



## Welcome to the Auto Plaza Ford vHealth Diagnostic Report

We are dedicated to make your vehicle purchase experience the best we possibly can. To show our commitment, we provide you with information that allows you to see the current condition of the engine control and emission systems. Our vHealth system utilizes predictive software that provides a health assessment of the vehicle's sub-systems and components to ensure this vehicle is operating properly.

Vehicle Information and Health Diagnostic Report-1 Summary			
<b>Make: Ford</b>	<b>Model: Mustang</b>		<b>Year: 2008</b>
<b>Mileage: 4987</b>	<b>Vin: 1ZVHT82H085163691</b>		<b>Test Date: 25-FEB-2010 00:58:03.562</b>
<b>OBD-II Sensor Test Results</b>	<b>35 Tested</b>	<b>35 Passed</b>	<b>0 Failed</b>

Auto Plaza Ford's vHealth OBD II Sensor Test monitors the engine sensors, analyzes the data and compares those results of the sensor data that control the engine sub-systems, to the vehicle's standard operating conditions. This is the same testing all mechanics use to diagnose problems that can degrade the vehicle's performance. The difference is, at Auto Plaza Ford, we provide you with the test results so you can see for yourself the vehicle you purchase is in top condition before you drive it off the lot.

Vehicle Health Diagnostic Report-2 Summary		
1. Exhaust Gas Recirculation Value (EGR) System Test	Pass: 0	Fail: 0
2. Evaporative (EVAP) Emissions System Test	Pass: 4	Fail: 0
3. Catalyst Converter (CAT) System Test	Pass: 2	Fail: 0
4. Oxygen Sensor (O2) System Test	Pass: 12	Fail: 0
5. Misfire Test Without Check Engine Light	Pass: 27	Fail: 0

### Explanation of above System Tests:

1. The EGR re-circulates exhaust gases that already have combusted, so they burn again. An EGR system performing at optimum level will increase engine performance and fuel economy.
2. The functions of the EVAP system are to trap and store evaporative emissions from the gas tank and carburetor and are burned with the fuel air/mixture. The performance of the EVAP system effects fuel mileage.
3. As the Catalytic Converter works to clean the exhaust it develops heat. The dirtier the exhaust the harder the converter works and the more heat that is developed. Failing O2 sensors can lead to Catalytic Converter damage.
4. O2 sensor monitors the level of Oxygen (O2) in the exhaust so an onboard computer can regulate the air/fuel mixture to reduce emissions and optimize miles per gallon. O2 sensor degradation can lead to damaging your catalytic converter. Keeping your O2 sensors fresh can improve fuel economy up to 10-15%.
5. When Misfire occurs performance suffers along with fuel economy emissions and idle quality. Some causes of Misfire are degradation of the spark plugs, wires and coil.
- 6.

**As you know there are many Pre-Owned Dealerships to choose from. We believe an informed customer is the best customer. Auto Plaza Ford, St. Louis fastest growing Ford Dealership!**

For information contact Tom Wolfe 636-734-6610 vHealth Central Distributor



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