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Title: M20A-FXS (ENGINE CONTROL): SFI SYSTEM: DIAGNOSTIC TROUBLE CODE CHART; 2023 - 2024 MY Prius Prius Prime [03/2023 -]		

DIAGNOSTIC TROUBLE CODE CHART

SFI System

DTC NO.	DETECTION ITEM	MIL	DTC OUTPUT FROM	PRIORITY	NOTE	LINK
P001001	Camshaft Position "A" Actuator Bank 1 General Electrical Failure	Comes on	Engine	A	SAE Code: P0010	INFO
P001100	Camshaft Position "A" - Timing Over-Advanced or System Performance Bank 1	Comes on	Engine	B	SAE Code: P0011	INFO
P001200	Camshaft Position "A" - Timing Over-Retarded Bank 1	Comes on	Engine	B	SAE Code: P0012	INFO
P001313	Camshaft Position "B" - Actuator Bank 1 Circuit Open	Comes on	Engine	A	SAE Code: P0013	INFO
P001400	Camshaft Position "B" - Timing Over-Advanced or System Performance Bank 1	Comes on	Engine	B	SAE Code: P0014	INFO
P001500	Camshaft Position "B" - Timing Over-Retarded Bank 1	Comes on	Engine	B	SAE Code: P0015	INFO
P001600	Crankshaft Position - Camshaft Position Correlation Bank 1 Sensor A	Comes on	Engine	B	SAE Code: P0016	INFO
P001700	Crankshaft Position - Camshaft Position Correlation Bank 1 Sensor B	Comes on	Engine	B	SAE Code: P0017	INFO

DTC NO.	DETECTION ITEM	MIL	DTC OUTPUT FROM	PRIORITY	NOTE	LINK
P003012	HO2S Heater Control Bank 1 Sensor 1 Circuit Short to Battery	Comes on	Engine	A	SAE Code: P0032	INFO
P003013	HO2S Heater Control Bank 1 Sensor 1 Circuit Open	Comes on	Engine	A	SAE Code: P0031	INFO
P003612	HO2S Heater Control Circuit Bank 1 Sensor 2 Circuit Short to Battery	Comes on	Engine	A	SAE Code: P0038	INFO
P003613	A/F (O2) Heater Control Circuit Bank 1 Sensor 2 Circuit Open	Comes on	Engine	A	SAE Code: P0037	INFO
P006900	Manifold Absolute Pressure - Barometric Pressure Correlation	Comes on	Engine	B	SAE Code: P0069	INFO
P008700	Fuel Rail / System Pressure - Too Low	Comes on	Engine	B	SAE Code: P0087	INFO
P008800	Fuel Rail / System Pressure - Too High	Comes on	Engine	B	SAE Code: P0088	INFO
P008A00	Low Pressure Fuel System Pressure - Too Low	Does not come on	Engine	B	SAE Code: P008A	INFO
P008B00	Low Pressure Fuel System Pressure - Too High	Does not come on	Engine	B	SAE Code: P008B	INFO
P00B111	Radiator Coolant Temperature Sensor Circuit Short to Ground	Comes on	Engine	A	SAE Code: P00B3	INFO

DTC NO.	DETECTION ITEM	MIL	DTC OUTPUT FROM	PRIORITY	NOTE	LINK
P00B115	Radiator Coolant Temperature Sensor Circuit Short to Battery or Open	Comes on	Engine	A	SAE Code: P00B4	INFO
P00B162	Radiator Coolant Temperature Sensor Signal Compare Failure	Comes on	Engine	B	SAE Code: P00B2	INFO
P00D562	A/F (O2) Sensor Correlation Bank 1 Sensor 1/Bank 1 Sensor 2 Signal Compare Failure	Comes on	Engine	B	SAE Code: P00D5	INFO
P010012	Mass or Volume Air Flow Sensor "A" Circuit Short to Battery	Comes on	Engine	A	SAE Code: P0103	INFO
P010014	Mass or Volume Air Flow Sensor "A" Circuit Short to Ground or Open	Comes on	Engine	A	SAE Code: P0102	INFO
P010064	Mass or Volume Air Flow Sensor "A" Signal Plausibility Failure	Comes on	Engine	B	SAE Code: P0101	INFO
P010511	Manifold Absolute Pressure / Barometric Pressure Sensor Circuit Short to Ground	Comes on	Engine	A	SAE Code: P0107	INFO
P010515	Manifold Absolute Pressure / Barometric Pressure Sensor Circuit Short to Battery or Open	Comes on	Engine	A	SAE Code: P0108	INFO
P01052A	Manifold Absolute Pressure / Barometric Pressure Sensor Signal Stuck in Range	Comes on	Engine	B	SAE Code: P0106	INFO
P011011	Intake Air Temperature Sensor 1 Bank 1 Circuit Short to Ground	Comes on	Engine	A	SAE Code: P0112	INFO

