

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
M	P0001	FUEL VOLUME REGULATOR CONTROL CIRCUIT / OPEN	G	G	G *
M	P0002	FUEL VOLUME REGULATOR CONTROL CIRCUIT RANGE / PERFORMANCE	G	G	G *
M	P0003	FUEL VOLUME REGULATOR CONTROL CIRCUIT LOW	G	G	G *
M	P0004	FUEL VOLUME REGULATOR CONTROL CIRCUIT HIGH	G	G	G *
	P0005	FUEL SHUTOFF VALVE "A" CONTROL CIRCUIT / OPEN			G
M	P0006	FUEL SHUTOFF VALVE "A" CONTROL CIRCUIT LOW			A *
M	P0007	FUEL SHUTOFF VALVE "A" CONTROL CIRCUIT HIGH			A *
	P000A	INTAKE "A" CAMSHAFT POSITION SLOW RESPONSE (Bank 1)		G	
M	P000B	EXHAUST "B" CAMSHAFT POSITION SLOW RESPONSE (Bank 1)		G	G *
M	P000E	FUEL VOLUME REGULATOR CONTROL EXCEEDED LEARNING LIMIT			
M	P0010	INTAKE "A" CAMSHAFT POSITION ACTUATOR CONTROL CIRCUIT / OPEN (Bank 1)	G	G	G *
M	P0011	INTAKE "A" CAMSHAFT POSITION TIMING - OVER ADVANCED (Bank 1)		G	G *
M	P0012	INTAKE "A" CAMSHAFT POSITION TIMING - OVER RETARDED (Bank 1)		G	G *
M	P0013	EXHAUST "B" CAMSHAFT POSITION ACTUATOR CONTROL CIRCUIT / OPEN (Bank 1)	G	G	G *
M	P0014	EXHAUST "B" CAMSHAFT POSITION TIMING - OVER ADVANCED (Bank 1)		G	G *
M	P0015	EXHAUST "B" CAMSHAFT POSITION TIMING - OVER RETARDED (Bank 1)		G	G *
M	P0016	CRANKSHAFT POSITION - CAMSHAFT POSITION CORRELATION (Bank 1, Sensor A)		G	G *
M	P0017	CRANKSHAFT POSITION - CAMSHAFT POSITION CORRELATION (Bank 1, Sensor B)		G	G *
M	P0018	CRANKSHAFT POSITION - CAMSHAFT POSITION CORRELATION (Bank 2, Sensor A)			G *
M	P0019	CRANKSHAFT POSITION - CAMSHAFT POSITION CORRELATION (Bank 2, Sensor B)			G *
M	P0020	INTAKE "A" CAMSHAFT POSITION ACTUATOR CONTROL CIRCUIT / OPEN (Bank 2)	G	G	G *
M	P0021	INTAKE "A" CAMSHAFT POSITION TIMING - OVER ADVANCED (Bank 2)		G	G *
M	P0022	INTAKE "A" CAMSHAFT POSITION TIMING - OVER RETARDED (Bank 2)		G	G *
M	P0023	EXHAUST "B" CAMSHAFT POSITION ACTUATOR CONTROL CIRCUIT / OPEN (Bank 2)	G	G	G *
M	P0024	EXHAUST "B" CAMSHAFT POSITION TIMING - OVER ADVANCED (Bank 2)		G	G *
M	P0025	EXHAUST "B" CAMSHAFT POSITION TIMING - OVER RETARDED (Bank 2)		G	G *
M	P0030	HO2S HEATER CONTROL CIRCUIT (Bank 1, Sensor 1)		G	G *
M	P0031	HO2S HEATER CONTROL CIRCUIT LOW (Bank 1, Sensor 1)		G	G *
M	P0032	HO2S HEATER CONTROL CIRCUIT HIGH (Bank 1, Sensor 1)	G	G	G *
M	P0033	TURBOCHARGER / SUPERCHARGER BYPASS VALVE "A" CONTROL CIRCUIT / OPEN			

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Indicator Light	CODE		Spark Ignition		
			KOEO	KOER	CONT
	P0034	TURBOCHARGER / SUPERCHARGER BYPASS VALVE "A" CONTROL CIRCUIT LOW	G	G	G
	P0035	TURBOCHARGER / SUPERCHARGER BYPASS VALVE "A" CONTROL CIRCUIT HIGH	G	G	G
M	P0036	HO2S HEATER CONTROL CIRCUIT (Bank 1, Sensor 2)		G	G *
M	P0037	HO2S HEATER CONTROL CIRCUIT LOW (Bank 1, Sensor 2)		G	G *
M	P0038	HO2S HEATER CONTROL CIRCUIT HIGH (Bank 1, Sensor 2)	G	G	G *
	P0040	OXYGEN SENSOR SIGNALS SWAPPED (Bank 1 Sensor 1 / Bank 2 Sensor 1)		G	
	P0041	OXYGEN SENSOR SIGNALS SWAPPED (Bank 1 Sensor 2 / Bank 2 Sensor 2)		G	
M	P0043	HO2S HEATER CONTROL CIRCUIT LOW (Bank 1, Sensor 3)			G *
M	P0044	HO2S HEATER CONTROL CIRCUIT HIGH (Bank 1, Sensor 3)			G *
M	P0046	TURBO/SUPER CHARGER BOOST CONTROL SOLENOID A CIRCUIT RANGE / PERFORMANCE			
	P0049	TURBOCHARGER / SUPERCHARGER "A" TURBINE OVERSPEED			
M	P0050	HO2S HEATER CONTROL CIRCUIT (Bank 2, Sensor 1)		G	G *
M	P0051	HO2S HEATER CONTROL CIRCUIT LOW (Bank 2, Sensor 1)			G *
M	P0052	HO2S HEATER CONTROL CIRCUIT HIGH (Bank 2, Sensor 1)		G	G *
M	P0053	HO2S HEATER RESISTANCE (Bank 1, Sensor 1)	G	G	G *
M	P0054	HO2S HEATER RESISTANCE (Bank 1, Sensor 2)	G	G	G *
M	P0055	HO2S HEATER RESISTANCE (Bank 1, Sensor 3)	G	G	G *
M	P0056	HO2S HEATER CONTROL CIRCUIT (Bank 2, Sensor 2)		G	G *
M	P0057	HO2S HEATER CONTROL CIRCUIT LOW (Bank 2, Sensor 2)			G *
M	P0058	HO2S HEATER CONTROL CIRCUIT HIGH (Bank 2, Sensor 2)			G *
M	P0059	HO2S HEATER RESISTANCE (Bank 2, Sensor 1)	G	G	G *
M	P0060	HO2S HEATER RESISTANCE (Bank 2, Sensor 2)	G	G	G *
M	P0061	HO2S HEATER RESISTANCE (Bank 2, Sensor 3)	G	G	G *
M	P0063	HO2S HEATER CONTROL CIRCUIT LOW (Bank 2, Sensor 3)			G *
M	P0064	HO2S HEATER CONTROL CIRCUIT HIGH (Bank 2, Sensor 3)			G *
M	P0065	AIR ASSISTED INJECTOR CONTROL RANGE / PERFORMANCE		G	G *
M	P0066	AIR ASSISTED INJECTOR CONTROL CIRCUIT OR CIRCUIT LOW	G	G	G *
M	P0068	MAP / MAF - THROTTLE POSITION CORRELATION		G	G *
M	P0069	MAP - BAROMETRIC PRESSURE CORRELATION			
M	P006B	MAP - EXHAUST PRESSURE CORRELATION			

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			KOEO	KOER	CONT
M	P006D	BAROMETRIC PRESSURE - TURBO/SUPERCHARGER INLET PRESSURE CORRELATION (Bank 1)			
M	P0070	AMBIENT AIR TEMPERATURE SENSOR CIRCUIT "A"			
M	P0071	AMBIENT AIR TEMPERATURE SENSOR CIRCUIT "A" RANGE / PERFORMANCE	G	G	G *
M	P0072	AMBIENT AIR TEMPERATURE SENSOR CIRCUIT "A" LOW	G	G	G *
M	P0073	AMBIENT AIR TEMPERATURE SENSOR CIRCUIT "A" HIGH	G	G	G *
	P0074	AMBIENT AIR TEMPERATURE SENSOR CIRCUIT "A" INTERMITTENT / ERRATIC	G	G	G
M	P007B	CHARGE AIR COOLER TEMPERATURE SENSOR RANGE / PERFORMANCE (Bank 1)	G	G	G *
M	P007C	CHARGE AIR COOLER TEMPERATURE SENSOR CIRCUIT LOW (Bank 1)	G	G	G *
M	P007D	CHARGE AIR COOLER TEMPERATURE SENSOR CIRCUIT HIGH (Bank 1)	G	G	G *
M	P007E	CHARGE AIR COOLER TEMPERATURE SENSOR INTERMITTENT / ERRATIC (Bank 1)			
M	P0087	FUEL RAIL / SYSTEM PRESSURE - TOO LOW (Bank 1)			G *
M	P0088	FUEL RAIL / SYSTEM PRESSURE - TOO HIGH (Bank 1)			G *
M	P0089	FUEL PRESSURE REGULATOR PERFORMANCE			
	P008A	LOW PRESSURE FUEL SYSTEM PRESSURE - TOO LOW		G	G
	P008B	LOW PRESSURE FUEL SYSTEM PRESSURE - TOO HIGH		G	G
	P008C	FUEL COOLER PUMP CONTROL CIRCUIT / OPEN			
	P008D	FUEL COOLER PUMP CONTROL CIRCUIT LOW			
	P008E	FUEL COOLER PUMP CONTROL CIRCUIT HIGH			
M	P008F	ENGINE COOLANT TEMPERATURE / FUEL TEMPERATURE CORRELATION			
M	P0090	FUEL PRESSURE REGULATOR CONTROL CIRCUIT / OPEN			
M	P0091	FUEL PRESSURE REGULATOR CONTROL CIRCUIT LOW			G *
M	P0092	FUEL PRESSURE REGULATOR CONTROL CIRCUIT HIGH			G *
M	P0093	FUEL SYSTEM LEAK DETECTED - LARGE LEAK			G
M	P0096	INTAKE AIR TEMPERATURE (IAT2) SENSOR 2 CIRCUIT RANGE / PERFORMANCE (Bank 1)	G	G	G *
M	P0097	INTAKE AIR TEMPERATURE (IAT2) SENSOR 2 CIRCUIT LOW (Bank 1)	G	G	G *
M	P0098	INTAKE AIR TEMPERATURE (IAT2) SENSOR 2 CIRCUIT HIGH (Bank 1)	G	G	G *
	P0099	INTAKE AIR TEMPERATURE (IAT2) SENSOR 2 CIRCUIT INTERMITTENT / ERRATIC (Bank 1)			
M	P009A	INTAKE AIR TEMPERATURE / AMBIENT AIR TEMPERATURE CORRELATION			G *
	P00B9	LOW PRESSURE FUEL SYSTEM PRESSURE – TOO LOW, LOW AMBIENT TEMPERATURE			
	P00BA	LOW FUEL PRESSURE – FORCED LIMITED POWER			G

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			KOEO	KOER	CONT
	P00BB	FUEL INJECTOR INSUFFICIENT FLOW – FORCED LIMITED POWER			G
M	P00BC	MASS OR VOLUME (MAF/VAF) AIR FLOW "A" CIRCUIT RANGE / PERFORMANCE - AIR FLOW TOO LOW			
M	P00BD	MASS OR VOLUME (MAF/VAF) AIR FLOW "A" CIRCUIT RANGE / PERFORMANCE - AIR FLOW TOO HIGH			
	P00C1	TURBOCHARGER / SUPERCHARGER BYPASS VALVE "B" CONTROL CIRCUIT LOW	G	G	G
	P00C2	TURBOCHARGER / SUPERCHARGER BYPASS VALVE "B" CONTROL CIRCUIT HIGH	G	G	G
	P00C6	FUEL RAIL PRESSURE TOO LOW - ENGINE CRANKING (Bank 1)			G
M	P00CE	INTAKE AIR TEMPERATURE MEASUREMENT SYSTEM - MULTIPLE SENSOR CORRELATION (Bank 1)			G *
M	P00CF	BAROMETRIC PRESSURE - TURBO / SUPERCHARGER BOOST SENSOR "A" CORRELATION			G *
M	P00D1	HO2S HEATER CONTROL CIRCUIT RANGE / PERFORMANCE (Bank 1 Sensor 1)		G	G *
M	P00D2	HO2S HEATER CONTROL CIRCUIT RANGE / PERFORMANCE (Bank 1 Sensor 2)		G	G *
M	P00D3	HO2S HEATER CONTROL CIRCUIT RANGE / PERFORMANCE (Bank 2 Sensor 1)		G	G *
M	P00D4	HO2S HEATER CONTROL CIRCUIT RANGE / PERFORMANCE (Bank 2 Sensor 2)		G	G *
	P00DF	CHARGE AIR COOLER COOLANT TEMPERATURE SENSOR CIRCUIT RANGE/PERFORM			G
M	P00E0	CHARGE AIR COOLER COOLANT TEMPERATURE SENSOR CIRCUIT LOW	G	G	G *
M	P00E1	CHARGE AIR COOLER COOLANT TEMPERATURE SENSOR CIRCUIT HIGH	G	G	G *
M	P00E2	CHARGE AIR COOLER COOLANT TEMPERATURE SENSOR CIRCUIT INTERMITTENT/ERRATIC	G	G	G *
M	P0100	MASS OR VOLUME (MAF / VAF) AIR FLOW SENSOR "A" CIRCUIT	G	G	G *
M	P0101	MASS OR VOLUME (MAF / VAF) AIR FLOW SENSOR "A" CIRCUIT RANGE PERFORMANCE		G	G *
M W	P0102	MASS OR VOLUME (MAF / VAF) AIR FLOW SENSOR "A" CIRCUIT LOW	G	G	G * +
M W	P0103	MASS OR VOLUME (MAF / VAF) AIR FLOW SENSOR "A" CIRCUIT HIGH	G	G	G * +
	P0104	MASS OR VOLUME (MAF / VAF) AIR FLOW SENSOR "A" CIRCUIT INTERMITTENT / ERRATIC			G
M	P0105	MANIFOLD ABSOLUTE PRESSURE / BAROMETRIC PRESSURE SENSOR CIRCUIT			G *
M	P0106	MANIFOLD ABSOLUTE PRESSURE / BARO PRESSURE SENSOR CIRCUIT RANGE / PERFORMANCE		G	G *
M	P0107	MANIFOLD ABSOLUTE PRESSURE / BARO PRESSURE SENSOR CIRCUIT LOW	G	G	G *
M	P0108	MANIFOLD ABSOLUTE PRESSURE / BARO PRESSURE SENSOR CIRCUIT HIGH	G	G	G *
	P0109	MANIFOLD ABSOLUTE PRESSURE / BARO PRESSURE SENSOR CIRCUIT INTERMITTENT			G
	P0110	INTAKE AIR TEMPERATURE (IAT1) SENSOR 1 CIRCUIT (Bank 1)			G
M	P0111	INTAKE AIR TEMPERATURE (IAT1) SENSOR 1 CIRCUIT RANGE / PERFORMANCE (Bank 1)		G	G *
M	P0112	INTAKE AIR TEMPERATURE (IAT1) SENSOR 1 CIRCUIT LOW (Bank 1)	G	G	G *
M	P0113	INTAKE AIR TEMPERATURE (IAT1) SENSOR 1 CIRCUIT HIGH (Bank 1)	G	G	G *

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			KOEO	KOER	CONT
M	P0114	INTAKE AIR TEMPERATURE (IAT1) SENSOR 1 CIRCUIT INTERMITTENT / ERRATIC (Bank 1)	G	G	G *
	P0115	ENGINE COOLANT TEMPERATURE (ECT) SENSOR 1 CIRCUIT			G
M	P0116	ENGINE COOLANT TEMPERATURE (ECT) SENSOR 1 CIRCUIT RANGE / PERFORMANCE		G	G *
M	P0117	ENGINE COOLANT TEMPERATURE (ECT) SENSOR 1 CIRCUIT LOW	G	G	G *
M	P0118	ENGINE COOLANT TEMPERATURE (ECT) SENSOR 1 CIRCUIT HIGH	G	G	G *
M	P0119	ENGINE COOLANT TEMPERATURE (ECT) SENSOR 1 CIRCUIT INTERMITTENT / ERRATIC	G	G	G *
M	P011E	ENGINE COOLANT TEMPERATURE 1 / AMBIENT AIR TEMPERATURE CORRELATION		G	G *
M	P0120	THROTTLE / PEDAL POSITION SENSOR "A" (TP-A) CIRCUIT			G *
M W	P0121	THROTTLE / PEDAL POSITION SENSOR "A" (TP-A) CIRCUIT RANGE / PERFORMANCE		G	G * +
M W	P0122	THROTTLE / PEDAL POSITION SENSOR "A" (TP-A) CIRCUIT LOW	G	G	G * +
M W	P0123	THROTTLE / PEDAL POSITION SENSOR "A" (TP-A) CIRCUIT HIGH	G	G	G * +
	P0124	THROTTLE / PEDAL POSITION SENSOR "A" (TP-A) INTERMITTENT	G	G	G
M	P0125	INSUFFICIENT COOLANT TEMPERATURE (ECT) FOR CLOSED LOOP FUEL CONTROL		G	G *
M	P0126	INSUFFICIENT COOLANT TEMPERATURE (ECT) FOR STABLE OPERATION			G *
	P0127	INTAKE AIR TEMPERATURE (IAT) TOO HIGH	G	G	G
M	P0128	COOLANT THERMOSTAT (coolant temp below thermostat regulating temperature)			G *
M	P012B	TURBOCHARGER / SUPERCHARGER INLET PRESSURE SENSOR CIRCUIT RANGE / PERFORMANCE	G	G	G *
M	P012C	TURBOCHARGER / SUPERCHARGER INLET PRESSURE SENSOR CIRCUIT LOW	G	G	G *
M	P012D	TURBOCHARGER / SUPERCHARGER INLET PRESSURE SENSOR CIRCUIT HIGH	G	G	G *
	P012E	TURBOCHARGER / SUPERCHARGER INLET PRESSURE SENSOR CIRCUIT INTERMITTENT/ERRATIC	G	G	G
M	P012F	ENGINE COOLANT TEMPERATURE / ENGINE OIL TEMPERATURE CORRELATION			
M	P0130	O2 SENSOR CIRCUIT (Bank 1, Sensor 1)		G	G *
M	P0131	O2 SENSOR CIRCUIT LOW VOLTAGE (Bank 1, Sensor 1)		G	G *
M	P0132	O2 SENSOR CIRCUIT HIGH VOLTAGE (Bank 1, Sensor 1)		G	G *
M	P0133	O2 SENSOR CIRCUIT SLOW RESPONSE (Bank 1, Sensor 1)		G	G *
M	P0134	O2 SENSOR CIRCUIT NO ACTIVITY DETECTED (Bank 1, Sensor 1)		G	G *
M	P0135	O2 SENSOR HEATER CIRCUIT (Bank 1, Sensor 1)	G	G	G *
M	P0136	O2 SENSOR CIRCUIT (Bank 1, Sensor 2)		G	G *
M	P0137	O2 SENSOR CIRCUIT LOW VOLTAGE (Bank 1, Sensor 2)	G	G	G *
M	P0138	O2 SENSOR CIRCUIT HIGH VOLTAGE (Bank 1, Sensor 2)	G	G	G *

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M	P0139	O2 SENSOR CIRCUIT SLOW RESPONSE (Bank 1, Sensor 2)			G *
M	P013A	O2 SENSOR SLOW RESPONSE - RICH TO LEAN (Bank 1 Sensor 2)		G	G *
M	P013C	O2 SENSOR SLOW RESPONSE - RICH TO LEAN (Bank 2 Sensor 2)			G *
M	P013E	O2 SENSOR DELAYED RESPONSE - RICH TO LEAN (Bank 1 Sensor 2)			G *
M	P0140	O2 SENSOR CIRCUIT NO ACTIVITY DETECTED (Bank 1, Sensor 2)		G	G *
M	P0141	O2 SENSOR HEATER CIRCUIT (Bank 1, Sensor 2)	G	G	G *
	P0142	O2 SENSOR CIRCUIT (Bank 1, Sensor 3)			G
M	P0144	O2 SENSOR CIRCUIT HIGH VOLTAGE (Bank 1, Sensor 3)		G	G *
M	P0146	O2 SENSOR CIRCUIT NO ACTIVITY DETECTED (Bank 1, Sensor 3)			G *
M	P0147	O2 SENSOR HEATER CIRCUIT (Bank 1, Sensor 3)	G	G	G *
M W	P0148	FUEL DELIVERY ERROR			G *
W	P0149	FUEL TIMING ERROR			
M	P014A	O2 SENSOR DELAYED RESPONSE - RICH TO LEAN (Bank 2 Sensor 2)			G *
M	P0150	O2 SENSOR CIRCUIT (Bank 2, Sensor 1)		G	G *
M	P0151	O2 SENSOR CIRCUIT LOW VOLTAGE (Bank 2, Sensor 1)	G	G	G *
M	P0152	O2 SENSOR CIRCUIT HIGH VOLTAGE (Bank 2, Sensor 1)		G	G *
M	P0153	O2 SENSOR CIRCUIT SLOW RESPONSE (Bank 2, Sensor 1)			G *
M	P0154	O2 SENSOR CIRCUIT NO ACTIVITY DETECTED (Bank 2, Sensor 1)		G	G *
M	P0155	O2 SENSOR HEATER CIRCUIT (Bank 2, Sensor 1)	G	G	G *
M	P0156	O2 SENSOR CIRCUIT (Bank 2, Sensor 2)			G *
M	P0157	O2 SENSOR CIRCUIT LOW VOLTAGE (Bank 2, Sensor 2)	G	G	G *
M	P0158	O2 SENSOR CIRCUIT HIGH VOLTAGE (Bank 2, Sensor 2)	G	G	G *
M	P0159	O2 SENSOR CIRCUIT SLOW RESPONSE (Bank 2, Sensor 2)			G *
M	P0160	O2 SENSOR CIRCUIT NO ACTIVITY DETECTED (Bank 2, Sensor 2)			G *
M	P0161	O2 SENSOR HEATER CIRCUIT (Bank 2, Sensor 2)	G	G	G *
M	P0164	O2 SENSOR CIRCUIT HIGH VOLTAGE (Bank 2, Sensor 3)		G	G *
M	P0166	O2 SENSOR CIRCUIT NO ACTIVITY DETECTED (Bank 2, Sensor 3)			G *
M	P0167	O2 SENSOR HEATER CIRCUIT (Bank 2, Sensor 3)	G	G	G *
	P0168	ENGINE FUEL TEMPERATURE TOO HIGH			
M	P016A	EXCESSIVE TIME TO ENTER CLOSED LOOP AIR/FUEL RATIO CONTROL			G *

