



85-2437

Complete Air/Fuel Monitor Kit

This kit continually monitors an engine's air/fuel ratio while the engine is running. It is extremely sensitive to air/fuel ratio changes and will show them instantly and accurately, within the range of the oxygen sensor.

The instrument works whether the engine is carbureted or injected, normally aspirated, turbo-charged, or supercharged, at any load condition. This precision instrument also works with nitrous oxide, but will not work with diesel or nitromethane fuels.

This kit comes complete with an oxygen sensor that must be installed into the exhaust system by welding.

If the vehicle is already equipped with an oxygen sensor, an air/fuel monitor may be purchased separately and wired into the existing electrical system (P/N 85-2439 or P/N 85-2442). An oxygen sensor is also available separately (P/N 85-2438).

The oxygen sensor must be mounted in a location where all of the engine's cylinders will be read, such as in a head-pipe or collector. The sensor also needs to be as close as possible to the engine, for the most accurate results.

Vehicles with dual exhaust will need an oxygen sensor in each head-pipe or collector, controlled by a switch that will allow each sensor or bank of cylinders to be read independently. This can show if there is a distribution problem in the intake system.

The monitor only requires 9 volts for illumination so it can be used on vehicles with magnetos, by using a small 9 volt battery. However, the oxygen sensor must be grounded to the power source with a separate wire.

PLEASE REFER TO THE COMPLETE INSTRUCTIONS, FURNISHED WITH THIS PRODUCT, FOR ACTUAL INSTALLATION PROCEDURES.