

# **INSTALLATION INSTRUCTIONS FOR HOLLEY AIR/FUEL RATIO METER KIT P/N 534-50 & 534-51**

**NOTICE: USE ONLY UNLEADED FUELS WITH THIS PRODUCT. USE OF LEADED FUELS WILL DESTROY THE OXYGEN SENSOR AND WILL RESULT IN INCORRECT EXHAUST GAS OXYGEN READINGS.**

**NOTICE: USE OF SOME RTV SILICONE SEALERS WILL DESTROY THE OXYGEN SENSOR USED WITH THIS PRODUCT. ENSURE THAT THE RTV SEALANT USED IS COMPATIBLE WITH OXYGEN SENSOR VEHICLES. THIS SHOULD BE STATED ON THE SEALANT PACKAGE.**

## **For vehicles equipped with an oxygen sensor, P/N 534-50:**

1. Mount the air/fuel ratio meter in your vehicle, using the double-sided tape provided. The air/fuel ratio meter should be within easy view of the driver.
2. Route the sensor wires through an existing grommet in the vehicle's firewall. Route the 3 wires carefully to the oxygen sensor.
3. Tap the red wire to the 12 volt power lead of the oxygen sensor. If you do not have a 3-wire oxygen sensor, tap the red wire to a switched 12V power source.
4. Tap the black wire to the ground wire of the oxygen sensor. If you do not have a 3-wire oxygen sensor, attach the black wire to a chassis ground.
5. Tap the white wire to the sensed voltage (0-1 volt) lead of the oxygen sensor.
6. Using the supplied cable ties, carefully secure all wires along the frame rails away from any heat sources.

## **For vehicle's not originally equipped with an oxygen sensor, Kit P/N 534-51:**

1. Have a muffler shop install the oxygen sensor-mounting boss in the exhaust pipe. The boss should be mounted in the collector, as close to the engine as possible. A 7/8" diameter hole will have to be drilled for installation.
2. Install the oxygen sensor into the threaded boss and tighten securely.
3. Mount the air/fuel ratio meter in your vehicle, using the double-sided provided. The air/fuel ratio meter should be within easy view of the driver.
4. Route the sensor wires through an existing grommet in the vehicle's firewall. Route the 3 wires carefully to the oxygen sensor.
5. Plug the terminals into the provided connector as follows: RED wire into "A", BLACK wire into "B", & the WHITE wire into the "C" terminal locations. The terminals are labeled onto the connector. The terminals should "snap" when installed in the connector. Close the wire retainer on the connector.
6. Plug the connector into the mating connector of the oxygen sensor.
7. Using the 18-gauge black wire, tap into the black lead of the air/fuel ratio meter harness using the connectors and wire provided. Attach the opposite end of the black wire to a chassis ground.
8. Using the 18-gauge red wire with the fuseholder, tap into the red lead of the air/fuel ratio meter harness, using the connectors and wire provided. Attach the opposite end of the red wire to a switched 12V power source. Install the 10 amp fuse into the fuseholder.
9. Using the supplied cable ties, carefully secure all wires along the frame rail away from any heat sources.