
OBD-II Diagnostic Report

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Diagnostic Trouble Codes (Mode 03, 07, 0A)

Description

Stored Diagnostic Trouble Codes (DTC) (Mode 03)

No Trouble Codes

Pending Diagnostic Trouble Codes (DTC) (Mode 07)

P0171 - System Too Lean

Vehicle Area: Powertrain (P)

Area of Vehicle System: Fuel and Air Metering

Controlled by: ISO/SAE Controlled Code (Core DTC)

Control Unit: \$7E8 - CAN-ID ECU #1

Permanent Diagnostic Trouble Codes (DTC) (Mode 0A)

No Trouble Codes

Live Data (Mode 01)

Description	Value	Units	Min	Average	Max
03 - Fuel System Status					
Fuel System 1	closed loop	-	2.00	2.00	2.00
Fuel System 2	Not Reported	-	0.00	0.00	0.00
04 - Calculated Load Value	25	%	25.49	26.06	26.67
05 - Engine Coolant Temperature	174	°F	174.20	176.45	179.60
06 - Short Term Fuel Trim - Bank 1	21.1	%	17.19	18.78	21.09
07 - Long Term Fuel Trim - Bank 1	22.7	%	22.66	22.66	22.66
0C - Engine RPM	831	rpm	794.50	825.91	841.50
0D - Vehicle Speed	0	mph	0.00	0.00	0.00
0E - Ignition Timing Advance for #1 Cylinder	-4	°	-5.00	-4.61	-2.50
0F - Intake Air Temperature	89.60	°F	77.00	81.05	89.60

10 - Air Flow Rate	0.47 lb/min	0.46	0.48	0.49
11 - Absolute Throttle Position	12.2 %	12.16	12.16	12.16
12 - Commanded Secondary Air Status	air off -	0.00	0.00	0.00
15 - Bank 1 - Sensor 2				
Oxygen Sensor Output Voltage	0.520 V	0.47	0.72	0.76
Short Term Fuel Trim	2.3 %	1.56	2.31	2.34
1F - Time Since Engine Start	00:18:32 -	0.00	0.00	0.00
21 - Distance Travelled While MIL is Activated	0 miles	0.00	0.00	0.00
2E - Commanded Evaporative Purge	0.0 %	0.00	0.00	0.00
2F - Fuel Level Input	73.7 %	72.94	73.33	73.73
30 - Number of warm-ups since diagnostic trouble codes cleared	0 -	0.00	0.00	0.00
31 - Distance since diagnostic trouble codes cleared	0 miles	0.00	0.00	0.00
33 - Barometric Pressure	30.1 inHg	30.12	30.12	30.12
34 - Bank 1 - Sensor 1 (wide range O2S)				
Equivalence Ratio (lambda)	1.034 -	1.03	1.04	1.08
Oxygen Sensor Current	0.098 mA	0.08	0.11	0.18
3C - Catalyst Temperature Bank 1, Sensor 1	1118.8 °F	1116.50	1117.37	1118.84
41 - Monitor status this driving cycle				
Misfire Monitoring enabled	No -	0.00	0.00	0.00
Fuel system monitoring enabled	No -	0.00	0.00	0.00
Comprehensive component monitoring enabled	No -	0.00	0.00	0.00
Misfire monitoring completed	Yes -	0.00	0.00	0.00
Fuel system monitoring completed	Yes -	0.00	0.00	0.00
Comprehensive component monitoring complete	Yes -	0.00	0.00	0.00
Catalyst monitoring enabled	Yes -	0.00	0.00	0.00
Heated catalyst monitoring enabled	No -	0.00	0.00	0.00
Evaporative system monitoring enabled	Yes -	0.00	0.00	0.00
Secondary air system monitoring enabled	No -	0.00	0.00	0.00
Oxygen sensor monitoring enabled	Yes -	0.00	0.00	0.00
Oxygen sensor heater monitoring enabled	Yes -	0.00	0.00	0.00
EGR and/or VVT system monitoring enabled	No -	0.00	0.00	0.00
Catalyst monitoring completed	No -	0.00	0.00	0.00
Heated catalyst monitoring completed	Yes -	0.00	0.00	0.00
Evaporative system monitoring completed	No -	0.00	0.00	0.00

Secondary air system monitoring completed	No -	0.00	0.00	0.00
Oxygen sensor monitoring completed	No -	0.00	0.00	0.00
Oxygen sensor heater monitoring completed	Yes -	0.00	0.00	0.00
EGR and/or VVT system monitoring completed	Yes -	0.00	0.00	0.00
NMHC catalyst monitoring enabled	- -	0.00	0.00	0.00
NOx aftertreatment monitoring enabled	- -	0.00	0.00	0.00
Boost pressure system monitoring enabled	- -	0.00	0.00	0.00
Exhaust gas sensor monitoring enabled	- -	0.00	0.00	0.00
PM filter monitoring enabled	- -	0.00	0.00	0.00
EGR and/or VVT system monitoring enabled	- -	0.00	0.00	0.00
NMHC catalyst monitoring completed	- -	0.00	0.00	0.00
NOx aftertreatment monitoring completed	- -	0.00	0.00	0.00
Boost pressure system monitoring completed	- -	0.00	0.00	0.00
Exhaust gas sensor monitoring completed	- -	0.00	0.00	0.00
PM filter monitoring completed	- -	0.00	0.00	0.00
EGR and/or VVT system monitoring completed	- -	0.00	0.00	0.00
42 - Control module voltage	13.906 V	13.91	14.11	14.26
43 - Absolute Load Value	16.1 %	16.08	16.76	17.25
44 - Commanded Equivalence Ratio	1.027 -	1.03	1.04	1.04
45 - Relative Throttle Position	0.8 %	0.78	0.78	0.78
46 - Ambient air temperature	68 °F	68.00	68.00	68.00
47 - Absolute Throttle Position B	29.8 %	29.41	29.73	29.80
49 - Accelerator Pedal Position D	31.4 %	31.37	31.37	31.37
4A - Accelerator Pedal Position E	20.4 %	20.39	20.39	20.39
4C - Commanded Throttle Actuator Control	1.6 %	1.57	1.57	1.57
