



Technical Service Information

TOYOTA DIAGNOSTIC TROUBLE CODES

ENGINE & TRANSMISSION DTC ID	
P0100	Mass or Volume Air Flow Circuit Malfunction
P0101	Mass or Volume Air Flow Circuit Range/Performance Problem
P0102	Mass or Volume Air Flow Circuit Low Input
P0103	Mass or Volume Air Flow Circuit High Input
P0104	Mass or Volume Air Flow Circuit Intermittent
P0105	Manifold Absolute Pressure/Barometric Pressure Circuit Malfunction
P0106	Manifold Absolute Pressure/Barometric Pressure Circuit Range/Performance Problem
P0107	Manifold Absolute Pressure/Barometric Pressure Circuit Low Input
P0108	Manifold Absolute Pressure/Barometric Pressure Circuit High Input
P0109	Manifold Absolute Pressure/Barometric Pressure Circuit Intermittent
P0110	Intake Air Temperature Circuit Malfunction
P0111	Intake Air Temperature Circuit Range/Performance Problem
P0112	Intake Air Temperature Circuit Low Input
P0113	Intake Air Temperature Circuit High Input
P0114	Intake Air Temperature Circuit Intermittent
P0115	Engine Coolant Temperature Circuit Malfunction
P0116	Engine Coolant Temperature Circuit Range/Performance Problem
P0117	Engine Coolant Temperature Circuit Low Input
P0118	Engine Coolant Temperature Circuit High Input
P0119	Engine Coolant Temperature Circuit Intermittent
P0120	Throttle/Pedal Position Sensor/Switch "A" Circuit Malfunction
P0121	Throttle/Pedal Position Sensor/Switch "A" Circuit Range/Performance Problem
P0122	Throttle/Pedal Position Sensor/Switch "A" Circuit Low Input
P0123	Throttle/Pedal Position Sensor/Switch "A" Circuit High Input
P0124	Throttle/Pedal Position Sensor/Switch "A" Circuit Intermittent
P0125	Insufficient Coolant Temperature For Closed Loop Fuel Control
P0126	Insufficient Coolant Temperature For Stable Operation
P0130	O2 Circuit Malfunction (Bank #1 Sensor #1)
P0131	O2 Sensor Circuit Low Voltage (Bank #1 Sensor #1)
P0132	O2 Sensor Circuit High Voltage (Bank #1 Sensor #1)
P0133	O2 Sensor Circuit Slow Response (Bank #1 Sensor #1)
P0134	O2 Sensor Circuit No Activity Detected (Bank #1 Sensor #1)
P0135	O2 Sensor Heater Circuit Malfunction (Bank #1 Sensor #1)
P0136	O2 Sensor Circuit Malfunction (Bank #1 Sensor #2)
P0137	O2 Sensor Circuit Low Voltage (Bank #1 Sensor #2)
P0138	O2 Sensor Circuit High Voltage (Bank #1 Sensor #2)
P0139	O2 Sensor Circuit Slow Response (Bank #1 Sensor #2)
P0140	O2 Sensor Circuit No Activity Detected (Bank #1 Sensor #2)
P0141	O2 Sensor Heater Circuit Malfunction (Bank #1 Sensor #2)
P0142	O2 Sensor Circuit Malfunction (Bank #1 Sensor #3)
P0143	O2 Sensor Circuit Low Voltage (Bank #1 Sensor #3)
P0144	O2 Sensor Circuit High Voltage (Bank #1 Sensor #3)



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P0145	O2 Sensor Circuit Slow Response (Bank #1 Sensor #3)
P0146	O2 Sensor Circuit No Activity Detected (Bank #1 Sensor #3)
P0147	O2 Sensor Heater Circuit Malfunction (Bank #1 Sensor #3)
P0150	O2 Sensor Circuit Malfunction (Bank #2 Sensor #1)
P0151	O2 Sensor Circuit Low Voltage (Bank #2 Sensor #1)
P0152	O2 Sensor Circuit High Voltage (Bank #2 Sensor #1)
P0153	O2 Sensor Circuit Slow Response (Bank #2 Sensor #1)
P0154	O2 Sensor Circuit No Activity Detected (Bank #2 Sensor #1)
P0155	O2 Sensor Heater Circuit Malfunction (Bank #2 Sensor #1)
P0156	O2 Sensor Circuit Malfunction (Bank #2 Sensor #2)
P0157	O2 Sensor Circuit Low Voltage (Bank #2 Sensor #2)
P0158	O2 Sensor Circuit High Voltage (Bank #2 Sensor #2)
P0159	O2 Sensor Circuit Slow Response (Bank #2 Sensor #2)
P0160	O2 Sensor Circuit No Activity Detected (Bank #2 Sensor #2)
P0161	O2 Sensor Heater Circuit Malfunction (Bank #2 Sensor #2)
P0162	O2 Sensor Circuit Malfunction (Bank #2 Sensor #3)
P0163	O2 Sensor Circuit Low Voltage (Bank #2 Sensor #3)
P0164	O2 Sensor Circuit High Voltage (Bank #2 Sensor #3)
P0165	O2 Sensor Circuit Slow Response (Bank #2 Sensor #3)
P0166	O2 Sensor Circuit No Activity Detected (Bank #2 Sensor #3)
P0167	O2 Sensor Heater Circuit Malfunction (Bank #2 Sensor #3)
P0170	Fuel Trim Malfunction (Bank #1)
P0171	System Too Lean (Bank #1)
P0172	System Too Rich (Bank #1)
P0173	Fuel Trim Malfunction (Bank #2)
P0174	System Too Lean (Bank #2)
P0175	System Too Rich (Bank #2)
P0176	Fuel Composition Sensor Circuit Malfunction
P0177	Fuel Composition Sensor Circuit Range/Performance
P0178	Fuel Composition Sensor Circuit Low Input
P0179	Fuel Composition Sensor Circuit High Input
P0180	Fuel Temperature Sensor "A" Circuit Malfunction
P0181	Fuel Temperature Sensor "A" Circuit Range/Performance
P0182	Fuel Temperature Sensor "A" Circuit Low Input
P0183	Fuel Temperature Sensor "A" Circuit High Input
P0184	Fuel Temperature Sensor "A" Circuit Intermittent
P0185	Fuel Temperature Sensor "B" Circuit Malfunction
P0186	Fuel Temperature Sensor "B" Circuit Range/Performance
P0187	Fuel Temperature Sensor "B" Circuit Low Input
P0188	Fuel Temperature Sensor "B" Circuit High Input
P0189	Fuel Temperature Sensor "B" Circuit Intermittent
P0190	Fuel Rail Pressure Sensor Circuit Malfunction
P0191	Fuel Rail Pressure Sensor Circuit Range/Performance
P0192	Fuel Rail Pressure Sensor Circuit Low Input
P0193	Fuel Rail Pressure Sensor Circuit High Input
P0194	Fuel Rail Pressure Sensor Circuit Intermittent
P0195	Engine Oil Temperature Sensor Malfunction