DTC NO.	DETECTION ITEM	MIL	DTC OUTPUT FROM	PRIORITY	NOTE	LINK
P011015	Intake Air Temperature Sensor 1 Bank 1 Circuit Short to Battery or Open	Comes on	Engine	A	SAE Code: P0113	INFO
P011511	Engine Coolant Temperature Sensor 1 Circuit Short to Ground	Comes on	Engine	A	SAE Code: P0117	INFO
P011515	Engine Coolant Temperature Sensor 1 Circuit Short to Battery or Open	Comes on	Engine	A	SAE Code: P0118	INFO
P01152A	Engine Coolant Temperature Sensor 1 Signal Stuck in Range	Comes on	Engine	B	SAE Code: P0116	INFO
P012011	Throttle / Pedal Position Sensor / Switch "A" Circuit Short to Ground	Comes on	Engine	A	SAE Code: P0122	INFO
P012015	Throttle / Pedal Position Sensor / Switch "A" Circuit Short to Battery or Open	Comes on	Engine	A	SAE Code: P0123	INFO
P01201C	Throttle / Pedal Position Sensor / Switch "A" Circuit Voltage Out of Range	Comes on	Engine	A	SAE Code: P0121	INFO
P012500	Insufficient Coolant Temperature for Closed Loop Fuel Control	Comes on	Engine	B	SAE Code: P0125	INFO
P012800	Coolant Thermostat (Coolant Temperature Below Thermostat Regulating Temperature)	Comes on	Engine	B	SAE Code: P0128	INFO
P012807	Coolant Thermostat (Coolant Temperature Below Thermostat Regulating Temperature) Mechanical Failure	Comes on	Engine	B	SAE Code: P0128	INFO

DTC NO.	DETECTION ITEM	MIL	DTC OUTPUT FROM	PRIORITY	NOTE	LINK
P012F62	Engine Coolant Temperature/Engine Oil Temperature Signal Compare Failure	Comes on	Engine	B	SAE Code: P012F	INFO
P013616	A/F (O2) Sensor Circuit Bank 1 Sensor 2 Circuit Current (Voltage) Below Threshold	Comes on	Engine	B	SAE Code: P0136	INFO
P013A7C	A/F Sensor - Rich to Lean Bank 1 Sensor 2 Slow Response	Comes on	Engine	B	SAE Code: P013A	INFO
P014C00	O2 Sensor Slow Response - Rich to Lean Bank 1 Sensor 1	Comes on	Engine	B	SAE Code: P014C	INFO
P014D00	O2 Sensor Slow Response - Lean to Rich Bank 1 Sensor 1	Comes on	Engine	B	SAE Code: P014D	INFO
P015A00	O2 Sensor Delayed Response - Rich to Lean Bank 1 Sensor 1	Comes on	Engine	B	SAE Code: P015A	INFO
P015B00	O2 Sensor Delayed Response - Lean to Rich Bank 1 Sensor 1	Comes on	Engine	B	SAE Code: P015B	INFO
P017100	System Too Lean Bank 1	Comes on	Engine	B	SAE Code: P0171	INFO
P017200	System Too Rich Bank 1	Comes on	Engine	B	SAE Code: P0172	INFO
P019011	Fuel Rail Pressure Sensor "A" Circuit Short to Ground	Comes on	Engine	A	SAE Code: P0192	INFO

DTC NO.	DETECTION ITEM	MIL	DTC OUTPUT FROM	PRIORITY	NOTE	LINK
P019015	Fuel Rail Pressure Sensor "A" Circuit Short to Battery or Open	Comes on	Engine	A	SAE Code: P0193	INFO
P01902A	Fuel Rail Pressure Sensor "A" Signal Stuck in Range	Comes on	Engine	B	SAE Code: P0191	INFO
P019064	Fuel Rail Pressure Sensor "A" Signal Plausibility Failure	Comes on	Engine	B	SAE Code: P0191	INFO
P019511	Engine Oil Temperature Sensor Circuit Short to Ground	Comes on	Engine	A	SAE Code: P0197	INFO
P019515	Engine Oil Temperature Sensor Circuit Short to Battery or Open	Comes on	Engine	A	SAE Code: P0198	INFO
P020113	Cylinder 1 Injector "A" Circuit Open	Comes on	Engine	A	SAE Code: P0201	INFO
P020213	Cylinder 2 Injector "A" Circuit Open	Comes on	Engine	A	SAE Code: P0202	INFO
P020313	Cylinder 3 Injector "A" Circuit Open	Comes on	Engine	A	SAE Code: P0203	INFO
P020413	Cylinder 4 Injector "A" Circuit Open	Comes on	Engine	A	SAE Code: P0204	INFO
P022011	Throttle/Pedal Position Sensor/Switch "B" Circuit Short to Ground	Comes on	Engine	A	SAE Code: P0222	INFO