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	P016B	CLOSED LOOP AIR/FUEL RATIO CONTROL AT LIMIT - SYSTEM TOO RICH			
	P016C	CLOSED LOOP AIR/FUEL RATIO CONTROL AT LIMIT - SYSTEM TOO LEAN			
M	P016D	EXCESSIVE TIME TO ENTER CLOSED LOOP FUEL PRESSURE CONTROL			
	P0170	FUEL TRIM (Bank 1)			G
M	P0171	SYSTEM TOO LEAN (Bank 1)			G *
M	P0172	SYSTEM TOO RICH (Bank 1)			G *
	P0173	FUEL TRIM (Bank 2)			G
M	P0174	SYSTEM TOO LEAN (Bank 2)			G *
M	P0175	SYSTEM TOO RICH (Bank 2)			G *
M	P0176	FUEL COMPOSITION SENSOR CIRCUIT		G	G *
M	P017C	CYLINDER HEAD TEMPERATURE SENSOR CIRCUIT LOW	G	G	G *
M	P017D	CYLINDER HEAD TEMPERATURE SENSOR CIRCUIT HIGH	G	G	G *
M	P017E	CYLINDER HEAD TEMPERATURE SENSOR CIRCUIT INTERMITTENT / ERRATIC			G *
M	P0180	FUEL TEMPERATURE SENSOR "A" (FRT-A) CIRCUIT	G	G	G *
M	P0181	FUEL TEMPERATURE SENSOR "A" (FRT-A) CIRCUIT RANGE / PERFORMANCE	G	G	
M	P0182	FUEL TEMPERATURE SENSOR "A" (FRT-A) CIRCUIT LOW	G	G	G *
M	P0183	FUEL TEMPERATURE SENSOR "A" (FRT-A) CIRCUIT HIGH	G	G	G *
	P0184	FUEL TEMPERATURE SENSOR "A" (FRT-A) CIRCUIT INTERMITTENT			
	P0186	FUEL TEMPERATURE SENSOR "B" (FRT-B) CIRCUIT RANGE / PERFORMANCE	G	G	
M	P0187	FUEL TEMPERATURE SENSOR "B" (FRT-B) CIRCUIT LOW	G	G	G *
M	P0188	FUEL TEMPERATURE SENSOR "B" (FRT-B) CIRCUIT HIGH	G	G	G *
	P018C	FUEL PRESSURE SENSOR "B" (FRP-B) CIRCUIT LOW	G	G	G
	P018D	FUEL PRESSURE SENSOR "B" (FRP-B) CIRCUIT HIGH	G	G	G
M	P0190	FUEL RAIL PRESSURE SENSOR CIRCUIT (Bank 1)			G *
M W	P0191	FUEL RAIL PRESSURE SENSOR CIRCUIT RANGE / PERFORMANCE (Bank 1)		G	G *
M	P0192	FUEL RAIL PRESSURE SENSOR CIRCUIT LOW (Bank 1)	G	G	G *
M	P0193	FUEL RAIL PRESSURE SENSOR CIRCUIT HIGH (Bank 1)	G	G	G *
	P0194	FUEL RAIL PRESSURE SENSOR CIRCUIT INTERMITTENT / ERRATIC (Bank 1)	G	G	G
	P0195	ENGINE OIL TEMPERATURE (EOT) SENSOR "A" CIRCUIT			
M	P0196	ENGINE OIL TEMPERATURE (EOT) SENSOR "A" RANGE / PERFORMANCE			G *

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M	P0197	ENGINE OIL TEMPERATURE (EOT) SENSOR "A" CIRCUIT LOW	G	G	G *
M	P0198	ENGINE OIL TEMPERATURE (EOT) SENSOR "A" CIRCUIT HIGH	G	G	G *
	P0199	ENGINE OIL TEMPERATURE (EOT) SENSOR "A" CIRCUIT INTERMITTENT / ERRATIC			
M	P01A0	ALTERNATIVE FUEL TANK "A" PRESSURE SENSOR CIRCUIT LOW			A *
M	P01A1	ALTERNATIVE FUEL TANK "A" PRESSURE SENSOR CIRCUIT HIGH			A *
M	P01A5	ALTERNATIVE FUEL RAIL PRESSURE SENSOR CIRCUIT LOW			A *
M	P01A6	ALTERNATIVE FUEL RAIL PRESSURE SENSOR CIRCUIT HIGH			A *
M	P01B6	ALTERNATIVE FUEL RAIL TEMPERATURE SENSOR CIRCUIT LOW			A *
M	P01B7	ALTERNATIVE FUEL RAIL TEMPERATURE SENSOR CIRCUIT HIGH			A *
	P01E8	ENGINE COOLANT HEATER "A" CONTROL CIRCUIT / OPEN			
	P01EB	ENGINE COOLANT HEATER "A" CONTROL CIRCUIT PERFORMANCE			
M	P0201	CYLINDER 1 INJECTOR "A" CIRCUIT / OPEN	G	G	G *
M	P0202	CYLINDER 2 INJECTOR "A" CIRCUIT / OPEN	G	G	G *
M	P0203	CYLINDER 3 INJECTOR "A" CIRCUIT / OPEN	G	G	G *
M	P0204	CYLINDER 4 INJECTOR "A" CIRCUIT / OPEN	G	G	G *
M	P0205	CYLINDER 5 INJECTOR "A" CIRCUIT / OPEN	G	G	G *
M	P0206	CYLINDER 6 INJECTOR "A" CIRCUIT / OPEN	G	G	G *
M	P0207	CYLINDER 7 INJECTOR "A" CIRCUIT / OPEN	G	G	G *
M	P0208	CYLINDER 8 INJECTOR "A" CIRCUIT / OPEN	G	G	G *
M	P0209	CYLINDER 9 INJECTOR "A" CIRCUIT / OPEN	G	G	G *
M	P0210	CYLINDER 10 INJECTOR "A" CIRCUIT / OPEN	G	G	G *
M	P0211	CYLINDER 11 INJECTOR "A" CIRCUIT / OPEN	G	G	G *
M	P0212	CYLINDER 12 INJECTOR "A" CIRCUIT / OPEN	G	G	G *
M	P0213	COLD START INJECTOR #1			G *
W	P0216	INJECTOR / INJECTION TIMING CONTROL CIRCUIT			
	P0217	ENGINE COOLANT (ECT) OVER TEMPERATURE CONDITION	G	G	G
M	P0218	TRANSMISSION FLUID TEMPERATURE SENSOR "A" OVER TEMPERATURE CONDITION	G	G	G
M	P0219	ENGINE OVER SPEED CONDITION			G
	P0220	THROTTLE / PEDAL POSITION SENSOR / SWITCH "B" (TP-B) CIRCUIT			
M	P0221	THROTTLE / PEDAL POSITION SENSOR / SWITCH "B" (TP-B) CIRCUIT RANGE / PERFORMANCE	G	G	G

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			KOEO	KOER	CONT
M W	P0222	THROTTLE / PEDAL POSITION SENSOR / SWITCH "B" (TP-B) CIRCUIT LOW	G	G	G * +
M W	P0223	THROTTLE / PEDAL POSITION SENSOR / SWITCH "B" (TP-B) CIRCUIT HIGH	G	G	G * +
	P0224	THROTTLE / PEDAL POSITION SENSOR / SWITCH "B" (TP-B) CIRCUIT INTERMITTENT	G	G	G
	P0227	THROTTLE / PEDAL POSITION SENSOR / SWITCH "C" (TP-C) CIRCUIT LOW	G	G	G
	P0228	THROTTLE / PEDAL POSITION SENSOR / SWITCH "C" (TP-C) CIRCUIT HIGH	G	G	G
	P0229	THROTTLE / PEDAL POSITION SENSOR / SWITCH "C" (TP-C) CIRCUIT INTERMITTENT	G	G	G
	P0230	FUEL PUMP (FP) PRIMARY CIRCUIT	G	G	G
M	P0231	FUEL PUMP (FP) SECONDARY CIRCUIT LOW	G	G	G
	P0232	FUEL PUMP (FP) SECONDARY CIRCUIT HIGH	G	G	G
M	P0234	TURBOCHARGER / SUPERCHARGER "A" OVER BOOST CONDITION	G	G	G
	P0235	TURBOCHARGER / SUPERCHARGER BOOST SENSOR "A" (TC/SCB-A) CIRCUIT			
M	P0236	TURBOCHARGER / SUPERCHARGER BOOST SENSOR "A" CIRCUIT RANGE / PERFORMANCE	G	G	G *
M	P0237	TURBOCHARGER / SUPERCHARGER BOOST SENSOR "A" (TC/SCB-A) CIRCUIT LOW	G	G	G *
M	P0238	TURBOCHARGER / SUPERCHARGER BOOST SENSOR "A" (TC/SCB-A) CIRCUIT HIGH	G	G	G *
M	P023D	MANIFOLD ABSOLUTE PRESSURE - TURBO/SUPERCHARGER BOOST SENSOR "A" CORRELATION			G *
M	P0243	TURBOCHARGER / SUPERCHARGER WASTEGATE SOLENOID "A" (TCWGS-A)	G	G	G
M	P0245	TURBOCHARGER / SUPERCHARGER WASTEGATE SOLENOID "A" LOW	G	G	G *
M	P0246	TURBOCHARGER / SUPERCHARGER WASTEGATE SOLENOID "A" HIGH	G	G	G *
	P0251	INJECTION PUMP FUEL METERING CONTROL "A"			G
M	P025A	FUEL PUMP MODULE "A" CONTROL CIRCUIT / OPEN	G	G	G *
M	P025B	FUEL PUMP MODULE "A" CONTROL CIRCUIT RANGE / PERFORMANCE	G	G	G *
	P025C	FUEL PUMP MODULE "A" CONTROL CIRCUIT LOW	G	G	G
	P025D	FUEL PUMP MODULE "A" CONTROL CIRCUIT HIGH	G	G	G
	P025E	TURBOCHARGER / SUPERCHARGER BOOST SENSOR "A" INTERMITTENT / ERRATIC	G	G	G
M	P0261	CYLINDER #1 - INJECTOR "A" CIRCUIT LOW	G	G	G *
M	P0262	CYLINDER #1 - INJECTOR "A" CIRCUIT HIGH	G	G	G *
M	P0263	CYLINDER #1 - CONTRIBUTION / BALANCE			
M	P0264	CYLINDER #2 - INJECTOR "A" CIRCUIT LOW	G	G	G *
M	P0265	CYLINDER #2 - INJECTOR "A" CIRCUIT HIGH	G	G	G *
M	P0266	CYLINDER #2 - CONTRIBUTION / BALANCE			

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
M	P0267	CYLINDER #3 - INJECTOR "A" CIRCUIT LOW	G	G	G *
M	P0268	CYLINDER #3 - INJECTOR "A" CIRCUIT HIGH	G	G	G *
M	P0269	CYLINDER #3 - CONTRIBUTION / BALANCE			
M	P026A	CHARGE AIR COOLER EFFICIENCY BELOW THRESHOLD			G
M	P0270	CYLINDER #4 - INJECTOR "A" CIRCUIT LOW	G	G	G *
M	P0271	CYLINDER #4 - INJECTOR "A" CIRCUIT HIGH	G	G	G *
M	P0272	CYLINDER #4 - CONTRIBUTION / BALANCE			
M	P0273	CYLINDER #5 - INJECTOR "A" CIRCUIT LOW	G	G	G
M	P0274	CYLINDER #5 - INJECTOR "A" CIRCUIT HIGH	G	G	G
M	P0275	CYLINDER #5 - CONTRIBUTION / BALANCE			
M	P0276	CYLINDER #6 - INJECTOR "A" CIRCUIT LOW	G	G	G
M	P0277	CYLINDER #6 - INJECTOR "A" CIRCUIT HIGH	G	G	G
M	P0278	CYLINDER #6 - CONTRIBUTION / BALANCE			
M	P0279	CYLINDER #7 - INJECTOR "A" CIRCUIT LOW	G	G	G
M	P0280	CYLINDER #7 - INJECTOR "A" CIRCUIT HIGH	G	G	G
M	P0281	CYLINDER #7 - CONTRIBUTION / BALANCE			
M	P0282	CYLINDER #8 - INJECTOR "A" CIRCUIT LOW	G	G	G
M	P0283	CYLINDER #8 - INJECTOR "A" CIRCUIT HIGH	G	G	G
M	P0284	CYLINDER #8 - CONTRIBUTION / BALANCE			
	P0297	VEHICLE OVER SPEED CONDITION			G
M	P0298	ENGINE OIL OVER TEMPERATURE (EOT) CONDITION			G *
M	P0299	TURBOCHARGER / SUPERCHARGER "A" UNDERBOOST CONDITION			G
M	P02CC	CYLINDER 1 FUEL INJECTOR OFFSET LEARNING AT MINIMUM LIMIT			
M	P02CD	CYLINDER 1 FUEL INJECTOR OFFSET LEARNING AT MAXIMUM LIMIT			
M	P02CE	CYLINDER 2 FUEL INJECTOR OFFSET LEARNING AT MINIMUM LIMIT			
M	P02CF	CYLINDER 2 FUEL INJECTOR OFFSET LEARNING AT MAXIMUM LIMIT			
M	P02D0	CYLINDER 3 FUEL INJECTOR OFFSET LEARNING AT MINIMUM LIMIT			
M	P02D1	CYLINDER 3 FUEL INJECTOR OFFSET LEARNING AT MAXIMUM LIMIT			
M	P02D2	CYLINDER 4 FUEL INJECTOR OFFSET LEARNING AT MINIMUM LIMIT			
M	P02D3	CYLINDER 4 FUEL INJECTOR OFFSET LEARNING AT MAXIMUM LIMIT			

2014 OBD-II 5 DIGIT CODE INTERPRETATION

Indicator Light	CODE		Spark Ignition		
			KOEO	KOER	CONT
M	P02D4	CYLINDER 5 FUEL INJECTOR OFFSET LEARNING AT MINIMUM LIMIT			
M	P02D5	CYLINDER 5 FUEL INJECTOR OFFSET LEARNING AT MAXIMUM LIMIT			
M	P02D6	CYLINDER 6 FUEL INJECTOR OFFSET LEARNING AT MINIMUM LIMIT			
M	P02D7	CYLINDER 6 FUEL INJECTOR OFFSET LEARNING AT MAXIMUM LIMIT			
M	P02D8	CYLINDER 7 FUEL INJECTOR OFFSET LEARNING AT MINIMUM LIMIT			
M	P02D9	CYLINDER 7 FUEL INJECTOR OFFSET LEARNING AT MAXIMUM LIMIT			
M	P02DA	CYLINDER 8 FUEL INJECTOR OFFSET LEARNING AT MINIMUM LIMIT			
M	P02DB	CYLINDER 8 FUEL INJECTOR OFFSET LEARNING AT MAXIMUM LIMIT			
M	P02E0	DIESEL INTAKE AIR FLOW CONTROL CIRCUIT / OPEN			
M	P02E1	DIESEL INTAKE AIR FLOW CONTROL CIRCUIT PERFORMANCE			
M	P02E2	DIESEL INTAKE AIR FLOW CONTROL CIRCUIT LOW			
M	P02E3	DIESEL INTAKE AIR FLOW CONTROL CIRCUIT HIGH			
M	P02E8	DIESEL INTAKE AIR FLOW POSITION SENSOR CIRCUIT LOW			
M	P02E9	DIESEL INTAKE AIR FLOW POSITION SENSOR CIRCUIT HIGH			
M	P02EC	DIESEL INTAKE AIR FLOW CONTROL SYSTEM - HIGH AIR FLOW DETECTED			
M	P02ED	DIESEL INTAKE AIR FLOW CONTROL SYSTEM - LOW AIR FLOW DETECTED			
M	P02EE	CYLINDER 1 INJECTOR CIRCUIT RANGE / PERFORMANCE			
M	P02EF	CYLINDER 2 INJECTOR CIRCUIT RANGE / PERFORMANCE			
M	P02F0	CYLINDER 3 INJECTOR CIRCUIT RANGE / PERFORMANCE			
M	P02F1	CYLINDER 4 INJECTOR CIRCUIT RANGE / PERFORMANCE			
M	P02F2	CYLINDER 5 INJECTOR CIRCUIT RANGE / PERFORMANCE			
M	P02F3	CYLINDER 6 INJECTOR CIRCUIT RANGE / PERFORMANCE			
M	P02F4	CYLINDER 7 INJECTOR CIRCUIT RANGE / PERFORMANCE			
M	P02F5	CYLINDER 8 INJECTOR CIRCUIT RANGE / PERFORMANCE			
	P02FB	COLD START FUEL INJECTION CONTROL CIRCUIT / OPEN	G	G	G
M	P0300	RANDOM MISFIRE DETECTED		G	G *
M	P0301	CYLINDER #1 - MISFIRE DETECTED		G	G *
M	P0302	CYLINDER #2 - MISFIRE DETECTED		G	G *
M	P0303	CYLINDER #3 - MISFIRE DETECTED		G	G *
M	P0304	CYLINDER #4 - MISFIRE DETECTED		G	G *

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
M	P0305	CYLINDER #5 - MISFIRE DETECTED		G	G *
M	P0306	CYLINDER #6 - MISFIRE DETECTED		G	G *
M	P0307	CYLINDER #7 - MISFIRE DETECTED		G	G *
M	P0308	CYLINDER #8 - MISFIRE DETECTED		G	G *
M	P0309	CYLINDER #9 - MISFIRE DETECTED		G	G *
M	P0310	CYLINDER #10 - MISFIRE DETECTED		G	G *
M	P0311	CYLINDER #11 - MISFIRE DETECTED			G *
M	P0312	CYLINDER #12 - MISFIRE DETECTED			G *
M	P0313	MISFIRE DETECTED WITH LOW FUEL		G	G *
M	P0315	CRANKSHAFT POSITION SYSTEM VARIATION NOT LEARNED			G *
M	P0316	MISFIRE DETECTED ON STARTUP (first 1000 revolutions)			G *
M	P0320	IGNITION / DISTRIBUTOR ENGINE SPEED INPUT CIRCUIT		G	G *
M W	P0321	IGNITION / DISTRIBUTOR ENGINE SPEED INPUT CIRCUIT RANGE / PERFORMANCE			G * +
M	P0322	IGNITION / DISTRIBUTOR ENGINE SPEED INPUT CIRCUIT NO SIGNAL		G	G *
M	P0325	KNOCK / COMBUSTION VIBRATION SENSOR 1 (KS-1) CIRCUIT (Bank 1)		G	G *
M	P0326	KNOCK / COMBUSTION VIBRATION SENSOR 1 (KS-1) CIRCUIT RANGE / PERFORMANCE (Bank 1)		G	G *
	P0327	KNOCK / COMBUSTION VIBRATION SENSOR 1 (KS-1) CIRCUIT LOW (Bank 1)		G	G *
	P0328	KNOCK / COMBUSTION VIBRATION SENSOR 1 (KS-1) CIRCUIT HIGH (Bank 1)		G	G *
M	P0330	KNOCK / COMBUSTION VIBRATION SENSOR 2 (KS-2) CIRCUIT (Bank 2)		G	G *
M	P0331	KNOCK / COMBUSTION VIBRATION SENSOR 2 (KS-2) CIRCUIT RANGE / PERFORMANCE (Bank 2)		G	G *
	P0332	KNOCK / COMBUSTION VIBRATION SENSOR 2 (KS-2) CIRCUIT LOW (Bank 2)		G	G
	P0333	KNOCK / COMBUSTION VIBRATION SENSOR 2 (KS-2) CIRCUIT HIGH (Bank 2)		G	G
M	P0335	CRANKSHAFT POSITION (CKP) SENSOR "A" CIRCUIT			G *
M	P0336	CRANKSHAFT POSITION (CKP) SENSOR "A" CIRCUIT RANGE / PERFORMANCE			G *
M	P0337	CRANKSHAFT POSITION (CKP) SENSOR "A" CIRCUIT LOW			
M	P0338	CRANKSHAFT POSITION (CKP) SENSOR "A" CIRCUIT HIGH			
M	P0339	CRANKSHAFT POSITION (CKP) SENSOR "A" CIRCUIT INTERMITTENT			G *
M	P0340	CAMSHAFT POSITION (CMP) SENSOR "A" CIRCUIT (Bank 1 or single sensor)		G	G *
M	P0341	CAMSHAFT POSITION SENSOR "A" CIRCUIT RANGE / PERF. (Bank 1 or single sensor)		G	G *
M	P0342	CAMSHAFT POSITION SENSOR "A" CIRCUIT LOW (Bank 1 or single sensor)			