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P0196	Engine Oil Temperature Sensor Range/Performance
P0197	Engine Oil Temperature Sensor Low
P0198	Engine Oil Temperature Sensor High
P0199	Engine Oil Temperature Sensor Intermittent
P0200	Injector Circuit Malfunction
P0201	Injector Circuit Malfunction — Cylinder #1
P0202	Injector Circuit Malfunction — Cylinder #2
P0203	Injector Circuit Malfunction — Cylinder #3
P0204	Injector Circuit Malfunction — Cylinder #4
P0205	Injector Circuit Malfunction — Cylinder #5
P0206	Injector Circuit Malfunction — Cylinder #6
P0207	Injector Circuit Malfunction — Cylinder #7
P0208	Injector Circuit Malfunction — Cylinder #8
P0209	Injector Circuit Malfunction — Cylinder #9
P0210	Injector Circuit Malfunction — Cylinder #10
P0211	Injector Circuit Malfunction — Cylinder #11
P0212	Injector Circuit Malfunction — Cylinder #12
P0213	Cold Start Injector #1 Malfunction
P0214	Cold Start Injector #2 Malfunction
P0215	Engine Shutoff Solenoid Malfunction
P0216	Injection Timing Control Circuit Malfunction
P0217	Engine Over Temperature Condition
P0218	Transmission Over Temperature Condition
P0219	Engine Over Speed Condition
P0220	Throttle/Pedal Position Sensor/Switch "B" Circuit Malfunction
P0221	Throttle/Pedal Position Sensor/Switch "B" Circuit Range/Performance Problem
P0222	Throttle/Pedal Position Sensor/Switch "B" Circuit Low Input
P0223	Throttle/Pedal Position Sensor/Switch "B" Circuit High Input
P0224	Throttle/Pedal Position Sensor/Switch "B" Circuit Intermittent
P0225	Throttle/Pedal Position Sensor/Switch "C" Circuit Malfunction
P0226	Throttle/Pedal Position Sensor/Switch "C" Circuit Range/Performance Problem
P0227	Throttle/Pedal Position Sensor/Switch "C" Circuit Low Input
P0228	Throttle/Pedal Position Sensor/Switch "C" Circuit High Input
P0229	Throttle/Pedal Position Sensor/Switch "C" Circuit Intermittent
P0230	Fuel Pump Primary Circuit Malfunction
P0231	Fuel Pump Secondary Circuit Low
P0232	Fuel Pump Secondary Circuit High
P0233	Fuel Pump Secondary Circuit Intermittent
P0234	Engine Over Boost Condition
P0261	Cylinder #1 Injector Circuit Low
P0262	Cylinder #1 Injector Circuit High
P0263	Cylinder #1 Contribution/Balance Fault
P0264	Cylinder #2 Injector Circuit Low
P0265	Cylinder #2 Injector Circuit High
P0266	Cylinder #2 Contribution/Balance Fault
P0267	Cylinder #3 Injector Circuit Low
P0268	Cylinder #3 Injector Circuit High



