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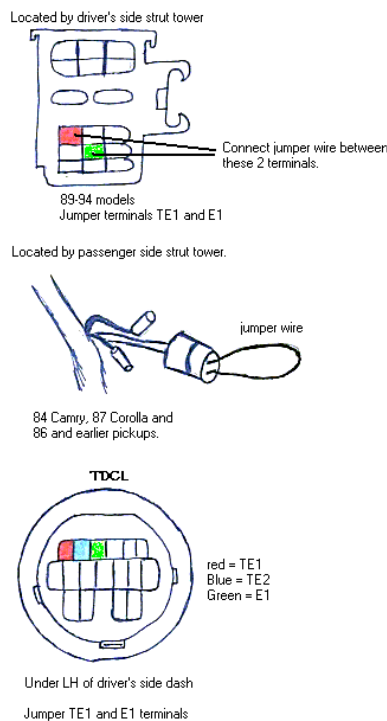
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Toyota Trouble Code Info

96 & later are OBD2 systems and require a scantool **Note: We are finding that some 94 & 95 Toyota vehicles are OBD2 compliant and require a scan tool.** Check your emissions decal under the hood to confirm if you have an OBD2 compliant vehicle.



RETRIEVING CODES for vehicles before 96

NOTE: Not all trouble codes will activate MIL (CHECK ENGINE light)

- Before proceeding, make sure the:
 - CHECK ENGINE light circuit is functional. It should be ON when the ignition switch is ON with the engine stopped.
 - Battery voltage is above 11 volts.
 - Throttle valve is fully closed (Throttle Position Sensor IDL points closed).
 - Accessory switches (A/C, etc.) are OFF.
 - Engine is at normal operating temperature (if possible).
- Turn ignition switch to ON position.
 - Do not start the engine.
 - Place a jumper wire across TE1 and E1 terminals in engine check connector.
- Count number of flashes from CHECK ENGINE light.
 - If system is operating normally (with no detected faults), the CHECK ENGINE light will blink continuously and evenly about 2 times a second.
- Otherwise, the light will blink a number of times equal to the trouble code as follows:
 - The light blinks only (.5 second ON, .5 second OFF) when indicating a number.
 - The light will be OFF for 1.5 seconds between the first digit and the second digit of the code.
 - If more than one code is stored, the light will be OFF for 2.5 seconds before the next code is displayed.
 - Once all code(s) have been displayed, the light will be OFF for 4.5 seconds and then the whole sequence will repeat.
- The diagnostic code series will continue to repeat as long as the check connector terminals TE1 and E1 are connected.
- When finished, remove the jumper wire.
- After repairing the malfunction, clear the codes from the ECU's memory.

Clearing Trouble Codes

All trouble codes must be purged from the ECU's memory after repairing the faults. Otherwise, code(s) would remain in the ECU's memory indefinitely and would appear along with a new code in the event of a future problem.

- Remove the EFI fuse (15A) for 30 seconds with the ignition switch OFF to clear any codes. It may take longer than 30 seconds, depending on ambient temperature (the lower the temperature, the longer the fuse must be left out).
- Trouble codes can also be cleared by disconnecting the vehicle battery. However, other memory functions (clock, radio, etc.), will need to be reset.
- After the codes are cleared, road test the vehicle (as applicable for the fault) and recheck if any codes reset. If so, it indicates that the trouble area has not been repaired correctly.

Toyota Generic Trouble Codes

(Codes Apply to Most Toyota Models – See Table at the Bottom of the Page for Model Specific Codes)

OBD1 Codes	
1	Normal Condition.
2	Air Flow Meter signal.
3	Ignition signal.
4	Engine Coolant Temperature Sensor signal.
5	Oxygen Sensor.
6	RPM signal (Crank Angle Pulse).
7	Throttle Position Sensor signal.
8	Intake Air Temperature Sensor signal.
9	Vehicle Speed Sensor signal.
10	Starter signal.
11	Switch signal.
11	ECU/ECM.
12	Knock Control Sensor signal.
12	RPM signal.
13	Knock Control CPU (ECM).
13	RPM signal.
14	Turbocharger Pressure.
14	Ignition signal.
21	Oxygen Sensor.
22	Engine Coolant Temperature Sensor signal.
23	Intake Air Temperature Sensor signal.
24	Intake Air Temperature Sensor signal.
25	Air-Fuel Ratio Lean.
26	Air-Fuel Ratio Rich.
27	Sub Oxygen Sensor signal.
28	No. 2 Oxygen Sensor signal.
31	Air Flow Meter signal (Vacuum Sensor signal).
32	Air Flow Meter signal.
34	Turbocharger Pressure signal.
35	Turbocharger Pressure Sensor signal.
35	HAC Sensor signal.
41	Throttle Position Sensor signal.
42	Vehicle Speed Sensor signal.
43	Starter signal.
51	Switch signal.
52	Knock Sensor signal.
53	Knock Sensor signal.
54	Inter-cooler ECM signal.
71	EGR System.
72	Fuel Cut Solenoid signal.
78	Fuel Pump Control signal.
81	TCM Communication.

