

# Vehicle Diagnostic Report

2005 Prius 1NZ-FXE

CHARLES BARKER TOYOTA  
1877 LASKIN ROAD  
VA.BEACH, VA  
23454

Printed By: Don Miller(832)

10/12/2012 1:01:00 PM

## Diagnostic Trouble Code Report Transmission Control(1 of 1)

Code	Description	Current	Pending	History	Summary	Freeze Frame
C2318	Low Voltage Error (Power Supply Malfunction)	X			Icon C	Y

## Freeze Frame Data Report C2318(Current)(1 of 1)

Parameter	Value	Unit
Shift Pos Display (P)	ON	
Shift Pos Display (Not P)	OFF	
Master Caution Display	Disp	
PSW Indicator Mode	ON	
U Phase Voltage Value	9.53	V
V Phase Voltage Value	9.53	V
W Phase Voltage Value	9.53	V
Battery Voltage Value	9.29	V
IG(+B) Voltage Value	9.29	V
P Sply OFF Prepare Rqst Sig	OFF	
Cmplte of Learn Lck Pos	OK	
Cmplte of Learn Unlck Pos	OK	
# of Trip Cntr after Learn	523	
Main Relay for Motor Drive	ON	
Sig of Electric Key Cond	ON	
U Phase Crnt-Carry Status	OFF	
V Phase Crnt-Carry Status	OFF	
W Phase Crnt-Carry Status	OFF	
U Phase Voltage Status	ON	
V Phase Voltage Status	ON	
W Phase Voltage Status	ON	
Battery Voltage Status	OFF	
IG(+B) Phase Vol Status	OFF	
ACC Condition Signal	ON	
Init Drv Cntrl Completed	OK	
Cmplte of Detct Lck Pos	OK	
Cmplte of Detct Unlck Pos	NG	
P/Not P Move Shift Range	Set	
Main Relay	Normal	
Vehicle Condition	Stop	
Fail Rank	1	
Type of ECU	1	
Detail Information1	0	
Detail Information2	0	
Detail Information3	20	

# Freeze Frame Data Screen Image

## Transmission Control(1 of 1)

Techstream (Ver 7.20.041) - 10239

File Function Setup TIS User Help

System Select | Stored Data | Engine and ECT Live | Transmission Control Live

2005 Prius  
1NZ-FXE

Input VIN

Trouble Codes

Data List

Active Test

Monitor

Utility

Deal Data List

TIS Search

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### Freeze Frame Data

#### C2318 Low Voltage Error (Power Supply Malfunction)

Current FFD

Parameter	Value	Unit	Parameter	Value	Unit
Shift Pos Display (P)	ON		ACC Condition Signal	ON	
Shift Pos Display (Not P)	OFF		Init Drv Cntrl Completed	OK	
Master Caution Display	Disp		Cmplte of Detct Lck Pos	OK	
PSW Indicator Mode	ON		Cmplte of Detct Unlck Pos	NG	
U Phase Voltage Value	9.53	V	P/Not P Move Shift Range	Set	
V Phase Voltage Value	9.53	V	Main Relay	Normal	
W Phase Voltage Value	9.53	V	Vehicle Condition	Stop	
Battery Voltage Value	9.29	V	Fail Rank	1	
IG(+B) Voltage Value	9.29	V	Type of ECU	1	
P Sply OFF Prepare Rqst Sig	OFF		Detail Information1	0	
Cmplte of Learn Lck Pos	OK		Detail Information2	0	
Cmplte of Learn Unlck Pos	OK		Detail Information3	20	
# of Trip Cntr after Learn	523				
Main Relay for Motor Drive	ON				
Sig of Electric Key Cond	ON				
U Phase Cmt-Carry Status	OFF				
V Phase Cmt-Carry Status	OFF				
W Phase Cmt-Carry Status	OFF				
U Phase Voltage Status	ON				
V Phase Voltage Status	ON				
W Phase Voltage Status	ON				
Battery Voltage Status	OFF				
IG(+B) Phase Vol Status	OFF				

All Data

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DLC 3

# Vehicle Diagnostic Report

2005 Prius 1NZ-FXE

CHARLES BARKER TOYOTA  
1877 LASKIN ROAD  
VA.BEACH, VA  
23454

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10/12/2012 1:00:23 PM

## Diagnostic Trouble Code Report Engine and ECT(1 of 1)

DTC Monitors are Complete.

MIL: ON

Code	Description	Current	Pending	History	Permanent	Summary	Freeze Frame
P0505	Idle Control System	X		X		Icon E	Y