DTC NO.	DETECTION ITEM	MIL	DTC OUTPUT FROM	PRIORITY	NOTE	LINK
P022015	Throttle/Pedal Position Sensor/Switch "B" Circuit Short to Battery or Open	Comes on	Engine	A	SAE Code: P0223	INFO
P02EE00	Cylinder 1 Injector Circuit Range/Performance	Comes on	Engine	B	SAE Code: P02EE	INFO
P02EF00	Cylinder 2 Injector Circuit Range/Performance	Comes on	Engine	B	SAE Code: P02EF	INFO
P02F000	Cylinder 3 Injector Circuit Range/Performance	Comes on	Engine	B	SAE Code: P02F0	INFO
P02F100	Cylinder 4 Injector Circuit Range/Performance	Comes on	Engine	B	SAE Code: P02F1	INFO
P030000	Random/Multiple Cylinder Misfire Detected	Comes on/Blinks* *: The MIL flashes when a catalyst-damaging misfire is detected.	Engine	B	SAE Code: P0300	INFO
P030027	Random/Multiple Cylinder Misfire Detected (Emission) Signal Rate of Change Above Threshold	Comes on	Engine	B	SAE Code: -	INFO
P030085	Random / Multiple Cylinder Misfire Detected (Over Temperature) Signal Above Allowable Range	Comes on/Blinks* *: The MIL flashes when a catalyst-damaging misfire is detected.	Engine	B	SAE Code: -	INFO
P030100	Cylinder 1 Misfire Detected	Comes on/Blinks* *: The MIL flashes when a catalyst-damaging misfire is detected.	Engine	B	SAE Code: P0301	INFO
P030200	Cylinder 2 Misfire Detected	Comes on/Blinks*	Engine	B	SAE Code:	INFO

DTC NO.	DETECTION ITEM	MIL	DTC OUTPUT FROM	PRIORITY	NOTE	LINK
		*: The MIL flashes when a catalyst-damaging misfire is detected.			P0302	
P030300	Cylinder 3 Misfire Detected	Comes on/Blinks* *: The MIL flashes when a catalyst-damaging misfire is detected.	Engine	B	SAE Code: P0303	INFO
P030400	Cylinder 4 Misfire Detected	Comes on/Blinks* *: The MIL flashes when a catalyst-damaging misfire is detected.	Engine	B	SAE Code: P0304	INFO
P032511	Knock Sensor 1 Bank 1 or Single Sensor Circuit Short to Ground	Comes on	Engine	A	SAE Code: P0327	INFO
P032515	Knock Sensor 1 Bank 1 or Single Sensor Circuit Short to Battery or Open	Comes on	Engine	A	SAE Code: P0328	INFO
P033511	Crankshaft Position Sensor "A" Circuit Short to Ground	Comes on	Engine	A	SAE Code: P0337	INFO
P033515	Crankshaft Position Sensor "A" Circuit Short to Battery or Open	Comes on	Engine	A	SAE Code: P0338	INFO
P03352A	Crankshaft Position Sensor "A" Signal Stuck in Range	Comes on	Engine	A	SAE Code: P0335	INFO
P033531	Crankshaft Position Sensor "A" No Signal	Comes on	Engine	A	SAE Code: P0335	INFO
P034011	Camshaft Position Sensor "A" Bank 1 or Single Sensor Circuit Short to Ground	Comes on	Engine	A	SAE Code: P0342	INFO

DTC NO.	DETECTION ITEM	MIL	DTC OUTPUT FROM	PRIORITY	NOTE	LINK
P034015	Camshaft Position Sensor "A" Bank 1 or Single Sensor Circuit Short to Battery or Open	Comes on	Engine	A	SAE Code: P0343	INFO
P034031	Camshaft Position Sensor "A" Bank 1 or Single Sensor No Signal	Comes on	Engine	A	SAE Code: P0340	INFO
P036511	Camshaft Position Sensor "B" Bank 1 Circuit Short to Ground	Comes on	Engine	A	SAE Code: P0367	INFO
P036515	Camshaft Position Sensor "B" Bank 1 Circuit Short to Battery or Open	Comes on	Engine	A	SAE Code: P0368	INFO
P03652A	Camshaft Position Sensor "B" Bank 1 Signal Stuck in Range	Comes on	Engine	A	SAE Code: P0365	INFO
P036531	Camshaft Position Sensor "B" Bank 1 No Signal	Comes on	Engine	A	SAE Code: P0365	INFO
P040000	Exhaust Gas Recirculation "A" Flow	Comes on	Engine	B	SAE Code: P0400	INFO
P04019C	Exhaust Gas Recirculation "A" Low / Insufficient Flow	Comes on	Engine	B	SAE Code: P0401	INFO
P04029B	Exhaust Gas Recirculation "A" High/Excessive Flow	Comes on	Engine	B	SAE Code: P0402	INFO
P040318	Exhaust Gas Recirculation "A" Circuit Current Below Threshold	Comes on	Engine	A	SAE Code: P0489	INFO