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
M	P0344	CAMSHAFT POSITION SENSOR "A" CIRCUIT INTERMITTENT (Bank 1 or single sensor)		G	G *
M	P0345	CAMSHAFT POSITION (CMP) SENSOR "A" CIRCUIT (Bank 2)			G *
M	P0346	CAMSHAFT POSITION SENSOR "A" CIRCUIT RANGE / PERF. (Bank 2)			G *
M	P0349	CAMSHAFT POSITION SENSOR "A" CIRCUIT INTERMITTENT (Bank 2)			G *
M	P0350	IGNITION COIL (COP) PRIMARY / SECONDARY CIRCUIT			G *
M	P0351	IGNITION COIL "A" (COP-A) PRIMARY CONTROL CIRCUIT / OPEN		G	G *
M	P0352	IGNITION COIL "B" (COP-B) PRIMARY CONTROL CIRCUIT / OPEN		G	G *
M	P0353	IGNITION COIL "C" (COP-C) PRIMARY CONTROL CIRCUIT / OPEN		G	G *
M	P0354	IGNITION COIL "D" (COP-D) PRIMARY CONTROL CIRCUIT / OPEN		G	G *
M	P0355	IGNITION COIL "E" (COP-E) PRIMARY CONTROL CIRCUIT / OPEN		G	G *
M	P0356	IGNITION COIL "F" (COP-F) PRIMARY CONTROL CIRCUIT / OPEN		G	G *
M	P0357	IGNITION COIL "G" (COP-G) PRIMARY CONTROL CIRCUIT / OPEN		G	G *
M	P0358	IGNITION COIL "H" (COP-H) PRIMARY CONTROL CIRCUIT / OPEN		G	G *
M	P0359	IGNITION COIL "I" (COP-I) PRIMARY CONTROL CIRCUIT / OPEN		G	G *
M	P0360	IGNITION COIL "J" (COP-J) PRIMARY CONTROL CIRCUIT / OPEN		G	G *
M	P0365	CAMSHAFT POSITION (CMP) SENSOR "B" CIRCUIT (Bank 1)		G	G *
M	P0366	CAMSHAFT POSITION SENSOR "B" CIRCUIT RANGE / PERFORMANCE (Bank 1)		G	G *
M	P0369	CAMSHAFT POSITION SENSOR "B" CIRCUIT INTERMITTENT (Bank 1)		G	G *
M	P0380	GLOW PLUG / HEATER CIRCUIT "A"			
M	P0381	GLOW PLUG / HEATER INDICATOR CONTROL CIRCUIT / OPEN			
M	P0385	CRANKSHAFT POSITION SENSOR "B" CIRCUIT (CKP-B)		G	G *
M	P0390	CAMSHAFT POSITION (CMP) SENSOR "B" CIRCUIT (Bank 2)			G *
M	P0391	CAMSHAFT POSITION SENSOR "B" CIRCUIT RANGE / PERFORMANCE (Bank 2)			G *
M	P0394	CAMSHAFT POSITION SENSOR "B" CIRCUIT INTERMITTENT (Bank 2)			G *
M	P0400	EXHAUST GAS RECIRCULATION (EGR) "A" FLOW	G	G	G *
M	P0401	EXHAUST GAS RECIRCULATION (EGR) "A" FLOW INSUFFICIENT DETECTED			G *
M	P0402	EXHAUST GAS RECIRCULATION (EGR) "A" FLOW EXCESSIVE DETECTED (stuck open at idle)		G	G *
M	P0403	EXHAUST GAS RECIRCULATION (EGR) "A" CONTROL CIRCUIT / OPEN	G	G	G *
M	P0404	EXHAUST GAS RECIRCULATION (EGR) "A" CONTROL CIRCUIT RANGE / PERFORMANCE			G
M	P0405	EXHAUST GAS RECIRCULATION (EGR) SENSOR "A" CIRCUIT LOW	G	G	G *

2014 OBD-II 5 DIGIT CODE INTERPRETATION

Indicator Light	CODE		Spark Ignition		
			KOEO	KOER	CONT
M	P0406	EXHAUST GAS RECIRCULATION (EGR) SENSOR "A" CIRCUIT HIGH	G	G	G *
M	P0407	EXHAUST GAS RECIRCULATION (EGR) SENSOR "B" CIRCUIT LOW			
M	P0408	EXHAUST GAS RECIRCULATION (EGR) SENSOR "B" CIRCUIT HIGH			
M	P0409	EXHAUST GAS RECIRCULATION (EGR) SENSOR "A" CIRCUIT			
M	P040B	EXHAUST GAS RECIRCULATION TEMPERATURE SENSOR "A" CIRCUIT RANGE / PERFORMANCE			
M	P040C	EXHAUST GAS RECIRCULATION TEMPERATURE SENSOR "A" CIRCUIT LOW			
M	P040D	EXHAUST GAS RECIRCULATION TEMPERATURE SENSOR "A" CIRCUIT HIGH			
	P040E	EXHAUST GAS RECIRCULATION TEMPERATURE SENSOR "A" CIRCUIT INTERMITTENT / ERRATIC			
	P040F	EXHAUST GAS RECIRCULATION TEMPERATURE SENSOR "A" / "B" CORRELATION			
M	P0410	AIR SYSTEM		G	G *
M	P0411	AIR SYSTEM INCORRECT FLOW DETECTED		G	G *
M	P0412	AIR SYSTEM SWITCHING VALVE "A" CIRCUIT	G	G	G *
M	P0413	AIR SYSTEM SWITCHING VALVE "A" CIRCUIT OPEN	G	G	G *
M	P0414	AIR SYSTEM SWITCHING VALVE "A" CIRCUIT SHORTED	G	G	G *
M	P0416	AIR SYSTEM SWITCHING VALVE "B" CIRCUIT OPEN	G	G	G *
M	P0417	AIR SYSTEM SWITCHING VALVE "B" CIRCUIT SHORTED	G	G	G *
M	P041B	EXHAUST GAS RECIRCULATION TEMPERATURE SENSOR "B" CIRCUIT RANGE / PERFORMANCE			
M	P041C	EXHAUST GAS RECIRCULATION TEMPERATURE SENSOR "B" CIRCUIT LOW			
M	P041D	EXHAUST GAS RECIRCULATION TEMPERATURE SENSOR "B" CIRCUIT HIGH			
	P041E	EXHAUST GAS RECIRCULATION TEMPERATURE SENSOR "B" CIRCUIT INTERMITTENT / ERRATIC			
M	P0420	CATALYST SYSTEM EFFICIENCY BELOW THRESHOLD (Bank 1)			G *
M	P0421	WARM UP CATALYST EFFICIENCY BELOW THRESHOLD (Bank 1)			G *
M	P042E	EXHAUST GAS RECIRCULATION (EGR) "A" CONTROL STUCK OPEN			
M	P042F	EXHAUST GAS RECIRCULATION (EGR) "A" CONTROL STUCK CLOSED			
M	P0430	CATALYST SYSTEM EFFICIENCY BELOW THRESHOLD (Bank 2)			G *
M	P0431	WARM UP CATALYST EFFICIENCY BELOW THRESHOLD (Bank 2)			G *
M	P043E	EVAP SYSTEM LEAK DETECTION REFERENCE ORIFICE LOW FLOW			G *
M	P043F	EVAP SYSTEM LEAK DETECTION REFERENCE ORIFICE HIGH FLOW			G *
M	P0440	EVAPORATIVE EMISSION SYSTEM			G *
M	P0441	EVAPORATIVE EMISSION SYSTEM INCORRECT PURGE FLOW			G *

2014 OBD-II 5 DIGIT CODE INTERPRETATION

Indicator Light	CODE		Spark Ignition		
			KOEO	KOER	CONT
M	P0442	EVAPORATIVE EMISSION SYSTEM LEAK DETECTED (small leak)			G *
M	P0443	EVAPORATIVE EMISSION SYSTEM PURGE CONTROL VALVE "A" CIRCUIT	G	G	G *
M	P0444	EVAPORATIVE EMISSION SYSTEM PURGE CONTROL VALVE "A" CIRCUIT OPEN	G	G	G *
M	P0445	EVAPORATIVE EMISSION SYSTEM PURGE CONTROL VALVE "A" CIRCUIT SHORTED			G *
M	P0446	EVAPORATIVE EMISSION SYSTEM VENT CONTROL CIRCUIT	G	G	G *
M	P0450	EVAPORATIVE EMISSION SYSTEM PRESSURE SENSOR / SWITCH		G	G *
M	P0451	EVAPORATIVE EMISSION SYSTEM PRESSURE SENSOR / SWITCH RANGE / PERF.	G	G	G *
M	P0452	EVAPORATIVE EMISSION SYSTEM PRESSURE SENSOR / SWITCH LOW	G	G	G *
M	P0453	EVAPORATIVE EMISSION SYSTEM PRESSURE SENSOR / SWITCH HIGH	G	G	G *
M	P0454	EVAPORATIVE EMISSION SYSTEM PRESSURE SENSOR / SWITCH INTERMITTENT			G *
M	P0455	EVAPORATIVE EMISSION SYSTEM LEAK DETECTED (large leak)			G *
M	P0456	EVAPORATIVE EMISSION SYSTEM LEAK DETECTED (very small leak)			G *
M	P0457	EVAPORATIVE EMISSION SYSTEM LEAK DETECTED (fuel cap loose / off)			G *
M	P0458	EVAPORATIVE EMISSION SYSTEM PURGE CONTROL VALVE "A" CIRCUIT LOW	G	G	G *
M	P0459	EVAPORATIVE EMISSION SYSTEM PURGE CONTROL VALVE "A" CIRCUIT HIGH	G	G	G *
M	P0460	FUEL LEVEL SENSOR "A" (FLI) CIRCUIT	G	G	G *
M	P0461	FUEL LEVEL SENSOR "A" (FLI) CIRCUIT RANGE / PERFORMANCE			G *
M	P0462	FUEL LEVEL SENSOR "A" CIRCUIT LOW	G	G	G *
M	P0463	FUEL LEVEL SENSOR "A" CIRCUIT HIGH	G	G	G *
M	P0464	FUEL LEVEL SENSOR "A" CIRCUIT INTERMITTENT			G *
M	P0470	EXHAUST PRESSURE SENSOR "A" CIRCUIT			G
M	P0471	EXHAUST PRESSURE SENSOR "A" CIRCUIT RANGE / PERFORMANCE			
M	P0472	EXHAUST PRESSURE SENSOR "A" CIRCUIT LOW			
M	P0473	EXHAUST PRESSURE SENSOR "A" CIRCUIT HIGH			
	P0474	EXHAUST PRESSURE SENSOR "A" CIRCUIT INTERMITTENT / ERRATIC			
M	P0475	EXHAUST PRESSURE (EP) CONTROL VALVE "A"			
	P0476	EXHAUST PRESSURE (EP) CONTROL VALVE "A" RANGE / PERFORMANCE			
M	P0478	EXHAUST PRESSURE (EP) CONTROL "A" VALVE HIGH			
M	P0480	FAN 1 CONTROL (FC-1) CIRCUIT	G	G	G
	P0481	FAN 2 CONTROL (FC-2) CIRCUIT	G	G	G

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
	P0482	FAN 3 CONTROL (FC-3) CIRCUIT	G	G	G
M	P0483	FAN PERFORMANCE		G	G
M	P0487	EXHAUST GAS RECIRCULATION THROTTLE CONTROL CIRCUIT "A" / OPEN			
M W	P0488	EXHAUST GAS RECIRCULATION THROTTLE CONTROL CIRCUIT "A" RANGE / PERFORMANCE			
M	P0489	EXHAUST GAS RECIRCULATION (EGR) "A" CONTROL CIRCUIT LOW			G *
M	P0490	EXHAUST GAS RECIRCULATION (EGR) "A" CONTROL CIRCUIT HIGH			G *
M	P0491	AIR SYSTEM INSUFFICIENT FLOW (Bank 1)		G	G *
M	P0494	FAN SPEED LOW			
M	P0495	FAN SPEED HIGH			
M	P0496	EVAPORATIVE EMISSION SYSTEM HIGH PURGE FLOW		G	G *
M	P0497	EVAPORATIVE EMISSION SYSTEM LOW PURGE FLOW		G	G *
M	P04AB	EVAPORATIVE EMISSION SYSTEM PURGE CONTROL VALVE "B" CIRCUIT / OPEN	G	G	G *
M	P04AE	EVAPORATIVE EMISSION SYSTEM PURGE CONTROL VALVE "B" PERFORMANCE / STUCK OPEN			G *
M	P04B0	REFUELING VAPOR CONTROL VALVE CIRCUIT / OPEN	G	G	G *
M	P04B3	REFUELING VAPOR CONTROL VALVE PERFORMANCE / STUCK OPEN			G *
M	P04B4	REFUELING VAPOR CONTROL VALVE STUCK CLOSED			G *
M	P04B5	FUEL FILL DOOR STUCK OPEN			G *
M	P04B7	FUEL FILL DOOR POSITION SENSOR / SWITCH CIRCUIT INTERMITTENT / ERRATIC			G *
	P04B9	FUEL FILL DOOR POSITION SENSOR / SWITCH CIRCUIT LOW			G
	P04BA	FUEL FILL DOOR POSITION SENSOR / SWITCH CIRCUIT HIGH			G
	P04BD	FUEL FILL DOOR LOCK CONTROL CIRCUIT LOW			G
	P04C1	FUEL FILL DOOR UNLOCK CONTROL CIRCUIT LOW	G	G	G
	P04C2	FUEL FILL DOOR UNLOCK CONTROL CIRCUIT HIGH	G	G	G
	P04C9	FUEL FILL DOOR OPEN REQUEST SENSOR / SWITCH PERFORMANCE / STUCK OFF			G
M	P04CD	FUEL FILL DOOR OPEN REQUEST SENSOR / SWITCH STUCK ON			G *
M	P04D9	CLOSED LOOP EGR CONTROL AT LIMIT - FLOW TOO LOW			
M	P04DA	CLOSED LOOP EGR CONTROL AT LIMIT - FLOW TOO HIGH			
M	P04DB	CRANKCASE VENTILATION SYSTEM DISCONNECTED			G *
M	P04E2	CRANKCASE VENTILATION HOSE CONNECTION SENSOR CIRCUIT LOW			
M	P04E3	CRANKCASE VENTILATION HOSE CONNECTION SENSOR CIRCUIT HIGH			

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
M	P04EA	EVAP SYSTEM SMALL LEAK DETECTED - FUEL TANK SIDE			G *
M	P04EB	EVAP SYSTEM SMALL LEAK DETECTED - FRESH AIR SIDE			G *
M	P04ED	EVAP SYSTEM LARGE LEAK DETECTED - FRESH AIR SIDE			G *
M	P04EE	EVAP SYSTEM VERY SMALL LEAK DETECTED - FUEL TANK SIDE			G *
M	P04EF	EVAP SYSTEM VERY SMALL LEAK DETECTED - FRESH AIR SIDE			G *
M	P0500	VEHICLE SPEED SENSOR "A" (VSS)		G	G *
M	P0501	VEHICLE SPEED SENSOR "A" (VSS) RANGE / PERFORMANCE			G *
	P0503	VEHICLE SPEED SENSOR "A" (VSS) INTERMITTENT / ERRATIC / HIGH			G
W	P0504	BRAKE SWITCH "A" / "B" CORRELATION			G +
M	P0505	IDLE CONTROL SYSTEM		G	G *
M	P0506	IDLE CONTROL SYSTEM - RPM LOWER THAN EXPECTED		G	G *
M	P0507	IDLE CONTROL SYSTEM - RPM HIGHER THAN EXPECTED		G	G *
M	P050A	COLD START IDLE AIR CONTROL SYSTEM PERFORMANCE			G *
M	P050B	COLD START IGNITION TIMING PERFORMANCE			G *
M	P050E	COLD START ENGINE EXHAUST TEMPERATURE TOO LOW			G *
M	P0510	CLOSED THROTTLE POSITION (CTP) SWITCH			G *
M	P0511	IDLE AIR CONTROL CIRCUIT	G	G	G *
	P0512	STARTER REQUEST CIRCUIT			G
	P0513	INCORRECT IMMOBILIZER KEY		G	G
	P0518	IDLE AIR CONTROL CIRCUIT INTERMITTENT			G
	P0521	ENGINE OIL PRESSURE SENSOR / SWITCH "A" CIRCUIT RANGE / PERFORMANCE			G
	P0522	ENGINE OIL PRESSURE SENSOR / SWITCH "A" CIRCUIT LOW	G	G	G
	P0523	ENGINE OIL PRESSURE SENSOR / SWITCH "A" CIRCUIT HIGH	G	G	G
	P0524	ENGINE OIL PRESSURE TOO LOW			G
	P0525	CRUISE CONTROL SERVO CONTROL CIRCUIT RANGE / PERFORMANCE	G		
	P0528	FAN SPEED SENSOR CIRCUIT NO SIGNAL	G		G
M	P0529	FAN SPEED SENSOR CIRCUIT INTERMITTENT			
M	P052A	COLD START INTAKE (A) CAMSHAFT POSITION TIMING OVER-ADVANCED (Bank 1)			G *
M	P052B	COLD START INTAKE (A) CAMSHAFT POSITION TIMING OVER-RETARDED (Bank 1)			G *
M	P052C	COLD START INTAKE (A) CAMSHAFT POSITION TIMING OVER-ADVANCED (Bank 2)			G *

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
M	P052D	COLD START INTAKE (A) CAMSHAFT POSITION TIMING OVER-RETARDED (Bank 2)			G *
	P0531	A/C REFRIGERANT PRESSURE SENSOR "A" CIRCUIT RANGE / PERFORMANCE		G	G
	P0532	A/C REFRIGERANT PRESSURE SENSOR "A" CIRCUIT LOW	G	G	G
	P0533	A/C REFRIGERANT PRESSURE SENSOR "A" CIRCUIT HIGH	G	G	G
	P0534	A/C REFRIGERANT CHARGE LOSS			G
	P0537	A/C EVAPORATOR TEMPERATURE SENSOR CIRCUIT LOW	G	G	G
	P0538	A/C EVAPORATOR TEMPERATURE SENSOR CIRCUIT HIGH	G	G	G
	P053A	POSITIVE CRANKCASE VENTILATION (PCV) HEATER CONTROL CIRCUIT / OPEN			G
M	P053F	COLD START FUEL PRESSURE PERFORMANCE (Bank 1)			G *
	P0541	INTAKE AIR HEATER A CIRCUIT LOW			
	P0542	INTAKE AIR HEATER A CIRCUIT HIGH			
M	P0544	EXHAUST GAS TEMPERATURE SENSOR CIRCUIT - Bank 1 Sensor 1			
M	P0545	EXHAUST GAS TEMPERATURE SENSOR CIRCUIT LOW - Bank 1 Sensor 1			
M	P0546	EXHAUST GAS TEMPERATURE SENSOR CIRCUIT HIGH - Bank 1 Sensor 1			
M	P054A	COLD START EXHAUST "B" CAMSHAFT POSITION TIMING OVER-ADVANCED (Bank 1)			G *
M	P054B	COLD START EXHAUST "B" CAMSHAFT POSITION TIMING OVER-RETARDED (Bank 1)			G *
M	P054C	COLD START EXHAUST "B" CAMSHAFT POSITION TIMING OVER-ADVANCED (Bank 2)			G *
M	P054D	COLD START EXHAUST "B" CAMSHAFT POSITION TIMING OVER-RETARDED (Bank 2)			G *
M	P054E	IDLE CONTROL SYSTEM - FUEL QUANTITY LOWER THAN EXPECTED			
M	P054F	IDLE CONTROL SYSTEM - FUEL QUANTITY HIGHER THAN EXPECTED			
M	P0550	POWER STEERING PRESSURE (PSP) SENSOR / SWITCH CIRCUIT			G *
M	P0551	POWER STEERING PRESSURE (PSP) SENSOR / SWITCH CIRCUIT RANGE / PERF.			G *
	P0552	POWER STEERING PRESSURE (PSP) SENSOR / SWITCH CIRCUIT LOW		G	G
	P0553	POWER STEERING PRESSURE (PSP) SENSOR / SWITCH CIRCUIT HIGH		G	G
	P0556	BRAKE BOOSTER PRESSURE SENSOR CIRCUIT RANGE / PERFORMANCE			G
	P0557	BRAKE BOOSTER PRESSURE SENSOR CIRCUIT LOW	G	G	G
	P0558	BRAKE BOOSTER PRESSURE SENSOR CIRCUIT HIGH	G	G	G
	P0560	SYSTEM VOLTAGE			G
M W	P0562	SYSTEM VOLTAGE LOW	G	G	G
M W	P0563	SYSTEM VOLTAGE HIGH	G	G	G

