Diagnostic Report

Date: 4/6/2022 3:43:15 PM

VIN:
Manufacturer: Toyota
Model: Prius
Option: 1.5 L
Year: 2007

Monitor Status Report

Name	Continuous	Available	Complete
Misfire	Yes	Yes	Yes
Fuel System	Yes	Yes	Yes
Components	Yes	Yes	Yes
Catalyst	No	Yes	Yes
Heated Catalyst	No	No	No
Evap System	No	Yes	Yes
Secondary Air System	No	No	No
AC Refrigerant	No	No	No
Oxygen Sensor	No	Yes	Yes
Oxygen Sensor Heater	No	No	No
EGR System	No	No	No

MIL On
Number of Confirmed Codes: 1
Readiness Standard: CA - 2000 and newer (Gas)

This vehicle is not ready for emissions testing.

Reason

- MIL On
- Confirmed trouble codes have been detected

Trouble Code Report

ECU	Code	Type	Status	Description
7E0	U0293	Network	Confirmed	Lost Communication with Hybrid Vehicle Control System
Engine and Electronic Controlled Transmission	U0293	Network	Historical	Lost Communication with Hybrid Vehicle Control System

Additional Information

PID	Description	Value	Units
SAE 0x21	Distance traveled while MIL is activated	8.08	miles
SAE 0x4D	Engine run time run while MIL is activated	2	min
SAE 0x30	Number of warm-ups since DTCs cleared	13	
SAE 0x31	Distance traveled since DTCs cleared	112.47	miles
SAE 0x4E	Engine run time since DTCs cleared	500	min

Mode $01 - Powertrain Diagnostic Data

PID	Description	Value	Units
SAE 0x03	Fuel system 1 status	1	
SAE 0x03	Fuel system 2 status	0	
SAE 0x04	Calculated load value	0	%
SAE 0x05	Engine coolant temperature	140	°F
SAE 0x06	Short term fuel % trim - Bank 1	0	%
SAE 0x07	Long term fuel % trim - Bank 1	-0.78	%
SAE 0x0C	Engine RPM	0	RPM
SAE 0x0D	Vehicle speed	0	MPH
SAE 0x0E	Ignition timing advance for #1 cylinder	5	deg
SAE 0x0F	Intake air temperature	104	°F
SAE 0x10	Mass air flow rate	0.01	lb/min
SAE 0x11	Absolute throttle position	14.51	%
SAE 0x13	Location of oxygen sensors	3	
SAE 0x15	O2 voltage (Bank 1, Sensor 2)	0	V
SAE 0x15	Short term fuel trim (Bank 1, Sensor 2)	99.219	%
SAE 0x1C	OBD requirements to which vehicle or engine is certified	1	
SAE 0x1F	Time since engine start	0	sec
SAE 0x21	Distance traveled while MIL is activated	8.08	miles
SAE 0x24	O2 sensor lambda (Bank 1, Sensor 1)	0.999	

SAE 0x24	O2 sensor voltage wide range (Bank 1, Sensor 1)	3.293	V
SAE 0x2E	Commanded evaporative purge	0	%
SAE 0x30	Number of warm-ups since DTCs cleared	13	
SAE 0x31	Distance traveled since DTCs cleared	112.47	miles
SAE 0x32	Evap system vapor pressure	0.2	inH2O
SAE 0x33	Barometric pressure	29.83	inHg
SAE 0x3C	Catalyst temperature (Bank 1 Sensor 1)	881.6	°F
SAE 0x3E	Catalyst temperature (Bank 1 Sensor 2)	778.82	°F
SAE 0x42	Control module voltage	12.28	V
SAE 0x43	Absolute load value	0	%
SAE 0x44	Fuel/Air commanded equivalence ratio	0.92	
SAE 0x45	Relative throttle position	0	%
SAE 0x46	Ambient air temperature	80.6	°F
SAE 0x47	Absolute throttle position B	49.8	%
SAE 0x4C	Commanded throttle actuator control	15.69	%
SAE 0x4D	Engine run time run while MIL is activated	2	min
SAE 0x4E	Engine run time since DTCs cleared	500	min
SAE 0x53	Absolute evap system vapor pressure	406.18	inH2O
Aux 0x00	Input voltage read by the scan tool	12.3	V
SAE 0x49	Accelerator pedal position D	16.08	%
SAE 0x4A	Accelerator pedal position E	32.16	%

