

# Vehicle Diagnostic Report

2006 Prius 1NZ-FXE

JTDKB20UX67501866

Atomic Auto  
610 NE 102nd AVE  
Portland, OR 97220

service@atomicauto.com  
www.atomicauto.com

Printed By: Default User(1)

4/6/2021 4:47:07 PM

## Freeze Frame Data Report

P1121(1 of 2)

Parameter	Value					Unit
	-3	-2	-1	0	1	
Vehicle Speed	26	26	27	27	26	MPH
Engine Speed	1269	1268	1263	1263	1196	rpm
Calculate Load	81.5	81.9	81.5	81.9	75.2	%
Vehicle Load	45.0	44.3	45.8	45.4	14.5	%
MAF	8.54	8.39	8.59	8.51	2.62	gm/sec
Atmosphere Pressure	-0	-0	-0	-0	-0	psi(gauge)
Coolant Temp	181	181	181	181	181	F
Intake Air	113	113	113	113	113	F
Ambient Temperature	86	86	86	86	86	F
Engine Run Time	161	162	162	162	163	s
Initial Engine Coolant Temp	134.2	134.2	134.2	134.2	134.2	F
Initial Intake Air Temp	123.1	123.1	123.1	123.1	123.1	F
Battery Voltage	13.5	13.5	13.5	13.6	13.6	V
Accelerator Idle Position	OFF	OFF	OFF	OFF	OFF	
Throttle Sensor Volt %	22.3	22.3	22.3	22.3	14.5	%
Throttle Sensor #2 Volt %	56.8	56.8	56.8	56.8	47.0	%
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	1.1	1.1	1.1	1.1	0.7	V
Throttle Sensor Position	7.8	7.8	7.8	7.8	0.0	%
Throttle Position No.1	1.1	1.1	1.1	1.1	0.7	V
Throttle Position No.2	2.8	2.8	2.8	2.8	2.3	V
Throttle Position Command	1.1	1.1	1.1	1.1	0.7	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)	1.1	1.1	1.1	1.1	0.7	V
Throttle Motor	ON	ON	ON	ON	ON	
Throttle Motor Current	0.3	0.4	0.5	0.5	0.1	A
Throttle Motor DUTY	22.3	22.3	22.3	22.3	14.5	%
Throttle Motor Duty (Open)	9	11	11	11	6	%
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	13.7	13.7	13.7	13.7	13.7	
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)	5.76	5.63	5.63	5.63	2.94	ms
Injection Volum (Cylinder1)	0.193	0.193	0.191	0.191	0.174	ml
Fuel Pump/Speed Status	ON	ON	ON	ON	ON	
Vacuum Pump	OFF	OFF	OFF	OFF	OFF	
EVAP (Purge) VSV	10.9	11.7	12.5	12.5	9.8	%
Evap Purge Flow	0.4	0.4	0.5	0.5	0.7	%
Purge Density Learn Value	-0.654	-0.654	-0.654	-0.654	-0.654	
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	0.992	0.992	0.992	0.992	0.998	
AF Lambda B1S1	0.984	0.991	0.984	0.984	0.989	
AFS Voltage B1S1	3.25	3.28	3.25	3.24	3.26	V
O2S B1S2	0.83	0.82	0.82	0.82	0.82	V
O2S Impedance B1S2	192.91	193.23	191.93	191.93	189.66	ohm
Short FT B1S1	-0.8	-1.6	-2.4	-2.4	-2.4	%
Long FT B1S1	1.5	1.5	1.5	1.5	1.5	%
Total FT #1	0.011	0.011	0.011	0.011	0.011	

**Freeze Frame Data Report**  
P1121(2 of 2)

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	13.5	13.5	13.5	13.5	14.0	deg
Knock Feedback Value	-3.0	-3.0	-3.0	-3.0	-3.0	deg (CA)
Knock Correct Learn Value	23.6	23.6	23.6	23.6	23.6	deg (CA)
VVT Control Status #1	ON	ON	ON	ON	OFF	
Catalyst Temp B1S1	1039.6	1038.9	1038.9	1038.9	1036.8	F
Catalyst Temp B1S2	608.9	610.5	610.5	610.5	612.1	F
Closed Throttle Position SW	OFF	OFF	OFF	OFF	ON	
Engine Oil Pressure SW	OFF	OFF	OFF	OFF	OFF	
Time after DTC Cleared	7881	7881	7881	7881	7881	min
Distance from DTC Cleared	3257	3257	3257	3257	3257	mile
Warmup Cycle Cleared DTC	255	255	255	255	255	
TC and TE1	OFF	OFF	OFF	OFF	OFF	
Ignition Trig. Count	0	0	0	0	359	
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	81.25	75.00	75.00	75.00	69.53	%
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	9.25	9.50	9.50	9.50	0.00	kW
HV Target Engine Speed	1250	1250	1250	1250	1100	rpm
Actual Engine Torque	66	68	66	65	52	Nm
Estimated Engine Torque	60	60	60	60	44	Nm
Engine Run Time	207	208	208	208	209	s
Request Engine Run Time	10.9	10.9	10.9	10.9	10.9	s
Judge Time Engine Ignition	2.9	2.9	2.9	2.9	2.9	s
Judge Time Engine Output	0.0	0.0	0.0	0.0	0.0	s
Estimated Intake Port Temp	181	181	181	181	181	F
Fuel Level	Not Emp	Not Emp	Not Emp	Not Emp	Not Emp	
ISC Learning	Compl	Compl	Compl	Compl	Compl	
F/C for Engine Stop Req	OFF	OFF	OFF	OFF	OFF	
Engine Independent	Not Opr	Not Opr	Not Opr	Not Opr	Operate	
Racing Operation	Not Opr	Not Opr	Not Opr	Not Opr	Not Opr	
Request Warm-up	Not Req	Not Req	Not Req	Not Req	Not Req	
Engine Independent Control	Not Opr	Not Opr	Not Opr	Not Opr	Not Opr	
Tank Outlet Water Temp	154	154	153	153	153	F
Water Flow Valve	4.23	4.29	4.60	4.60	4.31	V
ISC Learning Value	2.10	2.10	2.10	2.10	2.10	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