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P0269	Cylinder #3 Contribution/Balance Fault
P0270	Cylinder #4 Injector Circuit Low
P0271	Cylinder #4 Injector Circuit High
P0272	Cylinder #4 Contribution/Balance Fault
P0273	Cylinder #5 Injector Circuit Low
P0274	Cylinder #5 Injector Circuit High
P0275	Cylinder #5 Contribution/Balance Fault
P0276	Cylinder #6 Injector Circuit Low
P0277	Cylinder #6 Injector Circuit High
P0278	Cylinder #6 Contribution/Balance Fault
P0279	Cylinder #7 Injector Circuit Low
P0280	Cylinder #7 Injector Circuit High
P0281	Cylinder #7 Contribution/Balance Fault
P0282	Cylinder #8 Injector Circuit Low
P0283	Cylinder #8 Injector Circuit High
P0284	Cylinder #8 Contribution/Balance Fault
P0285	Cylinder #9 Injector Circuit Low
P0286	Cylinder #9 Injector Circuit High
P0287	Cylinder #9 Contribution/Balance Fault
P0288	Cylinder #10 Injector Circuit Low
P0289	Cylinder #10 Injector Circuit High
P0290	Cylinder #10 Contribution/Balance Fault
P0291	Cylinder #11 Injector Circuit Low
P0292	Cylinder #11 Injector Circuit High
P0293	Cylinder #11 Contribution/Balance Fault
P0294	Cylinder #12 Injector Circuit Low
P0295	Cylinder #12 Injector Circuit High
P0296	Cylinder #12 Contribution/Balance Fault
P0300	Random/Multiple Cylinder Misfire Detected
P0301	Cylinder #1 — Misfire Detected
P0302	Cylinder #2 — Misfire Detected
P0303	Cylinder #3 — Misfire Detected
P0304	Cylinder #4 — Misfire Detected
P0305	Cylinder #5 — Misfire Detected
P0306	Cylinder #6 — Misfire Detected
P0307	Cylinder #7 — Misfire Detected
P0308	Cylinder #8 — Misfire Detected
P0320	Ignition/Distributor Engine Speed Input Circuit Malfunction
P0321	Ignition/Distributor Engine Speed Input Circuit Range/Performance
P0322	Ignition/Distributor Engine Speed Input Circuit No Signal
P0323	Ignition/Distributor Engine Speed Input Circuit Intermittent
P0325	Knock Sensor #1 — Circuit Malfunction (Bank #1 or Single Sensor)
P0326	Knock Sensor #1 — Circuit Range/Performance (Bank #1 or Single Sensor)
P0327	Knock Sensor #1 — Circuit Low Input (Bank #1 or Single Sensor)
P0328	Knock Sensor #1 — Circuit High Input (Bank #1 or Single Sensor)
P0329	Knock Sensor #1 — Circuit Input Intermittent (Bank #1 or Single Sensor)
P0330	Knock Sensor #2 — Circuit Malfunction (Bank #2)



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P0331	Knock Sensor #2 — Circuit Range/Performance (Bank #2)
P0332	Knock Sensor #2 — Circuit Low Input (Bank #2)
P0333	Knock Sensor #2 — Circuit High Input (Bank #2)
P0334	Knock Sensor #2 — Circuit Input Intermittent (Bank #2)
P0335	Crankshaft Position Sensor "A" Circuit Malfunction
P0336	Crankshaft Position Sensor "A" Circuit Range/Performance
P0337	Crankshaft Position Sensor "A" Circuit Low Input
P0338	Crankshaft Position Sensor "A" Circuit High Input
P0339	Crankshaft Position Sensor "A" Circuit Intermittent
P0340	Camshaft Position Sensor Circuit Malfunction
P0341	Camshaft Position Sensor Circuit Range/Performance
P0342	Camshaft Position Sensor Circuit Low Input
P0343	Camshaft Position Sensor Circuit High Input
P0344	Camshaft Position Sensor Circuit Intermittent
P0350	Ignition Coil Primary/Secondary Circuit Malfunction
P0351	Ignition Coil "A" Primary/Secondary Circuit Malfunction
P0352	Ignition Coil "B" Primary/Secondary Circuit Malfunction
P0353	Ignition Coil "C" Primary/Secondary Circuit Malfunction
P0354	Ignition Coil "D" Primary/Secondary Circuit Malfunction
P0355	Ignition Coil "E" Primary/Secondary Circuit Malfunction
P0356	Ignition Coil "F" Primary/Secondary Circuit Malfunction
P0357	Ignition Coil "G" Primary/Secondary Circuit Malfunction
P0358	Ignition Coil "H" Primary/Secondary Circuit Malfunction
P0359	Ignition Coil "I" Primary/Secondary Circuit Malfunction
P0360	Ignition Coil "J" Primary/Secondary Circuit Malfunction
P0361	Ignition Coil "K" Primary/Secondary Circuit Malfunction
P0362	Ignition Coil "L" Primary/Secondary Circuit Malfunction
P0370	Timing Reference High Resolution Signal "A" Malfunction
P0371	Timing Reference High Resolution Signal "A" Too Many Pulses
P0372	Timing Reference High Resolution Signal "A" Too Few Pulses
P0373	Timing Reference High Resolution Signal "A" Intermittent/Erratic Pulses
P0374	Timing Reference High Resolution Signal "A" No Pulses
P0375	Timing Reference High Resolution Signal "B" Malfunction
P0376	Timing Reference High Resolution Signal "B" Too Many Pulses
P0377	Timing Reference High Resolution Signal "B" Too Few Pulses
P0378	Timing Reference High Resolution Signal "B" Intermittent/Erratic Pulses
P0379	Timing Reference High Resolution Signal "B" No Pulses
P0380	Glow Plug/Heater Circuit "A" Malfunction
P0381	Glow Plug/Heater Indicator Circuit Malfunction
P0382	Glow Plug/Heater Circuit "B" Malfunction
P0385	Crankshaft Position Sensor "B" Circuit Malfunction
P0386	Crankshaft Position Sensor "B" Circuit Range/Performance
P0387	Crankshaft Position Sensor "B" Circuit Low Input
P0388	Crankshaft Position Sensor "B" Circuit High Input
P0389	Crankshaft Position Sensor "B" Circuit Intermittent
P0400	Exhaust Gas Recirculation Flow Malfunction
P0401	Exhaust Gas Recirculation Flow Insufficient Detected



