"Your Knowledge at Work!"™

Auto e-Diag Service

Predictive/Condition-Based Maintenance

AEDS Certified Vehicle Electronic Condition Report AEDS Certified

VECR ID: VS625_RO_07282009_142449;1 (For Retrieving VECR From Database)					
User Information				**Vehicle Tested Information**	
User	Auto e-Diag Service			Maker	Pontiac
Address	15510 Ranch Road 620 N. Suite 10106, Austin, TX 78717			Model	Grand Prix V6
Phone	512-921-5685	Fax	408-273-6364	Year	2000
Email	tewolfie@cs.com			Mileage	84929
Time	30-AUG-2013 00:29:45.336			VIN	1G2WP12K7YF299607

Legend For Report Color And Code Name			
Health Test Result is Very Good (LIKE NEW)		Health Test Result is Good (WITHIN SPEC)	
Health Test Result is Approaching Failure		Health Test Result Failed	

P: Pass	F: Failed	N/R: Not Ready	N/A: Not Available	N/V: Not Valid

VECR Summary: vHealthCheck (Red): SOME MONITORED SYSTEMS ARE REPORTING FAILURE. BATTERY WAS DEAD/REPLACED OR DTC CODES WERE RECENTLY RESET OR CLEARED. THE RESULTS DO NOT PROVIDE THE VEHICLE'S CURRENT CONDITION. IT IS NECESSARY THAT ALL OBD-II DRIVE CYCLES BE COMPLETED AND THE VEHICLE BE RETESTED. CURRENT DTC CODES --> Generic Powertrain: P0171 System Too Lean (Bank 1) (P0171)

VECR-1 Summary				
OBD-II Sensor Readings	7	5	2	0

PSI - Generic Powertrain System: ALL SENSOR READINGS ARE WITHIN NORMAL RANGE.

VECR-2 Summary		PASS			FAIL
OBD-II Component Test	1.Exhaust Gas Recirculation Valve (EGR) System Test				N/R
	2.Evaporative (EVAP) Emissions System Test				N/R
	3.Catalyst Converter (CAT) System Test				N/R
	4.Oxygen Sensor (O2) System Test				N/R
	5.Misfire Test Without Check Engine Light				
	6. UNDEFINED				

Emission system has not run all tests

VECR-3 Summary		
OBD-II DTC Test	**Check Engine Light: ON☑ OFF☐**	**DTCs: NONE☐ EXIST☑**

VECR-4 Summary		
OBD-II Emissions Test	Complete Monitor Items: 0	Not Complete Monitor Items: 5

Disclaimer

Auto e-Diag Service

A vehicle must operate until all of the readiness monitors have been run to know if there is an emission problem. If the battery is disconnected or the trouble codes are cleared, results will not be valid unless the readiness monitor is "complete". The vehicle must be running at operational temperature for at least 3 minutes to collect valid OBD II data PIDs.

VECR-1 for OBD-II Sensor Readings

	0 OBD II Parameters	Status	Operating Range	Measurement	Lower Spec	Upper Spec
1	ABS. THROTTLE POS. (%)		|* |	#0	0	100
2	B1S1 O2 FUEL TRIM (%)		| * |	#14.62	-60.156	59.376
3	B1S1 O2 VOLTAGE (V)		| * |	0.47	0.00	1.10
4	B1S2 O2 VOLTAGE (V)		| * |	#0.31	0.00	1.10
5	CALCULATED LOAD (%)		|* |	2	0	100
6	COOLANT TEMPERATURE (F)		| * |	205.71	30	240
7	ENGINE RPM (R/MIN)		| * |	781.1	0	8200
8	IGN. TIMING ADV. C1 (DEG)		| * |	20	-80	80
9	INTAKE AIR TEMP. (F)		| * |	157.42	-40	419
10	INTAKE MAN. ABS. PRES. (IN.HG)		| * |	#11.19	0.0	75.2
11	LONG TERM FT B1 (%)		| * |	#16.38	-18	18
12	MAF AIR FLOW RATE (LB/MIN)		|* |	#0.62	0.1	69.36
13	SHORT TERM FT B1 (%)		| * |	#14.47	-18	18
14	VEHICLE SPEED (MPH)		|* |	0	0	255
15	0 OBD II Parameters	Status	Operating Range	Measurement	Lower Spec	Upper Spec

VECR-2 for OBD-II Component Test

Test Item 1	Exhaust Gas Recirculation Value (EGR) System Test
Test Item 2	Evaporative (EVAP) Emissions System Test
Test Item 3	Catalyst Converter (CAT) System Test
Test Item 4	Oxygen Sensor (O2) System Test
Test Item 5	Misfire Test Without Check Engine Light

