

Vehicle Diagnostic Report

2011 GX460 1UR-FE

4/25/2019 5:23:18 PM

Freeze Frame Data Report P1604(1 of 3)

Parameter	Value					Unit
	-3	-2	-1	0	1	
Vehicle Speed	0	0	0	0	0	MPH
Engine Speed	167	167	160	166	161	rpm
Calculate Load	95.6	95.6	100.0	100.0	95.6	%
Vehicle Load	68.2	67.8	123.9	78.4	52.1	%
MAF	5.20	5.20	9.04	5.95	3.85	gm/sec
Atmosphere Pressure	-1	-1	-1	-1	-1	psi(gauge)
MAP	14	14	14	14	14	psi
Coolant Temp	66	66	66	66	66	F
Intake Air	91	91	88	88	88	F
Ambient Temperature	63	63	63	63	63	F
Engine Run Time	0	0	0	0	0	s
Initial Engine Coolant Temp	66.7	66.7	66.7	66.7	66.7	F
Initial Intake Air Temp	93.7	91.6	90.5	89.2	88.2	F
Battery Voltage	10.566	10.527	10.449	10.585	10.468	V
Accel Sens. No.1 Volt %	16.0	16.0	48.6	55.2	20.7	%
Accel Sens. No.2 Volt %	32.1	32.1	64.3	71.7	36.8	%
Throttle Sensor Volt %	19.6	19.6	52.9	82.3	19.6	%
Throttle Sensor #2 Volt %	52.1	52.1	94.1	98.8	52.1	%
Throttle Sensor Position	0.7	0.7	31.7	63.1	0.3	%
Throttle Motor DUTY	19.6	19.6	60.7	81.5	19.6	%
Throttle Position	0.00	0.00	41.26	77.86	0.00	deg
ISC Flow	14.70	14.69	14.67	14.67	14.66	L/s
ISC Position	9.10	9.09	9.08	9.07	9.07	deg
ISC Feedback Value	0.00	0.00	0.00	0.00	0.00	L/s
ISC Learning Value	5.81	5.81	5.81	5.81	5.81	L/s
Electric Load Feedback Val	0.00	0.00	0.00	0.00	0.00	L/s
Air Conditioner FB Val	0.00	0.00	0.00	0.00	0.00	L/s
PS Feedback Val	0.00	0.00	0.00	0.00	0.00	L/s
Low Revolution Control	OFF	OFF	OFF	OFF	OFF	
N Range Status	ON	ON	ON	ON	ON	
Eng Stall Control FB Flow	0.00	0.00	0.00	0.00	0.00	L/s
Deposit Loss Flow	0.00	0.00	0.00	0.00	0.00	L/s
Injector (Port)	40792	38260	38480	38480	38480	us
Injection Volum (Cylinder1)	0.000	0.000	0.000	0.000	0.000	ml
Fuel Pump/Speed Status	ON	ON	ON	ON	ON	
Vacuum Pump	OFF	OFF	OFF	OFF	OFF	
Current Fuel Type	Gasoline/petrol	Gasoline/petrol	Gasoline/petrol	Gasoline/petrol	Gasoline/petrol	
EVAP (Purge) VSV	0.0	0.0	0.0	0.0	0.0	%
Evap Purge Flow	0.0	0.0	0.0	0.0	0.0	%
Purge Density Learn Value	0.000	0.000	0.000	0.000	0.000	
EVAP System Vent Valve	OFF	OFF	OFF	OFF	OFF	
EVAP Purge VSV	OFF	OFF	OFF	OFF	OFF	
Purge Cut VSV Duty	0.0	0.0	0.0	0.0	0.0	%
Target Air-Fuel Ratio	0.553	0.553	0.452	0.452	0.552	
AF Lambda B1S1	0.998	0.998	0.998	0.998	0.998	
AF Lambda B2S1	0.998	0.998	0.998	0.998	0.998	
AFS Voltage B1S1	3.298	3.298	3.298	3.298	3.298	V
AFS Voltage B2S1	3.298	3.298	3.298	3.298	3.298	V
AFS Current B1S1	0.00	0.00	0.00	0.00	0.00	mA
AFS Current B2S1	0.00	0.00	0.00	0.00	0.00	mA
A/F Heater Duty B1S1	0.0	0.0	0.0	0.0	0.0	%
A/F Heater Duty B2S1	0.0	0.0	0.0	0.0	0.0	%
O2S B1S2	0.000	0.000	0.000	0.000	0.000	V
O2S B2S2	0.000	0.000	0.000	0.000	0.000	V
O2S Impedance B1S2	21247.67	21247.67	21247.67	21247.67	21247.67	ohm
O2S Impedance B2S2	21247.67	21247.67	21247.67	21247.67	21247.67	ohm
O2 Heater B1S2	Not Act	Not Act	Not Act	Not Act	Not Act	
O2 Heater B2S2	Not Act	Not Act	Not Act	Not Act	Not Act	
O2 Heater Curr Val B1S2	0.000	0.000	0.000	0.000	0.000	A
O2 Heater Curr Val B2S2	0.000	0.000	0.000	0.000	0.000	A
Short FT B1S1	0.000	0.000	0.000	0.000	0.000	%
Long FT B1S1	0.000	0.000	0.000	0.000	0.000	%
Total FT #1	0.000	0.000	0.000	0.000	0.000	
Short FT B2S1	0.000	0.000	0.000	0.000	0.000	%

