

**Vehicle information**

Toyota 2004 Prius/Engine and ECT

VIN: JTDKB20UX40007397

Diagnostics time: 2022/01/06 14:41

Mileage:

Path: Without smart key &gt; Diagnosis &gt; Auto scan &gt; Trouble codes &gt;

**Freeze frame data**

+BM voltage	13.7	V
Accelerator idle position	Off	
Actual engine torque	-8.113	lbf ft
Actuator power supply	On	
AF oxygen (bank 1 sensor 1)	0.905	times
Air fuel ratio sensor (AFS) voltage (bank 1 sensor 1)	2.61	V
All cylinders misfire count	3	
Ambient temperature	66.20	°F
Atmosphere pressure	14.65	psi
Battery voltage	13.6	V
Calculate load	41.1	%
Canister control vacuum switching valve (VSV)	Off	
Catalyst temperature (bank 1 sensor 1)	989.06	°F
Catalyst temperature (bank 1 sensor 2)	609.26	°F
Closed throttle position switch	Off	
Coolant temperature	181.40	°F
Cylinder 1 misfire count	0	
Cylinder 2 misfire count	0	
Cylinder 3 misfire count	2	
Cylinder 4 misfire count	0	
Distance from DTC cleared	0.00	miles
Electric fan motor	Off	
Electromagnetic clutch	Off	
Electronic throttle control system (ETCS) actuator power	On	
Engine independent	Not operated	
Engine independent control	Not operated	
Engine oil pressure switch	Off	
Engine run time	293	s
Engine run time	255	s
Engine speed	2492	rpm
Estimated engine torque	36.878	lbf ft
Estimated intake port temperature	181.40	°F

Evaporative emission (EVAP) (purge) vacuum switching valve (VSV)	100.0	%
Evaporative emission (EVAP) purge flow	3.9	%
Evaporative emission (EVAP) purge vacuum switching valve (VSV)	On	
F/C for engine stop request	Off	
Fail safe drive	Off	
Fail safe drive (main CPU)	Off	
FC TAU	Off	
Fuel level	Not empty	
Fuel pump/speed status	On	
Fuel system status 1	Closed loop	
Fuel system status 2	Unused	
HV target engine speed	2600	rpm
Idle fuel cut	Off	
Idle speed control (ISC) learning	Complete	
Idle speed control (ISC) learning value	0.550	gal/s
Ignition advance	24.0	deg
Ignition trigger count	0	
Initial engine coolant temperature	190.58	°F
Initial intake air temperature (IAT)	82.58	°F
Injection volume (cylinder1)	0.146	ml
Injector (port)	4.09	ms
Intake air	80.60	°F
Judge time engine ignition	3.0	s
Judge time engine output	6.0	s
Knock correct learn value	19.6	deg(CA)
Knock feedback value	-3.0	deg(CA)
Long FT (bank 1 sensor 1)	4.6	%
Mass air flow (MAF)	14.79	gm/s
Misfire load	0.00	g/rev
Misfire margin	-46.88	%
Misfire rpm	0	rpm
Open side fault	Off	
Oxygen sensor (bank 1 sensor 2)	0.78	V
Purge density learning value	-3.217	
Racing operation	Not operated	
Request engine run time	10.9	s
Request warm-up	Not requested	

Requested engine torque	36.50	Kw
Short ft bank 1 sensor 1	-5.5	%
ST 1	Off	
System guard	On	
Tank bypass vacuum switching valve (VSV)	Off	
Tank outlet water temperature	177.80	°F
Target air/fuel ratio	0.998	times
TC terminal on	Off	
Throttle fully close learn	0.5	V
Throttle idle position	Off	
Throttle motor	On	
Throttle motor current	0.7	A
Throttle motor duty	32.5	%
Throttle motor duty (close)	0	%
Throttle motor duty (open)	11	%
Throttle position 1	1.6	V
Throttle position 2	3.6	V
Throttle position command	1.6	V
Throttle require position	1.6	V
Throttle sensor 2 voltage %	72.5	%
Throttle sensor open 1(ad)	1.6	V
Throttle sensor open position 1	0.7	V
Throttle sensor open position 2	1.9	V
Throttle sensor position	17.6	%
Throttle sensor voltage %	32.5	%
Time after DTC cleared	12	min
Total ft 1	0.007	times
Variable valve timing (VVT) control status 1	On	
Vehicle load	40.0	%
Vehicle speed	21.75	mph
Warm-up cycle cleared DTC	1	
Water flow valve	3.49	V