DTC NO.	DETECTION ITEM	MIL	DTC OUTPUT FROM	PRIORITY	NOTE	LINK
P040319	Exhaust Gas Recirculation "A" Circuit Current Above Threshold	Comes on	Engine	A	SAE Code: P0490	INFO
P042000	Catalyst System Efficiency Below Threshold Bank 1	Comes on	Engine	B	SAE Code: P0420	INFO
P043E00	Evaporative Emission System Leak Detection Reference Orifice Low Flow	Comes on	Engine	B	SAE Code: P043E	INFO
P043F00	Evaporative Emission System Leak Detection Reference Orifice High Flow	Comes on	Engine	B	SAE Code: P043F	INFO
P04417E	Evaporative Emission System Incorrect Purge Flow Actuator Stuck On	Comes on	Engine	B	SAE Code: P0441	INFO
P04417F	Evaporative Emission System Incorrect Purge Flow Actuator Stuck Off	Comes on	Engine	B	SAE Code: P0441	INFO
P04419C	Evaporative Emission System Incorrect Purge Flow Low/Insufficient Flow	Comes on	Engine	B	SAE Code: P0441	INFO
P044672	EVAP System Vent Valve Stuck Open Actuator Stuck Open	Comes on	Engine	B	SAE Code: P2421	INFO
P045011	Evaporative Emission System Pressure Sensor/Switch Circuit Short to Ground	Comes on	Engine	A	SAE Code: P0452	INFO
P045015	Evaporative Emission System Pressure Sensor/Switch Circuit Short to Battery or Open	Comes on	Engine	A	SAE Code: P0453	INFO

DTC NO.	DETECTION ITEM	MIL	DTC OUTPUT FROM	PRIORITY	NOTE	LINK
P04502F	Evaporative Emission System Pressure Sensor/Switch Signal Erratic	Comes on	Engine	A	SAE Code: P0451	INFO
P046673	EVAP System Vent Valve Stuck Closed Actuator Stuck Closed	Comes on	Engine	B	SAE Code: P2422	INFO
P050500	Idle Control System	Comes on	Engine	B	SAE Code: P0505	INFO
P050A00	Cold Start Idle Control System Performance	Comes on	Engine	B	SAE Code: P050A	INFO
P050B00	Cold Start Ignition Timing Performance	Comes on	Engine	B	SAE Code: P050B	INFO
P052012	Engine Oil Pressure Sensor/Switch "A" Circuit Short to Battery	Comes on	Engine	A	SAE Code: P0523	INFO
P052014	Engine Oil Pressure Sensor/Switch "A" Circuit Short to Ground or Open	Comes on	Engine	A	SAE Code: P0522	INFO
P052024	Engine Oil Pressure Sensor/Switch "A" Signal Stuck High	Comes on	Engine	B	SAE Code: P0521	INFO
P05202A	Engine Oil Pressure Sensor/Switch "A" Signal Stuck in Range	Comes on	Engine	B	SAE Code: P0521	INFO
P052477	Engine Oil Pressure Too Low (Severe)	Comes on	Engine	B	SAE Code: P0524	INFO

DTC NO.	DETECTION ITEM	MIL	DTC OUTPUT FROM	PRIORITY	NOTE	LINK
P056014	System Voltage Circuit Short to Ground or Open	Comes on	Engine	A	SAE Code: P0562	INFO
P059A71	Active Grille Air Shutter "A" Actuator Stuck	Comes on	Engine	A	SAE Code: P059F	INFO
P059A79	Active Grille Air Shutter "A" Mechanical Linkage Failure	Comes on	Engine	A	SAE Code: P059F	INFO
P05A212	Active Grille Air Shutter "A" Circuit Short to Battery	Comes on	Engine	A	SAE Code: P05A4	INFO
P060444	Internal Control Module Random Access Memory (RAM) Error Data Memory Failure	Comes on	Engine	A	SAE Code: P0604	INFO
P060647	Control Module Processor Watchdog/Safety MCU Failure	Comes on	Engine	A	SAE Code: P0606	INFO
P060747	Control Module Performance Bank 1 Watchdog/Safety MCU Failure	Comes on	Engine	A	SAE Code: P0607	INFO
P060787	Control Module Performance Bank 1 Missing Message	Comes on	Engine	A	SAE Code: P0607	INFO
P060E49	Internal Control Module Throttle Position Performance Internal Electronic Failure	Comes on	Engine	A	SAE Code: P060E	INFO
P062712	Fuel Pump "A" Control Circuit Short to Battery	Comes on	Engine	A	SAE Code: P0629	INFO