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Parameter	Value					Unit
	-3	-2	-1	0	1	
Long FT B2S1	0.000	0.000	0.000	0.000	0.000	%
Total FT #2	0.000	0.000	0.000	0.000	0.000	
Fuel System Status #1	OL	OL	OL	OL	OL	
Fuel System Status #2	OL	OL	OL	OL	OL	
Air Pump Pressure (Absolute)	-1	-1	-1	-1	-1	psi(gauge)
Air Pump2 Pressure (Absolute)	-1	-1	-1	-1	-1	psi(gauge)
Air Pump Pulsation Pressure	-14.73	-14.71	-14.73	-14.72	-14.70	psi(gauge)
Secondary Air Control VSV	OFF	OFF	OFF	OFF	OFF	
2nd Air System Status	OFF	OFF	OFF	OFF	OFF	
Atmosphere Adoption (Secondary Air)	OFF	OFF	OFF	OFF	OFF	
AI Test	NOT RDY	NOT RDY	NOT RDY	NOT RDY	NOT RDY	
Air Pump	OFF	OFF	OFF	OFF	OFF	
IGN Advance	0.0	0.0	0.0	0.0	0.0	deg
Knock Feedback Value	-3.0	-3.0	-3.0	-3.0	-3.0	deg (CA)
Knock Correct Learn Value	14.0	14.0	14.0	14.0	14.0	deg (CA)
Idle Spark Advn Ctrl #1	0.00	0.00	0.00	0.00	0.00	deg (CA)
Idle Spark Advn Ctrl #2	0.00	0.00	0.00	0.00	0.00	deg (CA)
Idle Spark Advn Ctrl #3	0.00	0.00	0.00	0.00	0.00	deg (CA)
Idle Spark Advn Ctrl #4	0.00	0.00	0.00	0.00	0.00	deg (CA)
Idle Spark Advn Ctrl #5	0.00	0.00	0.00	0.00	0.00	deg (CA)
Idle Spark Advn Ctrl #6	0.00	0.00	0.00	0.00	0.00	deg (CA)
Idle Spark Advn Ctrl #7	0.00	0.00	0.00	0.00	0.00	deg (CA)
Idle Spark Advn Ctrl #8	0.00	0.00	0.00	0.00	0.00	deg (CA)
ACIS VSV	OFF	OFF	OFF	OFF	OFF	
Target EGR Position	0.0	0.0	0.0	0.0	0.0	%
EGR Step Position	0	0	0	0	0	step
Actual VVT Angle #1	0.000	0.000	0.000	0.000	0.000	DegFR
Actual VVT Angle #2	0.000	0.000	0.000	0.000	0.000	DegFR
Actual VVT Ex Angle #1	0.000	0.000	0.000	0.000	0.000	DegFR
Actual VVT Ex Angle #2	0.000	0.000	0.000	0.000	0.000	DegFR
VVT Control Status #1	OFF	OFF	OFF	OFF	OFF	
VVT Control Status #2	OFF	OFF	OFF	OFF	OFF	
VVT Advance Fail	OFF	OFF	OFF	OFF	OFF	
Catalyst Temp B1S1	-40.0	-40.0	-40.0	-40.0	-40.0	F
Catalyst Temp B2S1	-40.0	-40.0	-40.0	-40.0	-40.0	F
Catalyst Temp B1S2	-40.0	-40.0	-40.0	-40.0	-40.0	F
Catalyst Temp B2S2	-40.0	-40.0	-40.0	-40.0	-40.0	F
Starter Signal	ON	ON	ON	ON	ON	
Power Steering Signal	OFF	OFF	OFF	OFF	OFF	
Neutral Position SW Signal	OFF	OFF	OFF	OFF	OFF	
Transfer L4	OFF	OFF	OFF	OFF	OFF	
Stop Light Switch	ON	ON	OFF	OFF	OFF	
A/C Signal	OFF	OFF	OFF	OFF	OFF	
Idle Up Signal	OFF	OFF	OFF	OFF	OFF	
Closed Throttle Position SW	ON	ON	OFF	OFF	ON	
Fuel Cut Condition	OFF	OFF	OFF	OFF	OFF	
Immobiliser Communication	ON	ON	ON	ON	ON	
TC Terminal	OFF	OFF	OFF	OFF	OFF	
Time after DTC Cleared	43	43	43	43	43	min
Distance from DTC Cleared	0	0	0	0	0	mile
Warmup Cycle Cleared DTC	0	0	0	0	0	
Dist Batt Cable Disconnect	0	0	0	0	0	mile
IG OFF Elapsed Time	2710	2710	2710	2710	2710	min
TC and TE1	OFF	OFF	OFF	OFF	OFF	
Ignition Trig. Count	0	0	0	0	0	
Cylinder #1 Misfire Count	0	0	0	0	0	
Cylinder #2 Misfire Count	0	0	0	0	0	
Cylinder #3 Misfire Count	0	0	0	0	0	
Cylinder #4 Misfire Count	0	0	0	0	0	
Cylinder #5 Misfire Count	0	0	0	0	0	
Cylinder #6 Misfire Count	0	0	0	0	0	
Cylinder #7 Misfire Count	0	0	0	0	0	
Cylinder #8 Misfire Count	0	0	0	0	0	