83	TCM Communication.
84	TCM Communication.
85	TCM Communication.

OBD II	
P0100	Mass Air Flow Circuit.
P0101	Mass Air Flow Circuit Range/Performance.
P0105	Manifold Absolute Pressure Circuit.
P0106	MAP/BARO Circuit Range/Performance.
P0110	Intake Air Temperature Circuit.
P0115	Engine Coolant Temperature Circuit.
P0116	Engine Coolant Temperature Range/Performance.
P0120	Throttle Pedal Sensor Switch “A” Circuit.
P0121	Throttle Pedal Sensor Switch “A” Circuit Range/Performance.
P0125	Insufficient Coolant Temperature for Closed Loop Fuel Control.
P0130	Heated Oxygen Sensor Circuit – Bank 1 Sensor 1.
P0133	Heated Oxygen Sensor Circuit Slow Response Bank 1 Sensor 1.
P0135	Heated Oxygen Sensor Circuit – Bank 1 Sensor 1.
P0136	Heated Oxygen Sensor Circuit – Bank 1 Sensor 2.
P0141	Heated Oxygen Sensor Circuit – Bank 1 Sensor 2.
P0150	Heated Oxygen Sensor Circuit – Bank 2 Sensor 1.
P0153	Heated Oxygen Sensor Circuit Slow Response Bank 2 Sensor 1.
P0155	Heated Oxygen Sensor Circuit – Bank 2 Sensor 1.
P0156	Heated Oxygen Sensor Circuit – Bank 2 Sensor 2.
P0161	Heated Oxygen Sensor Circuit – Bank 2 Sensor 2.
P0170	Fuel Trim malfunction.
P0171	System too Lean.
P0172	System too Rich.
P0201	Injector Circuit – Cyl. 1.
P0202	Injector Circuit – Cyl. 2.
P0203	Injector Circuit – Cyl. 3.
P0204	Injector Circuit – Cyl. 4.
P0205	Injector Circuit – Cyl. 5.
P0206	Injector Circuit – Cyl. 6.
P0300	Random Misfire.
P0301	Misfire Detected – Cyl. 1.
P0302	Misfire Detected – Cyl. 2.
P0303	Misfire Detected – Cyl. 3.
P0304	Misfire Detected – Cyl. 4.
P0305	Misfire Detected – Cyl. 5.
P0306	Misfire Detected – Cyl. 6.
P0325	Knock Sensor 1 Circuit.
P0330	Knock Sensor 2 Circuit.
P0335	Crankshaft Position Sensor “A” Circuit.

P0336	Crankshaft Position Sensor “A” Circuit Range/Performance.
P0340	CMP Sensor Circuit malfunction.
P0385	Crankshaft Position Sensor “B” NE2 Circuit.
P0401	EGR Flow Insufficient.
P0402	EGR Flow Excessive.
P0420	Catalyst System Efficiency below Threshold.
P0430	Catalyst System Efficiency below Threshold Bank 2.
P0440	EVAP Control System.
P0441	EVAP Control System Improper Purge Flow.
P0446	EVAP Control System Vent Control.
P0450	EVAP Control System Pressure Sensor.
P0451	EVAP Control System Pressure Sensor Range/Performance.
P0500	Vehicle Speed Sensor.
P0505	Idle Speed Control System.
P0510	Close Throttle Position Switch.
P1100	BARO Sensor Circuit.
P1120	Accelerator Pedal Position Sensor Circuit.
P1121	Accelerator Pedal Position Sensor Range/Performance Problem.
P1125	Throttle Control Motor Circuit.
P1126	Magnetic Clutch Circuit.
P1127	ETCS Actuator Power Source Circuit.
P1128	Throttle Control Motor Lock.
P1129	Electric Throttle Control System.
P1130	Air-Fuel Sensor Circuit Range/Performance.
P1133	Air-Fuel Sensor Circuit Response.
P1135	Air-Fuel Sensor Heater Circuit Response.
P1150	A/F Sensor Circuit Range/Performance.
P1153	A/F Sensor Circuit Response.
P1155	A/F Sensor Heater Circuit.
P1200	Fuel Pump Relay Circuit.
P1300	Igniter Circuit – No. 1.
P1310	Igniter Circuit – No. 2.
P1335	No Crankshaft Position Sensor Signal – Engine Running.
P1349	VVT System.
P1400	Sub-Throttle Position Sensor.
P1401	Sub-Throttle Position Sensor Range/Performance Problem.
P1405	Turbo Pressure Sensor Circuit.
P1406	Turbo Pressure Sensor Range/Performance Problem.
P1410	EGR Valve Position Sensor Circuit.
P1411	EGR Valve Position Sensor Circuit Range/Performance.
P1500	Starter Signal Circuit.
P1510	Boost Pressure Control Circuit.
P1511	Boost Pressure Low.
P1512	Boost Pressure High.
P1520	Stop Lamp Switch Signal.