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P0402	Exhaust Gas Recirculation Flow Excessive Detected
P0403	Exhaust Gas Recirculation Circuit Malfunction
P0404	Exhaust Gas Recirculation Circuit Range/Performance
P0405	Exhaust Gas Recirculation Sensor "A" Circuit Low
P0406	Exhaust Gas Recirculation Sensor "A" Circuit High
P0407	Exhaust Gas Recirculation Sensor "B" Circuit Low
P0408	Exhaust Gas Recirculation Sensor "B" Circuit High
P0410	Secondary Air Injection System Malfunction
P0411	Secondary Air Injection System Incorrect Flow Detected
P0412	Secondary Air Injection System Switching Valve "A" Circuit Malfunction
P0413	Secondary Air Injection System Switching Valve "A" Circuit Open
P0414	Secondary Air Injection System Switching Valve "A" Circuit Shorted
P0415	Secondary Air Injection System Switching Valve "B" Circuit Malfunction
P0416	Secondary Air Injection System Switching Valve "B" Circuit Open
P0417	Secondary Air Injection System Switching Valve "B" Circuit Shorted
P0418	Secondary Air Injection System Relay "A" Circuit Malfunction
P0419	Secondary Air Injection System Relay "B" Circuit Malfunction
P0420	Catalyst System Efficiency Below Threshold (Bank #1)
P0421	Warm Up Catalyst Efficiency Below Threshold (Bank #1)
P0422	Main Catalyst Efficiency Below Threshold (Bank #1)
P0423	Heated Catalyst Efficiency Below Threshold (Bank #1)
P0424	Heated Catalyst Temperature Below Threshold (Bank #1)
P0430	Catalyst System Efficiency Below Threshold (Bank #2)
P0431	Warm Up Catalyst Efficiency Below Threshold (Bank #2)
P0432	Main Catalyst Efficiency Below Threshold (Bank #2)
P0433	Heated Catalyst Efficiency Below Threshold (Bank #2)
P0434	Heated Catalyst Temperature Below Threshold (Bank #2)
P0440	Evaporative Emission Control System Malfunction
P0441	Evaporative Emission Control System Incorrect Purge Flow
P0442	Evaporative Emission Control System Leak Detected (Small Leak)
P0443	Evaporative Emission Control System Purge Control Valve Circuit Malfunction
P0444	Evaporative Emission Control System Purge Control Valve Circuit Open
P0445	Evaporative Emission Control System Purge Control Valve Circuit Shorted
P0446	Evaporative Emission Control System Vent Control Circuit Malfunction
P0447	Evaporative Emission Control System Vent Control Circuit Open
P0448	Evaporative Emission Control System Vent Control Circuit Shorted
P0449	Evaporative Emission Control System Vent Valve/Solenoid Circuit Malfunction
P0450	Evaporative Emission Control System Pressure Sensor Malfunction
P0451	Evaporative Emission Control System Pressure Sensor Range/Performance
P0452	Evaporative Emission Control System Pressure Sensor Low Input
P0453	Evaporative Emission Control System Pressure Sensor High Input
P0454	Evaporative Emission Control System Pressure Sensor Intermittent
P0455	Evaporative Emission Control System Leak Detected (Gross Leak)
P0460	Fuel Level Sensor Circuit Malfunction
P0461	Fuel Level Sensor Circuit Range/Performance
P0462	Fuel Level Sensor Circuit Low Input
P0463	Fuel Level Sensor Circuit High Input



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P0464	Fuel Level Sensor Circuit Intermittent
P0465	Purge Flow Sensor Circuit Malfunction
P0466	Purge Flow Sensor Circuit Range/Performance
P0467	Purge Flow Sensor Circuit Low Input
P0468	Purge Flow Sensor Circuit High Input
P0469	Purge Flow Sensor Circuit Intermittent
P0470	Exhaust Pressure Sensor Malfunction
P0471	Exhaust Pressure Sensor Range/Performance
P0472	Exhaust Pressure Sensor Low
P0473	Exhaust Pressure Sensor High
P0474	Exhaust Pressure Sensor Intermittent
P0475	Exhaust Pressure Control Valve Malfunction
P0476	Exhaust Pressure Control Valve Range/Performance
P0477	Exhaust Pressure Control Valve Low
P0478	Exhaust Pressure Control Valve High
P0479	Exhaust Pressure Control Valve Intermittent
P0480	Cooling Fan #1 Control Circuit Malfunction
P0481	Cooling Fan #2 Control Circuit Malfunction
P0482	Cooling Fan #3 Control Circuit Malfunction
P0483	Cooling Fan Rationality Check Malfunction
P0484	Cooling Fan Circuit Over Current
P0485	Cooling Fan Power/Ground Circuit Malfunction
P0500	Vehicle Speed Sensor Malfunction
P0501	Vehicle Speed Sensor Range/Performance
P0502	Vehicle Speed Sensor Circuit Low Input
P0503	Vehicle Speed Sensor Intermittent/Erratic/High
P0505	Idle Control System Malfunction
P0506	Idle Control System RPM Lower Than Expected
P0507	Idle Control System RPM Higher Than Expected
P0510	Closed Throttle Position Switch Malfunction
P0520	Engine Oil Pressure Sensor/Switch Circuit Malfunction
P0521	Engine Oil Pressure Sensor/Switch Range/Performance
P0522	Engine Oil Pressure Sensor/Switch Low Voltage
P0523	Engine Oil Pressure Sensor/Switch High Voltage
P0530	A/C Refrigerant Pressure Sensor Circuit Malfunction
P0531	A/C Refrigerant Pressure Sensor Circuit Range/Performance
P0532	A/C Refrigerant Pressure Sensor Circuit Low Input
P0533	A/C Refrigerant Pressure Sensor Circuit High Input
P0534	A/C Refrigerant Charge Loss
P0550	Power Steering Pressure Sensor Circuit Malfunction
P0551	Power Steering Pressure Sensor Circuit Range/Performance
P0552	Power Steering Pressure Sensor Circuit Low Input
P0553	Power Steering Pressure Sensor Circuit High Input
P0554	Power Steering Pressure Sensor Circuit Intermittent
P0560	System Voltage Malfunction
P0561	System Voltage Unstable
P0562	System Voltage Low