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Parameter	Value					Unit
	-3	-2	-1	0	1	
All Cylinders Misfire Count	0	0	0	0	0	
Multi Cylinders Misfire Count	0	0	0	0	0	
Misfire RPM	0	0	0	0	0	rpm
Misfire Load	0.00	0.00	0.00	0.00	0.00	g/rev
Misfire Margin	127.00	127.00	127.00	127.00	127.00	%
Catalyst OT MF F/C	Avail	Avail	Avail	Avail	Avail	
Cat OT MF F/C History	OFF	OFF	OFF	OFF	OFF	
Cat OT MF F/C Cylinder#1	OFF	OFF	OFF	OFF	OFF	
Cat OT MF F/C Cylinder#2	OFF	OFF	OFF	OFF	OFF	
Cat OT MF F/C Cylinder#3	OFF	OFF	OFF	OFF	OFF	
Cat OT MF F/C Cylinder#4	OFF	OFF	OFF	OFF	OFF	
Cat OT MF F/C Cylinder#5	OFF	OFF	OFF	OFF	OFF	
Cat OT MF F/C Cylinder#6	OFF	OFF	OFF	OFF	OFF	
Cat OT MF F/C Cylinder#7	OFF	OFF	OFF	OFF	OFF	
Cat OT MF F/C Cylinder#8	OFF	OFF	OFF	OFF	OFF	
Engine Speed (Starter Off)	0	0	0	0	0	rpm
Starter Count	1	1	1	1	1	
Run Dist of Previous Trip	0.00	0.00	0.00	0.00	0.00	mile
Engine Starting Time	730	1260	1780	1990	2310	ms
Previous Trip Coolant Temp	176	176	176	176	176	F
Previous Trip Intake Temp	104	104	104	104	104	F
Engine Oil Temperature	73	73	73	73	73	F
Previous Trip Eng Oil Temp	176	176	176	176	176	F
Ambient Temp for A/C	59	59	59	59	59	F
Previous Trip Ambient Temp	77	77	77	77	77	F
Engine Start Hesitation	OFF	OFF	OFF	ON	ON	
Low Rev for Eng Start	OFF	OFF	OFF	OFF	OFF	
Minimum Engine Speed	12800	12800	12800	12800	12800	rpm
A/F Learn Value Idle #1	0.0	0.0	0.0	0.0	0.0	%
A/F Learn Value Low #1	0.0	0.0	0.0	0.0	0.0	%
A/F Learn Value Mid1 #1	0.0	0.0	0.0	0.0	0.0	%
A/F Learn Value Mid2 #1	0.0	0.0	0.0	0.0	0.0	%