DTC NO.	DETECTION ITEM	MIL	DTC OUTPUT FROM	PRIORITY	NOTE	LINK
P062714	Fuel Pump "A" Control Circuit Short to Ground or Open	Comes on	Engine	A	SAE Code: P0628	INFO
P062D13	Fuel Injector Driver Circuit Performance Bank 1 Circuit Open	Comes on	Engine	A	SAE Code: P062D	INFO
P062F44	Internal Control Module EEPROM Data Memory Failure	Comes on	Engine	A	SAE Code: P062F	INFO
P063051	VIN Not Programmed	Comes on	Engine	B	SAE Code: P0630	INFO
P064A49	Fuel Pump Control Module Internal Electronic Failure	Comes on	Engine	B	SAE Code: P064A	INFO
P065714	Actuator Supply Voltage "A" Circuit Short to Ground or Open	Comes on	Engine	A	SAE Code: P0658	INFO
P06579E	Actuator Supply Voltage "A" Stuck On	Comes on	Engine	A	SAE Code: P0657	INFO
P06AB11	Control Module Internal Temperature Sensor "B" Circuit Short to Ground	Comes on	Engine	A	SAE Code: P06AD	INFO
P06AB15	Control Module Internal Temperature Sensor "B" Circuit Short to Battery or Open	Comes on	Engine	A	SAE Code: P06AE	INFO
P06DA13	Engine Oil Pressure Control Circuit Open	Does not come on	Engine	A	SAE Code: P06DA	INFO

DTC NO.	DETECTION ITEM	MIL	DTC OUTPUT FROM	PRIORITY	NOTE	LINK
P101A9E	A/F Sensor Heater Performance Bank 1 Sensor 1 Stuck On	Comes on	Engine	A	SAE Code: P101D	INFO
P102A9E	O2 Sensor Heater Performance Bank 1 Sensor 2 Stuck On	Comes on	Engine	A	SAE Code: P102D	INFO
P106A62	Evaporative Emission System Pressure / Intake Air Pressure Signal Compare Failure	Comes on	Engine	B	SAE Code: P106A	INFO
P106C62	Evaporative Emission System Pressure/Barometric Pressure Signal Compare Failure	Comes on	Engine	B	SAE Code: P106C	INFO
P107A11	Fuel Rail Pressure Sensor (Low) / Fuel Rail Pressure Sensor "B" Circuit Short to Ground	Comes on	Engine	A	SAE Code: P107C	INFO
P107A15	Fuel Rail Pressure Sensor (Low) / Fuel Rail Pressure Sensor "B" Circuit Short to Battery or Open	Comes on	Engine	A	SAE Code: P107D	INFO
P107A2A	Fuel Rail Pressure Sensor (Low) Signal Stuck in Range	Comes on	Engine	B	SAE Code: P107B	INFO
P107A64	Fuel Rail Pressure Sensor (Low) Signal Plausibility Failure	Comes on	Engine	B	SAE Code: P107B	INFO
P111C62	Control Module Internal Temperature Sensor/Intake Air Temperature Sensor Signal Compare Failure	Comes on	Engine	B	SAE Code: P111C	INFO
P117000	Fuel Performance/Port Injector	Does not come on	Engine	B	SAE Code: P1170	INFO

DTC NO.	DETECTION ITEM	MIL	DTC OUTPUT FROM	PRIORITY	NOTE	LINK
P117B00	Fuel Performance/Direct Injector	Does not come on	Engine	B	SAE Code: P117B	INFO
P11EA00	Bank 1 Air-Fuel Ratio Imbalance (Port)	Comes on	Engine	B	SAE Code: P11EA	INFO
P11EC00	Cylinder #1 Air-Fuel Ratio Imbalance (Port)	Comes on	Engine	B	SAE Code: P11EC	INFO
P11ED00	Cylinder #2 Air-Fuel Ratio Imbalance (Port)	Comes on	Engine	B	SAE Code: P11ED	INFO
P11EE00	Cylinder #3 Air-Fuel Ratio Imbalance (Port)	Comes on	Engine	B	SAE Code: P11EE	INFO
P11EF00	Cylinder #4 Air-Fuel Ratio Imbalance (Port)	Comes on	Engine	B	SAE Code: P11EF	INFO
P123513	High Pressure Fuel Pump Circuit Open	Comes on	Engine	A	SAE Code: P1235	INFO
P128300	Cold Start Fuel Injection Control Performance #1	Comes on	Engine	B	SAE Code: P1283	INFO
P128400	Cold Start Fuel Injection Control Performance #2	Comes on	Engine	B	SAE Code: P1284	INFO
P128500	Cold Start Fuel Injection Control Performance #3	Comes on	Engine	B	SAE Code: P1285	INFO

DTC NO.	DETECTION ITEM	MIL	DTC OUTPUT FROM	PRIORITY	NOTE	LINK
P128600	Cold Start Fuel Injection Control Performance #4	Comes on	Engine	B	SAE Code: P1286	INFO
P12D013	Fuel Pump Control (All Phase) Circuit Open	Comes on	Engine	A	SAE Code: P12D0	INFO
P12D113	Fuel Pump Control (U Phase) Circuit Open	Comes on	Engine	A	SAE Code: P12D1	INFO
P12D213	Fuel Pump Control (V Phase) Circuit Open	Comes on	Engine	A	SAE Code: P12D2	INFO
P12D313	Fuel Pump Control (W Phase) Circuit Open	Comes on	Engine	A	SAE Code: P12D3	INFO
P12D41D	Fuel Pump Control Circuit Current Out of Range	Comes on	Engine	A	SAE Code: P12D4	INFO
P12D501	Fuel Pump Control General Electrical Failure	Comes on	Engine	A	SAE Code: P12D5	INFO
P136001	"A" Camshaft Position Actuator Bank 1 General Electrical Failure	Comes on	Engine	A	SAE Code: P1360	INFO
P136201	"B" Camshaft Position Actuator Bank 1 General Electrical Failure	Comes on	Engine	A	SAE Code: P1362	INFO
P136411	"C" Camshaft Position Actuator Bank 1 Circuit Short to Ground	Comes on	Engine	A	SAE Code: P1364	INFO

