

Vehicle Diagnostic Report

2005 Prius 1NZ-FXE

JTDKB20U350129813

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Diagnostic Trouble Code Report

Engine and ECT(1 of 1)

DTC Monitors are Incomplete.

MIL: ON

Code	Description	Current	Pending	History	Permanent	Summary	Freeze Frame
P0016	Crankshaft Position - Camshaft Position Correlation (Bank 1 Sensor A)	X	X	X		Icon B	Y

Freeze Frame Data Report

P0016(1 of 2)

Parameter	Value					Unit
	-3	-2	-1	0	1	
Vehicle Speed	0	0	0	0	0	MPH
Engine Speed	1296	1335	1310	1316	1257	rpm
Calculate Load	39.2	39.2	40.0	39.2	40.0	%
Vehicle Load	39.2	37.6	38.4	38.4	39.6	%
MAF	7.54	7.50	7.51	7.51	7.39	gm/sec
Atmosphere Pressure	-1	-1	-1	-1	-1	psi(gauge)
Coolant Temp	57	57	57	57	57	F
Intake Air	45	45	45	45	45	F
Ambient Temperature	46	46	46	46	46	F
Engine Run Time	23	24	24	24	25	s
Initial Engine Coolant Temp	51.1	51.1	51.1	51.1	51.1	F
Initial Intake Air Temp	51.1	51.1	51.1	51.1	51.1	F
Battery Voltage	14.1	14.1	14.1	14.1	14.1	V
Accelerator Idle Position	OFF	OFF	OFF	OFF	OFF	
Throttle Sensor Volt %	20.7	20.7	20.7	20.7	20.7	%
Throttl Sensor #2 Volt %	56.4	56.4	56.4	56.4	56.4	%
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	1.0	1.0	1.0	1.0	1.0	V
Throttle Sensor Position	3.5	3.5	3.5	3.5	3.5	%
Throttle Position No.1	1.0	1.0	1.0	1.0	1.0	V
Throttle Position No.2	2.8	2.8	2.8	2.8	2.8	V
Throttle Position Command	1.0	1.0	1.0	1.0	1.0	V
Throttle Sens Open Pos #1	0.7	0.7	0.7	0.7	0.7	V
Throttle Sens Open Pos #2	1.9	1.9	1.9	1.9	1.9	V
Throttle Sens Open #1(AD)	1.0	1.0	1.0	1.0	1.0	V
Throttle Motor	ON	ON	ON	ON	ON	
Throttle Motor Current	0.4	0.4	0.4	0.4	0.4	A
Throttle Motor DUTY	20.7	20.7	20.7	20.7	20.7	%
Throttle Motor Duty (Open)	6	6	6	6	6	%
Throttle Motor Duty (Close)	0	0	0	0	0	%
Throttle Fully Close Learn	0.6	0.6	0.6	0.6	0.6	V
ETCS Actuator Power	ON	ON	ON	ON	ON	
+BM Voltage	14.2	14.2	14.2	14.2	14.2	
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)	4.99	4.86	4.86	4.86	4.99	ms
Injection Volum (Cylinder1)	0.165	0.165	0.165	0.165	0.165	ml
Fuel Pump/Speed Status	ON	ON	ON	ON	ON	
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	

Freeze Frame Data Report
P0016(2 of 2)