2014 OBD-II 5 DIGIT CODE INTERPRETATION

Indicator Light	CODE		Spark Ignition		
			KOEO	KOER	CONT
	P0564	CRUISE CONTROL MULTI-FUNCTION INPUT A CIRCUIT			G
	P0565	CRUISE CONTROL ON SIGNAL			G
	P0566	CRUISE CONTROL OFF SIGNAL			G
	P0567	CRUISE CONTROL RESUME SIGNAL			G
	P0568	CRUISE CONTROL SET SIGNAL			G
	P0569	CRUISE CONTROL COAST SIGNAL			G
	P0570	CRUISE CONTROL ACCEL SIGNAL			G
M	P0571	BRAKE SWITCH "A" CIRCUIT			G *
	P0572	BRAKE SWITCH "A" CIRCUIT LOW			G
M	P0573	BRAKE SWITCH "A" CIRCUIT HIGH			G *
	P0578	CRUISE CONTROL MULTI-FUNCTION INPUT "A" CIRCUIT STUCK	G	G	G
	P0579	CRUISE CONTROL MULTI-FUNCTION INPUT "A" CIRCUIT RANGE / PERFORMANCE			G
	P057F	BATTERY STATE OF CHARGE PERFORMANCE			G *
	P0581	CRUISE CONTROL MULTI-FUNCTION INPUT "A" CIRCUIT HIGH	G	G	G
	P0594	CRUISE CONTROL SERVO CONTROL CIRCUIT / OPEN			G
M	P0597	THERMOSTAT HEATER CONTROL CIRCUIT / OPEN	G	G	G *
	P059A	ACTIVE GRILLE AIR SHUTTER "A" POSITION SENSOR CIRCUIT			G
	P059F	ACTIVE GRILLE AIR SHUTTER "A" PERFORMANCE / STUCK OFF			G
	P05A1	ACTIVE GRILLE AIR SHUTTER "A" POSITION SENSOR MINIMUM / MAXIMUM STOP PERFORMANCE			G
	P05A2	ACTIVE GRILLE AIR SHUTTER "A" CONTROL CIRCUIT / OPEN			G
	P05A7	ACTIVE GRILLE AIR SHUTTER "A" SUPPLY VOLTAGE CIRCUIT / OPEN			G
	P05A9	ACTIVE GRILLE AIR SHUTTER "B" POSITION SENSOR CIRCUIT			G
	P05AE	ACTIVE GRILLE AIR SHUTTER "B" PERFORMANCE / STUCK OFF			G
	P05B0	ACTIVE GRILLE AIR SHUTTER "B" POSITION SENSOR MINIMUM / MAXIMUM STOP PERFORMANCE			G
	P05B1	ACTIVE GRILLE AIR SHUTTER "B" CONTROL CIRCUIT / OPEN			G
	P05B6	ACTIVE GRILLE AIR SHUTTER "B" SUPPLY VOLTAGE CIRCUIT LOW			G
	P05C0	ACTIVE GRILLE AIR SHUTTER MODULE "A" OVER TEMPERATURE			G
	P05C1	ACTIVE GRILLE AIR SHUTTER MODULE "B" OVER TEMPERATURE			G
	P05D1	DRIVER MODE SELECT SWITCH "A" CIRCUIT LOW			G
	P05D2	DRIVER MODE SELECT SWITCH "A" CIRCUIT HIGH			G

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
	P05D3	DRIVER MODE SELECT SWITCH "A" CIRCUIT RANGE / PERFORMANCE			G
M W	P0600	SERIAL COMMUNICATION LINK			G * +
M W	P0601	INTERNAL CONTROL MODULE MEMORY CHECKSUM ERROR			G *
M	P0602	POWERTRAIN CONTROL MODULE PROGRAMMING ERROR	G	G	G *
M W	P0603	INTERNAL CONTROL MODULE KEEP ALIVE MEMORY (KAM) ERROR	G		G *
M W	P0604	INTERNAL CONTROL MODULE RANDOM ACCESS MEMORY (RAM) ERROR			G *
M	P0605	INTERNAL CONTROL MODULE READ ONLY MEMORY (ROM) ERROR	G		G *
M	P0606	ECM / PCM PROCESSOR			G *
M	P0607	CONTROL MODULE PERFORMANCE			G *
	P0608	CONTROL MODULE VEHICLE SPEED OUTPUT "A"			
M W	P060A	INTERNAL CONTROL MODULE MONITORING PROCESSOR PERFORMANCE		G	G * +
M W	P060B	INTERNAL CONTROL MODULE A/D PROCESSING PERFORMANCE			G * +
M W	P060C	INTERNAL CONTROL MODULE MAIN PROCESSOR PERFORMANCE			G * +
M W	P060D	INTERNAL CONTROL MODULE ACCELERATOR PEDAL POSITION PERFORMANCE		G	G * +
	P060F	INTERNAL CONTROL MODULE ENGINE COOLANT TEMPERATURE PERFORMANCE			G
M	P0610	CONTROL MODULE VEHICLE OPTIONS ERROR			G *
M	P0611	FUEL INJECTOR CONTROL MODULE PERFORMANCE			
M	P0613	TCM PPROCESSOR	G		G *
	P0614	ECM / TCM INCOMPATIBLE			G
	P0615	STARTER RELAY "A" CIRCUIT	G	G	G
	P0616	STARTER RELAY "A" CIRCUIT LOW	G	G	G
	P0617	STARTER RELAY "A" CIRCUIT HIGH	G	G	G
M	P0618	ALTERNATIVE FUEL CONTROL MODULE KAM ERROR			A *
M	P0619	ALTERNATIVE FUEL CONTROL MODULE RAM / ROM ERROR			A *
M W	P061A	INTERNAL CONTROL MODULE TORQUE PERFORMANCE		G	G +
M W	P061B	INTERNAL CONTROL MODULE TORQUE CALCULATION PERFORMANCE		G	G * +
M W	P061C	INTERNAL CONTROL MODULE ENGINE RPM PERFORMANCE		G	G * +
M W	P061D	INTERNAL CONTROL MODULE ENGINE AIR MASS PERFORMANCE			G * +
	P061E	INTERNAL CONTROL MODULE BRAKE SIGNAL PERFORMANCE			G
M W	P061F	INTERNAL CONTROL MODULE THROTTLE ACTUATOR CONTROLLER PERFORMANCE			G * +

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
	P0620	GENERATOR CONTROL CIRCUIT			G
	P0622	GENERATOR FIELD / "F" TERMINAL CIRCUIT		G	G
	P0623	GENERATOR LAMP CONTROL CIRCUIT			
	P0625	GENERATOR FIELD / "F" TERMINAL CIRCUIT LOW		G	G
	P0626	GENERATOR FIELD / "F" TERMINAL CIRCUIT HIGH		G	G
M	P0627	FUEL PUMP "A" CONTROL CIRCUIT / OPEN	G	G	G *
M	P0628	FUEL PUMP "A" CONTROL CIRCUIT LOW			
M	P0629	FUEL PUMP "A" CONTROL CIRCUIT HIGH			
M	P062A	FUEL PUMP "A" CONTROL CIRCUIT RANGE PERFORMANCE			
	P062B	INTERNAL CONTROL MODULE FUEL INJECTOR CONTROL PERFORMANCE			G
M	P062C	INTERNAL CONTROL MODULE VEHICLE SPEED PERFORMANCE			G *
M	P062D	FUEL INJECTOR DRIVER CIRCUIT PERFORMANCE - Bank 1	G	G	G *
M	P062E	FUEL INJECTOR DRIVER CIRCUIT PERFORMANCE - Bank 2	G	G	G *
M	P062F	INTERNAL CONTROL MODULE EEPROM ERROR			G *
M	P0630	VIN NOT PROGRAMMED OR INCOMPATIBLE - ECM/PCM	G	G	G *
M	P0634	CONTROL MODULE INTERNAL TEMPERATURE "A" TOO HIGH			
M	P0638	THROTTLE ACTUATOR CONTROL RANGE/PERFORMANCE - Bank 1			G *
M	P0639	THROTTLE ACTUATOR CONTROL RANGE/PERFORMANCE - Bank 2			G *
	P0640	INTAKE AIR HEATER CONTROL CIRCUIT			
M	P0641	SENSOR REFERENCE VOLTAGE "A" CIRCUIT / OPEN			G *
M	P0642	SENSOR REFERENCE VOLTAGE "A" CIRCUIT LOW	G	G	G *
M	P0643	SENSOR REFERENCE VOLTAGE "A" CIRCUIT HIGH	G	G	G *
	P0645	A/C CLUTCH (ACC) RELAY CONTROL CIRCUIT	G	G	G
	P0646	A/C CLUTCH (ACC) RELAY CONTROL CIRCUIT LOW	G	G	G
	P0647	A/C CLUTCH (ACC) RELAY CONTROL CIRCUIT HIGH	G	G	G
	P0649	CRUISE CONTROL LAMP CONTROL CIRCUIT			
	P064A	FUEL PUMP CONTROL MODULE "A"			G
M	P064C	GLOW PLUG CONTROL MODULE 1			
M	P064D	INTERNAL CONTROL MODULE O2 SENSOR PROCESSOR PERFORMANCE - Bank 1	G	G	G *
M	P064E	INTERNAL CONTROL MODULE O2 SENSOR PROCESSOR PERFORMANCE - Bank 2	G	G	G *

2014 OBD-II 5 DIGIT CODE INTERPRETATION

Indicator Light	CODE		Spark Ignition		
			KOEO	KOER	CONT
M	P064F	UNAUTHORIZED SOFTWARE / CALIBRATION DETECTED			
M W	P0652	SENSOR REFERENCE VOLTAGE "B" CIRCUIT LOW	G	G	G * +
M W	P0653	SENSOR REFERENCE VOLTAGE "B" CIRCUIT HIGH	G	G	G * +
M	P0657	ACTUATOR SUPPLY VOLTAGE "A" CIRCUIT / OPEN	G		G *
M	P0658	ACTUATOR SUPPLY VOLTAGE "A" CIRCUIT LOW			
M	P0659	ACTUATOR SUPPLY VOLTAGE "A" CIRCUIT HIGH			
	P065B	GENERATOR CONTROL CIRCUIT RANGE / PERFORMANCE	G	G	G
	P065C	GENERATOR MECHANICAL PERFORMANCE		G	G
M	P0660	INTAKE MANIFOLD TUNING VALVE CONTROL CIRCUIT / OPEN (Bank 1)	G	G	G *
M	P0661	INTAKE MANIFOLD TUNING VALVE CONTROL CIRCUIT LOW (Bank 1)			G *
M	P0662	INTAKE MANIFOLD TUNING VALVE CONTROL CIRCUIT HIGH (Bank 1)			G *
	P0663	INTAKE MANIFOLD TUNING VALVE CONTROL CIRCUIT / OPEN (Bank 2)	G	G	G
	P0666	CONTROL MODULE INTERNAL TEMPERATURE SENSOR "A" CIRCUIT			
M	P0667	CONTROL MODULE INTERNAL TEMPERATURE SENSOR "A" RANGE / PERFORMANCE			
	P0668	CONTROL MODULE INTERNAL TEMPERATURE SENSOR "A" CIRCUIT LOW			G
	P0669	CONTROL MODULE INTERNAL TEMPERATURE SENSOR "A" CIRCUIT HIGH			G
M	P066A	CYLINDER 1 GLOW PLUG CIRCUIT LOW			
M	P066B	CYLINDER 1 GLOW PLUG CIRCUIT HIGH			
M	P066C	CYLINDER 2 GLOW PLUG CIRCUIT LOW			
M	P066D	CYLINDER 2 GLOW PLUG CIRCUIT HIGH			
M	P066E	CYLINDER 3 GLOW PLUG CIRCUIT LOW			
M	P066F	CYLINDER 3 GLOW PLUG CIRCUIT HIGH			
M	P0670	GLOW PLUG CONTROL MODULE 1 CONTROL CIRCUIT / OPEN			
M	P0671	CYLINDER 1 - GLOW PLUG CIRCUIT / OPEN			
M	P0672	CYLINDER 2 - GLOW PLUG CIRCUIT / OPEN			
M	P0673	CYLINDER 3 - GLOW PLUG CIRCUIT / OPEN			
M	P0674	CYLINDER 4 - GLOW PLUG CIRCUIT / OPEN			
M	P0675	CYLINDER 5 - GLOW PLUG CIRCUIT / OPEN			
M	P0676	CYLINDER 6 - GLOW PLUG CIRCUIT / OPEN			
M	P0677	CYLINDER 7 - GLOW PLUG CIRCUIT / OPEN			

2014 OBD-II 5 DIGIT CODE INTERPRETATION

Indicator Light	CODE		Spark Ignition		
			KOEO	KOER	CONT
M	P0678	CYLINDER 8 - GLOW PLUG CIRCUIT / OPEN			
M	P067A	CYLINDER 4 GLOW PLUG CIRCUIT LOW			
M	P067B	CYLINDER 4 GLOW PLUG CIRCUIT HIGH			
M	P067C	CYLINDER 5 GLOW PLUG CIRCUIT LOW			
M	P067D	CYLINDER 5 GLOW PLUG CIRCUIT HIGH			
M	P067E	CYLINDER 6 GLOW PLUG CIRCUIT LOW			
M	P067F	CYLINDER 6 GLOW PLUG CIRCUIT HIGH			
M	P0683	GLOW PLUG CONTROL MODULE 1 TO PCM COMMUNICATION CIRCUIT			
M	P0684	GLOW PLUG CONTROL MODULE 1 TO PCM COMMUNICATION CIRCUIT RANGE / PERF.			
	P0685	ECM / PCM POWER RELAY CONTROL CIRCUIT / OPEN	G	G	G
	P0686	ECM / PCM POWER RELAY CONTROL CIRCUIT LOW	G	G	G
	P0687	ECM / PCM POWER RELAY CONTROL CIRCUIT HIGH	G	G	G
	P0689	ECM / PCM POWER RELAY SENSE CIRCUIT LOW			G
M	P068A	ECM / PCM POWER RELAY DE-ENERGIZED - TOO EARLY			G *
M	P068C	CYLINDER 7 GLOW PLUG CIRCUIT LOW			
M	P068D	CYLINDER 7 GLOW PLUG CIRCUIT HIGH			
M	P068E	CYLINDER 8 GLOW PLUG CIRCUIT LOW			
M	P068F	CYLINDER 8 GLOW PLUG CIRCUIT HIGH			
M	P0690	ECM / PCM POWER RELAY SENSE CIRCUIT HIGH			G
M	P0691	FAN 1 CONTROL CIRCUIT LOW	G	G	G
M	P0692	FAN 1 CONTROL CIRCUIT HIGH	G	G	G
	P06A0	VARIABLE A/C COMPRESSOR CONTROL CIRCUIT		G	G
	P06A1	VARIABLE A/C COMPRESSOR CONTROL CIRCUIT LOW		G	G
	P06A2	VARIABLE A/C COMPRESSOR CONTROL CIRCUIT HIGH		G	G
M	P06A6	SENSOR REFERENCE VOLTAGE "A" CIRCUIT RANGE / PERFORMANCE			
M	P06A7	SENSOR REFERENCE VOLTAGE "B" CIRCUIT RANGE / PERFORMANCE			
M	P06A8	SENSOR REFERENCE VOLTAGE "C" CIRCUIT RANGE / PERFORMANCE			
M W	P06AF	TORQUE MANAGEMENT SYSTEM - FORCED ENGINE SHUTDOWN	G	G	G * +
M	P06B1	SENSOR POWER SUPPLY "A" CIRCUIT LOW			
M	P06B2	SENSOR POWER SUPPLY "A" CIRCUIT HIGH			

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
M	P06B4	SENSOR POWER SUPPLY "B" CIRCUIT LOW			
M	P06B5	SENSOR POWER SUPPLY "B" CIRCUIT HIGH			
M	P06B6	INTERNAL CONTROL MODULE KNOCK/COMBUSTION VIBRATION SENSOR PROCESSOR 1 PERFORMANCE		G	G *
M	P06B8	INTERNAL CONTROL MODULE NON-VOLATILE RANDOM ACCESS MEMORY (NVRAM) ERROR			G *
M	P06B9	CYLINDER 1 - GLOW PLUG CIRCUIT RANGE / PERFORMANCE			
M	P06BA	CYLINDER 2 - GLOW PLUG CIRCUIT RANGE / PERFORMANCE			
M	P06BB	CYLINDER 3 - GLOW PLUG CIRCUIT RANGE / PERFORMANCE			
M	P06BC	CYLINDER 4 - GLOW PLUG CIRCUIT RANGE / PERFORMANCE			
M	P06BD	CYLINDER 5 - GLOW PLUG CIRCUIT RANGE / PERFORMANCE			
M	P06BE	CYLINDER 6 - GLOW PLUG CIRCUIT RANGE / PERFORMANCE			
M	P06BF	CYLINDER 7 - GLOW PLUG CIRCUIT RANGE / PERFORMANCE			
M	P06C0	CYLINDER 8 - GLOW PLUG CIRCUIT RANGE / PERFORMANCE			
M	P06D1	INTERNAL CONTROL MODULE IGNITION COIL CONTROL MODULE PERFORMANCE		G	G *
	P06DA	ENGINE OIL PRESSURE CONTROL CIRCUIT / OPEN	G	G	G
	P06DB	ENGINE OIL PRESSURE CONTROL CIRCUIT LOW	G	G	G
	P06DC	ENGINE OIL PRESSURE CONTROL CIRCUIT HIGH	G	G	G
	P06DD	ENGINE OIL PRESSURE CONTROL CIRCUIT PERFORMANCE / STUCK OFF		G	G
M	P06DF	GLOW PLUG CONTROL MODULE 1 MEMORY CHECKSUM ERROR			
M	P06E5	GLOW PLUG CONTROL MODULE 1 PERFORMANCE			
	P06E9	ENGINE STARTER PERFORMANCE			G
M	P06EA	NOx SENSOR PROCESSOR PERFORMANCE (Bank 1 Sensor 1)			
M	P06EB	NOx SENSOR PROCESSOR PERFORMANCE (Bank 1 Sensor 2)			
	P0700	TRANSMISSION CONTROL SYSTEM (MIL requested)	G	G	G
M W	P0701	TRANSMISSION CONTROL SYSTEM RANGE / PERFORMANCE			G * +
M W	P0702	TRANSMISSION CONTROL SYSTEM ELECTRICAL	G		G *
M	P0703	BRAKE SWITCH "B" INPUT CIRCUIT	G	G	G *
M	P0704	CLUTCH SWITCH INPUT CIRCUIT			G
M W	P0705	TRANSMISSION RANGE SENSOR CIRCUIT "A" (PRNDL INPUT)	G		G *
M	P0706	TRANSMISSION RANGE SENSOR "A" CIRCUIT RANGE / PERFORMANCE	G	G	G *
M W	P0707	TRANSMISSION RANGE SENSOR "A" CIRCUIT LOW	G	G	G * +

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
M W	P0708	TRANSMISSION RANGE SENSOR "A" CIRCUIT HIGH	G	G	G * +
M W	P0709	TRANSMISSION RANGE SENSOR "A" CIRCUIT INTERMITTENT			G *
M O/D W	P0710	TRANSMISSION FLUID TEMPERATURE (TFT) SENSOR "A" CIRCUIT	G	G	G * +
M O/D W	P0711	TRANSMISSION FLUID TEMPERATURE SENSOR "A" CIRCUIT RANGE / PERFORMANCE	G	G	G * ^
M O/D W	P0712	TRANSMISSION FLUID TEMPERATURE (TFT) SENSOR "A" CIRCUIT LOW	G	G	G * + ^
M O/D W	P0713	TRANSMISSION FLUID TEMPERATURE (TFT) SENSOR "A" CIRCUIT HIGH INPUT	G	G	G * + ^
M	P0714	TRANSMISSION FLUID TEMPERATURE (TFT) SENSOR "A" CIRCUIT INTERMITTENT			G *
M W	P0715	INPUT / TURBINE SHAFT SPEED (TSS) SENSOR "A" CIRCUIT		G	G * +
M	P0716	INPUT / TURBINE SHAFT SPEED (TSS) SENSOR "A" CIRCUIT RANGE PERFORMANCE			G *
M O/D W	P0717	INPUT / TURBINE SHAFT SPEED (TSS) SENSOR "A" CIRCUIT NO SIGNAL		G	G ^ +
M O/D W	P0718	INPUT / TURBINE SHAFT SPEED (TSS) SENSOR "A" CIRCUIT INTERMITTENT		G	G ^ +
M	P071A	TRANSMISSION MODE SWITCH "A" CIRCUIT			
M	P071B	TRANSMISSION MODE SWITCH "A" CIRCUIT LOW			
M W	P0720	OUTPUT SHAFT SPEED (OSS) SENSOR CIRCUIT			G * +
M O/D W	P0721	OUTPUT SHAFT SPEED (OSS) SENSOR CIRCUIT RANGE / PERFORMANCE			G ^ +
M O/D W	P0722	OUTPUT SHAFT SPEED (OSS) SENSOR CIRCUIT NO SIGNAL			G ^ +
M W	P0723	OUTPUT SHAFT SPEED (OSS) SENSOR CIRCUIT INTERMITTENT			G
M	P0725	ENGINE SPEED INPUT CIRCUIT (RPM)			G *
M	P0726	ENGINE SPEED INPUT CIRCUIT RANGE PERFORMANCE			G
	P0727	ENGINE SPEED INPUT CIRCUIT NO SIGNAL			G
M O/D W	P0729	GEAR 6 INCORRECT RATIO			G * ^ +
	P072A	STUCK IN NEUTRAL			G
M	P072B	STUCK IN REVERSE			
M	P072C	STUCK IN GEAR 1			G *
M	P072D	STUCK IN GEAR 2			G *
M	P072E	STUCK IN GEAR 3			G *
M	P072F	STUCK IN GEAR 4			G *
M O/D	P0730	INCORRECT GEAR RATIO			G *
M O/D W	P0731	GEAR 1 (1GR) INCORRECT RATIO			G * + ^
M O/D W	P0732	GEAR 2 (2GR) INCORRECT RATIO			G * + ^