DTC NO.	DETECTION ITEM	MIL	DTC OUTPUT FROM	PRIORITY	NOTE	LINK
P136415	"C" Camshaft Position Actuator Bank 1 Circuit Short to Battery or Open	Comes on	Engine	A	SAE Code: P1364	INFO
P136629	"E" Camshaft Position Actuator Bank 1 Signal Invalid	Comes on	Engine	A	SAE Code: P1366	INFO
P140018	Exhaust Gas Recirculation "A" Control Circuit 2 Circuit Current Below Threshold	Comes on	Engine	A	SAE Code: P0489	INFO
P140019	Exhaust Gas Recirculation "A" Control Circuit 2 Circuit Current Above Threshold	Comes on	Engine	A	SAE Code: P0490	INFO
P142000	Evaporative Emission Canister (Small Leak)	Comes on	Engine	B	SAE Code: P1420	INFO
P142100	Evaporative Emission Canister (Gross Leak)	Comes on	Engine	B	SAE Code: P1421	INFO
P142200	Evaporative Emission Fuel Tank (Small Leak)	Comes on	Engine	B	SAE Code: P1422	INFO
P142300	Evaporative Emission Fuel Tank (Gross Leak)	Comes on	Engine	B	SAE Code: P1423	INFO
P145011	Fuel Tank Pressure Sensor Circuit Short to Ground	Comes on	Engine	A	SAE Code: P1452	INFO
P145015	Fuel Tank Pressure Sensor Circuit Short to Battery or Open	Comes on	Engine	A	SAE Code: P1453	INFO

DTC NO.	DETECTION ITEM	MIL	DTC OUTPUT FROM	PRIORITY	NOTE	LINK
P14502A	Fuel Tank Pressure Sensor Signal Stuck in Range	Comes on	Engine	A	SAE Code: P1451	INFO
P14502F	Fuel Tank Pressure Sensor Signal Erratic	Comes on	Engine	A	SAE Code: P1451	INFO
P14CE12	EVAP System Switching Valve Control Circuit "B" High Circuit Short to Battery	Comes on	Engine	A	SAE Code: P14D1	INFO
P14CE14	EVAP System Switching Valve Control Circuit "B" Low Circuit Short to Ground or Open	Comes on	Engine	A	SAE Code: P14D0	INFO
P15AD87	Active Grille Air Shutter "A" Missing Message	Comes on	Engine	A	SAE Code: P15AD	INFO
P15F009	Engine Oil Pressure Too Low (Moderate)	Does not come on	Engine	B	SAE Code: P15F0	INFO
P15F077	Engine Oil Pressure Too Low (Minor)	Does not come on	Engine	B	SAE Code: P15F0	INFO
P15F109	Variable Oil Pump Component Failure	Does not come on	Engine	B	SAE Code: P15F1	INFO
P15F177	Variable Oil Pump Commanded Position Not Reachable	Does not come on	Engine	B	SAE Code: P15F1	INFO
P16B09F	Actuator Cut Circuit Stuck Off	Comes on	Engine	A	SAE Code: P16B0	INFO

DTC NO.	DETECTION ITEM	MIL	DTC OUTPUT FROM	PRIORITY	NOTE	LINK
P210018	Throttle Actuator "A" Control Motor Circuit Current Below Threshold	Comes on	Engine	A	SAE Code: P2102	INFO
P210019	Throttle Actuator "A" Control Motor Circuit Current Above Threshold	Comes on	Engine	A	SAE Code: P2103	INFO
P210900	Throttle/Pedal Position Sensor "A" Minimum Stop Performance	Does not come on	Engine	B	SAE Code: P2109	INFO
P211172	Throttle Actuator "A" Control System Actuator Stuck Open	Comes on	Engine	B	SAE Code: P2111	INFO
P211173	Throttle Actuator "A" Control System Actuator Stuck Closed	Comes on	Engine	B	SAE Code: P2112	INFO
P211900	Throttle Actuator "A" Control Throttle Body Range/Performance	Comes on	Engine	B	SAE Code: P2119	INFO
P211904	Throttle Actuator "A" Control Throttle Body Range/Performance System Internal Failure	Comes on	Engine	B	SAE Code: P2119	INFO
P211977	Throttle Actuator "A" Control Throttle Body Range/Performance Commanded Position Not Reachable	Comes on	Engine	B	SAE Code: P2119	INFO
P21199B	Throttle Actuator "A" Control Throttle Body High/Excessive Flow	Comes on	Engine	B	SAE Code: P2119	INFO
P21352B	Throttle/Pedal Position Sensor/Switch "A"/"B" Voltage Correlation Signal Cross Coupled	Comes on	Engine	A	SAE Code: P2135	INFO