Parameter	Value					Unit
	-3	-2	-1	0	1	
Tank Bypass VSV	OFF	OFF	OFF	OFF	OFF	
Canister Control VSV	OFF	OFF	OFF	OFF	OFF	
EVAP Purge VSV	OFF	OFF	OFF	OFF	OFF	
Target Air-Fuel Ratio	1.004	1.004	1.004	1.004	0.998	
AF Lambda B1S1	1.003	1.002	0.994	0.995	1.005	
AFS Voltage B1S1	3.35	3.34	3.30	3.31	3.34	V
O2S B1S2	0.01	0.01	0.01	0.01	0.01	V
Short FT B1S1	-0.8	0.0	-0.8	-0.8	0.0	%
Long FT B1S1	-5.5	-5.5	-5.5	-5.5	-5.5	%
Total FT #1	0.000	0.000	0.000	0.000	0.000	
Fuel System Status #1	CL	CL	CL	CL	CL	
Fuel System Status #2	Unused	Unused	Unused	Unused	Unused	
IGN Advance	-5.0	-5.0	-5.0	-5.0	-5.5	deg
Knock Feedback Value	-3.0	-3.0	-3.0	-3.0	-3.0	deg (CA)
Knock Correct Learn Value	20.4	20.4	20.4	20.4	20.4	deg (CA)
VVT Control Status #1	OFF	OFF	OFF	OFF	OFF	
Catalyst Temp B1S1	331.9	331.9	342.3	342.3	342.3	F
Catalyst Temp B1S2	101.7	101.7	105.1	105.1	105.1	F
Closed Throttle Position SW	OFF	OFF	OFF	OFF	OFF	
Engine Oil Pressure SW	OFF	OFF	OFF	OFF	OFF	
Time after DTC Cleared	17	17	17	17	17	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	2	2	2	2	2	
Cylinder #2 Misfire Count	0	0	0	0	0	
Cylinder #3 Misfire Count	1	1	1	1	1	
Cylinder #4 Misfire Count	1	2	2	2	2	
All Cylinders Misfire Count	6	7	7	7	7	
Misfire RPM	0	0	0	0	0	rpm
Misfire Load	0.00	0.00	0.00	0.00	0.00	g/rev
Misfire Margin	19.53	19.53	-13.29	-13.29	-13.29	%
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	3.50	3.50	3.50	3.50	3.50	kW
HV Target Engine Speed	1300	1300	1300	1300	1300	rpm
Actual Engine Torque	-1	1	3	3	1	Nm
Estimated Engine Torque	48	48	48	48	48	Nm
Engine Run Time	24	24	25	25	25	s
Request Engine Run Time	0.0	0.0	0.0	0.0	0.0	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	57	57	57	57	57	F
Fuel Level	Not Emp	Not Emp	Not Emp	Not Emp	Not Emp	
ISC Learning	Incml	Incml	Incml	Incml	Incml	
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	43	43	43	43	43	F
Water Flow Valve	4.49	4.49	4.49	4.49	4.49	V
ISC Learning Value	2.34	2.34	2.34	2.34	2.34	L/s

Monitor Status Report
Engine and ECT(1 of 2)

Monitor Summary

Monitor	Cumulative	Result	Summary
Misfire	Available		Infinity
Fuel System	Available	-	Infinity
Composition Parts	Available	-	Infinity
Catalyst Efficiency	Incomplete	Pass	?
Heated Catalyst	N/A	-	N/A
Evaporative System	Incomplete	Pass	?
Secondary Air System	N/A	-	N/A

Monitor Status Report
Engine and ECT(2 of 2)

Monitor	Cumulative	Result	Summary
A/C System	N/A	-	N/A
O2 Sensor	Incomplete	Pass	?
O2 Sensor Heater	N/A	-	N/A
Exhaust Gas Recirculation / VVT	N/A	-	N/A
Thermostat		-	

Techstream (Ver 12.20.024) - 10238

File Function Setup TIS User Help

System Select | Stored Data | Customize | **Engine and ECT Live**

2005 Prius
 1NZ-FXE

JTDKB20U350129813

Trouble Codes
 Data List
 Active Test
 Monitor
 Utility
 Dual Data List

TIS Search
 Print
 Close

Freeze Frame Data

P0016 Crankshaft Position - Camshaft Position Correlation (Bank 1 Sensor A)

*N/A=Not Available

Parameter	Unit	-3	-2	-1	0	1
Vehicle Speed	MPH	0	0	0	0	0
Engine Speed	rpm	1296	1335	1310	1316	1257
Calculate Load	%	39.2	39.2	40.0	39.2	40.0
Vehicle Load	%	39.2	37.6	38.4	38.4	39.6
MAF	gm/sec	7.54	7.50	7.51	7.51	7.39
Atmosphere Pressure	psi(gauge)	-1	-1	-1	-1	-1
Coolant Temp	F	57	57	57	57	57
Intake Air	F	45	45	45	45	45
Ambient Temperature	F	46	46	46	46	46
Engine Run Time	s	23	24	24	24	25
Initial Engine Coolant Temp	F	51.1	51.1	51.1	51.1	51.1
Initial Intake Air Temp	F	51.1	51.1	51.1	51.1	51.1
Battery Voltage	V	14.1	14.1	14.1	14.1	14.1
Accelerator Idle Position		OFF	OFF	OFF	OFF	OFF
Throttle Sensor Volt %	%	20.7	20.7	20.7	20.7	20.7
Throttl Sensor #2 Volt %	%	56.4	56.4	56.4	56.4	56.4
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	V	1.0	1.0	1.0	1.0	1.0
Throttle Sensor Position	%	3.5	3.5	3.5	3.5	3.5
Throttle Position No.1	V	1.0	1.0	1.0	1.0	1.0

All Data
 Sort A to Z
 Sort by Variable Item

S304-04 Engine and ECT Default User Vnet 8 Internet access