A/F Learn Value High #1	0.0	0.0	0.0	0.0	0.0	%
A/F Learn Value Idle #2	0.0	0.0	0.0	0.0	0.0	%
A/F Learn Value Low #2	0.0	0.0	0.0	0.0	0.0	%
A/F Learn Value Mid1 #2	0.0	0.0	0.0	0.0	0.0	%
A/F Learn Value Mid2 #2	0.0	0.0	0.0	0.0	0.0	%
A/F Learn Value High #2	0.0	0.0	0.0	0.0	0.0	%
Power Steering Pressure	0.177	0.195	0.195	0.195	0.158	MPa
ACT VSV	OFF	OFF	OFF	OFF	ON	
Idle Fuel Cut	OFF	OFF	OFF	OFF	OFF	
FC TAU	OFF	OFF	OFF	OFF	OFF	
Immobiliser Fuel Cut	OFF	OFF	OFF	OFF	OFF	
Immobiliser Fuel Cut History	OFF	OFF	OFF	OFF	OFF	
Comm with Power Manage	Comm	Comm	Comm	Comm	Comm	
Comm with Air Conditioner	Comm	Comm	Comm	Comm	Comm	
Electrical Load Signal 1	OFF	OFF	OFF	OFF	OFF	
Electrical Load Signal 2	OFF	OFF	OFF	OFF	OFF	
Electrical Load Signal 3	OFF	OFF	OFF	OFF	OFF	
Cruise Cancel Signal	OFF	OFF	OFF	OFF	OFF	
SPD (NT)	0	0	0	0	0	rpm
SPD (SP2)	0	0	0	0	0	MPH
Shift SW Status (P Range)	ON	ON	ON	ON	ON	
Shift SW Status (R Range)	OFF	OFF	OFF	OFF	OFF	
Shift SW Status (N Range)	OFF	OFF	OFF	OFF	OFF	
Sports Shift Up SW	OFF	OFF	OFF	OFF	OFF	
Sports Shift Down SW	OFF	OFF	OFF	OFF	OFF	
Sports Mode Selection SW	OFF	OFF	OFF	OFF	OFF	
Snow Switch Status	OFF	OFF	OFF	OFF	OFF	
Shift SW Status (D Range)	OFF	OFF	OFF	OFF	OFF	
A/T Oil Temperature 1	74.7	74.7	74.7	74.7	74.7	F
A/T Oil Temperature 2	75.7	75.7	75.7	75.7	75.7	F
Lock Up	OFF	OFF	OFF	OFF	OFF	
Shift Status	1st	1st	1st	1st	1st	
SLT Solenoid Status	ON	ON	OFF	OFF	ON	
SLU Solenoid Status	OFF	OFF	OFF	OFF	OFF	
Off-road Guidance Status	OFF	OFF	OFF	OFF	OFF	
Snow or 2nd Start Mode	OFF	OFF	OFF	OFF	OFF	