

NEW!

Single and Dual Channel Wide Band Oxygen Sensor Kits with Integrated Data Logger



Kit Contains:
 Electronic Control Module,
 Wiring Harness, Bosch
 Linear O₂ Sensor (2 for the
 dual Model), Exhaust Bungs,
 Communication Cable,
 Data Link Adapter, and
 DataMap Software package.

Features and Benefits

- DataMap software can monitor or record Air/Fuel Ratio in one or two engine banks (depending on the model), Engine RPM, and Vehicle Speed for EFI or Carburetor Stand alone applications. Includes one digital gauge output for remote A/F monitoring. (A second gauge output is standard on the dual channel model.)
- On-board data logger can electronically record multiple files up to 250 samples per second at a flick of the switch without the use of a laptop.
- 15 data channels plus an additional 8 status indicators are available through the 'Gen 7' logging feature, a DFI exclusive. Data Log for a period up to 20 minutes* on the single channel, or 40 minutes* on the dual channel model. (* - Test sample rate = 20 samples/second)
- Operates either Bosch or NTK style linear sensor for added versatility.
- Software configurable (0-5V output) transfer function. Converts A/F ratio to voltage for use with any EFI system, engine, or chassis dyno. (Two 0-5V outputs available on the dual channel model allowing the ultimate control of fuel metering for each cylinder bank)
- Two Auxiliary inputs and two auxiliary, configurable outputs can trigger external devices using RPM, Vehicle Speed, A/F Ratio Settings, and any auxiliary input line such as a Trans Brake or Line Lock. Also includes a user configurable A/F alarm to kill ignition or fuel pump when Air Fuel ratios reach engine threatening levels. (Dual Channel models have three inputs and four configurable outputs.)
- Narrow band simulator feature replicates a signal based off of the wide band input and directs it to your stock PCM for seamless operation while maintaining the wide band functionality.
- Rugged, Water Resistant, Enclosure and Harness assembly allows permanent installation under the hood, under the vehicle, or in the passenger compartment. Don't settle for cheap plastic imitations.
- Every module of this all-new design is hand calibrated at the factory to ensure top-notch precision, repeatability, and reliability at an affordable price.
- Available with standard sensor (PN: 77062 and PN: 77063) or optional lab-grade sensor sold separately. (PN: 77065 – sensor only)
- Available with remote digital A/F ratio gauge (2 1/16") for mounting in the passenger compartment. (PN:77062S) Allows real-time monitoring of Air/Fuel ratio while you drive.
- Available with electronic module and harness only (PN: 77062N- no sensor) for those who want to upgrade their current system and retain their wide band sensor.

Applications

- #77063 Wide Band O₂ Kit, Dual Channel
- #77062 Wide Band O₂ Kit, Single Channel
- #77062N Wide Band O₂ Kit, No Sensor
- #77062S Wide Band O₂ Kit, Single Channel, w/Digital Gauge
- #77997 Datalog Communications Adapter Link
- #77061 Linear Oxygen Sensor (Bosch) Sensor only
- #77065 Linear Oxygen Sensor (NTK) Sensor only
- #77995P 5' USB Communication Cable (Professional Version)