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P0563	System Voltage High
P0565	Cruise Control On Signal Malfunction
P0566	Cruise Control Off Signal Malfunction
P0567	Cruise Control Resume Signal Malfunction
P0568	Cruise Control Set Signal Malfunction
P0569	Cruise Control Coast Signal Malfunction
P0570	Cruise Control Accel Signal Malfunction
P0571	Cruise Control/Brake Switch "A" Circuit Malfunction
P0572	Cruise Control/Brake Switch "A" Circuit Low
P0573	Cruise Control/Brake Switch "A" Circuit High
P0574	Through P0580 Reserved for Cruise Codes
P0600	Serial Communication Link Malfunction
P0601	Internal Control Module Memory Check Sum Error
P0602	Control Module Programming Error
P0603	Internal Control Module Keep Alive Memory (KAM) Error
P0604	Internal Control Module Random Access Memory (RAM) Error
P0605	Internal Control Module Read Only Memory (ROM) Error
P0606	PCM Processor Fault
P0608	Control Module VSS Output "A" Malfunction
P0609	Control Module VSS Output "B" Malfunction
P0620	Generator Control Circuit Malfunction
P0621	Generator Lamp "L" Control Circuit Malfunction
P0622	Generator Field "F" Control Circuit Malfunction
P0650	Malfunction Indicator Lamp (MIL) Control Circuit Malfunction
P0654	Engine RPM Output Circuit Malfunction
P0655	Engine Hot Lamp Output Control Circuit Malfunction
P0656	Fuel Level Output Circuit Malfunction
P0700	Transmission Control System Malfunction
P0701	Transmission Control System Range/Performance
P0702	Transmission Control System Electrical
P0703	Torque Converter/Brake Switch "B" Circuit Malfunction
P0704	Clutch Switch Input Circuit Malfunction
P0705	Transmission Range Sensor Circuit Malfunction (PRNDL Input)
P0706	Transmission Range Sensor Circuit Range/Performance
P0707	Transmission Range Sensor Circuit Low Input
P0708	Transmission Range Sensor Circuit High Input
P0709	Transmission Range Sensor Circuit Intermittent
P0710	Transmission Fluid Temperature Sensor Circuit Malfunction
P0711	Transmission Fluid Temperature Sensor Circuit Range/Performance
P0712	Transmission Fluid Temperature Sensor Circuit Low Input
P0713	Transmission Fluid Temperature Sensor Circuit High Input
P0714	Transmission Fluid Temperature Sensor Circuit Intermittent
P0715	Input/Turbine Speed Sensor Circuit Malfunction
P0716	Input/Turbine Speed Sensor Circuit Range/Performance
P0717	Input/Turbine Speed Sensor Circuit No Signal
P0718	Input/Turbine Speed Sensor Circuit Intermittent
P0719	Torque Converter/Brake Switch "B" Circuit Low



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P0720	Output Speed Sensor Circuit Malfunction
P0721	Output Speed Sensor Circuit Range/Performance
P0722	Output Speed Sensor Circuit No Signal
P0723	Output Speed Sensor Circuit Intermittent
P0724	Torque Converter/Brake Switch "B" Circuit High
P0725	Engine Speed Input Circuit Malfunction
P0726	Engine Speed Input Circuit Range/Performance
P0727	Engine Speed Input Circuit No Signal
P0728	Engine Speed Input Circuit Intermittent
P0730	Incorrect Gear Ratio
P0731	Gear #1 Incorrect Ratio
P0732	Gear #2 Incorrect Ratio
P0733	Gear #3 Incorrect Ratio
P0734	Gear #4 Incorrect Ratio
P0735	Gear #5 Incorrect Ratio
P0736	Reverse Incorrect Ratio
P0740	Torque Converter Clutch Circuit Malfunction
P0741	Torque Converter Clutch Circuit Performance or Stuck Off
P0742	Torque Converter Clutch Circuit Stuck On
P0743	Torque Converter Clutch Circuit Electrical
P0744	Torque Converter Clutch Circuit Intermittent
P0745	Pressure Control Solenoid Malfunction
P0746	Pressure Control Solenoid Performance or Stuck Off
P0747	Pressure Control Solenoid Stuck On
P0748	Pressure Control Solenoid Electrical
P0749	Pressure Control Solenoid Intermittent
P0750	Shift Solenoid "A" Malfunction
P0751	Shift Solenoid "A" Performance or Stuck Off
P0752	Shift Solenoid "A" Stuck On
P0753	Shift Solenoid "A" Electrical
P0754	Shift Solenoid "A" Intermittent
P0755	Shift Solenoid "B" Malfunction
P0756	Shift Solenoid "B" Performance or Stuck Off
P0757	Shift Solenoid "B" Stuck On
P0758	Shift Solenoid "B" Electrical
P0759	Shift Solenoid "B" Intermittent
P0760	Shift Solenoid "C" Malfunction
P0761	Shift Solenoid "C" Performance Or Stuck Off
P0762	Shift Solenoid "C" Stuck On
P0763	Shift Solenoid "C" Electrical
P0764	Shift Solenoid "C" Intermittent
P0765	Shift Solenoid "D" Malfunction
P0766	Shift Solenoid "D" Performance Or Stuck Off
P0767	Shift Solenoid "D" Stuck On
P0768	Shift Solenoid "D" Electrical
P0769	Shift Solenoid "D" Intermittent
P0770	Shift Solenoid "E" Malfunction