## Freeze Frame Data Report P0505(1 of 2)

Parameter	-3	-2	-1	0	1	Unit
Vehicle Speed	0	0	0	0	0	MPH
Engine Speed	983	982	991	989	992	rpm
Calculate Load	16.0	16.4	16.4	16.4	16.0	%
Vehicle Load	15.6	16.0	16.0	16.0	15.6	%
MAF	2.31	2.35	2.39	2.40	2.35	gm/sec
Atmosphere Pressure	-1	-1	-1	-1	-1	psi(gauge)
Coolant Temp	158	158	158	158	158	F
Intake Air	70	70	70	72	70	F
Ambient Temperature	59	59	59	59	59	F
Engine Run Time	276	276	277	277	277	s
Initial Engine Coolant Temp	80.2	80.2	80.2	80.2	80.2	F
Initial Intake Air Temp	72.5	72.5	72.5	72.5	72.5	F
Battery Voltage	14.2	14.2	14.2	14.2	14.2	V
Accelerator Idle Position	OFF	OFF	OFF	OFF	OFF	
Throttle Sensor Volt %	16.0	16.0	16.0	16.0	16.0	%
Thrott Sensor #2 Volt %	50.5	50.9	50.9	50.9	50.9	%
ST1	OFF	OFF	OFF	OFF	OFF	
System Guard	ON	ON	ON	ON	ON	
Open Side Malfunction	OFF	OFF	OFF	OFF	OFF	
Throttle Idle Position	ON	ON	ON	ON	ON	
Throttle Require Position	0.8	0.8	0.8	0.8	0.8	V
Throttle Sensor Position	0.0	0.0	0.0	0.0	0.0	%
Throttle Position No.1	0.8	0.8	0.8	0.8	0.8	V
Throttle Position No.2	2.5	2.5	2.5	2.5	2.5	V
Throttle Position Command	0.8	0.8	0.8	0.8	0.8	V
Throttle Sens Open Pos #1	0.6	0.6	0.6	0.6	0.6	V
Throttle Sens Open Pos #2	1.9	1.9	1.9	1.9	1.9	V
Throttle Sens Open #1(AD)	0.8	0.8	0.8	0.8	0.8	V
Throttle Motor	ON	ON	ON	ON	ON	
Throttle Motor Current	0.7	0.7	0.8	0.7	0.7	A
Throttle Motor DUTY	16.0	16.0	16.0	16.0	16.0	%
Throttle Motor Duty (Open)	8	8	11	11	11	%
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	14.2	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)	2.04	2.04	2.04	2.04	2.17	ms
Injection Volum (Cylinder1)	0.064	0.064	0.064	0.064	0.064	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**  
P0505(2 of 2)

Parameter	3	2	1	0	1	Unit
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	1.004	
AF Lambda B1S1	1.002	1.004	1.009	1.006	1.008	
AFS Voltage B1S1	3.30	3.32	3.34	3.33	3.34	V
O2S B1S2	0.83	0.83	0.83	0.83	0.83	V
Short FT #1	-5.5	-5.5	-4.7	-4.0	-4.0	%
Long FT #1	1.5	1.5	1.5	1.5	1.5	%
Total FT #1	-0.020	-0.020	-0.020	-0.020	-0.020	
Fuel System Status #1	CL	CL	CL	CL	CL	
Fuel System Status #2	Unused	Unused	Unused	Unused	Unused	
IGN Advance	9.5	10.5	9.5	10.5	9.5	deg
Knock Feedback Value	-3.0	-3.0	-3.0	-3.0	-3.0	deg (CA)
Knock Correct Learn Value	22.9	22.9	22.9	22.9	22.9	deg (CA)
VVT Control Status #1	OFF	OFF	OFF	OFF	OFF	
Catalyst Temp B1S1	835.9	835.9	833.7	833.7	833.7	F
Catalyst Temp B1S2	493.5	493.5	493.9	493.9	493.9	F
Closed Throttle Position SW	ON	ON	ON	ON	ON	
Engine Oil Pressure SW	OFF	OFF	OFF	OFF	OFF	
Time after DTC Cleared	19305	19305	19305	19305	19305	min
Distance from DTC Cleared	16302	16302	16302	16302	16302	km
Warmup Cycle Cleared DTC	255	255	255	255	255	
TC and TE1	OFF	OFF	OFF	OFF	OFF	
Ignition Trig. Count	4	21	38	50	55	
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	18.75	18.75	31.25	31.25	31.25	%
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	0.00	0.00	0.00	0.00	0.00	kW
HV Target Engine Speed	975	975	975	975	975	rpm
Actual Engine Torque	0	0	0	0	0	Nm
Estimated Engine Torque	2	2	2	4	2	Nm
Engine Run Time	255	255	255	255	255	s
Request Engine Run Time	8.9	8.9	8.9	8.9	8.9	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	158	158	158	158	158	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	Operate	Operate	Operate	Operate	Operate	
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	63	63	63	63	63	F
Water Flow Valve	4.49	4.49	4.49	4.47	4.49	V
ISC Learning Value	4.45	4.45	4.45	4.45	4.45	L/s

# Freeze Frame Data Screen Image

## Engine and ECT(1 of 1)

Techstream (Ver 7.20.041) - 10234

File Function Setup TIS User Help

System Select Stored Data Engine and ECT Live

2005 Prius  
1NZ-FXE

### Freeze Frame Data

#### P0505 Idle Control System

\*N/A=Not Available

Parameter	-3	-2	-1	0	1	Unit
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Throttle Position No.1	0.8	0.8	0.8	0.8	0.8	V
Throttle Position No.2	2.5	2.5	2.5	2.5	2.5	V
Throttle Position Command	0.8	0.8	0.8	0.8	0.8	V
Throttle Sens Open Pos #1	0.6	0.6	0.6	0.6	0.6	V

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## 2005 Prius 1NZ-FXE

**Health Check Screen Image**  
All Systems(1 of 1)

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