

G - TESTS W/CODES

Selected Block

1996 Celsior/Lexus LS 400

For Lextreme Powertrain 2020 S. Hacienda Blvd. # D Hacienda Heights California 91745

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DIAGNOSTIC TROUBLE CODE (DTC) IDENTIFICATION TABLE

Code	System Affected	Possible Cause
P0100	 Mass Airflow (MAF) Sensor Circuit	Open/Short Circuit, MAF Sensor Or ECM
P0101 (1)	... MAF Circuit Range/ Performance Problem	MAF Sensor
P0110	 Intake Air Temperature (IAT) Sensor Circuit	Open/Short Circuit, IAT Sensor Or ECM
P0115	 Engine Coolant Temperature (ECT) Sensor	Open/Short Circuit, ECT Sensor Or ECM
P0116 (1)	... Engine Coolant Temperature (ECT) Sensor	ECT Sensor Or Cooling System
P0120	 Throttle Position (TP) Sensor	Open/Short Circuit, TP Sensor Or ECM
P0121 (1)	... Throttle Position (TP) Sensor	TP Sensor
P0125	 Insufficient Coolant Temperature For Closed Loop	Open/Short Circuit Or H02S
P0130 (1)	... Heated Oxygen Sensor Circuit (Bank 1, Sensor 1) (2)	H02S Or Fuel Trim Malfunction
P0133 (1)	... Heated Oxygen Sensor Circuit Slow Response (Bank 1, Sensor 1) (2)	H02S
P0135 (1)	... Heated Oxygen Sensor Heater Circuit (Bank 1, Sensor 1) (2)	Open/Short In Heater Circuit, H02S Or ECM
P0136 (1)	... Heated Oxygen Sensor Circuit (Bank 1, Sensor 2) (2)	H02S
P0141 (1)	... Heated Oxygen Sensor Heater Circuit (Bank 1, Sensor 2) (2)	Open/Short In Heater Circuit, H02S Or ECM
P0150 (1)	... Heated Oxygen Sensor Circuit (Bank 2, Sensor 1) (2)	H02S Or Fuel Trim Malfunction
P0153 (1)	... Heated Oxygen Sensor Circuit Slow Response (Bank 2, Sensor 1) (2)	H02S
P0155 (1)	... Heated Oxygen Sensor Heater Circuit (Bank 2, Sensor 1) (2)	Open/Short In

				Heater Circuit, H02S Or ECM
P0156 (1)	.....	Heated Oxygen Sensor Heater Circuit (Bank 2, Sensor 2) (2)	.....	H02S
P0161 (1)	.....	Heated Oxygen Sensor Heater Circuit (Bank 2, Sensor 2) (2)	.....	Open/Short In Heater Circuit, H02S Or ECM
P0171 (1)	.....	Fuel Trim Malfunction	.....	Too Lean
P0172 (1)	.....	Fuel Trim Malfunction	.....	Too Rich
P0300	.....	Random Misfire Detected	.....	Ignition, EGR, Fuel System Or Engine Mechanical
P0301 (1)	.....	Cylinder No. 1 Misfire Detected	.....	Ignition System, Fuel System Or Engine Mechanical
P0302 (1)	.....	Cylinder No. 2 Misfire Detected	.....	Ignition System, Fuel System Or Engine Mechanical
P0303 (1)	.....	Cylinder No. 3 Misfire Detected	.....	Ignition System, Fuel System Or Engine Mechanical
P0304 (1)	.....	Cylinder No. 4 Misfire Detected	.....	Ignition System, Fuel System Or Engine Mechanical
P0305 (1)	.....	Cylinder No. 5 Misfire Detected	.....	Ignition System, Fuel System Or Engine Mechanical
P0306 (1)	.....	Cylinder No. 6 Misfire Detected	.....	Ignition System, Fuel System Or Engine Mechanical
P0307 (1)	.....	Cylinder No. 7 Misfire Detected	.....	Ignition System, Fuel System Or Engine Mechanical
P0308 (1)	.....	Cylinder No. 8 Misfire Detected	.....	Ignition System, Fuel System Or Engine Mechanical
P0325	.....	Knock Sensor No. 1 (Right Bank) Circuit Malfunction	....	Open/Short Circuit, Loose Sensor Or ECM
P0330 (1)	.....	Knock Sensor No. 2 (Left Bank) Circuit Malfunction	.....	Open/Short Circuit, Loose Sensor Or ECM
P0335 (1)	.....	Crankshaft Position (CKP) Sensor Circuit	.....	Open/Short Circuit, CKP Sensor, Starter Or ECM
P0336 (1)	.....	Crankshaft Position (CKP) Sensor Circuit/Range Performance	.....	Stretched Or