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P0771	Shift Solenoid "E" Performance Or Stuck Off
P0772	Shift Solenoid "E" Stuck On
P0773	Shift Solenoid "E" Electrical
P0774	Shift Solenoid "E" Intermittent
P0780	Shift Malfunction
P0781	1-2 Shift Malfunction
P0782	2-3 Shift Malfunction
P0783	3-4 Shift Malfunction
P0784	4-5 Shift Malfunction
P0785	Shift/Timing Solenoid Malfunction
P0786	Shift/Timing Solenoid Range/Performance
P0787	Shift/Timing Solenoid Low
P0788	Shift/Timing Solenoid High
P0789	Shift/Timing Solenoid Intermittent
P0790	Normal/Performance Switch Circuit Malfunction
P0801	Reverse Inhibit Control Circuit Malfunction
P0803	1-4 Upshift (Skip Shift) Solenoid Control Circuit Malfunction
P0804	1-4 Upshift (Skip Shift) Lamp Control Circuit Malfunction
P1100	Barometric Pressure Sensor Circuit Fault
P1120	Accelerator Pedal Position Sensor Circuit Malfunction
P1121	Accelerator Pedal Position Sensor Range/Performance Problem
P1125	Throttle Control Motor Circuit Malfunction
P1126	Magnetic Clutch Circuit Malfunction
P1127	ETCS Actuator Power Source Circuit Malfunction
P1128	Throttle Control Motor Lock Malfunction
P1129	Electric Throttle Control System Malfunction
P1130	A/F Sensor Circuit Range / Performance Malfunction (Bank #1 Sensor #1)
P1133	A/F Sensor Circuit Response Malfunction (Bank #1 Sensor #1)
P1135	A/F Sensor Heater Circuit Malfunction (Bank #1 Sensor #1)
P1150	A/F Sensor Circuit Range / Performance Malfunction (Bank #2 Sensor #1)
P1153	A/F Sensor Circuit Response Malfunction (Bank #2 Sensor #1)
P1155	A/F Sensor Heater Circuit Malfunction (Bank #2 Sensor #1)
P1200	Fuel Pump Relay Circuit Fault
P1300	Igniter Circuit Fault (Bank #1)
P1305	Igniter Circuit Fault (Bank #2)
P1310	Igniter Circuit Fault (Bank #3)
P1315	Igniter Circuit Fault (Bank #4)
P1320	Igniter Circuit Fault (Bank #5)
P1325	Igniter Circuit Fault (Bank #6)
P1330	Igniter Circuit Fault (Bank #7)
P1335	Crankshaft Position Sensor Circuit Fault (during engine running)
P1340	Igniter Circuit Fault (Bank #8)
P1400	Sub-Throttle Position Sensor Circuit Fault
P1401	Sub-Throttle Position Sensor Performance
P1500	Starter Signal Circuit Fault
P1510	Air Volume Too Low With Supercharger On
P1520	Stop Light Switch Signal Malfunction

TOYOTA DIAGNOSTIC TROUBLE CODES

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TOYOTA DIAGNOSTIC TROUBLE CODES

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TOYOTA DIAGNOSTIC TROUBLE CODES

U660E DIAGNOSTIC TROUBLE CODE (DTC) IDENTIFICATION

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Technical Service Information

TOYOTA DIAGNOSTIC TROUBLE CODES

ENGINE PERFORMANCE DTCS HYBRID DIAGNOSTIC TROUBLE CODE (DTC) IDENTIFICATION	
P0010	Camshaft Position "A" Actuator Circuit (Bank 1)
P0011	Camshaft Position "A" - Timing Over - Advanced or System Performance (Bank 1)
P0012	Camshaft Position "A" - Timing Over-Retarded (Bank 1)
P0016	Crankshaft Position -Camshaft Position Correlation (Bank 1 Sensor A)
P0031	Oxygen (A/F) Sensor Heater Control Circuit Low (Bank 1 Sensor 1)
P0032	Oxygen (A/F) Sensor Heater Control Circuit High (Bank 1 Sensor 1)
P0037	Oxygen Sensor Heater Control Circuit Low (Bank 1 Sensor 2)
P0038	Oxygen Sensor Heater Control Circuit High (Bank 1 Sensor 2)
P0100	Mass or Volume Air Flow Circuit
P0101	Mass Air Flow Circuit Range / Performance Problem
P0102	Mass or Volume Air Flow Circuit Low Input
P0103	Mass or Volume Air Flow Circuit High Input
P0110	Intake Air Temperature Circuit Malfunction
P0111	Intake Air Temperature Sensor Gradient Too High
P0112	Intake Air Temperature Circuit Low Input
P0113	Intake Air Temperature Circuit High Input
P0115	Engine Coolant Temperature Circuit Malfunction
P0116	Engine Coolant Temperature Circuit Range / Performance Problem
P0117	Engine Coolant Temperature Circuit Low Input
P0118	Engine Coolant Temperature Circuit High Input
P0120	Throttle / Pedal Position Sensor / Switch "A" Circuit Malfunction
P0121	Throttle / Pedal Position Sensor / Switch "A" Circuit Range / Performance Problem
P0122	Throttle / Pedal Position Sensor / Switch "A" Circuit Low Input
P0123	Throttle / Pedal Position Sensor / Switch "A" Circuit High Input
P0125	Insufficient Coolant Temperature for Closed Loop Fuel Control
P0128	Coolant Thermostat (Coolant Temperature Below Thermostat Regulating Temperature)
P0136	Oxygen Sensor Circuit Malfunction (Bank 1 Sensor 2)
P0137	Oxygen Sensor Circuit Low Voltage (Bank 1 Sensor 2)
P0138	Oxygen Sensor Circuit High Voltage (Bank 1 Sensor 2)
P0139	Oxygen Sensor Circuit Slow Response(Bank 1 Sensor 2)
P0141	Oxygen Sensor Heater Circuit Malfunction (Bank 1 Sensor 2)
P0171	System Too Lean (Bank 1)
P0172	System Too Rich (Bank 1)
P0220	Throttle / Pedal Position Sensor / Switch "B" Circuit
P0222	Throttle / Pedal Position Sensor / Switch "B" Circuit Low Input
P0223	Throttle / Pedal Position Sensor / Switch "B" Circuit High Input
P0300	Random / Multiple Cylinder Misfire Detected
P0301	Cylinder 1 Misfire Detected
P0302	Cylinder 2 Misfire Detected
P0303	Cylinder 3 Misfire Detected
P0304	Cylinder 4 Misfire Detected
P0327	Knock Sensor 1 Circuit Low Input (Bank 1 or Single Sensor)
P0328	Knock Sensor 1 Circuit High Input (Bank 1 or Single Sensor)
P0335	Crankshaft Position Sensor "A" Circuit



