Vehicle Diagnostic Report

2008 Prius 1NZ-FXE

JTDKB20U083376452

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Freeze Frame Data Report
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Parameter	Value					Unit
	-3	-2	-1	0	1	
Vehicle Speed	0	0	0	0	0	MPH
Engine Speed	1210	1233	1257	1280	1282	rpm
Calculate Load	100.0	100.0	100.0	100.0	100.0	%
Vehicle Load	61.1	61.1	60.7	60.3	60.7	%
MAF	11.03	11.18	11.37	11.50	11.56	gm/sec
Atmosphere Pressure	-0	-0	-0	-0	-0	psi(gauge)
Coolant Temp	68	70	70	70	70	F
Intake Air	68	68	68	68	68	F
Ambient Temperature	66	66	66	66	66	F
Engine Run Time	11	11	12	12	12	s
Initial Engine Coolant Temp	64.6	64.6	64.6	64.6	64.6	F
Initial Intake Air Temp	65.7	65.7	65.7	65.7	65.7	F
Battery Voltage	14.3	14.3	14.3	14.3	14.3	V
Accelerator Idle Position	OFF	OFF	OFF	OFF	OFF	
Throttle Sensor Volt %	25.4	25.4	25.4	25.4	25.4	%
Throttle Sensor #2 Volt %	61.9	61.9	61.9	61.9	61.9	%
ST1	OFF	OFF	OFF	OFF	OFF	
System Guard	ON	ON	ON	ON	ON	
Open Side Malfunction	OFF	OFF	OFF	OFF	OFF	
Throttle Idle Position	OFF	OFF	OFF	OFF	OFF	
Throttle Require Position	1.2	1.2	1.2	1.2	1.2	V
Throttle Sensor Position	8.2	8.2	8.2	8.2	8.2	%
Throttle Position No.1	1.2	1.2	1.2	1.2	1.2	V
Throttle Position No.2	3.0	3.0	3.0	3.0	3.0	V
Throttle Position Command	1.2	1.2	1.2	1.2	1.2	V
Throttle Sens Open Pos #1	0.7	0.7	0.7	0.7	0.7	V
Throttle Sens Open Pos #2	1.8	1.8	1.8	1.8	1.8	V
Throttle Sens Open #1(AD)	1.2	1.2	1.2	1.2	1.2	V
Throttle Motor	ON	ON	ON	ON	ON	
Throttle Motor Current	0.4	0.4	0.4	0.5	0.4	A
Throttle Motor DUTY	25.4	25.4	25.4	25.4	25.4	%
Throttle Motor Duty (Open)	8	8	7	11	8	%
Throttle Motor Duty (Close)	0	0	0	0	0	%
Throttle Fully Close Learn	0.5	0.5	0.5	0.5	0.5	V
ETCS Actuator Power	ON	ON	ON	ON	ON	
+BM Voltage	14.4	14.4	14.4	14.4	14.4	
Actuator Power Supply	ON	ON	ON	ON	ON	
Electromagnetic Clutch	OFF	OFF	OFF	OFF	OFF	
Fail Safe Drive	OFF	OFF	OFF	OFF	OFF	
Fail Safe Drive (Main CPU)	OFF	OFF	OFF	OFF	OFF	
Injector (Port)	11.90	11.26	11.00	10.49	10.49	ms
Injection Volum (Cylinder1)	0.413	0.413	0.396	0.396	0.371	ml
Fuel Pump/Speed Status	ON	ON	ON	ON	ON	
Vacuum Pump	OFF	OFF	OFF	OFF	OFF	
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	
Tank Bypass VSV	OFF	OFF	OFF	OFF	OFF	
EVAP Purge VSV	OFF	OFF	OFF	OFF	OFF	
Target Air-Fuel Ratio	1.054	1.055	1.056	1.057	1.057	
AF Lambda B1S1	1.232	1.232	1.232	1.232	1.232	
AFS Voltage B1S1	4.99	4.99	4.99	4.99	4.99	V
O2S B1S2	0.01	0.01	0.01	0.01	0.01	V
O2S Impedance B1S2	21247.67	21247.67	21247.67	21247.67	21247.67	ohm
Short FT B1S1	20.3	20.3	20.3	19.5	20.3	%
Long FT B1S1	3.9	3.9	3.9	3.9	3.9	%
Total FT #1	0.000	0.000	0.000	0.000	0.000	

Freeze Frame Data Report
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Parameter	Value					Unit
	-3	-2	-1	0	1	
Fuel System Status #1	CL	CL	CL	CL	CL	
Fuel System Status #2	Unused	Unused	Unused	Unused	Unused	
IGN Advance	6.0	6.5	7.0	7.5	7.5	deg
Knock Feedback Value	-3.0	-3.0	-3.0	-3.0	-3.0	deg (CA)
Knock Correct Learn Value	21.9	21.9	21.9	21.9	21.9	deg (CA)
VVT Control Status #1	ON	ON	ON	ON	ON	
Catalyst Temp B1S1	216.1	237.4	237.4	258.6	258.6	F
Catalyst Temp B1S2	81.3	84.2	84.2	87.4	87.4	F
Closed Throttle Position SW	OFF	OFF	OFF	OFF	OFF	
Engine Oil Pressure SW	OFF	OFF	OFF	OFF	OFF	
Time after DTC Cleared	2	2	2	2	2	min
Distance from DTC Cleared	0	0	0	0	0	mile
Warmup Cycle Cleared DTC	0	0	0	0	0	
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	
All 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	92.18	94.53	94.53	93.75	93.75	%
Electric Fan Motor	OFF	OFF	OFF	OFF	OFF	
Idle Fuel Cut	OFF	OFF	OFF	OFF	OFF	
FC TAU	OFF	OFF	OFF	OFF	OFF	
Requested Engine Torque	15.75	15.75	15.75	15.75	15.75	kW
HV Target Engine Speed	1300	1300	1300	1300	1300	rpm
Actual Engine Torque	-15	-16	-16	-16	-16	Nm
Estimated Engine Torque	74	74	74	74	74	Nm
Engine Run Time	11	11	12	13	13	s
Request Engine Run Time	1.6	1.6	1.6	1.6	1.6	s
Judge Time Engine Ignition	2.3	2.3	2.3	2.3	2.3	s
Judge Time Engine Output	4.5	5.0	5.5	6.0	6.1	s
Estimated Intake Port Temp	68	70	70	70	70	F
Fuel Level	Empty	Empty	Empty	Empty	Empty	
ISC Learning	Incmpl	Incmpl	Incmpl	Incmpl	Incmpl	
F/C for Engine Stop Req	OFF	OFF	OFF	OFF	OFF	
Engine Independent	Not Opr	Not Opr	Not Opr	Not Opr	Not Opr	
Racing Operation	Not Opr	Not Opr	Not Opr	Not Opr	Not Opr	
Request Warm-up	Request	Request	Request	Request	Request	
Engine Independent Control	Not Opr	Not Opr	Not Opr	Not Opr	Not Opr	
Tank Outlet Water Temp	88	88	88	88	88	F
Water Flow Valve	4.49	4.49	4.49	4.49	4.49	V
ISC Learning Value	3.04	3.04	3.04	3.04	3.04	L/s
Direction Value 1	4.499	4.499	4.499	4.499	4.499	V
Direction Value 2	0.000	0.000	0.000	0.000	0.000	V