





ARM1 Air/Fuel Ratio Meter

Installation Instructions

- 1) Find a suitable location to mount the ARM1. Its small size and light weight make it possible to mount the meter in a wide variety of locations.

 **WARNING!** One of the screws on the bottom of the meter is connected internally to +12V. Make sure that the screws do not contact chassis ground. Note that the screw heads are recessed and the bottom of the meter is normally spaced away from the mounting surface by velcro.

- 2) Secure the meter in place after routing the wires behind the dashboard. The most common method of mounting is with the self adhesive velcro that is supplied. Position the meter so that it is easily seen from the drivers seat.

 **WARNING!** Disconnect the negative terminal of the battery before connecting the **RED** and **BLACK** leads. Be sure you know the code if you have an anti-theft radio before disconnecting the battery.

- 3) Find a convenient screw that is connected to chassis ground. Connect the **BLACK** wire to that screw using one of the ring terminal crimp connectors.
- 4) Locate a suitable fused +12V connection. Frequently the best place is on the fuse block. Connect the **RED** wire to +12V with either a butt or push-on crimp connector.
- 5) Connect the **ORANGE** wire to the signal output of the oxygen sensor. This is the black wire on the EGO1 sensor. A butt or insulation piercing crimp connector may be used. If you are connecting to an existing oxygen sensor do not disconnect it from the vehicle's computer.
- 6) Not all versions of the ARM1 come with a **BROWN** wire. If yours does have a **BROWN** wire, connect it to the signal ground of the oxygen sensor. This is the gray wire on the EGO1. If your oxygen sensor does not have a signal ground wire, connect the **BROWN** wire to ground at the engine block or to ground at the same place as the **BLACK** wire.
- 7) Connect the **WHITE** wire to the dashboard panel lights with a butt or insulation piercing crimp connector. A convenient location can be found at the fuse block or leading to one of the dash lights.
- 8) Reconnect the negative terminal of the battery.

If you have any difficulty with installation, please call us at (949)863-1359 for assistance. We hope you enjoy the precise, filtered operation of your new ARM1 air/fuel ratio meter. Keep us in mind when your needs call for an oxygen sensor or air/fuel ratio calibrator.

THANK YOU FOR CHOOSING SPLIT SECOND