Diagnostic Report

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VIN: xxxxxxxxxxxxxxxxx
Year: 2008
Make: Nissan
Model: G37 Coupe
Option: 3.7L

Monitor Status Report

ECU 7E0

Name	Continuous	Status
Misfire	Yes	ECU has completed this test
Fuel System	Yes	ECU has completed this test
Comprehensive Component	Yes	ECU has completed this test
Catalyst	No	ECU has completed this test
Heated Catalyst	No	ECU does not support this test
Evap System	No	ECU has completed this test
Secondary Air System	No	ECU does not support this test
Gasoline Particulate Filter	No	ECU does not support this test
Oxygen Sensor	No	ECU has completed this test
Oxygen Sensor Heater	No	ECU has completed this test
EGR and/or VVT System	No	ECU does not support this test

MIL Off
Number of Confirmed Codes: 0
Readiness Standard: None

This vehicle is ready for emissions testing.

Trouble Code Report

ECU	Code	Type	Status	UDS Status	Description
Body Control Module	B2607-00	Body	Confirmed	DTC is confirmed at the time of the request	STEERING_LOCK_RELAY ESCL_RELAY_ FAIL S/L_RELAY
Body Control Module	C1704-00	Chassis	Confirmed	DTC is confirmed at the time of the request	LOW_TIRE_PRESSURE_FL LOW_PRESSURE_FL
Body Control Module	C1705-00	Chassis	Confirmed	DTC is confirmed at the time of the request	LOW_TIRE_PRESSURE_FR LOW_PRESSURE_FR
Body Control Module	C1706-00	Chassis	Confirmed	DTC is confirmed at the time of the request	LOW_TIRE_PRESSUR_RR LOW_PRESSURE_RR
Body Control Module	C1707-00	Chassis	Confirmed	DTC is confirmed at the time of the request	LOW_TIRE_PRESSURE_RL LOW_PRESSURE_RL
Body Control Module	C1708-00	Chassis	Confirmed	DTC test failed at the time of DTC request DTC is confirmed at the time of the request	NO_DATA_FL [NO_DATA]_FL
Body Control Module	C1710-00	Chassis	Confirmed	DTC is confirmed at the time of the request	NO_DATA_RR [NO_DATA]_RR
Body Control Module	C1711-00	Chassis	Confirmed	DTC test failed at the time of DTC request DTC is confirmed at the time of	NO_DATA_RL [NO_DATA]_RL

				the request	
Body Control Module	C1724-00	Chassis	Confirmed	DTC test failed at the time of DTC request DTC is confirmed at the time of the request	LOW_BATTERY_FL [BATT_VOLT_LOW]_FL
Body Control Module	C1725-00	Chassis	Confirmed	DTC test failed at the time of DTC request DTC is confirmed at the time of the request	LOW_BATTERY_FR [BATT_VOLT_LOW]_FR
Body Control Module	C1727-00	Chassis	Confirmed	DTC test failed at the time of DTC request DTC is confirmed at the time of the request	LOW_BATTERY_RL [BATT_VOLT_LOW]_RL
Under Hood Switching Module / IPDM	B2109-00	Body	Confirmed	DTC is confirmed at the time of the request	STEERING LOCK RELAY OFF ESCL relay OFF stuck failure ESCL RELAY OFF

Additional Information

Description	Value	Units
Malfunction indicator lamp (MIL) status	Off	
Distance traveled while MIL is activated	0	miles
Engine run time run while MIL is activated	0	min
Number of warm-ups since DTCs cleared	104	
Distance traveled since DTCs cleared	3039.13	miles
Engine run time since DTCs cleared	4886	min

Mode $01 - Powertrain Diagnostic Data

PID	Description	Value	Units
SAE 0x03	Fuel system 1 status	Closed-loop, using oxygen sensor feedback for fuel control	
SAE 0x03	Fuel system 2 status	Closed-loop, using oxygen sensor feedback for fuel control	
SAE 0x04	Calculated load value	21.18	%
SAE 0x05	Engine coolant temperature	183.2	°F
SAE 0x06	Short term fuel % trim - Bank 1	-5.47	%
SAE 0x07	Long term fuel % trim - Bank 1	1.56	%
SAE 0x08	Short term fuel % trim - Bank 2	-10.16	%
SAE 0x09	Long term fuel % trim - Bank 2	7.03	%
SAE 0x0C	Engine RPM	687.5	RPM
SAE 0x0D	Vehicle speed	0	MPH
SAE 0x0E	Ignition timing advance for #1 cylinder	7	deg
SAE 0x0F	Intake air temperature	59	°F
SAE 0x10	Mass air flow rate	0.62	lb/min
SAE 0x11	Absolute throttle position	0.78	%
SAE 0x13	Location of oxygen sensors	Bank 1: Sensor 1, Sensor 2, Bank 2: Sensor 1, Sensor 2	
SAE 0x15	O2 voltage (Bank 1, Sensor 2)	0.67	V
SAE 0x15	Short term fuel trim (Bank 1, Sensor 2)	99.219	%
SAE	O2 voltage (Bank 2, Sensor 2)	0.67	V