DTC NO.	DETECTION ITEM	MIL	DTC OUTPUT FROM	PRIORITY	NOTE	LINK
P219519	A/F (O2) Sensor Signal Biased/Stuck Lean Bank 1 Sensor 1 Circuit Current Above Threshold	Comes on	Engine	B	SAE Code: P2195	INFO
P219524	A/F (O2) Sensor Signal Biased/Stuck Lean Bank 1 Sensor 1 Signal Stuck High	Comes on	Engine	B	SAE Code: P2195	INFO
P219618	A/F (O2) Sensor Signal Biased/Stuck Rich Bank 1 Sensor 1 Circuit Current Below Threshold	Comes on	Engine	B	SAE Code: P2196	INFO
P219623	A/F (O2) Sensor Signal Biased/Stuck Rich Bank 1 Sensor 1 Signal Stuck Low	Comes on	Engine	B	SAE Code: P2196	INFO
P219A00	Bank 1 Air-Fuel Ratio Imbalance	Comes on	Engine	B	SAE Code: P219A	INFO
P219C00	Cylinder 1 Air-Fuel Ratio Imbalance	Comes on	Engine	B	SAE Code: P219C	INFO
P219D00	Cylinder 2 Air-Fuel Ratio Imbalance	Comes on	Engine	B	SAE Code: P219D	INFO
P219E00	Cylinder 3 Air-Fuel Ratio Imbalance	Comes on	Engine	B	SAE Code: P219E	INFO
P219F00	Cylinder 4 Air-Fuel Ratio Imbalance	Comes on	Engine	B	SAE Code: P219F	INFO
P21CF13	Cylinder 1 Injector "B" Circuit Open	Comes on	Engine	A	SAE Code: P21CF	INFO

DTC NO.	DETECTION ITEM	MIL	DTC OUTPUT FROM	PRIORITY	NOTE	LINK
P21D013	Cylinder 2 Injector "B" Circuit Open	Comes on	Engine	A	SAE Code: P21D0	INFO
P21D113	Cylinder 3 Injector "B" Circuit Open	Comes on	Engine	A	SAE Code: P21D1	INFO
P21D213	Cylinder 4 Injector "B" Circuit Open	Comes on	Engine	A	SAE Code: P21D2	INFO
P222611	Barometric Pressure Sensor "A" Circuit Short to Ground	Comes on	Engine	A	SAE Code: P2228	INFO
P222615	Barometric Pressure Sensor "A" Circuit Short to Battery or Open	Comes on	Engine	A	SAE Code: P2229	INFO
P223711	A/F (O2) Sensor Positive Current Control Bank 1 Sensor 1 Circuit Short to Ground	Comes on	Engine	A	SAE Code: P2238	INFO
P223712	A/F (O2) Sensor Positive Current Control Bank 1 Sensor 1 Circuit Short to Battery	Comes on	Engine	A	SAE Code: P2239	INFO
P223713	A/F (O2) Sensor Positive Current Control Bank 1 Sensor 1 Circuit Open	Comes on	Engine	A	SAE Code: P2237	INFO
P223716	A/F (O2) Sensor Positive Current Control Bank 1 Sensor 1 Circuit Voltage Below Threshold	Comes on	Engine	A	SAE Code: P2238	INFO
P223717	A/F (O2) Sensor Positive Current Control Bank 1 Sensor 1 Circuit Voltage Above Threshold	Comes on	Engine	A	SAE Code: P2239	INFO

DTC NO.	DETECTION ITEM	MIL	DTC OUTPUT FROM	PRIORITY	NOTE	LINK
P22371B	A/F (O2) Sensor Positive Current Control Bank 1 Sensor 1 Circuit Resistance Above Threshold	Comes on	Engine	A	SAE Code: P2238	INFO
P225111	O2 Sensor Negative Current Control Bank 1 Sensor 1 Circuit Short to Ground	Comes on	Engine	A	SAE Code: P2252	INFO
P225112	O2 Sensor Negative Current Control Bank 1 Sensor 1 Circuit Short to Battery	Comes on	Engine	A	SAE Code: P2253	INFO
P227019	A/F (O2) Sensor Signal Biased/Stuck Lean Bank 1 Sensor 2 Circuit Current Above Threshold	Comes on	Engine	B	SAE Code: P2270	INFO
P227118	A/F (O2) Sensor Signal Biased/Stuck Rich Bank 1 Sensor 2 Circuit Current Below Threshold	Comes on	Engine	B	SAE Code: P2271	INFO
P22AB11	A/F (O2) Sensor Positive Current Control Bank 1 Sensor 2 Circuit Short to Ground	Comes on	Engine	A	SAE Code: P22AC	INFO
P22AB12	A/F (O2) Sensor Positive Current Control Bank 1 Sensor 2 Circuit Short to Battery	Comes on	Engine	A	SAE Code: P22AD	INFO
P22AB13	A/F (O2) Sensor Positive Current Control Bank 1 Sensor 2 Circuit Open	Comes on	Engine	A	SAE Code: P22AB	INFO
P22AB16	A/F (O2) Sensor Positive Current Control Bank 1 Sensor 2 Circuit Voltage Below Threshold	Comes on	Engine	A	SAE Code: P22AC	INFO
P22AB17	A/F (O2) Sensor Positive Current Control Bank 1 Sensor 2 Circuit Voltage Above Threshold	Comes on	Engine	A	SAE Code: P22AD	INFO

