SPLIT SECOND

ARC1 Air/Fuel Ratio Calibrator

Installation Instructions

1) Find a suitable location to mount the ARC1. It may be mounted in a hidden location if it is going to be adjusted one time or occasionally. Most installations call for the ARC1 to be accessible while driving.

2) Secure it in place after routing the wires behind the dashboard. There are threaded mounting holes and 3/16" screws on either side of the ARC1. L brackets are provided for mounting.

☞ **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. Be sure to connect the **RED** wire to a switched +12V line. Otherwise it will drain the battery. Make sure that the +12V that you connect to is hot during cranking.

5) Locate the signal wire that connects the MAF/MAP sensor to the ECU. Cut that wire.

6) Connect the **GREEN** wire to the signal output of the MAF/MAP sensor. A butt or insulation piercing crimp connector may be used.

7) Connect the **VIOLET** wire to the MAF/MAP signal input of the ECU.

8) The **BLUE** wire is available as an option. It provides a +5V supply voltage and may be used to power a MAP sensor. If the **BLUE** wire is used, the power ground terminal of the MAP sensor must be tied to chassis ground.

9) 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 ARC1 air/fuel ratio calibrator. Keep us in mind when your needs call for an oxygen sensor or air/fuel ratio meter.

THANK YOU FOR CHOOSING SPLIT SECOND