0x19			
SAE 0x19	Short term fuel trim (Bank 2, Sensor 2)	99.219	%
SAE 0x1C	OBD requirements to which vehicle or engine is certified	OBD II (California ARB)	
SAE 0x1F	Time since engine start	1464	sec
SAE 0x21	Distance traveled while MIL is activated	0	miles
SAE 0x24	O2 sensor lambda (Bank 1, Sensor 1)	1.006	
SAE 0x24	O2 sensor voltage wide range (Bank 1, Sensor 1)	2.25	V
SAE 0x28	O2 sensor lambda (Bank 2, Sensor 1)	0.999	
SAE 0x28	O2 sensor voltage wide range (Bank 2, Sensor 1)	2.26	V
SAE 0x2E	Commanded evaporative purge	27.45	%
SAE 0x2F	Fuel level input	98.82	%
SAE 0x30	Number of warm-ups since DTCs cleared	104	
SAE 0x31	Distance traveled since DTCs cleared	3039.13	miles
SAE 0x32	Evap system vapor pressure	0	inH2O
SAE 0x33	Barometric pressure	29.83	inHg
SAE 0x3C	Catalyst temperature (Bank 1 Sensor 1)	543.2	°F
SAE 0x3D	Catalyst temperature (Bank 2 Sensor 1)	543.2	°F
SAE 0x42	Control module voltage	12.88	V
SAE 0x43	Absolute load value	17.25	%
SAE 0x44	Fuel/Air commanded equivalence ratio	1	

SAE 0x45	Relative throttle position	0	%
SAE 0x47	Absolute throttle position B	1.18	%
SAE 0x49	Accelerator pedal position D	0	%
SAE 0x4A	Accelerator pedal position E	0	%
SAE 0x4C	Commanded throttle actuator control	1.18	%
SAE 0x4D	Engine run time run while MIL is activated	0	min
SAE 0x4E	Engine run time since DTCs cleared	4886	min

Mode $02 - Freeze Frame

Freeze Frame data is not available.

Mode $05 - Oxygen Sensors

Sensor	Available
Bank 1 - Sensor 1	**Yes**
Bank 1 - Sensor 2	**Yes**
Bank 1 - Sensor 3	**No**
Bank 1 - Sensor 4	**No**
Bank 2 - Sensor 1	**Yes**
Bank 2 - Sensor 2	**Yes**
Bank 2 - Sensor 3	**No**
Bank 2 - Sensor 4	**No**

Mode $06 - On-Board Monitoring

Component	Description	Value	Minimum	Maximum	Units	Result
$01 - Exhaust Gas Sensor Monitor Bank 1 – Sensor 1	TID $83 - Manufacturer Defined	2.115	0.4	65.535	V	**Pass**
$01 - Exhaust Gas Sensor Monitor Bank 1 – Sensor 1	TID $84 - Manufacturer Defined	2.115	0	4.399	V	**Pass**
$01 - Exhaust Gas Sensor Monitor Bank 1 – Sensor 1	TID $85 - Manufacturer Defined	1.405	0	2.149	V	**Pass**
$01 - Exhaust Gas Sensor Monitor Bank 1 – Sensor 1	TID $86 - Manufacturer Defined	5.07	2.25	65.535	V	**Pass**
$01 - Exhaust Gas Sensor Monitor Bank 1 – Sensor 1	TID $87 - Manufacturer Defined	0.958	0.3	65.535		**Pass**
$01 - Exhaust Gas Sensor Monitor Bank 1 – Sensor 1	TID $88 - Manufacturer Defined	0.968	0.3	65.535		**Pass**
$01 - Exhaust Gas Sensor Monitor Bank 1 – Sensor 1	TID $89 - Manufacturer Defined	0.082	-32.768	0.449		**Pass**
$01 - Exhaust Gas Sensor Monitor Bank 1 – Sensor 1	TID $8A - Manufacturer Defined	0.082	-0.45	32.767		**Pass**
$01 - Exhaust Gas Sensor Monitor Bank 1 – Sensor 1	TID $8B - Manufacturer Defined	0	0	0	V	**Pass**
$02 - Exhaust Gas Sensor Monitor Bank 1 – Sensor 2	TID $07 - Minimum sensor voltage for test cycle (calculated)	0.17	0	0.17	V	**Pass**
$02 - Exhaust						

