, fuel pressure, engine knock, etc.

When it comes to tuning a performance engine right, think air fuel ratio, air fuel ratio, and AIR FUEL RATIO! got it? Then add the 100 or so additional sensor information using the Innovate Motorsports OpenTune System and connect everything together with the Modular Tuning System (MTS) standard protocol and analyze all your data in one place with Logworks software!

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 Motorsports 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 that OpenTune can take advantage of. 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.

More information available at www.Open-Tune.org

The OpenTune System will be available from Tuner Tools, llc www.TunerTools.com in mid January

Tuner Tools is focused on providing you the widest selection anywhere of the latest equipment for monitoring, diagnosing and tuning truck & automotive performance and engine management systems. Everything from AEM & Innovate Motorsports Air Fuel Ratio tuning equipment to OBD-II Scan Tools, Handheld flash tuners from Diablosport Predator and Superchips, Diesel Tuners, programmers and downloaders from Bully Dog, Quadzilla, Edge and van Aaken, to state of the art SAE J2534 Pass-Thru hardware and Tactrix OpenPort interfaces for OEM & custom reflash tuning.

Tuner Tools llc operates online automotive tuning, diagnostic & performance stores at:

www.TunerTools.com

www.AllOBD.com

www.ProHummer.com

www.VdubTuners.com

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