			Defective Timing Belt Or ECM
P0401 (1)	.....	Insufficient EGR Flow Detected	Open/Short EGR Circuit Or ECM
P0402 (1)	.....	Excessive EGR Flow Detected	Open/Short EGR Circuit Or ECM
P0403 (1)	.....	EGR Circuit Malfunction	Open/Short EGR Circuit Or ECM
P0420 (1)	.....	Catalyst System Efficiency Below Threshold	Catalytic Converter, Oxygen Sensor Or Circuit
P0430 (1)	.....	Catalyst System Efficiency Below Threshold (Bank 2) ...	Catalytic Converter, Oxygen Sensor Or Circuit
P0440 (1)	.....	EVAP System Malfunction	Vapor Pressure Sensor Or Circuit, Charcoal Canister Or Faulty Vacuum Circuit
P0441 (1)	.....	Incorrect EVAP Purge Flow	Open/Short Purge Control Circuit, Charcoal Canister Or Faulty Vacuum Circuit
P0446 (1)	.....	EVAP Vent Control Malfunction	Open/Short VSV Circuit, Charcoal Canister Or Faulty Vacuum Circuit
P0450 (1)	.....	EVAP Pressure Sensor Malfunction	Open/Short Vapor Pressure Sensor Circuit Or ECM
P0500 (1)	.....	Vehicle Speed Sensor Malfunction	Vehicle Speed Sensor Or Circuit, Instrument Cluster Or ECM
P0505 (1)	.....	Idle Control System Malfunction	IAC Valve Or Circuit, A/C Idle-Up VSV Or Air Intake Hose
P0510 (1)	.....	Closed Throttle Position Switch Malfunction	Closed Throttle Position Switch/Circuit Or ECM
P1100	.....	Barometric Pressure Sensor Circuit	ECM
P1200 (1)	.....	Fuel Pump Relay Circuit	Open/Short Relay Circuit Or ECM

P1300	 Ignitor Circuit Malfunction	 Ignitor Circuit To ECM, Ignitor Or ECM
P1305	 Ignitor Circuit Malfunction (Bank 2)	 Ignitor Circuit To ECM, Ignitor Or ECM
P1335	 Crankshaft Position (CKP) Sensor Circuit (Engine Running)	 Open/Short CKP Sensor Circuit Or ECM
P1400	 Sub-Throttle Position Sensor Circuit	 Open/Short Sub-Throttle Position Sensor Circuit Or ECM
P1401 (1)	 Sub-Throttle Position Sensor Malfunction	 Sub-Throttle Position Sensor
P1500	 Starter Signal Circuit Malfunction	 Starter Signal Circuit, Ignition Switch, Starter Relay Or ECM
P1600	 ECM BATT Malfunction	 ECM Power Source Circuit Or ECM
P1605	 Knock Control ECM Malfunction	 ECM
P1780 (1)	 Park/Neutral Position Switch Malfunction	 Park/Neutral Position Switch/Circuit Or ECM

- (1) - Two-trip detection logic code. For more information, see TWO-TRIP DETECTION LOGIC under INTRODUCTION.
- (2) - Bank 1 refers to bank that includes cylinder No. 1. Bank 2 refers to bank without cylinder No. 2. Sensor 1 refers to sensor closest to engine block.