Gas Sensor Monitor Bank 1 – Sensor 2	TID $08 - Maximum sensor voltage for test cycle (calculated)	0.7	0.7	2.55	V	**Pass**
$02 - Exhaust Gas Sensor Monitor Bank 1 – Sensor 2	TID $80 - Manufacturer Defined	0.7	0	1.19	V	**Pass**
$02 - Exhaust Gas Sensor Monitor Bank 1 – Sensor 2	TID $81 - Manufacturer Defined	0.12	0.12	2.55	V	**Pass**
$05 - Exhaust Gas Sensor Monitor Bank 2 – Sensor 1	TID $83 - Manufacturer Defined	2.19	0.4	65.535	V	**Pass**
$05 - Exhaust Gas Sensor Monitor Bank 2 – Sensor 1	TID $84 - Manufacturer Defined	2.19	0	4.399	V	**Pass**
$05 - Exhaust Gas Sensor Monitor Bank 2 – Sensor 1	TID $85 - Manufacturer Defined	1.355	0	2.149	V	**Pass**
$05 - Exhaust Gas Sensor Monitor Bank 2 – Sensor 1	TID $86 - Manufacturer Defined	5.07	2.25	65.535	V	**Pass**
$05 - Exhaust Gas Sensor Monitor Bank 2 – Sensor 1	TID $87 - Manufacturer Defined	1.114	0.3	65.535		**Pass**
$05 - Exhaust Gas Sensor Monitor Bank 2 – Sensor 1	TID $88 - Manufacturer Defined	1.058	0.3	65.535		**Pass**
$05 - Exhaust Gas Sensor Monitor Bank 2 – Sensor 1	TID $89 - Manufacturer Defined	-0.014	-32.768	0.449		**Pass**
$05 - Exhaust Gas Sensor Monitor Bank 2 – Sensor 1	TID $8A - Manufacturer Defined	-0.014	-0.45	32.767		**Pass**

$05 - Exhaust Gas Sensor Monitor Bank 2 – Sensor 1	TID $8B - Manufacturer Defined	0	0	0	V	**Pass**
$06 - Exhaust Gas Sensor Monitor Bank 2 – Sensor 2	TID $07 - Minimum sensor voltage for test cycle (calculated)	0.17	0	0.17	V	**Pass**
$06 - Exhaust Gas Sensor Monitor Bank 2 – Sensor 2	TID $08 - Maximum sensor voltage for test cycle (calculated)	0.7	0.7	2.55	V	**Pass**
$06 - Exhaust Gas Sensor Monitor Bank 2 – Sensor 2	TID $80 - Manufacturer Defined	0.7	0	1.19	V	**Pass**
$06 - Exhaust Gas Sensor Monitor Bank 2 – Sensor 2	TID $81 - Manufacturer Defined	0.12	0.12	2.55	V	**Pass**
$21 - Catalyst Monitor Bank 1	TID $80 - Manufacturer Defined	37	10	255		**Pass**
$21 - Catalyst Monitor Bank 1	TID $82 - Manufacturer Defined	0	0	0		**Pass**
$22 - Catalyst Monitor Bank 2	TID $80 - Manufacturer Defined	39	10	255		**Pass**
$22 - Catalyst Monitor Bank 2	TID $82 - Manufacturer Defined	0	0	0		**Pass**
$39 - EVAP Monitor (Cap Off / 0.150”)	TID $80 - Manufacturer Defined	0.94	0.08	655.35	V	**Pass**
$3B - EVAP Monitor (0.040”)	TID $80 - Manufacturer Defined	0.0314	0	0.9994		**Pass**
$3C - EVAP Monitor (0.020”)	TID $80 - Manufacturer Defined	0.0314	0	0.1717		**Pass**
$3C - EVAP Monitor (0.020”)	TID $81 - Manufacturer Defined	0.448	0.43	32.767	kPa	**Pass**
$3C - EVAP Monitor (0.020”)	TID $82 - Manufacturer Defined	32.767	0.1	32.767	kPa	**Pass**
$3D - Purge Flow Monitor	TID $83 - Manufacturer Defined	0.1	0.02	655.35	V	**Pass**