P1565	Cruise Control Main Switch Circuit.
P1600	ECM.
P1605	Knock Control CPU.
P1630	Traction Control System.
P1633	ECM.
P1652	Idle Air Control Valve Control Circuit.
P1656	OCV Circuit.
P1658	Wastegate Valve Control Circuit.
P1661	EGR Circuit.
P1662	EGR by-pass Valve Control Circuit.
P1780	Park/Neutral Switch.

Toyota Specific Trouble Codes

Select your Vehicle Below			
Year	Engine Code	System	Model
86	2S-E	TCCS	Celica 2.0L
86	22R-E	TCCS	Pickup 2.4L
86	22R-TE	TCCS	Pickup 2.4L
86	22R-E	TCCS	4Runner 2.4L
86	22R-TE	TCCS	4Runner 2.4L
86-87	4A-GE	TCCS	Corolla/Sport 1.6L
86-87	4A-GE	TCCS	MR2 1.6L
86-88	5M-GE	TCCS	Cressida 2.8L
86-89	3S-GE/FE/GTE	TCCS	Celica 2.0L
86-92	7M-GE	TCCS	Supra 3.0L
87-88	22R-E/TE	TCCS	Pickup 2.4L/Turbo
87-88	22R-E/TE	TCCS	4Runner 2.4L/Turbo
87-91	3S-FE/2VZ-FE	TCCS	Camry 2.0/2.5L
87-92	7M-GTE	TCCS	Supra 3.0L Turbo
88-90	4A-GE/GZE	TCCS	MR2 1.6L/Supercharged
88-91	4A-GE	TCCS	Corolla 1.6L (AE92/AE95)
88-91	22R-E	TCCS	Pickup 2.4L
88-91	3VZ-E	TCCS	Pickup 3.0L
88-91	3VZ-E	TCCS	4Runner 3.0L
88-91	22R-E	TCCS	4Runner 2.4L
88-94	3F-E	TCCS	Land Cruiser 4.0L
89	7M-GE	TCCS	Cressida 3.0L
89-92	4A-FE	TCCS	Corolla 1.6L
90-92	7M-GE	TCCS	Cressida 3.0 L
90-93	4A-FE	TCCS	Celica 1.6L

90-93	5S-FE	TCCS	Celica 2.2L
90-94	3E-E	TCCS	Tercel
91-95	5S-FE	TCCS	MR2 2.2 L
91-95	2TZ-FE	TCCS	Previa 2.4 L
92-93	3VZ-FE	TCCS	Camry 3.0 L
92-93	3VZ-FE	TCCS	Camry Wagon 3.0 L
92-95	5S-FE	TCCS	Camry 2.2 L
92-95	3VZ-E	TCCS	Pickup 3.0 L
92-95	3VZ-E	TCCS	4Runner 3.0 L
92-95	5E-FE	TCCS	Paseo 1.5 L
93-94	3VZ-E	TCCS	T100 Pickup 3.0 L
93-95	4A-FE	TCCS	Corolla 1.6 L
93-95	7A-FE	TCCS	Corolla 1.8 L
93-95	SJZ-GE	TCCS	Supra 3.0 L
93-95	SJZ-GTE	TCCS	Supra 3.0 L Turbo
94-95	7A-FE	TCCS	Celica 1.8 L
94-95	5S-FE	TCCS	Celica 2.2 L

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