

Vehicle information

2012 Toyota Prius

VIN: JTDKN3DU8C1497922

Mileage:

Diagnostic time: 2025-03-24 13:13:54

Diagnostic path: Manual selection\USA\Prius\2012\Others\Diagnosis\Control unit\Engine and ect\Trouble codes\

Freeze frame data

Calculate load	89.8	%
Vehicle load	44.7	%
MAF	15.89	Gm/s
MAP	89	Kpa
Intake air	32	°C
Atmosphere pressure	98	Kpa
Coolant temp	92	°C
Engine speed	1995	rpm
Vehicle speed	111	Km/h
Engine run time	163	S
Throttle sensor position	11.3	%
Throttle sensor volt %	27.8	%
Throttl sensor #2 volt %	61.9	%
Throttle motor duty	27.8	%
Warmup cycle cleared dtc	4	
Distance from dtc cleared	25	Km
Time after dtc cleared	83	Min
Battery voltage	14.531	V
Fuel system status #1	CL	

Fuel system status #2	Unused	
Short FT B1S1	0.781	%
Long FT B1S1	1.562	%
Ign advance	31.5	Deg
Evap (purge) vsv	100.0	%
Target egr position	47.4	%
Target air-fuel ratio	1.033	
Af lambda b1s1	0.968	
Afs voltage b1s1	3.156	V
Afs current b1s1	-0.06	Ma
O2S B1S2	0.660	V
Catalyst temp b1s1	700.3	°C
Catalyst temp b1s2	644.4	°C
Communication with hv	Comm	
Communication with brake	Comm	
Comm with air conditioner	Comm	
Tc terminal	OFF	
Sports mode switch	OFF	
Actual vvt angle #1	15.166	Degfr
O2s impedance b1s2	178.64	Ohm
Initial engine coolant temp	60.0	°C
Initial intake air temp	35.6	°C
Knock correct learn value	21.1	Deg(ca)
Knock feedback value	-3.0	Deg(ca)
Purge density learn value	-3.052	%/%

Evap purge flow	7.5	%
Ig off elapsed time	0	Min
Dist batt cable disconnect	25	Km
Fuel cut condition	OFF	
Closed throttle position sw	OFF	
Idle fuel cut	OFF	
FC TAU	OFF	
Evap purge vsv	On	
Fuel pump/speed status	On	
Vvt control status #1	On	
Tc and te1	OFF	
Vacuum pump	OFF	
Evap system vent valve	OFF	
Electric fan motor	OFF	
Purge cut vsv duty	98.6	%
A/F Heater Duty B1S1	19.5	%
O2 heater curr val b1s2	1.030	A
O2 heater b1s2	Not act	
Elec water pump target spd	4400	rpm
Elec water pump spd	4750	rpm
Injection volum (cylinder1)	0.186	MI
Injector (port)	4837	us
Total ft #1	0.042	
Misfire rpm	0	rpm
Misfire load	0.00	G/rev

Cylinder #1 misfire count	0	
Cylinder #2 misfire count	0	
Cylinder #3 misfire count	0	
Cylinder #4 misfire count	0	
All cylinders misfire count	0	
Ignition trig. count	0	
Misfire margin	55.00	%
Egr step position	51	Step
Requested engine torque	18.75	Kw
Hv target engine speed	1975	rpm
Actual engine torque	87	Nm
Engine run time	165	S
Request engine run time	11.9	S
Judge time engine ignition	2.9	S
Judge time engine output	0.0	S
Isc learning value	2.867	L/s
Engine independent control	Not opr	
Request warm-up	Not req	
Racing operation	Not opr	
Engine independent	Not opr	
F/c for engine stop req	OFF	
Isc learning	Incmpl	
Fuel level	Not emp	
A/f learn value idle #1	0.7	%
A/f learn value low #1	0.7	%

A/f learn value mid1 #1	1.5	%
A/f learn value mid2 #1	3.5	%
A/f learn value high #1	5.0	%
A/f sensor determination (worst value) #1	0.01	
Engine speed fluctuation avg (worst value) #1	0.00	
Engine speed fluctuation avg (worst value) #2	0.03	
Engine speed fluctuation avg (worst value) #3	0.00	
Engine speed fluctuation avg (worst value) #4	0.15	