

Michigan Fiero Club O2 Sensor Testing Procedure

Perform this test without removing the sensor from the vehicle.

Step	Procedure
1	Visually inspect the sensor for worn insulation on the wires and a loose or cracked connector.
2	Start the engine and let it run for five minutes. Turn the engine off.
3	Disconnect the sensor
4	Secure the sensor connector away from the exhaust manifold; tape the connector to something if possible (not the exhaust system).
5	Turn the Digital Volt Ohm Meter (DVOM) to the millivolt setting. (Caution: Do not set the Digital Volt Ohm Meter on the ohm meter setting. To do so will damage the oxygen sensor) Connect the positive DVOM lead to the sensor connector terminal, and ground the negative DVOM lead to an unpainted ground.
6	Re-start the engine.
7	Observe the DVOM reading. It should fluctuate between 100 and 1,000 mv (0.1 to 1.0 volts). If the voltage does not fluctuate in the pattern indicated above, the oxygen sensor is fault and should be replaced. (We recommend AC/Delco)
8	Re-connect the sensor.
9	Clear the trouble codes from the ECM memory by disconnecting the negative battery cable for at least ten seconds.

The drawing below shows how to setup this test.