2014 OBD-II 5 DIGIT CODE INTERPRETATION

Indicator Light	CODE		Spark Ignition		
			KOEO	KOER	CONT
M O/D W	P0733	GEAR 3 (3GR) INCORRECT RATIO			G * + ^
M O/D W	P0734	GEAR 4 (4GR) INCORRECT RATIO			G * + ^
M O/D W	P0735	GEAR 5 (5GR) INCORRECT RATIO			G * + ^
M	P0736	REVERSE INCORRECT RATIO			G *
M	P0737	TCM ENGINE SPEED OUTPUT CIRCUIT		G	G *
M	P073A	STUCK IN GEAR 5			G *
M	P073B	STUCK IN GEAR 6			G *
	P073D	UNABLE TO ENGAGE NEUTRAL			G
W	P073E	UNABLE TO ENGAGE REVERSE			G
W	P073F	UNABLE TO ENGAGE GEAR 1			G
M O/D W	P0740	TORQUE CONVERTER CLUTCH (TCC) SOLENOID CIRCUIT / OPEN	G		G * + ^
M O/D W	P0741	TORQUE CONVERTER CLUTCH (TCC) SOLENOID CIRCUIT PERF. OR STUCK OFF	G		G * + ^
M W	P0742	TORQUE CONVERTER CLUTCH (TCC) SOLENOID CIRCUIT STUCK ON	G		G * +
M O/D W	P0743	TORQUE CONVERTER CLUTCH (TCC) SOLENOID CIRCUIT ELECTRICAL	G		G * +
M	P0744	TORQUE CONVERTER CLUTCH (TCC) SOLENOID CIRCUIT INTERMITTENT			G *
M	P0745	PRESSURE CONTROL SOLENOID "A"			G *
M	P0746	PRESSURE CONTROL SOLENOID "A" PERFORMANCE OR STUCK OFF			G *
M	P0747	PRESSURE CONTROL SOLENOID "A" STUCK ON			G *
W O/D	P0748	PRESSURE CONTROL SOLENOID "A" ELECTRICAL			G + ^
M W	P074A	UNABLE TO ENGAGE GEAR 2			G * +
M W	P074B	UNABLE TO ENGAGE GEAR 3			G * +
M W	P074C	UNABLE TO ENGAGE GEAR 4			G * +
M W	P074D	UNABLE TO ENGAGE GEAR 5			G * +
M W	P074E	UNABLE TO ENGAGE GEAR 6			G * +
M	P0750	SHIFT SOLENOID "A"	G		G *
M	P0751	SHIFT SOLENOID "A" PERFORMANCE OR STUCK OFF			G *
M	P0752	SHIFT SOLENOID "A" STUCK ON			G *
M O/D W	P0753	SHIFT SOLENOID "A" ELECTRICAL	G		G * + ^
W	P0754	SHIFT SOLENOID "A" INTERMITTENT			G +
M	P0755	SHIFT SOLENOID "B"	G		G *

2014 OBD-II 5 DIGIT CODE INTERPRETATION

Indicator Light	CODE		Spark Ignition		
			KOEO	KOER	CONT
M	P0756	SHIFT SOLENOID "B" PERFORMANCE OR STUCK OFF			G *
M	P0757	SHIFT SOLENOID "B" STUCK ON			G *
M O/D W	P0758	SHIFT SOLENOID "B" ELECTRICAL	G		G * + ^
W	P0759	SHIFT SOLENOID "B" INTERMITTENT			G +
M	P0760	SHIFT SOLENOID "C"	G		G *
M	P0761	SHIFT SOLENOID "C" PERFORMANCE OR STUCK OFF			G *
M	P0762	SHIFT SOLENOID "C" STUCK ON			G *
M O/D W	P0763	SHIFT SOLENOID "C" ELECTRICAL	G		G * + ^
W	P0764	SHIFT SOLENOID "C" INTERMITTENT			G +
M	P0765	SHIFT SOLENOID "D"	G		G *
M	P0766	SHIFT SOLENOID "D" PERFORMANCE OR STUCK OFF			G *
M	P0767	SHIFT SOLENOID "D" STUCK ON			G *
M O/D W	P0768	SHIFT SOLENOID "D" ELECTRICAL	G		G * + ^
W	P0769	SHIFT SOLENOID "D" INTERMITTENT			G +
M	P0770	SHIFT SOLENOID "E"	G		G *
M	P0771	SHIFT SOLENOID "E" PERFORMANCE OR STUCK OFF			G *
M	P0772	SHIFT SOLENOID "E" STUCK ON			G *
M O/D W	P0773	SHIFT SOLENOID "E" ELECTRICAL	G		G * + ^
W	P0774	SHIFT SOLENOID "E" INTERMITTENT			G +
M	P0775	PRESSURE CONTROL SOLENOID "B"			G *
M	P0776	PRESSURE CONTROL SOLENOID "B" PERFORMANCE OR STUCK OFF			G *
M	P0777	PRESSURE CONTROL SOLENOID "B" STUCK ON			G *
O/D	P0778	PRESSURE CONTROL SOLENOID "B" ELECTRICAL			G ^
O/D	P0779	PRESSURE CONTROL SOLENOID "B" INTERMITTENT	G		G ^
M	P0780	SHIFT MALFUNCTION			G *
M O/D	P0781	1-2 SHIFT			G ^
M O/D	P0782	2-3 SHIFT			G ^
M O/D	P0783	3-4 SHIFT			G ^
M	P0784	4-5 SHIFT			G *
M	P0790	NORMAL / PERFORMANCE SWITCH CIRCUIT			G

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
M O/D	P0791	INTERMEDIATE SHAFT SPEED (ISS) SENSOR "A" CIRCUIT		G	G ^
M	P0792	INTERMEDIATE SHAFT SPEED (ISS) SENSOR "A" CIRCUIT RANGE PERFORMANCE			G *
O/D	P0793	INTERMEDIATE SHAFT SPEED (ISS) SENSOR "A" CIRCUIT NO SIGNAL			
M O/D	P0794	INTERMEDIATE SHAFT SPEED (ISS) SENSOR "A" CIRCUIT INTERMITTENT			G ^
M	P0795	PRESSURE CONTROL SOLENOID "C"			G *
M	P0796	PRESSURE CONTROL SOLENOID "C" PERFORMANCE OR STUCK OFF	G		G *
M	P0797	PRESSURE CONTROL SOLENOID "C" STUCK ON	G		G *
O/D	P0798	PRESSURE CONTROL SOLENOID "C" ELECTRICAL			G ^
O/D	P0799	PRESSURE CONTROL SOLENOID "C" INTERMITTENT	G		G ^
M	P07A2	TRANSMISSION FRICTION ELEMENT "A" PERFORMANCE / STUCK OFF			
M	P07A3	TRANSMISSION FRICTION ELEMENT "A" STUCK ON			
M	P07A4	TRANSMISSION FRICTION ELEMENT "B" PERFORMANCE / STUCK OFF			
M W	P07A5	TRANSMISSION FRICTION ELEMENT "B" STUCK ON			G +
W	P07A8	TRANSMISSION FRICTION ELEMENT "D" PERFORMANCE / STUCK OFF			G +
W	P07A9	TRANSMISSION FRICTION ELEMENT "D" STUCK ON			G +
W	P07AA	TRANSMISSION FRICTION ELEMENT "E" PERFORMANCE / STUCK OFF			G +
	P07E4	UNABLE TO ENGAGE PARK			G
	P07E5	UNABLE TO ENGAGE DRIVE			G
	P07E6	STUCK IN PARK			G
	P07E7	STUCK IN DRIVE			G
	P07EC	TRANSMISSION RANGE MULTIFUNCTION SELECT CIRCUIT			
	P07ED	TRANSMISSION RANGE MULTIFUNCTION SELECT CIRCUIT STUCK			
	P07F2	TRANSMISSION RANGE CONTROL MODULE COMMUNICATION CIRCUIT			
	P07F3	TRANSMISSION RANGE CONTROL MODULE COMMUNICATION CIRCUIT LOW			
	P07F4	TRANSMISSION RANGE CONTROL MODULE COMMUNICATION CIRCUIT HIGH			
	P07F5	TRANSMISSION RANGE CONTROL MODULE SYSTEM VOLTAGE LOW			
	P0801	REVERSE INHIBIT CONTROL CIRCUIT / OPEN	G		G
	P0803	UPSHIFT / SKIP SHIFT SOLENOID CONTROL CIRCUIT	G		G
M	P0805	CLUTCH POSITION SENSOR "A" CIRCUIT			
M	P0806	CLUTCH POSITION SENSOR "A" CIRCUIT RANGE / PERFORMANCE			

2014 OBD-II 5 DIGIT CODE INTERPRETATION

Indicator Light	CODE		Spark Ignition		
			KOEO	KOER	CONT
M	P0809	CLUTCH POSITION SENSOR "A" CIRCUIT INTERMITTENT			
	P0810	CLUTCH POSITION CONTROL ERROR			
M	P0811	EXCESSIVE CLUTCH A SLIPPAGE			
	P0812	REVERSE INPUT CIRCUIT			G
W	P0813	REVERSE OUTPUT CIRCUIT			
	P0814	TRANSMISSION RANGE DISPLAY CIRCUIT			G
W	P0815	UPSHIFT SWITCH CIRCUIT	G	G	G +
W	P0816	DOWNSHIFT SWITCH CIRCUIT	G	G	G +
W	P0817	STARTER DISABLE CIRCUIT / OPEN			
	P0818	DRIVELINE DISCONNECT SWITCH INPUT CIRCUIT	G		
W	P0819	UP AND DOWN SHIFT SWITCH TO TRANSMISSION RANGE CORRELATION			
	P081A	STARTER DISABLE CIRCUIT LOW			
	P081B	STARTER DISABLE CIRCUIT HIGH			
	P081C	PARK INPUT CIRCUIT			
M	P081E	EXCESSIVE CLUTCH "B" SLIPPAGE			
	P081F	BRAKE TRANSMISSION SHIFT INTERLOCK (BTSI) SIGNAL CORRELATION			
	P0826	UP AND DOWN SWITCH CIRCUIT			
M	P0829	5 - 6 SHIFT			
	P0830	CLUTCH PEDAL SWITCH "A" CIRCUIT	G	G	G
	P0833	CLUTCH PEDAL SWITCH "B" CIRCUIT	G	G	G
M O/D	P0840	TRANSMISSION FLUID PRESSURE SENSOR / SWITCH "A" CIRCUIT	G	G	G
M	P0841	TRANSMISSION FLUID PRESSURE SENSOR / SWITCH "A" CIRCUIT RANGE / PERFORMANCE			G
M	P0842	TRANSMISSION FLUID PRESSURE SENSOR / SWITCH "A" CIRCUIT LOW			
M	P0843	TRANSMISSION FLUID PRESSURE SENSOR / SWITCH "A" CIRCUIT HIGH			
	P0844	TRANSMISSION FLUID PRESSURE SENSOR / SWITCH "A" CIRCUIT INTERMITTENT			G
M O/D	P0845	TRANSMISSION FLUID PRESSURE SENSOR / SWITCH "B" CIRCUIT			
M	P0846	TRANSMISSION FLUID PRESSURE SENSOR / SWITCH "B" CIRCUIT RANGE / PERFORMANCE			G
M	P0847	TRANSMISSION FLUID PRESSURE SENSOR / SWITCH "B" CIRCUIT LOW			
M	P0848	TRANSMISSION FLUID PRESSURE SENSOR / SWITCH "B" CIRCUIT HIGH			
M	P0850	PARK / NEUTRAL SWITCH INPUT CIRCUIT		G	G *

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
	P0851	PARK / NEUTRAL SWITCH INPUT CIRCUIT LOW		G	G
	P085D	GEAR SHIFT CONTROL MODULE "A" PERFORMANCE			G
	P0860	GEAR SHIFT CONTROL MODULE "A" COMMUNICATION CIRCUIT	G	G	G
	P0861	GEAR SHIFT CONTROL MODULE "A" COMMUNICATION CIRCUIT LOW	G	G	G
	P0862	GEAR SHIFT CONTROL MODULE "A" COMMUNICATION CIRCUIT HIGH	G	G	G
W	P0867	TRANSMISSION FLUID PRESSURE			G +
	P0868	TRANSMISSION FLUID PRESSURE LOW			G
O/D	P0870	TRANSMISSION FLUID PRESSURE SENSOR / SWITCH "C" CIRCUIT			
M	P0871	TRANSMISSION FLUID PRESSURE SENSOR / SWITCH "C" CIRCUIT RANGE / PERFORMANCE			G
O/D	P0875	TRANSMISSION FLUID PRESSURE SENSOR / SWITCH "D" CIRCUIT			
M	P0876	TRANSMISSION FLUID PRESSURE SENSOR / SWITCH "D" CIRCUIT RANGE / PERFORMANCE			
M	P087A	CLUTCH POSITION SENSOR "B" CIRCUIT	G		G *
M	P087B	CLUTCH POSITION SENSOR "B" CIRCUIT RANGE / PERFORMANCE	G		G *
M	P087E	CLUTCH POSITION SENSOR "B" CIRCUIT INTERMITTENT	G		G *
M	P0882	TCM POWER INPUT SIGNAL LOW	G		G *
M	P0883	TCM POWER INPUT SIGNAL HIGH	G		G *
	P0884	TCM POWER INPUT SIGNAL INTERMITTENT			
M W	P0886	TCM POWER RELAY CONTROL CIRCUIT LOW			
M W	P0887	TCM POWER RELAY CONTROL CIRCUIT HIGH			
	P0894	TRANSMISSION COMPONENT SLIPPING			G
	P0897	TRANSMISSION FLUID DETERIORATED			G
	P08A9	CLUTCH PEDAL POSITION SENSOR "A" CIRCUIT LOW	G	G	G
	P08AA	CLUTCH PEDAL POSITION SENSOR "A" CIRCUIT HIGH	G	G	G
	P08B6	CLUTCH PEDAL POSITION SENSOR "B" CIRCUIT LOW	G	G	G
	P08B7	CLUTCH PEDAL POSITION SENSOR "B" CIRCUIT HIGH	G	G	G
	P08B9	CLUTCH PEDAL POSITION SENSOR "A"/"B" CORRELATION	G	G	G
M	P0900	CLUTCH "A" ACTUATOR CONTROL CIRCUIT / OPEN			G *
W	P0901	CLUTCH "A" ACTUATOR CONTROL CIRCUIT RANGE PERFORMANCE			
M	P0902	CLUTCH "A" ACTUATOR CONTROL CIRCUIT LOW			G *
M	P0903	CLUTCH "A" ACTUATOR CONTROL CIRCUIT HIGH			G *

2014 OBD-II 5 DIGIT CODE INTERPRETATION

Indicator Light	CODE		Spark Ignition		
			KOEO	KOER	CONT
M	P090A	CLUTCH "B" ACTUATOR CONTROL CIRCUIT / OPEN			
W	P090B	CLUTCH "B" ACTUATOR CONTROL CIRCUIT RANGE PERFORMANCE			
M	P090C	CLUTCH "B" ACTUATOR CONTROL CIRCUIT LOW			
M	P090D	CLUTCH "B" ACTUATOR CONTROL CIRCUIT HIGH			
	P092C	GEAR SHIFT LOCK SOLENIOD / ACTUATOR CIRCUIT "B" LOW			G
	P092D	GEAR SHIFT LOCK SOLENIOD / ACTUATOR CIRCUIT "B" HIGH			G
	P0930	GEAR SHIFT LOCK SOLENIOD / ACTUATOR CIRCUIT "A" LOW			G
	P0931	GEAR SHIFT LOCK SOLENIOD / ACTUATOR CIRCUIT "A" HIGH			G
	P0932	HYDRAULIC PRESSURE SENSOR CIRCUIT	G		G
	P0937	HYDRAULIC OIL TEMPERATURE SENSOR CIRCUIT	G		G
	P0939	HYDRAULIC OIL TEMPERATURE SENSOR CIRCUIT LOW	G		G
	P0940	HYDRAULIC OIL TEMPERATURE SENSOR CIRCUIT HIGH	G		G
M	P0942	HYDRAULIC PRESSURE UNIT			
M O/D	P0960	PRESSURE CONTROL SOLENOID "A" CONTROL CIRCUIT / OPEN	G		G * ^
M W	P0961	PRESSURE CONTROL SOLENOID "A" CONTROL CIRCUIT RANGE PERFORMANCE	G		G +
M W	P0962	PRESSURE CONTROL SOLENOID "A" CONTROL CIRCUIT LOW	G		G *
M W	P0963	PRESSURE CONTROL SOLENOID "A" CONTROL CIRCUIT HIGH	G		G *
M O/D	P0964	PRESSURE CONTROL SOLENOID "B" CONTROL CIRCUIT / OPEN	G		G ^
M	P0965	PRESSURE CONTROL SOLENOID "B" CONTROL CIRCUIT RANGE PERFORMANCE			G *
M	P0966	PRESSURE CONTROL SOLENOID "B" CONTROL CIRCUIT LOW	G		G *
M O/D	P0967	PRESSURE CONTROL SOLENOID "B" CONTROL CIRCUIT HIGH	G		G ^
M O/D	P0968	PRESSURE CONTROL SOLENOID "C" CONTROL CIRCUIT / OPEN	G		G ^
M	P0970	PRESSURE CONTROL SOLENOID "C" CONTROL CIRCUIT LOW	G		G *
M O/D	P0971	PRESSURE CONTROL SOLENOID "C" CONTROL CIRCUIT HIGH	G		G ^
M O/D	P0972	SHIFT SOLENOID "A" CONTROL CIRCUIT RANGE / PERFORMANCE			G *
M W	P0973	SHIFT SOLENOID "A" CONTROL CIRCUIT LOW	G		G * +
M W	P0974	SHIFT SOLENOID "A" CONTROL CIRCUIT HIGH	G		G * +
M O/D	P0975	SHIFT SOLENOID "B" CONTROL CIRCUIT RANGE / PERFORMANCE			G *
M W	P0976	SHIFT SOLENOID "B" CONTROL CIRCUIT LOW	G		G * +
M W	P0977	SHIFT SOLENOID "B" CONTROL CIRCUIT HIGH	G		G * +

