

# Vehicle Diagnostic Report

1NZFXE

JTDKB20UX83394781

Toyota

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

MIL: ON

Code	Description	Current	Pending	History	Summary	Freeze Frame
P0446	Evaporative Emission Control System Vent Control	X	X	X	Icon B	Y

## Freeze Frame Data Report P0446(1 of 2)

Parameter	Value					Unit
	-3	-2	-1	0	1	
Vehicle Speed	68	67	68	68	67	km/h
Engine Speed	1678	1855	1727	1567	1578	rpm
Calculate Load	79.2	78.8	76.4	78.0	78.8	%
Vehicle Load	50.9	50.1	50.5	50.5	51.3	%
MAF	12.67	13.85	13.01	11.75	12.07	gm/sec
Atmosphere Pressure	98	98	98	98	98	kPa(abs)
Coolant Temp	73	73	73	73	73	C
Intake Air	23	23	23	23	23	C
Ambient Temperature	22	22	22	22	23	C
Engine Run Time	284	284	285	285	285	s
Initial Engine Coolant Temp	16.8	16.8	16.8	16.8	16.8	C
Initial Intake Air Temp	18.7	18.7	18.7	18.7	18.7	C
Battery Voltage	13.8	13.8	13.8	13.8	13.8	V
Accelerator Idle Position	OFF	OFF	OFF	OFF	OFF	
Throttle Sensor Volt %	23.9	23.9	23.1	22.3	23.1	%
Throttl Sensor #2 Volt %	60.0	60.3	59.2	58.4	59.6	%
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	1.1	V
Throttle Sensor Position	9.8	10.1	9.0	8.6	9.4	%
Throttle Position No.1	1.1	1.1	1.1	1.1	1.1	V
Throttle Position No.2	2.9	3.0	2.9	2.9	2.9	V
Throttle Position Command	1.1	1.1	1.1	1.1	1.1	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	1.1	V
Throttle Motor	ON	ON	ON	ON	ON	
Throttle Motor Current	0.8	0.3	0.5	0.9	1.1	A
Throttle Motor DUTY	23.9	23.9	23.1	22.7	23.1	%
Throttle Motor Duty (Open)	12	6	9	15	18	%
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	13.9	13.9	13.9	13.9	13.9	
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)	6.91	6.91	6.78	6.65	6.65	ms
Injection Volum (Cylinder1)	0.238	0.234	0.233	0.233	0.228	ml
Fuel Pump/Speed Status	ON	ON	ON	ON	ON	
Vacuum Pump	OFF	OFF	OFF	OFF	OFF	
EVAP (Purge) VSV	18.0	49.0	0.0	0.0	0.0	%
Evap Purge Flow	0.5	1.2	0.0	0.0	0.0	%
Purge Density Learn Value	1.000	1.000	1.000	0.000	0.000	
EVAP System Vent Valve	OFF	ON	ON	ON	ON	

**Freeze Frame Data Report**  
P0446(2 of 2)

Parameter	Value					Unit
	-3	-2	-1	0	1	
Tank Bypass VSV	OFF	OFF	OFF	OFF	OFF	
EVAP Purge VSV	OFF	ON	OFF	OFF	OFF	
Target Air-Fuel Ratio	0.992	0.992	0.992	0.992	0.992	
AF Lambda B1S1	0.951	1.010	0.990	0.978	0.975	
AFS Voltage B1S1	3.03	3.34	3.26	3.19	3.18	V
O2S B1S2	0.39	0.39	0.46	0.50	0.54	V
O2S Impedance B1S2	181.88	180.91	179.94	178.64	177.99	ohm
Short FT B1S1	-2.4	1.5	1.5	0.0	-1.6	%
Long FT B1S1	8.5	9.3	8.5	9.3	9.3	%
Total FT #1	0.101	0.101	0.101	0.101	0.101	
Fuel System Status #1	CL	CL	CL	CL	CL	
Fuel System Status #2	Unused	Unused	Unused	Unused	Unused	
IGN Advance	14.5	17.0	17.0	14.0	13.5	deg
Knock Feedback Value	0.0	-0.3	-0.3	-0.3	0.0	deg (CA)
Knock Correct Learn Value	22.5	22.5	22.5	22.5	22.5	deg (CA)
VVT Control Status #1	ON	ON	ON	ON	ON	
Catalyst Temp B1S1	534.8	537.5	537.5	537.5	539.0	C
Catalyst Temp B1S2	363.8	364.4	364.4	364.4	365.1	C
Closed Throttle Position SW	OFF	OFF	OFF	OFF	OFF	
Engine Oil Pressure SW	OFF	OFF	OFF	OFF	OFF	
Time after DTC Cleared	2320	2320	2320	2320	2320	min
Distance from DTC Cleared	1546	1546	1546	1546	1546	km
Warmup Cycle Cleared DTC	83	83	83	83	83	
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	44.53	56.25	56.25	56.25	42.96	%
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	12.50	13.75	12.25	11.25	11.50	kW
HV Target Engine Speed	1675	1850	1700	1575	1550	rpm
Actual Engine Torque	74	71	93	73	76	Nm
Estimated Engine Torque	70	68	66	68	68	Nm
Engine Run Time	255	255	255	255	255	s
Request Engine Run Time	8.2	8.2	8.2	8.2	8.2	s
Judge Time Engine Ignition	3.0	3.0	3.0	3.0	3.0	s
Judge Time Engine Output	0.0	0.0	0.0	0.0	0.0	s
Estimated Intake Port Temp	73	73	73	73	73	C
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	Not Req	Request	Not Req	Not Req	Not Req	
Engine Independent Control	Not Opr	Not Opr	Not Opr	Not Opr	Not Opr	
Tank Outlet Water Temp	31	30	30	30	31	C
Water Flow Valve	4.49	4.49	4.49	4.49	4.49	V
ISC Learning Value	1.64	1.64	1.64	1.64	1.64	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