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P0340	Camshaft Position Sensor "A" Circuit (Bank 1 or Single Sensor)
P0351	Ignition Coil "A" Primary / Secondary Circuit
P0352	Ignition Coil "B" Primary / Secondary Circuit
P0353	Ignition Coil "C" Primary / Secondary Circuit
P0354	Ignition Coil "D" Primary / Secondary Circuit
P0420	Catalyst System Efficiency Below Threshold (Bank 1)
P043E	Evaporative Emission System Reference Orifice Clog Up
P043F	Evaporative Emission System Reference Orifice High Flow
P0441	Evaporative Emission Control System Incorrect Purge Flow
P0450	Evaporative Emission Control System Pressure Sensor / Switch
P0451	Evaporative Emission Control System Pressure Sensor Range / Performance
P0452	Evaporative Emission Control System Pressure Sensor/ Switch Low Input
P0453	Evaporative Emission Control System Pressure Sensor / Switch High Input
P0505	Idle Control System Malfunction
P050A	Cold Start Idle Air Control System Performance
P0560	System Voltage
P0604	Internal Control Module Random Access Memory (RAM) Error
P0606	ECM/PCM Processor
P0607	Control Module Performance
P0657	Actuator Supply Voltage Circuit / Open
P1420	Evaporative Emission Canister Small Leak
P1421	Evaporative Emission Canister Gross Leak
P1422	Fuel Tank Small Leak
P1423	Fuel Tank Gross Leak
P1451	Fuel Tank Pressure Sensor Range/ Performance
P1452	Fuel Tank Pressure Sensor Low Input
P1453	Fuel Tank Pressure Sensor High Input
P2102	Throttle Actuator Control Motor Circuit Low
P2103	Throttle Actuator Control Motor Circuit High
P2111	Throttle Actuator Control System -Stuck Open
P2112	Throttle Actuator Control System -Stuck Closed
P2118	Throttle Actuator Control Motor Current Range / Performance
P2119	Throttle Actuator Control Throttle Body Range / Performance
P2135	Throttle / Pedal Position Sensor / Switch "A" / "B" Voltage Correlation
P2195	Oxygen (A/F) Sensor Signal Stuck Lean (Bank 1 Sensor 1)
P2196	Oxygen (A/F) Sensor Signal Stuck Rich (Bank 1 Sensor 1)
P2237	Oxygen (A/F) Sensor Pumping Current Circuit/Open (Bank 1 Sensor1)
P2238	Oxygen (A/F) Sensor Pumping Current Circuit Low (Bank 1 Sensor 1)
P2239	Oxygen (A/F) Sensor Pumping Current Circuit High (Bank 1 Sensor 1)
P2252	Oxygen (A/F) Sensor Reference Ground Circuit Low (Bank 1 Sensor 1)
P2253	Oxygen (A/F) Sensor Reference Ground Circuit High (Bank 1 Sensor1)
P2401	Evaporative Emission Leak Detection Pump Stuck OFF
P2402	Evaporative Emission Leak Detection Pump Stuck ON
P2419	Evaporative Emission System Switching Valve Control Circuit Low
P2420	Evaporative Emission System Switching Valve Control Circuit High
P2450	Fuel Vapor-containment Valve Stuck Open
P2451	Fuel Vapor-containment Valve Stuck Close

TOYOTA DIAGNOSTIC TROUBLE CODES

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TOYOTA DIAGNOSTIC TROUBLE CODES

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Technical Service Information