Mode $02 - Freeze Frame

PID	Description	Value	Units
0x02	Freeze frame DTC	U0293	
0x03	Fuel system 1 status	1	
0x03	Fuel system 2 status	0	
0x04	Calculated load value	0	%
0x05	Engine coolant temperature	183.2	°F
0x06	Short term fuel % trim - Bank 1	0	%
0x07	Long term fuel % trim - Bank 1	0	%
0x0C	Engine RPM	0	RPM
0x0D	Vehicle speed	0	MPH
0x0E	Ignition timing advance for #1 cylinder	5	deg
0x0F	Intake air temperature	91.4	°F
0x10	Mass air flow rate	0.01	lb/min

0x11	Absolute throttle position	14.51	%
0x15	O2 voltage (Bank 1, Sensor 2)	0.055	V
0x15	Short term fuel trim (Bank 1, Sensor 2)	99.219	%
0x1F	Time since engine start	0	sec
0x24	O2 sensor lambda (Bank 1, Sensor 1)	1.007	
0x24	O2 sensor voltage wide range (Bank 1, Sensor 1)	3.333	V
0x2E	Commanded evaporative purge	0	%
0x30	Number of warm-ups since DTCs cleared	13	
0x31	Distance traveled since DTCs cleared	104.39	miles
0x32	Evap system vapor pressure	0.13	inH2O
0x33	Barometric pressure	29.53	inHg
0x3C	Catalyst temperature (Bank 1 Sensor 1)	981.32	°F
0x3E	Catalyst temperature (Bank 1 Sensor 2)	820.22	°F
0x42	Control module voltage	12.21	V
0x43	Absolute load value	0	%
0x44	Fuel/Air commanded equivalence ratio	0.94	
0x45	Relative throttle position	0	%
0x46	Ambient air temperature	78.8	°F
0x47	Absolute throttle position B	49.8	%
0x4C	Commanded throttle actuator control	14.51	%
0x4E	Engine run time since DTCs cleared	461	min
0x53	Absolute evap system vapor pressure	405.46	inH2O

Mode $05 - Oxygen Sensors

Sensor	Available
Bank 1 - Sensor 1	Yes
Bank 1 - Sensor 2	Yes
Bank 1 - Sensor 3	No
Bank 1 - Sensor 4	No
Bank 2 - Sensor 1	No
Bank 2 - Sensor 2	No
Bank 2 - Sensor 3	No
Bank 2 - Sensor 4	No

Mode $06 - On-Board Monitoring

Component	Description	Value	Minimum	Maximum	Units	Result
$01 - Exhaust Gas Sensor Monitor Bank 1 – Sensor 1	TID $8E - Manufacturer Defined	1.0468	0	7.9953		**Pass**
$01 - Exhaust Gas Sensor Monitor Bank 1 – Sensor 1	TID $91 - Manufacturer Defined	2.6406	1.4062	3.5898	mA	**Pass**
$02 - Exhaust Gas Sensor Monitor Bank 1 – Sensor 2	TID $07 - Minimum sensor voltage for test cycle (calculated)	0.136	0	0.214	V	**Pass**
$02 - Exhaust Gas Sensor Monitor Bank 1 – Sensor 2	TID $08 - Maximum sensor voltage for test cycle (calculated)	0.82	0.585	1.19	V	**Pass**
$02 - Exhaust Gas Sensor Monitor Bank 1 – Sensor 2	TID $8F - Manufacturer Defined	0.1226	0	1.199		**Pass**
$21 - Catalyst Monitor Bank 1	TID $A9 - Manufacturer Defined	0.1135	0.1098	9.9939		**Pass**
$3D - Purge Flow Monitor	TID $C8 - Manufacturer Defined	-1.563	-32.768	-0.294	kPa	**Pass**
$3D - Purge Flow Monitor	TID $C9 - Manufacturer Defined	0.198	0	32.767	kPa	**Pass**
$3D - Purge Flow Monitor	TID $CA - Manufacturer Defined	2.464	0	32.767	kPa	**Pass**
$3D - Purge Flow Monitor	TID $CB - Manufacturer Defined	1.826	0	32.767	kPa	**Pass**
$3D - Purge Flow Monitor	TID $CD - Manufacturer Defined	1.826	0	32.767	kPa	**Pass**
$3D - Purge Flow Monitor	TID $CE - Manufacturer Defined	2.508	0	32.767	kPa	**Pass**
$3D - Purge Flow Monitor	TID $CF - Manufacturer Defined	1.936	0	32.767	kPa	**Pass**
$3D - Purge Flow Monitor	TID $D0 - Manufacturer Defined	1.936	0	32.767	kPa	**Pass**
$3D - Purge Flow Monitor	TID $D1 - Manufacturer Defined	1.826	0	32.767	kPa	**Pass**
$3D - Purge Flow Monitor	TID $D4 - Manufacturer Defined	1.32	0	32.767	kPa	**Pass**
$3D - Purge Flow Monitor	TID $D5 - Manufacturer Defined	2.464	0	32.767	kPa	**Pass**
$3D - Purge	TID $D6 - Manufacturer	0.39	-5.67	327.67		**Pass**