2014 OBD-II 5 DIGIT CODE INTERPRETATION

Indicator Light	CODE		Spark Ignition		
			KOEO	KOER	CONT
M O/D W	P0978	SHIFT SOLENOID "C" CONTROL CIRCUIT RANGE / PERFORMANCE			G * +
M W	P0979	SHIFT SOLENOID "C" CONTROL CIRCUIT LOW	G		G * +
M W	P0980	SHIFT SOLENOID "C" CONTROL CIRCUIT HIGH	G		G * +
M O/D W	P0981	SHIFT SOLENOID "D" CONTROL CIRCUIT RANGE / PERFORMANCE			G * +
M W	P0982	SHIFT SOLENOID "D" CONTROL CIRCUIT LOW	G		G * +
M W	P0983	SHIFT SOLENOID "D" CONTROL CIRCUIT HIGH	G		G * +
M O/D W	P0984	SHIFT SOLENOID "E" CONTROL CIRCUIT RANGE / PERFORMANCE			G * +
M W	P0985	SHIFT SOLENOID "E" CONTROL CIRCUIT LOW	G		G * +
M W	P0986	SHIFT SOLENOID "E" CONTROL CIRCUIT HIGH	G		G * +
O/D	P0987	TRANSMISSION FLUID PRESSURE SENSOR / SWITCH "E" CIRCUIT			
M	P0988	TRANSMISSION FLUID PRESSURE SENSOR / SWITCH "E" CIRCUIT RANGE / PERFORMANCE			
M W	P0997	SHIFT SOLENOID "F" CONTROL CIRCUIT RANGE / PERFORMANCE			G * +
M W	P0998	SHIFT SOLENOID "F" CONTROL CIRCUIT LOW			G * +
M W	P0999	SHIFT SOLENOID "F" CONTROL CIRCUIT HIGH			G * +
	P0A00	MOTOR ELECTRONICS COOLANT TEMPERATURE SENSOR CIRCUIT			G
	P0A01	MOTOR ELECTRONICS COOLANT TEMPERATURE SENSOR CIRCUIT RANGE / PERFORMANCE			
	P0A02	MOTOR ELECTRONICS COOLANT TEMPERATURE SENSOR CIRCUIT LOW	G	G	G
	P0A03	MOTOR ELECTRONICS COOLANT TEMPERATURE SENSOR CIRCUIT HIGH	G	G	G
	P0A05	MOTOR ELECTRONICS COOLANT PUMP "A" CONTROL CIRCUIT / OPEN	G	G	G
M	P0A06	MOTOR ELECTRONICS COOLANT PUMP "A" CONTROL CIRCUIT LOW			
M	P0A07	MOTOR ELECTRONICS COOLANT PUMP "A" CONTROL CIRCUIT HIGH			
	P0A08	DC / DC CONVERTER STATUS CIRCUIT / OPEN	G	G	G
M	P0A09	DC / DC CONVERTER STATUS CIRCUIT LOW	G	G	G
M	P0A0A	HIGH VOLTAGE SYSTEM INTER-LOCK CIRCUIT			
	P0A0C	HIGH VOLTAGE SYSTEM INTER-LOCK CIRCUIT LOW			
M	P0A10	DC / DC CONVERTER STATUS CIRCUIT HIGH	G	G	G
	P0A11	DC / DC CONVERTER ENABLE CIRCUIT / OPEN	G	G	G
	P0A12	DC / DC CONVERTER ENABLE CIRCUIT LOW	G	G	G
	P0A13	DC / DC CONVERTER ENABLE CIRCUIT HIGH	G	G	G
	P0A14	ENGINE MOUNT CONTROL "A" CIRCUIT / OPEN	G	G	G

2014 OBD-II 5 DIGIT CODE INTERPRETATION

Indicator Light	CODE		Spark Ignition		
			KOEO	KOER	CONT
M	P0A18	MOTOR TORQUE SENSOR CIRCUIT RANGE / PERFORMANCE	G	G	G
M	P0A1A	GENERATOR CONTROL MODULE			
M	P0A1B	DRIVE MOTOR "A" CONTROL MODULE			
M	P0A1D	HYBRID / EV POWERTRAIN CONTROL MODULE "A"			
	P0A1F	BATTERY ENERGY CONTROL MODULE			G
M	P0A23	GENERATOR TORQUE SENSOR CIRCUIT RANGE / PERFORMANCE	G	G	G
	P0A27	HYBRID / EV BATTERY POWER OFF CIRCUIT			G
	P0A28	HYBRID / EV BATTERY POWER OFF CIRCUIT LOW			G
M	P0A2A	DRIVE MOTOR "A" TEMPERATURE SENSOR CIRCUIT			
M	P0A2B	DRIVE MOTOR "A" TEMPERATURE SENSOR CIRCUIT RANGE / PERFORMANCE			
M	P0A2C	DRIVE MOTOR "A" TEMPERATURE SENSOR CIRCUIT LOW			
M	P0A2D	DRIVE MOTOR "A" TEMPERATURE SENSOR CIRCUIT HIGH			
M W	P0A2F	DRIVE MOTOR "A" OVER TEMPERATURE			
M W	P0A36	GENERATOR TEMPERATURE SENSOR CIRCUIT			
M W	P0A37	GENERATOR TEMPERATURE SENSOR CIRCUIT RANGE PERFORMANCE			
M	P0A38	GENERATOR TEMPERATURE SENSOR CIRCUIT RANGE LOW			
M	P0A39	GENERATOR TEMPERATURE SENSOR CIRCUIT RANGE HIGH			
	P0A3B	GENERATOR OVER TEMPERATURE		G	G
M W	P0A3C	DRIVE MOTOR "A" INVERTER OVER TEMPERATURE			
	P0A3E	GENERATOR INVERTER OVER TEMPERATURE			
M	P0A3F	DRIVE MOTOR "A" POSITION SENSOR CIRCUIT			
M	P0A40	DRIVE MOTOR "A" POSITION SENSOR CIRCUIT RANGE PERFORMANCE			
M	P0A44	DRIVE MOTOR "A" POSITION SENSOR CIRCUIT OVERSPEED			
	P0A4B	GENERATOR POSITION SENSOR CIRCUIT			
M	P0A4C	GENERATOR POSITION SENSOR CIRCUIT RANGE / PERFORMANCE			
M	P0A50	GENERATOR POSITION SENSOR CIRCUIT OVERSPEED			G
	P0A59	GENERATOR CURRENT SENSOR CIRCUIT		G	G
	P0A5A	GENERATOR CURRENT SENSOR CIRCUIT RANGE / PERFORMANCE		G	G
	P0A5B	GENERATOR CURRENT SENSOR CIRCUIT LOW		G	G
	P0A5C	GENERATOR CURRENT SENSOR CIRCUIT HIGH		G	G

2014 OBD-II 5 DIGIT CODE INTERPRETATION

Indicator Light	CODE		Spark Ignition		
			KOEO	KOER	CONT
M	P0A78	DRIVE MOTOR "A" INVERTER PERFORMANCE			
M	P0A7A	GENERATOR INVERTER PERFORMANCE			
	P0A7C	MOTOR ELECTRONICS OVER TEMPERATURE			G
M	P0A7D	HYBRID / EV BATTERY PACK STATE OF CHARGE LOW			
M W	P0A7F	HYBRID / EV BATTERY PACK DETERIORATION			
	P0A80	REPLACE HYBRID / EV BATTERY PACK			
	P0A81	HYBRID / EV BATTERY PACK COOLING FAN 1 CONTROL CIRCUIT / OPEN			
	P0A82	HYBRID / EV BATTERY PACK COOLING FAN 1 PERFORMANCE / STUCK OFF			
	P0A8B	14 VOLT POWER MODULE SYSTEM VOLTAGE			
M	P0A90	DRIVE MOTOR "A" PERFORMANCE			
M	P0A92	HYBRID GENERATOR PERFORMANCE			
M	P0A94	DC / DC CONVERTER "A" PERFORMANCE			
	P0A9D	HYBRID / EV BATTERY TEMPERATURE SENSOR "A" CIRCUIT LOW			
	P0A9E	HYBRID / EV BATTERY TEMPERATURE SENSOR "A" CIRCUIT HIGH			
M	P0AA1	HYBRID / EV BATTERY POSITIVE CONTACTOR CIRCUIT STUCK CLOSED			
M	P0AA2	HYBRID / EV BATTERY POSITIVE CONTACTOR CIRCUIT STUCK OPEN			
M	P0AA4	HYBRID / EV BATTERY NEGATIVE CONTACTOR CIRCUIT STUCK CLOSED			
M	P0AA5	HYBRID / EV BATTERY NEGATIVE CONTACTOR CIRCUIT STUCK OPEN			
M	P0AA6	HYBRID / EV BATTERY VOLTAGE SYSTEM ISOLATION FAULT			
M	P0AA7	HYBRID / EV BATTERY VOLTAGE ISOLATION SENSOR CIRCUIT			
	P0AA9	HYBRID / EV BATTERY VOLTAGE ISOLATION SENSOR CIRCUIT LOW			
	P0AAA	HYBRID / EV BATTERY VOLTAGE ISOLATION SENSOR CIRCUIT HIGH			
	P0AAE	HYBRID / EV BATTERY PACK AIR TEMPERATURE SENSOR "A" CIRCUIT LOW			
	P0AAF	HYBRID / EV BATTERY PACK AIR TEMPERATURE SENSOR "A" CIRCUIT HIGH			
	P0ABC	HYBRID / EV BATTERY PACK VOLTAGE SENSE "A" CIRCUIT LOW			
	P0ABD	HYBRID / EV BATTERY PACK VOLTAGE SENSE "A" CIRCUIT HIGH			
M	P0AC0	HYBRID / EV BATTERY PACK CURRENT SENSOR "A" CIRCUIT RANGE / PERFORMANCE			
M	P0AC1	HYBRID / EV BATTERY PACK CURRENT SENSOR "A" CIRCUIT LOW			
M	P0AC2	HYBRID / EV BATTERY PACK CURRENT SENSOR "A" CIRCUIT HIGH			
M	P0AC3	HYBRID / EV BATTERY PACK CURRENT SENSOR "A" CIRCUIT INTERMITTENT ERRATIC			

2014 OBD-II 5 DIGIT CODE INTERPRETATION

Indicator Light	CODE		Spark Ignition		
			KOEO	KOER	CONT
	P0AC7	HYBRID / EV BATTERY TEMPERATURE SENSOR "B" CIRCUIT LOW			
	P0AC8	HYBRID / EV BATTERY TEMPERATURE SENSOR "B" CIRCUIT HIGH			
	P0ACC	HYBRID / EV BATTERY TEMPERATURE SENSOR "C" CIRCUIT LOW			
	P0ACD	HYBRID / EV BATTERY TEMPERATURE SENSOR "C" CIRCUIT HIGH			
M	P0AD9	HYBRID / EV BATTERY POSITIVE CONTACTOR CONTROL CIRCUIT / OPEN			
M	P0ADA	HYBRID / EV BATTERY POSITIVE CONTACTOR CONTROL CIRCUIT RANGE / PERFORMANCE			
M	P0ADC	HYBRID / EV BATTERY POSITIVE CONTACTOR CONTROL CIRCUIT HIGH			
M	P0ADD	HYBRID / EV BATTERY NEGATIVE CONTACTOR CONTROL CIRCUIT / OPEN			
	P0ADE	HYBRID / EV BATTERY NEGATIVE CONTACTOR CONTROL CIRCUIT RANGE / PERFORMANCE			
M	P0AE0	HYBRID / EV BATTERY NEGATIVE CONTACTOR CONTROL CIRCUIT HIGH			
M	P0AE1	HYBRID / EV BATTERY PRECHARGE CONTACTOR CIRCUIT			
M	P0AE5	HYBRID / EV BATTERY PRECHARGE CONTACTOR CONTROL CIRCUIT RANGE / PERFORMANCE			
M	P0AE7	HYBRID / EV BATTERY PRECHARGE CONTACTOR CONTROL CIRCUIT HIGH			
	P0AEA	HYBRID / EV BATTERY TEMPERATURE SENSOR "D" CIRCUIT LOW			
	P0AEB	HYBRID / EV BATTERY TEMPERATURE SENSOR "D" CIRCUIT HIGH			
M	P0AEE	DRIVE MOTOR INVERTER TEMPERATURE SENSOR 'A' CIRCUIT RANGE / PERFORMANCE			
M	P0AEF	DRIVE MOTOR INVERTER TEMPERATURE SENSOR 'A' CIRCUIT LOW			
M	P0AF0	DRIVE MOTOR INVERTER TEMPERATURE SENSOR 'A' CIRCUIT HIGH			
M	P0AFB	HYBRID / EV BATTERY SYSTEM VOLTAGE HIGH			
	P0AFC	HYBRID / EV BATTERY PACK SENSOR MODULE			
	P0AFD	HYBRID / EV BATTERY PACK TEMPERATURE TOO LOW			
M W	P0B0D	ELECTRIC / AUXILIARY TRANSMISSION FLUID PUMP MOTOR CONTROL MODULE			G
	P0B10	HYBRID / EV BATTERY PACK CURRENT SENSOR "B" CIRCUIT LOW			
	P0B12	HYBRID / EV BATTERY PACK CURRENT SENSOR "B" CIRCUIT INTERMITTENT / ERRATIC			
	P0B1B	HYBRID / EV BATTERY PACK VOLTAGE SENSE "C" CIRCUIT LOW			
	P0B1C	HYBRID / EV BATTERY PACK VOLTAGE SENSE "C" CIRCUIT HIGH			
M	P0B24	HYBRID / EV BATTERY "A" VOLTAGE UNSTABLE			G *
M	P0B25	HYBRID / EV BATTERY "A" VOLTAGE LOW			
M	P0B30	HYBRID / EV BATTERY "D" VOLTAGE UNSTABLE			
	P0B36	HIGH VOLTAGE SERVICE DISCONNECT CIRCUIT HIGH			

2014 OBD-II 5 DIGIT CODE INTERPRETATION

Indicator Light	CODE		Spark Ignition		
			KOEO	KOER	CONT
M	P0B37	HIGH VOLTAGE SERVICE DISCONNECT OPEN			
	P0B3D	HYBRID / EV BATTERY VOLTAGE SENSE "A" CIRCUIT LOW			
	P0B3E	HYBRID / EV BATTERY VOLTAGE SENSE "A" CIRCUIT HIGH			
	P0B42	HYBRID / EV BATTERY VOLTAGE SENSE "B" CIRCUIT LOW			
	P0B43	HYBRID / EV BATTERY VOLTAGE SENSE "B" CIRCUIT HIGH			
	P0B47	HYBRID / EV BATTERY VOLTAGE SENSE "C" CIRCUIT LOW			
	P0B48	HYBRID / EV BATTERY VOLTAGE SENSE "C" CIRCUIT HIGH			
	P0B4C	HYBRID / EV BATTERY VOLTAGE SENSE "D" CIRCUIT LOW			
	P0B4D	HYBRID / EV BATTERY VOLTAGE SENSE "D" CIRCUIT HIGH			
	P0B51	HYBRID / EV BATTERY VOLTAGE SENSE "E" CIRCUIT LOW			
	P0B52	HYBRID / EV BATTERY VOLTAGE SENSE "E" CIRCUIT HIGH			
	P0B56	HYBRID / EV BATTERY VOLTAGE SENSE "F" CIRCUIT LOW			
	P0B57	HYBRID / EV BATTERY VOLTAGE SENSE "F" CIRCUIT HIGH			
	P0B5B	HYBRID / EV BATTERY VOLTAGE SENSE "G" CIRCUIT LOW			
	P0B5C	HYBRID / EV BATTERY VOLTAGE SENSE "G" CIRCUIT HIGH			
	P0B60	HYBRID / EV BATTERY VOLTAGE SENSE "H" CIRCUIT LOW			
	P0B61	HYBRID / EV BATTERY VOLTAGE SENSE "H" CIRCUIT HIGH			
	P0B65	HYBRID / EV BATTERY VOLTAGE SENSE "I" CIRCUIT LOW			
	P0B66	HYBRID / EV BATTERY VOLTAGE SENSE "I" CIRCUIT HIGH			
	P0B6A	HYBRID / EV BATTERY VOLTAGE SENSE "J" CIRCUIT LOW			
	P0B6B	HYBRID / EV BATTERY VOLTAGE SENSE "J" CIRCUIT HIGH			
	P0B6F	HYBRID / EV BATTERY VOLTAGE SENSE "K" CIRCUIT LOW			
	P0B70	HYBRID / EV BATTERY VOLTAGE SENSE "K" CIRCUIT HIGH			
	P0B74	HYBRID / EV BATTERY VOLTAGE SENSE "L" CIRCUIT LOW			
	P0B75	HYBRID / EV BATTERY VOLTAGE SENSE "L" CIRCUIT HIGH			
	P0B79	HYBRID / EV BATTERY VOLTAGE SENSE "M" CIRCUIT LOW			
	P0B7A	HYBRID / EV BATTERY VOLTAGE SENSE "M" CIRCUIT HIGH			
	P0B7E	HYBRID / EV BATTERY VOLTAGE SENSE "N" CIRCUIT LOW			
	P0B7F	HYBRID / EV BATTERY VOLTAGE SENSE "N" CIRCUIT HIGH			
	P0B83	HYBRID / EV BATTERY VOLTAGE SENSE "O" CIRCUIT LOW			

2014 OBD-II 5 DIGIT CODE INTERPRETATION

Indicator Light	CODE		Spark Ignition		
			KOEO	KOER	CONT
	P0B84	HYBRID / EV BATTERY VOLTAGE SENSE "O" CIRCUIT HIGH			
	P0B88	HYBRID / EV BATTERY VOLTAGE SENSE "P" CIRCUIT LOW			
	P0B89	HYBRID / EV BATTERY VOLTAGE SENSE "P" CIRCUIT HIGH			
	P0B8D	HYBRID / EV BATTERY VOLTAGE SENSE "Q" CIRCUIT LOW			
	P0B8E	HYBRID / EV BATTERY VOLTAGE SENSE "Q" CIRCUIT HIGH			
	P0B92	HYBRID / EV BATTERY VOLTAGE SENSE "R" CIRCUIT LOW			
	P0B93	HYBRID / EV BATTERY VOLTAGE SENSE "R" CIRCUIT HIGH			
	P0B97	HYBRID / EV BATTERY VOLTAGE SENSE "S" CIRCUIT LOW			
	P0B98	HYBRID / EV BATTERY VOLTAGE SENSE "S" CIRCUIT HIGH			
	P0B9C	HYBRID / EV BATTERY VOLTAGE SENSE "T" CIRCUIT LOW			
	P0B9D	HYBRID / EV BATTERY VOLTAGE SENSE "T" CIRCUIT HIGH			
	P0BA1	HYBRID / EV BATTERY VOLTAGE SENSE "U" CIRCUIT LOW			
	P0BA2	HYBRID / EV BATTERY VOLTAGE SENSE "U" CIRCUIT HIGH			
	P0BA6	HYBRID / EV BATTERY VOLTAGE SENSE "V" CIRCUIT LOW			
	P0BA7	HYBRID / EV BATTERY VOLTAGE SENSE "V" CIRCUIT HIGH			
	P0BAB	HYBRID / EV BATTERY VOLTAGE SENSE "W" CIRCUIT LOW			
	P0BAC	HYBRID / EV BATTERY VOLTAGE SENSE "W" CIRCUIT HIGH			
	P0BB0	HYBRID / EV BATTERY VOLTAGE SENSE "X" CIRCUIT LOW			
	P0BB1	HYBRID / EV BATTERY VOLTAGE SENSE "X" CIRCUIT HIGH			
	P0BB5	HYBRID / EV BATTERY VOLTAGE SENSE "Y" CIRCUIT LOW			
	P0BB6	HYBRID / EV BATTERY VOLTAGE SENSE "Y" CIRCUIT HIGH			
	P0BBA	HYBRID / EV BATTERY VOLTAGE SENSE "Z" CIRCUIT LOW			
	P0BBB	HYBRID / EV BATTERY VOLTAGE SENSE "Z" CIRCUIT HIGH			
	P0BC4	HYBRID / EV BATTERY TEMPERATURE SENSOR "E" CIRCUIT LOW			
	P0BC5	HYBRID / EV BATTERY TEMPERATURE SENSOR "E" CIRCUIT HIGH			
M	P0BCD	GENERATOR INVERTER TEMPERATURE SENSOR "A" CIRCUIT RANGE / PERFORMANCE			
M	P0BCE	GENERATOR INVERTER TEMPERATURE SENSOR "A" CIRCUIT LOW			
M	P0BCF	GENERATOR INVERTER TEMPERATURE SENSOR "A" CIRCUIT HIGH			
M	P0C00	DRIVE MOTOR "A" CURRENT LOW			
M	P0C03	DRIVE MOTOR "B" CURRENT LOW			