$41 - Exhaust Gas Sensor Heater Monitor Bank 1 – Sensor 1	TID $81 - Manufacturer Defined	1.39	0.39	4.779	V	**Pass**
$42 - Exhaust Gas Sensor Heater Monitor Bank 1 – Sensor 2	TID $80 - Manufacturer Defined	1.56	0.24	4.71	V	**Pass**
$45 - Exhaust Gas Sensor Heater Monitor Bank 2 – Sensor 1	TID $81 - Manufacturer Defined	1.4	0.39	4.779	V	**Pass**
$46 - Exhaust Gas Sensor Heater Monitor Bank 2 – Sensor 2	TID $80 - Manufacturer Defined	1.44	0.24	4.71	V	**Pass**
$81 - Fuel System Monitor Bank 1	TID $80 - Manufacturer Defined	102.27	73.01	133.99	%	**Pass**
$81 - Fuel System Monitor Bank 1	TID $81 - Manufacturer Defined	0	0	0	counts	**Pass**
$82 - Fuel System Monitor Bank 2	TID $80 - Manufacturer Defined	102.63	73.01	133.99	%	**Pass**
$82 - Fuel System Monitor Bank 2	TID $81 - Manufacturer Defined	0	0	0	counts	**Pass**
$A2 - Misfire Cylinder 1 Data	TID $0B - EWMA (Exponential Weighted Moving Average) misfire counts for last ten (10) driving cycles	0	0	65535	counts	**Pass**
$A2 - Misfire Cylinder 1 Data	TID $0C - Misfire counts for last/current driving cycles (calculated, rounded to an integer value)	0	0	65535	counts	**Pass**

$A3 - Misfire Cylinder 2 Data	TID $0B - EWMA (Exponential Weighted Moving Average) misfire counts for last ten (10) driving cycles	0	0	65535	counts	**Pass**
$A3 - Misfire Cylinder 2 Data	TID $0C - Misfire counts for last/current driving cycles (calculated, rounded to an integer value)	1	0	65535	counts	**Pass**
$A4 - Misfire Cylinder 3 Data	TID $0B - EWMA (Exponential Weighted Moving Average) misfire counts for last ten (10) driving cycles	0	0	65535	counts	**Pass**
$A4 - Misfire Cylinder 3 Data	TID $0C - Misfire counts for last/current driving cycles (calculated, rounded to an integer value)	0	0	65535	counts	**Pass**
$A5 - Misfire Cylinder 4 Data	TID $0B - EWMA (Exponential Weighted Moving Average) misfire counts for last ten (10) driving cycles	0	0	65535	counts	**Pass**
$A5 - Misfire Cylinder 4 Data	TID $0C - Misfire counts for last/current driving cycles (calculated, rounded to an integer value)	0	0	65535	counts	**Pass**
$A6 - Misfire Cylinder 5 Data	TID $0B - EWMA (Exponential Weighted Moving Average) misfire counts for last ten (10) driving cycles	0	0	65535	counts	**Pass**
$A6 - Misfire Cylinder 5 Data	TID $0C - Misfire counts for last/current driving cycles (calculated, rounded to an integer value)	0	0	65535	counts	**Pass**
$A7 - Misfire Cylinder 6 Data	TID $0B - EWMA (Exponential Weighted Moving Average) misfire counts for last ten (10)	0	0	65535	counts	**Pass**

	driving cycles					
$A7 - Misfire Cylinder 6 Data	TID $0C - Misfire counts for last/current driving cycles (calculated, rounded to an integer value)	0	0	65535	counts	**Pass**

Mode $09 - Vehicle Information

General Information

Description	Value
Vehicle Identification Number	xxxxxxxxxxxxxxxxx
Calibration ID - ECU 7E0	1JK87D
Calibration ID - ECU 7E0	RX2645
Calibration ID - ECU 7E0	VJK00A
Calibration Verification Number - ECU 7E0	0921F82C
Calibration Verification Number - ECU 7E0	000010A9

In-Performance Tracking

ECU	Counter	Description	Value
ECU 7E0	0x00	OBD Monitoring Conditions Encountered Counts	7736
ECU 7E0	0x01	Ignition Cycle Counter	14910
ECU 7E0	0x02	Catalyst Monitor Completion Counts Bank 1	11041
ECU 7E0	0x03	Catalyst Monitor Conditions Encountered Counts Bank 1	7726
ECU 7E0	0x04	Catalyst Monitor Completion Counts Bank 2	11053
ECU 7E0	0x05	Catalyst Monitor Conditions Encountered Counts Bank 2	7726
ECU 7E0	0x06	O2 Sensor Monitor Completion Counts Bank 1	9248
ECU 7E0	0x07	O2 Sensor Monitor Conditions Encountered Counts Bank 1	7735
ECU 7E0	0x08	O2 Sensor Monitor Completion Counts Bank 2	9203
ECU 7E0	0x09	O2 Sensor Monitor Conditions Encountered Counts Bank 2	7735
ECU 7E0	0x0A	EGR and/or VVT Monitor Completion Condition Counts	12837
ECU 7E0	0x0B	EGR and/or VVT Monitor Conditions Encountered Counts	7736

ECU 7E0	0x0E	EVAP Monitor Completion Condition Counts	4662
ECU 7E0	0x0F	EVAP Monitor Conditions Encountered Counts	2804