Flow Monitor	Defined					
$3D - Purge Flow Monitor	TID $D7 - Manufacturer Defined	1.188	0	32.767	kPa	**Pass**
$A1 - Misfire Monitor General Data	TID $0B - EWMA (Exponential Weighted Moving Average) misfire counts for last ten (10) driving cycles	0	0	65535	counts	**Pass**
$A1 - Misfire Monitor General Data	TID $0C - Misfire counts for last/current driving cycles (calculated, rounded to an integer value)	3	0	65535	counts	**Pass**
$A2 - Misfire Cylinder 1 Data	TID $0B - EWMA (Exponential Weighted Moving Average) misfire counts for last ten (10) driving cycles	0	0	65535	counts	**Pass**
$A2 - Misfire Cylinder 1 Data	TID $0C - Misfire counts for last/current driving cycles (calculated, rounded to an integer value)	0	0	65535	counts	**Pass**
$A3 - Misfire Cylinder 2 Data	TID $0B - EWMA (Exponential Weighted Moving Average) misfire counts for last ten (10) driving cycles	0	0	65535	counts	**Pass**
$A3 - Misfire Cylinder 2 Data	TID $0C - Misfire counts for last/current driving cycles (calculated, rounded to an integer value)	1	0	65535	counts	**Pass**
$A4 - Misfire Cylinder 3 Data	TID $0B - EWMA (Exponential Weighted Moving Average) misfire counts for last ten (10) driving cycles	0	0	65535	counts	**Pass**
$A4 - Misfire Cylinder 3 Data	TID $0C - Misfire counts for last/current driving cycles (calculated, rounded to an integer value)	0	0	65535	counts	**Pass**
$A5 - Misfire Cylinder 4 Data	TID $0B - EWMA (Exponential Weighted Moving Average) misfire counts for last ten (10) driving cycles	0	0	65535	counts	**Pass**
$A5 - Misfire Cylinder 4 Data	TID $0C - Misfire counts for last/current driving cycles (calculated, rounded to an integer value)	2	0	65535	counts	**Pass**

Mode $09 - Vehicle Information

General Information

Description	Value
Vehicle Identification Number	
Calibration ID - $7E0	34710000
Calibration Verification Number - $7E0	95DC2FF8

In-Performance Tracking

Counter	Description	Value
0x00	OBD Monitoring Conditions Encountered Counts	162
0x01	Ignition Cycle Counter	637
0x02	Catalyst Monitor Completion Counts Bank 1	238
0x03	Catalyst Monitor Conditions Encountered Counts Bank 1	162
0x06	O2 Sensor Monitor Completion Counts Bank 1	236
0x07	O2 Sensor Monitor Conditions Encountered Counts Bank 1	162
0x0A	EGR and/or VVT Monitor Completion Condition Counts	562
0x0B	EGR and/or VVT Monitor Conditions Encountered Counts	162
0x0E	EVAP Monitor Completion Condition Counts	61
0x0F	EVAP Monitor Conditions Encountered Counts	64