2014 OBD-II 5 DIGIT CODE INTERPRETATION

Indicator Light	CODE		Spark Ignition		
			KOEO	KOER	CONT
M	P0C17	DRIVE MOTOR "A" POSITION SENSOR NOT LEARNED			
M W	P0C27	ELECTRIC TRANSMISSION FLUID PUMP MOTOR CONTROL MODULE			G
M W	P0C28	ELECTRIC TRANSMISSION FLUID PUMP MOTOR CURRENT LOW			G
M W	P0C29	ELECTRIC TRANSMISSION FLUID PUMP MOTOR CURRENT HIGH			G
M W	P0C2A	ELECTRIC TRANSMISSION FLUID PUMP MOTOR STALLED			G
M W	P0C2C	ELECTRIC TRANSMISSION FLUID PUMP CONTROL MODULE FEEDBACK SIGNAL RANGE / PERFORMANCE			G
M W	P0C2D	ELECTRIC TRANSMISSION FLUID PUMP CONTROL MODULE FEEDBACK SIGNAL LOW			G
M W	P0C2E	ELECTRIC TRANSMISSION FLUID PUMP CONTROL MODULE FEEDBACK SIGNAL HIGH			G
M W	P0C2F	INTERNAL CONTROL MODULE DRIVE MOTOR/GENERATOR-ENGINE SPEED SENSOR PERFORMANCE			
M W	P0C30	HYBRID/EV BATTERY PACK STATE OF CHARGE HIGH			
	P0C32	HYBRID / EV BATTERY COOLING SYSTEM PERFORMANCE			G
M	P0C50	DRIVE MOTOR "A" POSITION SENSOR NOT LEARNED			
M	P0C64	GENERATOR POSITION SENSOR CIRCUIT "A"			
M	P0C73	MOTOR ELECTRONICS COOLANT PUMP "A" CONTROL PERFORMANCE			
M	P0C79	DRIVE MOTOR "A" INVERTER VOLTAGE TOO HIGH			
M W	P0D09	BATTERY CHARGING SYSTEM POSITIVE CONTACTOR STUCK OPEN			
M W	P0D0A	BATTERY CHARGING SYSTEM POSITIVE CONTACTOR CONTROL CIRCUIT / OPEN			
M	P0D0B	BATTERY CHARGING SYSTEM POSITIVE CONTACTOR CONTROL CIRCUIT RANGE PERFORMANCE			
M	P0D0D	BATTERY CHARGING SYSTEM POSITIVE CONTACTOR CONTROL CIRCUIT HIGH			
M	P0D0F	BATTERY CHARGING SYSTEM NEGATIVE CONTACTOR STUCK CLOSED			
M W	P0D14	BATTERY CHARGING SYSTEM NEGATIVE CONTACTOR CIRCUIT HIGH			
M W	P0D24	BATTERY CHARGER "A" TEMPERATURE TOO HIGH			
M	P0D2D	DRIVE MOTOR "A" INVERTER VOLTAGE SENSOR "A" CIRCUIT			
M W	P0D37	HYBRID / EV BATTERY SYSTEM CURRENT HIGH			
M W	P0D59	PROXIMITY DETECTION CIRCUIT HIGH			
M W	P0D67	BATTERY CHARGER CONTROL MODULE PERFORMANCE			
M W	P0D80	BATTERY CHARGER INPUT CIRCUIT / OPEN			
M W	P0D0B	BATTERY CHARGING SYSTEM POSITIVE CONTACTOR CONTROL CIRCUIT RANGE / PERFORMANCE			
M W	P0D0D	BATTERY CHARGING SYSTEM POSITIVE CONTACTOR CONTROL CIRCUIT HIGH			
M	P0DA8	HYBRID / EV BATTERY VOLTAGE / DRIVE MOTOR "A" INVERTER VOLTAGE CORRELATION			

2014 OBD-II 5 DIGIT CODE INTERPRETATION

Indicator Light	CODE		Spark Ignition		
			KOEO	KOER	CONT
M W	P0DAA	BATTERY CHARGING SYSTEM ISOLATION FAULT			
M	P0DAD	HYBRID / EV BATTERY CELL BALANCING CIRCUIT "A" STUCK ON			
M	P0DAE	HYBRID / EV BATTERY CELL BALANCING CIRCUIT "A" STUCK OFF			
M	P0DB1	HYBRID / EV BATTERY CELL BALANCING CIRCUIT "B" STUCK ON			
M	P0DB2	HYBRID / EV BATTERY CELL BALANCING CIRCUIT "B" STUCK OFF			
M	P0DB5	HYBRID / EV BATTERY CELL BALANCING CIRCUIT "C" STUCK ON			
M	P0DB6	HYBRID / EV BATTERY CELL BALANCING CIRCUIT "C" STUCK OFF			
M	P0DB9	HYBRID / EV BATTERY CELL BALANCING CIRCUIT "D" STUCK ON			
M	P0DBA	HYBRID / EV BATTERY CELL BALANCING CIRCUIT "D" STUCK OFF			
M	P0DBD	HYBRID / EV BATTERY CELL BALANCING CIRCUIT "E" STUCK ON			
M	P0DBE	HYBRID / EV BATTERY CELL BALANCING CIRCUIT "E" STUCK OFF			
M	P0DC1	HYBRID / EV BATTERY CELL BALANCING CIRCUIT "F" STUCK ON			
M	P0DC2	HYBRID / EV BATTERY CELL BALANCING CIRCUIT "F" STUCK OFF			
M	P0DC5	HYBRID / EV BATTERY CELL BALANCING CIRCUIT "G" STUCK ON			
M	P0DC6	HYBRID / EV BATTERY CELL BALANCING CIRCUIT "G" STUCK OFF			
M	P0DC9	HYBRID / EV BATTERY CELL BALANCING CIRCUIT "H" STUCK ON			
M	P0DCA	HYBRID / EV BATTERY CELL BALANCING CIRCUIT "H" STUCK OFF			
M	P0DCD	HYBRID / EV BATTERY CELL BALANCING CIRCUIT "I" STUCK ON			
M	P0DCE	HYBRID / EV BATTERY CELL BALANCING CIRCUIT "I" STUCK OFF			
M	P0DD1	HYBRID / EV BATTERY CELL BALANCING CIRCUIT "J" STUCK ON			
M	P0DD2	HYBRID / EV BATTERY CELL BALANCING CIRCUIT "J" STUCK OFF			
M	P0DD5	HYBRID / EV BATTERY CELL BALANCING CIRCUIT "K" STUCK ON			
M	P0DD6	HYBRID / EV BATTERY CELL BALANCING CIRCUIT "K" STUCK OFF			
M	P0DD9	HYBRID / EV BATTERY CELL BALANCING CIRCUIT "L" STUCK ON			
M	P0DDA	HYBRID / EV BATTERY CELL BALANCING CIRCUIT "L" STUCK OFF			
M	P0DDD	HYBRID / EV BATTERY CELL BALANCING CIRCUIT "M" STUCK ON			
M	P0DDE	HYBRID / EV BATTERY CELL BALANCING CIRCUIT "M" STUCK OFF			
M	P0DE1	HYBRID / EV BATTERY CELL BALANCING CIRCUIT "N" STUCK ON			
M	P0DE2	HYBRID / EV BATTERY CELL BALANCING CIRCUIT "N" STUCK OFF			
M	P0DFC	GENERATOR POSITION SENSOR NOT LEARNED			

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
	P1000	OBD SYSTEMS READINESS TEST NOT COMPLETE	G	G	G
	P1001	KOER NOT ABLE TO COMPLETE, KOER ABORTED		G	G
	P1008	COMBUSTION ENGINE PRODUCING INSUFFICIENT TORQUE			G
	P1009	EVAP SYSTEM SELF-TEST NOT ABLE TO COMPLETE		G	
M	P100F	WASTEGATE CONTROL PRESSURE / BARO CORRELATION			G *
M	P1011	WASTEGATE CONTROL PRESSURE SENSOR CIRCUIT RANGE / PERFORMANCE			G *
M	P1012	WASTEGATE CONTROL PRESSURE SENSOR CIRCUIT LOW			G *
M	P1013	WASTEGATE CONTROL PRESSURE SENSOR CIRCUIT HIGH			G *
	P1014	WASTEGATE CONTROL PRESSURE SENSOR CIRCUIT INTERMITTENT / ERRATIC			G
M	P1015	WASTEGATE CONTROL PRESSURE LOWER THAN EXPECTED			G *
M	P1016	WASTEGATE CONTROL PRESSURE HIGHER THAN EXPECTED			G *
	P1018	ALTERNATIVE FUEL RAIL / SYSTEM PRESSURE - TOO LOW (Bank 2)			G
	P1019	ALTERNATIVE FUEL RAIL / SYSTEM PRESSURE - TOO HIGH (Bank 2)			G
	P101A	ALTERNATIVE FUEL RAIL TEMPERATURE SENSOR "B" CIRCUIT			G
	P101B	ALTERNATIVE FUEL RAIL TEMPERATURE SENSOR "B" PERFORMANCE			G
	P101F	CYLINDER HEAD TEMPERATURE SENSOR 1 OUT OF SELF TEST RANGE		G	
M	P1021	CYLINDER HEAD TEMPERATURE SENSOR 2 CIRCUIT RANGE / PERFORMANCE			G *
M	P1022	CYLINDER HEAD TEMPERATURE SENSOR 2 CIRCUIT LOW	G	G	G *
M	P1023	CYLINDER HEAD TEMPERATURE SENSOR 2 CIRCUIT HIGH	G	G	G *
M	P1024	CYLINDER HEAD TEMPERATURE SENSOR 2 CIRCUIT INTERMITTENT / ERRATIC	G	G	G *
	P1025	CYLINDER HEAD TEMPERATURE SENSOR 2 OUT OF SELF-TEST RANGE		G	
M	P1026	ECT SENSOR 1 / CHT SENSOR 2 CORRELATION			G *
M	P1028	CYLINDER 9 ALTERNATIVE FUEL INJECTOR CONTROL CIRCUIT LOW			A *
M	P1029	CYLINDER 9 ALTERNATIVE FUEL INJECTOR CONTROL CIRCUIT HIGH			A *
M	P102C	CYLINDER 10 ALTERNATIVE FUEL INJECTOR CONTROL CIRCUIT LOW			A *
M	P102D	CYLINDER 10 ALTERNATIVE FUEL INJECTOR CONTROL CIRCUIT HIGH			A *
M	P1048	ALTERNATIVE FUEL DELIVERY ERROR			G *
M	P1071	ALTERNATIVE FUEL SYSTEM TOO LEAN (Bank 1)			G *
M	P1072	ALTERNATIVE FUEL SYSTEM TOO RICH (Bank 1)			G *
M	P1074	ALTERNATIVE FUEL SYSTEM TOO LEAN (Bank 2)			G *

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
M	P1075	ALTERNATIVE FUEL SYSTEM TOO RICH (Bank 2)			G *
	P1100	MASS AIR FLOW (MAF) SENSOR CIRCUIT INTERMITTENT			G
	P1101	MASS AIR FLOW (MAF) SENSOR OUT OF SELF-TEST RANGE	G	G	G
M	P1102	MASS AIR FLOW (MAF) SENSOR IN RANGE BUT LOWER THAN EXPECTED			G *
M	P1103	MASS AIR FLOW (MAF) SENSOR IN RANGE BUT HIGHER THAN EXPECTED			G *
	P1105	DUAL ALTERNATOR UPPER FAULT			
	P1106	DUAL ALTERNATOR LOWER FAULT			
M	P1107	DUAL ALTERNATOR LOWER CIRCUIT			
	P1108	DUAL ALTERNATOR BATTERY LAMP CIRCUIT			
	P1109	INTAKE AIR TEMPERATURE 2 (IAT2) CIRCUIT INTERMITTENT			G
	P1110	INTAKE AIR TEMPERATURE CIRCUIT (D/C) OPEN / SHORT			G
	P1111	SYSTEM PASS			
	P1112	INTAKE AIR TEMPERATURE (IAT) CIRCUIT INTERMITTENT			G
	P1113	INTAKE AIR TEMPERATURE CIRCUIT (L/C) OPEN / SHORT			G
M	P1114	INTAKE AIR TEMPERATURE 2 (IAT2) CIRCUIT LOW (Super / Turbo Charged Engines)	G	G	G *
M	P1115	INTAKE AIR TEMPERATURE 2 (IAT2) CIRCUIT HIGH (Super / Turbo Charged Engines)	G	G	G *
	P1116	ENGINE COOLANT TEMPERATURE (ECT) SENSOR OUT OF SELF-TEST RANGE	G	G	G
	P1117	ENGINE COOLANT TEMPERATURE (ECT) SENSOR CIRCUIT INTERMITTENT			G
M	P1118	MANIFOLD AIR TEMPERATURE (IAT2) CIRCUIT LOW			
M	P1119	MANIFOLD AIR TEMPERATURE (IAT2) CIRCUIT HIGH			
	P111B	ENGINE COOLANT WARM-UP NOT DETECTED			G
M	P1120	THROTTLE POSITION SENSOR "A" (TP-A) OUT OF RANGE LOW (Ratch too low)	G	G	G *
M	P1121	THROTTLE POSITION SENSOR "A" (TP-A) INCONSISTENT WITH MAF / MAP SENSOR			G *
	P1121	PEDAL POSITION SENSOR "A" (PP-A) CIRCUIT RANGE / PERFORMANCE			G
	P1122	PEDAL POSITION SENSOR "A" (PP-A) CIRCUIT LOW	G	G	G
M	P1122	THROTTLE POSITION SENSOR "A" (TP-A) IN RANGE BUT LOWER THAN EXPECTED			G *
	P1123	PEDAL POSITION SENSOR "A" (PP-A) CIRCUIT HIGH	G	G	G
M	P1123	THROTTLE POSITION SENSOR "A" (TP-A) IN RANGE BUT HIGHER THAN EXPECTED			G *
	P1124	THROTTLE POSITION SENSOR "A" (TP-A) OUT OF SELF-TEST RANGE	G	G	
	P1125	THROTTLE POSITION SENSOR "A" (TP-A) INTERMITTENT			G

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
	P1126	THROTTLE POSITION (NARROW RANGE) SENSOR CIRCUIT			G
	P1127	EXHAUST TEMPERATURE OUT OF RANGE, O2 SENSOR TESTS NOT COMPLETED		G	
	P1128	UPSTREAM HO2S SENSORS SWAPPED (from Bank to Bank)		G	G
	P1129	DOWNSTREAM HO2S SENSORS SWAPPED (from Bank to Bank)		G	G
M	P1130	LACK OF HO2S-11 SWITCHES - FUEL TRIM AT LIMIT (Bank 1, Sensor 1)			G *
M	P1131	LACK OF HO2S-11 SWITCHES - SENSOR INDICATES LEAN (Bank 1, Sensor 1)		G	G *
M	P1132	LACK OF HO2S-11 SWITCHES - SENSOR INDICATES RICH (Bank 1, Sensor 1)		G	G *
	P1133	BANK 1 FUEL CONTROL SHIFTED LEAN (FAOSC)			G
	P1134	BANK 1 FUEL CONTROL SHIFTED RICH (FAOSC)			G
	P1135	PEDAL POSITION SENSOR "A" (PP-A) CIRCUIT INTERMITTENT	G	G	G
	P1135	HO2S-11 HEATER CIRCUIT LOW (Bank 1, Sensor 1)			G
	P1136	HO2S-11 HEATER CIRCUIT HIGH (Bank 1, Sensor 1)			G
	P1137	LACK OF HO2S-12 SWITCHES - SENSOR INDICATES LEAN (Bank 1, Sensor 2)		G	G
	P1138	LACK OF HO2S-12 SWITCHES - SENSOR INDICATES RICH (Bank 1, Sensor 2)		G	G
	P1139	WATER IN FUEL INDICATOR CIRCUIT			
	P1140	WATER IN FUEL CONDITION			
	P1141	FUEL RESTRICTION INDICATOR CIRCUIT			
	P1141	HO2S-12 HEATER CIRCUIT LOW (Bank 1, Sensor 2)			G
	P1142	FUEL RESTRICTION CONDITION			
	P1142	HO2S-12 HEATER CIRCUIT HIGH (Bank 1, Sensor 2)			G
	P1143	LACK OF HO2S SWITCHES, HO2S-13 INDICATES LEAN (Bank 1, Sensor 3)			G
	P1144	LACK OF HO2S SWITCHES, HO2S-13 INDICATES RICH (Bank 1, Sensor 3)			G
	P1145	CALCULATED TORQUE ERROR			G
	P1148	GENERATOR 2 CONTROL CIRCUIT			
M	P1149	GENERATOR 2 MONITOR CIRCUIT HIGH			
M	P1150	LACK OF HO2S-21 SWITCHES - FUEL TRIM AT LIMIT (Bank 2, Sensor 1)			G *
M	P1151	LACK OF HO2S-21 SWITCHES - SENSOR INDICATES LEAN (Bank 2, Sensor 1)		G	G *
M	P1152	LACK OF HO2S-21 SWITCHES - SENSOR INDICATES RICH (Bank 2, Sensor 1)		G	G *
	P1153	BANK 2 FUEL CONTROL SHIFTED LEAN (FAOSC)			G
	P1154	BANK 2 FUEL CONTROL SHIFTED RICH (FAOSC)			G

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
	P1155	ALTERNATIVE FUEL CONTROL MODULE HAS ACTIVATED THE MIL			G
	P1156	FUEL SELECT SWITCH CIRCUIT			G
	P1157	LACK OF HO2S-22 SWITCHES - SENSOR INDICATES LEAN (Bank 2, Sensor 2)		G	
	P1158	LACK OF HO2S-22 SWITCHES - SENSOR INDICATES RICH (Bank 2, Sensor 2)		G	
	P115A	LOW FUEL LEVEL - FORCED LIMITED POWER			
	P115E	THROTTLE ACTUATOR CONTROL THROTTLE BODY AIR FLOW TRIM AT MAX LIMIT			G
	P1168	FUEL RAIL PRESSURE SENSOR IN RANGE BUT LOW			G
	P1169	FUEL RAIL PRESSURE SENSOR IN RANGE BUT HIGH			G
	P1169	FEEDBACK A/F MIXTURE CONTROL HO2S-12 (Bank 1, Sensor 2)			G
	P1170	ENGINE SHUT OFF SOLENOID			
	P1170	FEEDBACK A/F MIXTURE CONTROL HO2S-11 (Bank 1, Sensor 1)			G
	P1171	ROTOR SENSOR			
	P1172	ROTOR CONTROL			
	P1173	ROTOR CALIBRATION			
	P1173	FEEDBACK A/F MIXTURE CONTROL HO2S-21 (Bank 2, Sensor 1)			G
	P1174	CAM SENSOR			
	P1175	CAM CONTROL			
	P1176	CAM CALIBRATION			
	P1177	SYNCHRONIZATION			
	P1178	BOLTUP LIMITS			
	P117A	ENGINE OIL OVERTEMPERATURE - FORCED LIMITED POWER			G
	P117B	EXHAUST GAS TEMPERATURE SENSOR CORRELATION - Bank 1			
	P117F	FUEL PRESSURE REGULATOR CONTROL EXCEEDED LEARNING LIMITS			
	P1180	FUEL DELIVERY SYSTEM - LOW			G
	P1181	FUEL DELIVERY SYSTEM - HIGH			G
	P1182	FUEL SHUT OFF SOLENOID CIRCUIT			G
M	P1183	ENGINE OIL TEMPERATURE (EOT) SENSOR CIRCUIT			G *
	P1184	ENGINE OIL TEMPERATURE (EOT) SENSOR CIRCUIT OUT OF SELF-TEST RANGE	G	G	
	P1185	FUEL PUMP TEMPERATURE SENSOR HIGH			
	P1186	FUEL PUMP TEMPERATURE SENSOR LOW			

2014 OBD-II 5 DIGIT CODE INTERPRETATION

Indicator Light	CODE		Spark Ignition		
			KOEO	KOER	CONT
	P1187	VARIANT SELECTION			
	P1188	CALIBRATION MEMORY			
	P1189	PUMP SPEED SIGNAL			G
	P1190	CALIBRATION RESISTOR OUT OF RANGE			G
	P1191	KEY LINE VOLTAGE			
	P1191	TP (CONTROLLED) CIRCUIT			G
	P1192	V EXTERNAL			
	P1193	EGR DRIVER OVER CIRCUIT			
	P1194	ECM / PCM A/D CONVERTER			G
	P1195	SCP HBCC CHIP FAILED TO INITIALIZE			
	P1195	BARO SENSOR CIRCUIT			G
	P1196	KEY OFF VOLTAGE HIGH			
M	P1196	STARTER SWITCH CIRCUIT			G*
	P1197	KEY OFF VOLTAGE LOW			
	P1197	MILEAGE SWITCH CIRCUIT			G
	P1198	PUMP ROTOR CONTROL UNDERFUELING			
	P1199	RESTRAINTS EVENT - FUELING DISABLED			G
M	P1201	CYLINDER 1 INJECTOR CIRCUIT OPEN / SHORTED			
M	P1202	CYLINDER 2 INJECTOR CIRCUIT OPEN / SHORTED			
M	P1203	CYLINDER 3 INJECTOR CIRCUIT OPEN / SHORTED			
M	P1204	CYLINDER 4 INJECTOR CIRCUIT OPEN / SHORTED			
M	P1205	CYLINDER 5 INJECTOR CIRCUIT OPEN / SHORTED			
M	P1206	CYLINDER 6 INJECTOR CIRCUIT OPEN / SHORTED			
M	P1207	CYLINDER 7 INJECTOR CIRCUIT OPEN / SHORTED			
M	P1208	CYLINDER 8 INJECTOR CIRCUIT OPEN / SHORTED			
M	P1209	INJECTOR CONTROL PRESSURE PEAK DELTA TEST FAULT			
	P120A	SECONDARY FUEL INJECTOR INSUFFICIENT FLOW - Bank 1		G	
	P120B	SECONDARY FUEL INJECTOR EXCESSIVE FLOW - Bank 1		G	
	P120C	SECONDARY FUEL INJECTOR INSUFFICIENT FLOW - Bank 2		G	
	P120D	SECONDARY FUEL INJECTOR EXCESSIVE FLOW - Bank 2		G	