TOYOTA DIAGNOSTIC TROUBLE CODES

HYBRID VEHICLE CONTROL DTCS HYBRID VEHICLE CONTROL (DTC) ID	
P0343	Camshaft Position Sensor "A" Circuit High Input
P0516	Battery Temperature Sensor Circuit Low
P0517	Battery Temperature Sensor Circuit High
P0560	System Voltage
P0617	Starter Relay Circuit High
P062F	EEPROM Malfunction
P0630	VIN not Programmed or Mismatch - ECM/PCM
P0705	Transmission Range Sensor Circuit
P0851	Park/Neutral Switch Input Circuit Low
P0A01	Motor Electronics Coolant Temperature Sensor Circuit Range/Performance
P0A02	Motor Electronics Coolant Temperature Sensor Circuit Low
P0A03	Motor Electronics Coolant Temperature Sensor Circuit High
P0A08	DC/DC Converter Status Circuit
P0A09	DC/DC Converter Status Circuit Low Input
P0A0D	High Voltage System Inter-Lock Circuit High
P0A0F	Engine Failed to Start
P0A10	DC/DC Converter Status Circuit High Input
P0A1A	Generator Control Module
P0A1B	Drive Motor "A" Control Module
P0A1D	Hybrid Powertrain Control Module
P0A1F	Battery Energy Control Module
P0A2B	Drive Motor "A" Temperature Sensor Circuit Range/Performance
P0A2C	Drive Motor "A" Temperature Sensor Circuit Low
P0A2D	Drive Motor "A" Temperature Sensor Circuit High
P0A37	Generator Temperature Sensor Circuit Range/Performance
P0A38	Generator Temperature Sensor Circuit Low
P0A39	Generator Temperature Sensor Circuit High
P0A3F	Drive Motor "A" Position Sensor Circuit
P0A40	Drive Motor "A" Position Sensor Circuit Range/Performance
P0A41	Drive Motor "A" Position Sensor Circuit Low
P0A4B	Generator Position Sensor Circuit
P0A4C	Generator Position Sensor Circuit Range/Performance
P0A4D	Generator Position Sensor Circuit Low
P0A51	Drive Motor "A" Current Sensor Circuit
P0A60	Drive Motor "A" Phase V Current
P0A63	Drive Motor "A" Phase W Current
P0A72	Generator Phase V Current
P0A75	Generator Phase W Current
P0A78	Drive Motor "A" Inverter Performance
P0A7A	Generator Inverter Performance
P0A90	Drive Motor "A" Performance
P0A92	Hybrid Generator Performance
P0A93	Inverter Cooling System Performance
P0A94	DC/DC Converter Performance



Technical Service Information

TOYOTA DIAGNOSTIC TROUBLE CODES

P0AA1	Hybrid Battery Positive Contractor Circuit Stuck Closed
P0AA4	Hybrid Battery Negative Contractor Circuit Stuck Closed
P0AA6	Hybrid Battery Voltage System Isolation Fault
P0AC0	Hybrid Battery Pack Current Sensor Circuit Range/Performance
P0AA7	Hybrid Battery Voltage Isolation Sensor Circuit
P0ADB	Hybrid Battery Positive Contractor Control Circuit Low
P0ADC	Hybrid Battery Positive Contractor Control Circuit High
P0ADF	Hybrid Battery Negative Contractor Control Circuit Low
P0AE0	Hybrid Battery Negative Contractor Control Circuit High
P0AE2	Hybrid Battery Precharge Contractor Circuit Stuck Closed
P0AE6	Hybrid Battery Precharge Contractor Control Circuit Low
P0AE7	Hybrid Battery Precharge Contractor Control Circuit High
P0AEE	Motor Inverter Temperature Sensor "A" Circuit Range/Performance
P0AEF	Drive Motor Inverter Temperature Sensor "A" Circuit Low
P0AF0	Drive Motor Inverter Temperature Sensor "A" Circuit High
P1555	Reactor Temperature Sensor Circuit Low
P1556	Reactor Temperature Sensor Circuit High
P1606	Collision Detection
P2120	Throttle/Pedal Position Sensor/Switch "D" Circuit
P2121	Throttle/Pedal Position Sensor/Switch "D" Circuit Range/Performance
P2122	Throttle/Pedal Position Sensor/Switch "D" Circuit Low Input
P2123	Throttle/Pedal Position Sensor/Switch "D" Circuit High Input
P2125	Throttle/Pedal Position Sensor/Switch "E" Circuit
P2126	Throttle/Pedal Position Sensor/Switch "E" Circuit Range/Performance
P2127	Throttle/Pedal Position Sensor/Switch "E" Circuit Low Input
P2128	Throttle/Pedal Position Sensor/Switch "E" Circuit High Input
P2138	Throttle/Pedal Position Sensor/Switch "D"/"E" Voltage Correlation
P2511	ECM/PCM Power Relay Sense Circuit Intermittent
P2519	A/C Request "A" Circuit
P2532	Ignition Switch Run Position Circuit High
P3000	HV Battery Malfunction
P3004	Power Cable Malfunction
P3107	Airbag ECU Communication Circuit Malfunction
P3108	A/C Amplifier Communication Circuit Malfunction
P3110	IGCT Relay Malfunction
P3137	Collision Sensor Low Input
P3138	Collision Sensor High Input
P3147	Transmission Malfunction
P3221	Generator Inverter Temperature Sensor Circuit Range/Performance
P3222	Generator Inverter Temperature Sensor Circuit High/Low
P3223	Generator Inverter Temperature Sensor Circuit High
P3226	DC/DC Boost Converter Temperature Sensor
P3227	Converter Temperature Sensor Circuit Low
P3228	Converter Temperature Sensor Circuit High
P3232	Open or Short to B+ in Blocking of HV Gate Connection
P3233	Short to B+ in Blocking of HV Gate Connection
U0100	Lost Communication with ECM/PCM "A"

TOYOTA DIAGNOSTIC TROUBLE CODES

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