DTC NO.	DETECTION ITEM	MIL	DTC OUTPUT FROM	PRIORITY	NOTE	LINK
P22B211	A/F (O2) Sensor Negative Current Control Bank 1 Sensor 2 Circuit Short to Ground	Comes on	Engine	A	SAE Code: P22B3	INFO
P22B212	A/F (O2) Sensor Negative Current Control Bank 1 Sensor 2 Circuit Short to Battery	Comes on	Engine	A	SAE Code: P22B4	INFO
P24007E	Evaporative Emission System Leak Detection Pump Control Circuit Actuator Stuck On	Comes on	Engine	B	SAE Code: P2402	INFO
P24007F	Evaporative Emission System Leak Detection Pump Control Circuit Actuator Stuck Off	Comes on	Engine	B	SAE Code: P2401	INFO
P241812	EVAP System Switching Valve Control Circuit High Circuit Short to Battery	Comes on	Engine	A	SAE Code: P2420	INFO
P241814	EVAP System Switching Valve Control Circuit Low Circuit Short to Ground or Open	Comes on	Engine	A	SAE Code: P2419	INFO
P24507E	Evaporative Emission System Switching Valve Actuator Stuck On	Comes on	Engine	B	SAE Code: P2450	INFO
P24517F	Evaporative Emission System Switching Valve Actuator Stuck Off	Comes on	Engine	B	SAE Code: P2451	INFO
P253314	Ignition Switch On/Start Position Circuit Low Circuit Short to Ground or Open	Does not come on	Engine	A	SAE Code: P22B4	INFO
P261029	ECM/PCM Engine Off Timer Performance Signal Invalid	Comes on	Engine	A	SAE Code: P2610	INFO

DTC NO.	DETECTION ITEM	MIL	DTC OUTPUT FROM	PRIORITY	NOTE	LINK
P261093	ECM/PCM Engine Off Timer Performance No Operation	Comes on	Engine	A	SAE Code: P2610	INFO
P261401	Camshaft Position Signal Output "A" General Electrical Failure	Comes on	Engine	A	SAE Code: P2614	INFO
P26CA12	Engine Coolant Pump Circuit Short to Battery	Comes on	Engine	A	SAE Code: P26CD	INFO
P26CA14	Engine Coolant Pump Circuit Short to Ground or Open	Comes on	Engine	A	SAE Code: P26CC	INFO
P26CA31	Engine Coolant Pump No Signal	Comes on	Engine	A	SAE Code: P26CA	INFO
P26CB71	Engine Coolant Pump Actuator Stuck	Comes on	Engine	B	SAE Code: P26CB	INFO
P26CE37	Engine Coolant Pump Overspeed	Does not come on	Engine	B	SAE Code: P26CE	INFO
P319000	Poor Engine Power	Comes on	Engine	B	SAE Code: P3190	INFO
P319100	Engine does not Start	Comes on	Engine	B	SAE Code: P3191	INFO
P319300	Fuel Run Out	Does not come on	Engine	A	SAE Code: P3193	INFO

DTC NO.	DETECTION ITEM	MIL	DTC OUTPUT FROM	PRIORITY	NOTE	LINK
U011087	Lost Communication with Drive Motor Control Module "A" Missing Message	Comes on	Engine	B	SAE Code: U0110	INFO
U011187	Lost Communication with Hybrid/EV Battery Energy Control Module "A" Missing Message	Comes on	Engine	B	SAE Code: U0111	INFO
U012987	Lost Communication with Brake System Control Module Missing Message	Comes on	Engine	B	SAE Code: U0129	INFO
U016487	Lost Communication with HVAC Control Module Missing Message	Comes on	Engine	B	SAE Code: U0164	INFO
U019B87	Lost Communication with Battery Charger Control Module Missing Message	Comes on	Engine	B	SAE Code: U019B	INFO
U029387	Lost Communication With Hybrid Powertrain Control Module Missing Message	Comes on	Engine	B	SAE Code: U0293	INFO
U115087	Lost Communication with Hybrid Powertrain Control Module (ch2) Missing Message	Comes on	Engine	B	SAE Code: U1150	INFO
U115487	Lost Communication with Drive Motor Control Module "A" (ch2) Missing Message	Comes on	Engine	B	SAE Code: U1154	INFO