	Comp Test	Monitored Test Results (Mode $06)	Status	Operating Range	P/F	Measurement	Lower Spec	Upper Spec	Unit
1	EGR	($07) EGR System Monitoring ($4D) EGR Deceleration EWMA Threshold Test	N/R	| *|	N/A	-45.001	-65535	1.200	kPa
2	EVAP	($0A) Evaporative System Monitor 0020" Leak ($01) EVPD Canister Vent Restriction Test 1	N/R	|* |	N/A	0.000	0.000	65535	sec
3	EVAP	($0A) Evaporative System Monitor 0020" Leak ($03) EVPD Weak Vacuum Test	N/R	|* |	N/A	0.000	0.000	65535	sec
4	EVAP	($0A) Evaporative System Monitor 0020" Leak ($04) EVPD Weak Vacuum Test	N/R	|* |	N/A	0.000	0.000	65535	sec
5	EVAP	($0A) Evaporative System Monitor 0020" Leak ($05) EVPD .040" Leak Test	N/R	|* |	N/A	0.000	0.000	65535	sec
6	EVAP	($0A) Evaporative System Monitor 0020" Leak ($06) EVPD	N/R	|* |	N/A	0.000	0.000	65535	sec

		.020" Leak Test							
7	**EVAP**	($0A) Evaporative System Monitor 0020" Leak ($42) Engine Off Natural Vacuum Tests	N/R	| * |	N/A	32768.000	0.000	32768.000	Unitless
8	**CAT**	($0C) Catalyst Efficiency Idle Monitor ($60) Idle Catalyst Efficiency Test - Bank 1	N/R	|* |	N/A	0.000	0.000	0.072	sec
9	**O2**	($05) Oxygen Sensor Monitoring ($07) Undocumented CID	N/R	*| |	N/A	0.000	60.000	65535	Unitless
10	**O2**	($05) Oxygen Sensor Monitoring ($08) Undocumented CID	N/R	*| |	N/A	0.000	60.000	65535	Unitless
11	**O2**	($05) Oxygen Sensor Monitoring ($01) Rich to Lean Sensor Threshold Voltage - Bank 1 Sensor 1	N/R	| * |	N/A	490.000	0.000	2047.969	mV
12	**O2**	($05) Oxygen Sensor Monitoring ($02) Lean to Rich Sensor Threshold Voltage - Bank 1 Sensor 1	N/R	| * |	N/A	610.031	0.000	2047.969	mV
13	**O2**	($05) Oxygen Sensor Monitoring ($03) Low Sensor Voltage for Switch Time Calculation - Bank 1 Sensor 1	N/R	| * |	N/A	299.469	0.000	2047.969	mV
14	**O2**	($05) Oxygen Sensor Monitoring ($04) High Sensor Voltage for Switch Time Calculation - Bank 1 Sensor 1	N/R	| * |	N/A	598.938	0.000	2047.969	mV
15	**O2**	($05) Oxygen Sensor Monitoring ($05) Rich to Lean Sensor Switch Time - Bank 1 Sensor 1	N/R	|* |	N/A	0.000	0.000	140.000	msec
16	**O2**	($05) Oxygen Sensor Monitoring ($06) Lean to Rich Sensor Switch Time - Bank 1 Sensor 1	N/R	|* |	N/A	0.000	0.000	100.000	msec
17	**O2**	($06) Oxygen Sensor Heater Monitoring ($35) Oxygen Sensor Heater Time to Activity - Bank 1 Sensor 1	N/R	|* |	N/A	0.000	0.000	65535	sec
18	**O2**	($06) Oxygen Sensor Heater Monitoring ($41) Oxygen Sensor Heater Time to Activity - Bank 1 Sensor 2	N/R	|* |	N/A	0.000	0.000	65535	sec
19	**EVAP**	($0A) Evaporative System Monitor 0020" Leak ($07) EVPD Purge Pass Test	N/R	|* |	N/A	0.000	0.000	65535	sec
20	**EVAP**	($0A) Evaporative System Monitor 0020" Leak ($48) EVPD Purge Vacuum Fail Test	N/R	|* |	N/A	0.000	0.000	65535	inH20
21	**Comp Test**	Monitored Test Results (Mode $06)	Status	Operating Range	P/F	Measurement	Lower Spec	Upper Spec	Unit

VECR-3 for OBD-II Diagnostic Trouble Code Test

1. **Check Engine Light: ON** ☑ **OFF** ☐

2. Generic Powertrain Test (Hard Failures and Pending Codes)

DTC CODES EXIST

Freeze Frame for DTC 171

	Vehicle Specifics	Test Results
1	**Generic Powertrain**	P0171 System Too Lean (Bank 1) \ Freeze Frame for DTC 171 \ Fuel System Status Bank One \ Clos ed Loop \ Fuel System Status Bank Two \ Not Reported \ Calculated Load \ 20 \ % \ Coolant Temp e rature \ 162 \ F \ Short Term Fuel Trim Bank One \ 0.00 \ % \ Long Term Fuel Trim Bank One \ 7. 80 \ % \ Intake Manifold Absolute Pressure \ 22.1 \ in.hg \ Engine RPM \ 2150 \ r/min \ Vehi cle Speed \ 14 \ MPH \ Air Flow Rate From Mass Air Flow Sensor \ 4.57 \ lb/min \ Absolute Thro ttle Position \ 15 \ %

VECR-4 for OBD-II Emission Test		
1. Inspection / Maintenance Monitors Status		
2. Legend Not Support: Not All Tests Are Supported By All Manufacturers Makes And Models		
Name		**Status**
1	**Catalyst Monitoring**	Not Complete
2	**Evaporative System Monitoring**	Not Complete
3	**Oxygen Sensor Monitoring**	Not Complete
4	**Oxygen Sensor Heater Monitoring**	Not Complete
5	**EGR System Monitoring**	Not Complete