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
	P120F	FUEL PRESSURE REGULATOR EXCESSIVE VARIATION			
M	P1210	INJECTOR CONTROL PRESSURE HIGHER THAN DESIRED (engine off)			
M	P1211	INJECTOR CONTROL PRESSURE HIGHER / LOWER THAN DESIRED (engine running)			
	P1212	INJECTOR CONTROL PRESSURE LOWER THAN DESIRED (engine crank or run)			
	P1213	START INJECTOR CIRCUIT			G
	P1214	PEDAL POSITION SENSOR "B" (PP-B) CIRCUIT INTERMITTENT	G	G	G
	P1215	PEDAL POSITION SENSOR "C" (PP-C) CIRCUIT LOW	G	G	G
	P1216	PEDAL POSITION SENSOR "C" (PP-C) CIRCUIT HIGH	G	G	G
	P1217	PEDAL POSITION SENSOR "C" (PP-C) CIRCUIT INTERMITTENT	G	G	G
	P1218	CID HIGH			
	P1219	CID LOW			
	P1220	SERIES THROTTLE CONTROL SYSTEM	G	G	G
	P1221	TRACTION CONTROL SYSTEM			G
	P1222	PEDAL POSITION SENSOR "B" (PP-B) CIRCUIT LOW	G	G	G
	P1222	TRACTION CONTROL OUTPUT CIRCUIT			G
	P1223	PEDAL POSITION SENSOR "B" (PP-B) CIRCUIT HIGH	G	G	G
	P1224	THROTTLE POSITION SENSOR "B" (TP-B) OUT OF SELF-TEST RANGE	G	G	
	P1226	CONTROL SLEEVE SENSOR CIRCUIT			G
M	P1227	WASTGATE FAILED CLOSED (Over Pressure)			G *
M	P1228	WASTGATE FAILED OPEN (Under Pressure)			G *
	P1229	CHARGE AIR COOLER (CAC) PUMP DRIVER	G	G	G
	P1230	FUEL PUMP LOW SPEED MALFUNCTION [VLCM]	G		G
	P1231	FUEL PUMP SECONDARY CIRCUIT LOW, HIGH SPEED [VLCM]	G		G
	P1232	FUEL PUMP SPEED PRIMARY CIRCUIT (Two Speed Fuel Pump)		G	G
M	P1233	FUEL PUMP DRIVER MODULE DISABLED OR OFF LINE (Fuel Pump Driver Module)	G	G	G *
M	P1234	FUEL PUMP DRIVER MODULE DISABLED OR OFF LINE (Fuel Pump Driver Module)	G	G	G *
M	P1235	FUEL PUMP CONTROL OUT OF RANGE (Fuel Pump Driver Module / VLCM)	G	G	G *
M	P1236	FUEL PUMP CONTROL OUT OF RANGE (Fuel Pump Driver Module)		G	G *
M	P1237	FUEL PUMP SECONDARY CIRCUIT (Fuel Pump Driver Module)	G	G	G *
M	P1238	FUEL PUMP SECONDARY CIRCUIT (Fuel Pump Driver Module)		G	G *

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
	P1239	SPEED FUEL PUMP POSITIVE FEED			G
	P123C	COLD START TURBOCHARGER PROTECTION - FORCED LIMITED POWER			
	P123E	NOx SENSOR COMMUNICATION INTERMITTENT (Bank 1 Sensor 1)			
	P123F	NOx SENSOR COMMUNICATION INTERMITTENT (Bank 1 Sensor 2)			
M	P1243	SECOND FUEL PUMP FAULT OR GROUND FAULT			G *
	P1244	ALTERNATOR LOAD HIGH INPUT		G	G
	P1245	ALTERNATOR LOAD LOW INPUT		G	G
	P1246	ALTERNATOR LOAD INPUT		G	G
M	P1247	TURBO BOOST PRESSURE LOW			
M	P1248	TURBO BOOST PRESSURE NOT DETECTED			G
M	P1249	WASTEGATE CONTROL VALVE "A" PERFORMANCE			
	P124A	WASTEGATE CONTROL VALVE "B" PERFORMANCE			
M	P124B	CHARGE AIR COOLER EFFICIENCY HIGHER THAN EXPECTED			G *
	P1250	FUEL PRESSURE REGULATOR CONTROL SOLENOID			G
	P1251	AIR MIXTURE SOLENOID CIRCUIT			G
	P1252	PEDAL CORRELATION PDS1 AND LPDS HIGH			
	P1253	PEDAL CORRELATION PDS1 AND LPDS LOW			
	P1254	PEDAL CORRELATION PDS2 AND LPDS HIGH			
	P1255	PEDAL CORRELATION PDS2 AND LPDS LOW			
	P1256	PEDAL CORRELATION PDS1 AND HPDS			
	P1257	PEDAL CORRELATION PDS2 AND HPDS			
	P1258	PEDAL CORRELATION PDS1 AND PDS2			
	P1260	THEFT DETECTED, VEHICLE IMMOBILIZED			G
M	P1261	CYLINDER #1 - HIGH TO LOW SIDE SHORT	G	G	G *
M	P1262	CYLINDER #2 - HIGH TO LOW SIDE SHORT	G	G	G *
M	P1263	CYLINDER #3 - HIGH TO LOW SIDE SHORT	G	G	G *
M	P1264	CYLINDER #4 - HIGH TO LOW SIDE SHORT	G	G	G *
M	P1265	CYLINDER #5 - HIGH TO LOW SIDE SHORT	G	G	G *
M	P1266	CYLINDER #6 - HIGH TO LOW SIDE SHORT	G	G	G *
M	P1267	CYLINDER #7 - HIGH TO LOW SIDE SHORT	G	G	G *

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
M	P1268	CYLINDER #8 - HIGH TO LOW SIDE SHORT	G	G	G *
M	P1270	ENGINE RPM OR VEHICLE SPEED LIMITER REACHED			G
M	P1271	CYLINDER #1 - HIGH TO LOW SIDE OPEN	G	G	G *
M	P1272	CYLINDER #2 - HIGH TO LOW SIDE OPEN	G	G	G *
M	P1273	CYLINDER #3 - HIGH TO LOW SIDE OPEN	G	G	G *
M	P1274	CYLINDER #4 - HIGH TO LOW SIDE OPEN	G	G	G *
M	P1275	CYLINDER #5 - HIGH TO LOW SIDE OPEN	G	G	G *
M	P1276	CYLINDER #6 - HIGH TO LOW SIDE OPEN	G	G	G *
M	P1277	CYLINDER #7 - HIGH TO LOW SIDE OPEN	G	G	G *
M	P1278	CYLINDER #8 - HIGH TO LOW SIDE OPEN	G	G	G *
	P1279	CONTROL SLEEVE SENSOR CIRCUIT RANGE / PERFORMANCE			G
	P127A	ABORTED KOER - FUEL PRESSURE FAILURE			
	P127B	ABORTED CAMSHAFT POSITION TIMING KOER - ENGINE OIL TEMPERATURE OUT OF RANGE		G	
	P127C	MANIFOLD ABSOLUTE PRESSURE SENSOR OUT OF SELF TEST RANGE		G	
M	P1280	INJECTOR CONTROL PRESSURE (ICP) SENSOR CIRCUIT LOW			
M	P1281	INJECTOR CONTROL PRESSURE (ICP) SENSOR CIRCUIT HIGH			
M	P1282	INJECTOR CONTROL PRESSURE (ICP) HIGHER THAN DESIRED (engine running)			
	P1283	INJECTOR PRESSURE REGULATOR (IPR) CONTROL CIRCUIT			
	P1284	ABORTED KOER - INJECTOR CONTROL PRESSURE FAILURE			
	P1285	CYLINDER HEAD OVER TEMPERATURE (CHT) CONDITION	G	G	G
	P1286	FUEL PULSEWIDTH IN RANGE BUT LOWER THAN EXPECTED			G
	P1287	FUEL PULSEWIDTH IN RANGE BUT HIGHER THAN EXPECTED			G
	P1288	CYLINDER HEAD TEMPERATURE (CHT) SENSOR OUT OF SELF-TEST RANGE	G	G	
M	P1289	CYLINDER HEAD TEMPERATURE (CHT) SENSOR CIRCUIT HIGH	G	G	G *
M	P128A	CYLINDER HEAD TEMPERATURE (CHT) SENSOR CIRCUIT INTERMITTENT / ERRATIC			G *
M	P1290	CYLINDER HEAD TEMPERATURE (CHT) SENSOR CIRCUIT LOW	G	G	G *
M	P1291	INJECTOR HIGH SIDE SHORT TO GROUND OR VBATT - (Bank 1) (Right)			
M	P1292	INJECTOR HIGH SIDE SHORT TO GROUND OR VBATT - (Bank 2) (Left)			
	P1293	INJECTOR HIGH SIDE OPEN - (Bank 1) (Right)			
	P1294	INJECTOR HIGH SIDE OPEN - (Bank 2) (Left)			

2014 OBD-II 5 DIGIT CODE INTERPRETATION

Indicator Light	CODE		Spark Ignition		
			KOEO	KOER	CONT
M	P1295	INJECTOR MULTIPLE FAULTS - (Bank 1) (Right)			
M	P1296	INJECTOR MULTIPLE FAULTS - (Bank 2) (Left)			
	P1297	INJECTOR HIGH SIDE SWITCHES SHORTED TOGETHER			
	P1298	INJECTOR DRIVER MODULE (IDM) FAILURE			G
M	P1299	CYLINDER HEAD OVER TEMPERATURE (CHT) PROTECTION ACTIVE		G	G *
	P1300	BOOST CALIBRATION FAULT			
	P1301	BOOST CALIBRATION HIGH			
	P1302	BOOST CALIBRATION LOW			
	P1303	EXHAUST GAS RECIRCULATION (EGR) CALIBRATION FAULT			
	P1304	EXHAUST GAS RECIRCULATION (EGR) CALIBRATION HIGH			
	P1305	EXHAUST GAS RECIRCULATION (EGR) CALIBRATION LOW			
	P1306	KICKDOWN RELAY PULL-IN CIRCUIT			
	P1307	KICKDOWN RELAY HOLD CIRCUIT			
M	P1309	MISFIRE MONITOR HARDWARE - CMP MISALIGNED, CKP / CMP NOISE, PCM AICE CHIP			G *
M	P130A	KNOCK SENSOR 3 CIRCUIT			G *
M	P130B	KNOCK SENSOR 4 CIRCUIT			G *
	P130C	ENGINE KNOCK / COMBUSTION PERFORMANCE			G
	P130D	ENGINE KNOCK / COMBUSTION PERFORMANCE - FORCED LIMITED POWER			G
	P130E	REDUCTANT PUMP "A" CONTROL CIRCUIT INTERMITTENT / ERRATIC			
M	P1310	IONIZATION MISFIRE DETECTION MODULE FAULT		G	G *
M	P1311	IONIZATION MISFIRE DETECTION MODULE COMMUNICATION FAULT		G	G *
	P1312	INJECTION PUMP TIMING ACTUATOR CIRCUIT			G
M	P1316	INJECTOR DRIVER MODULE CODES DETECTED			
	P1317	INJECTOR CIRCUIT / INJECTOR DRIVER MODULE CODES NOT RETRIEVED			
	P1318	INJECTOR TIMING PISTON POSITION SENSOR CIRCUIT			G
	P1319	INJECTOR TIMING PISTON POSITION SENSOR CIRCUIT RANGE / PERFORMANCE			G
M	P132A	TURBOCHARGER / SUPERCHARGER BOOST CONTROL "A" ELECTRICAL			
M	P132B	TURBOCHARGER / SUPERCHARGER BOOST CONTROL "A" PERFORMANCE			
	P132C	TURBOCHARGER / SUPERCHARGER BOOST CONTROL "A" VOLTAGE			
	P1331	TURBOCHARGER / SUPERCHARGER BOOST HIGH SIDE CONTROL CIRCUIT / OPEN			

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
M	P1334	EGR THROTTLE POSITION SENSOR MINIMUM / MAXIMUM STOP PERFORMANCE			
M	P1335	EGR POSITION SENSOR A MINIMUM / MAXIMUM STOP PERFORMANCE			
M	P1336	CRANKSHAFT / CAMSHAFT SENSOR RANGE / PERFORMANCE			G *
	P1337	THROTTLE POSITION OUTPUT CIRCUIT			
M	P1340	CAMSHAFT POSITION SENSOR "B" (CMP-B) CIRCUIT			G *
	P1345	CYLINDER DISCRIMINATION SIGNAL (from CMP sensor)			G
M	P1351	IGNITION DIAGNOSTIC MONITOR (IDM) INPUT CIRCUIT			G *
M	P1352	IGNITION COIL "A" PRIMARY CIRCUIT			G *
M	P1353	IGNITION COIL "B" PRIMARY CIRCUIT			G *
M	P1354	IGNITION COIL "C" PRIMARY CIRCUIT			G *
M	P1355	IGNITION COIL "D" PRIMARY CIRCUIT			G *
M	P1356	IGNITION DIAGNOSTIC MONITOR (IDM) INDICATES ENGINE NOT TURNING			G *
M	P1357	IGNITION DIAGNOSTIC MONITOR (IDM) PULSEWIDTH NOT DEFINED			G *
	P1358	IGNITION DIAGNOSTIC MONITOR (IDM) SIGNAL OUT OF SELF-TEST RANGE (no CPU OK)	G		
M	P1359	SPARK OUTPUT CIRCUIT (SPOUT)			G *
M	P1364	IGNITION COIL PRIMARY CIRCUIT			G *
	P1369	ENGINE TEMPERATURE LIGHT CIRCUIT			G
	P1378	FUEL INJECTOR CONTROL MODULE SYSTEM VOLTAGE LOW			
	P1379	FUEL INJECTOR CONTROL MODULE SYSTEM VOLTAGE HIGH			
M	P1380	CAMSHAFT POSITION ACTUATOR CIRCUIT (Bank 1) (CPC-1)	G	G	G *
M	P1381	CAMSHAFT POSITION TIMING OVER ADVANCED (Bank 1) (CPC-1)		G	G *
	P1382	CAMSHAFT POSITION TIMING SOLENOID # 1 CIRCUIT			G
M	P1383	CAMSHAFT POSITION TIMING OVER RETARDED (Bank 1) (CPC-1)		G	G *
	P1384	VARIABLE VALVE TIMING SOLENOID A CIRCUIT			G
M	P1385	CAMSHAFT POSITION ACTUATOR CIRCUIT (Bank 2) (CPC-2) (new P0020)	G	G	G *
M	P1386	CAMSHAFT POSITION TIMING OVER ADVANCED (Bank 2) (CPC-2)		G	G *
	P1387	CAMSHAFT POSITION TIMING SOLENOID # 2 CIRCUIT			G
M	P1388	CAMSHAFT POSITION TIMING OVER RETARDED (Bank 2) (CPC-2)		G	G *
M	P1389	GLOW PLUG CIRCUIT HIGH SIDE, LOW INPUT			
M	P138B	GLOW PLUG CONTROL MODULE SYSTEM VOLTAGE			

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
	P138D	TURBOCHARGER / SUPERCHARGER BOOST CONTROL "A" TEMPERATURE TOO HIGH			
	P1390	OCTANE ADJUST (OCTADJ) SERVICE PIN IN USE / CIRCUIT OPEN	G		
M	P1391	GLOW PLUG CIRCUIT LOW (Bank 1)			
	P1392	GLOW PLUG CIRCUIT HIGH (Bank 1)			
M	P1393	GLOW PLUG CIRCUIT LOW (Bank 2)			
	P1394	GLOW PLUG CIRCUIT HIGH (Bank 2)			
M	P1395	GLOW PLUG MONITOR FAULT (Bank 1) (Right)			
M	P1396	GLOW PLUG MONITOR FAULT (Bank 2) (Left)			
	P1397	SYSTEM VOLTAGE OUT OF SELF-TEST RANGE	G	G	
M	P1399	GLOW PLUG CIRCUIT HIGH SIDE, HIGH INPUT			
M	P1400	DIFFERENTIAL PRESSURE FEEDBACK EGR (DPFE) CIRCUIT LOW	G	G	G *
M	P1401	DIFFERENTIAL PRESSURE FEEDBACK EGR (DPFE) CIRCUIT HIGH	G	G	G *
M	P1402	EXHAUST GAS RECIRCULATION (EGR) METERING ORIFICE RESTRICTED			G *
	P1402	EXHAUST GAS RECIRCULATION VALVE POSITION SENSOR CIRCUIT			G
M	P1403	DIFFERENTIAL PRESSURE FEEDBACK (DPFE) SENSOR HOSES REVERSED			G *
M	P1404	EGR TEMPERATURE (EGRT) SENSOR CIRCUIT			G *
M	P1405	DIFF. PRESSURE FEEDBACK (DPFE) SENSOR UPSTREAM HOSE OFF OR PLUGGED			G *
M	P1406	DIFF. PRESSURE FEEDBACK (DPFE) SENSOR DOWNSTREAM HOSE OFF OR PLUGGED			G *
M	P1407	EXHAUST GAS RECIRCULATION (EGR) NO FLOW DETECTED (stuck closed or inoperative)			G *
	P1408	EXHAUST GAS RECIRCULATION (EGR) FLOW OUT OF SELF-TEST RANGE		G	
M	P1409	EGR VACUUM REGULATOR (EVR) SOLENOID CIRCUIT	G	G	G *
	P1409	EXHAUST GAS RECIRCULATION VALVE CIRCUIT			G
	P1410	AIR CLEANER INLET CONTROL CIRCUIT	G	G	G
M	P1411	SECONDARY AIR INJECTION (AIR) INCORRECT DOWNSTREAM FLOW DETECTED		G	G *
M	P1412	EXHAUST GAS RECIRCULATION (EGR) VALVE FROZEN			G
M	P1413	SECONDARY AIR INJECTION (AIR) MONITOR CIRCUIT LOW	G	G	G *
M	P1414	SECONDARY AIR INJECTION (AIR) MONITOR CIRCUIT HIGH	G	G	G *
	P1415	AIR PUMP CIRCUIT			G
	P1416	PORT AIR CONTROL			G
	P1417	PORT AIR RELIEF CIRCUIT			G

2014 OBD-II 5 DIGIT CODE INTERPRETATION

Indicator Light	CODE		Spark Ignition		
			KOEO	KOER	CONT
	P1418	SPLIT AIR # 1 CIRCUIT			G
	P1419	SPLIT AIR # 2 CIRCUIT			G
M	P1431	MISFIRE MONITOR DISABLED, UNABLE TO LEARN WHEEL PROFILE			G *
M	P1432	THERMOSTAT HEATER CONTROL CIRCUIT	G	G	G *
	P1436	A/C EVAPORATOR AIR TEMPERATURE CIRCUIT LOW	G	G	G
	P1437	A/C EVAPORATOR AIR TEMPERATURE CIRCUIT HIGH	G	G	G
	P1439	FLOOR TEMP SWITCH CIRCUIT			G
	P1442	EVAPORATIVE EMISSION (EVAP) SYSTEM CONTROL LEAK DETECTED (small leak)			G
M	P1443	EVAPORATIVE EMISSION (EVAP) SYSTEM CONTROL VALVE (low / no flow)			G *
M	P1444	EVAPORATIVE EMISSION (EVAP) SYSTEM PURGE FLOW SENSOR CIRCUIT LOW			G *
M	P1445	EVAPORATIVE EMISSION (EVAP) SYSTEM PURGE FLOW SENSOR CIRCUIT HIGH			G *
	P1446	EVAPORATIVE VACUUM SOLENOID CIRCUIT			G
	P1449	EVAPORATIVE CHECK SOLENOID CIRCUIT			G
M	P144A	EVAPORATIVE EMISSION (EVAP) SYSTEM PURGE VAPOR LINE RESTRICTED / BLOCKED			G *
M	P144B	EVAPORATIVE EMISSION (EVAP) SYSTEM SECONDARY PURGE VAPOR LINE RESTRICTED / BLOCKED			G *
M	P144C	EVAPORATIVE EMISSION (EVAP) SYSTEM PURGE FLOW PERFORMANCE DURING BOOST			G *
M	P1450	UNABLE TO BLEED UP FUEL TANK VACUUM			G *
M	P1451	EVAPORATIVE EMISSION (EVAP) SYSTEM VENT CONTROL CIRCUIT	G	G	G *
	P1452	UNABLE TO BLEED UP FUEL TANK VACUUM			G
	P1455	EVAPORATIVE EMISSION (EVAP) SYSTEM CONTROL LEAK DETECTED (gross leak / no flow)			G
	P1455	FUEL TANK LEVEL SENSOR CIRCUIT			G
	P1456	FUEL TANK TEMPERATURE (FTT) SENSOR CIRCUIT			G
	P1457	UNABLE TO PULL FUEL TANK VACUUM			G
	P1457	PURGE SOLENOID CONTROL SYSTEM			G
	P1458	IGNITION TIMING CONTROL SOLENOID			G
	P1459	A/C RECIRCULATION SWITCH OUT OF SELF-TEST RANGE	G	G	
	P145B	A/C DEMAND NOT ACTIVE DURING SELF-TEST			
	P145E	PCV HEATER CONTROL "B" CIRCUIT	G		
	P1460	WIDE OPEN THROTTLE A/C CUTOUT CIRCUIT	G	G	G
	P1461	A/C PRESSURE SENSOR (ACPS) CIRCUIT HIGH	G	G	G

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
	P1462	A/C PRESSURE SENSOR (ACPS) CIRCUIT LOW	G	G	G
	P1463	A/C PRESSURE SENSOR INSUFFICIENT PRESSURE CHANGE			G
	P1464	A/C DEMAND (ACD) OUT OF SELF-TEST RANGE	G	G	G
	P1465	A/C RELAY CIRCUIT			G
	P1466	A/C REFRIGERANT TEMPERATURE SENSOR CIRCUIT			G
	P1469	RAPID A/C CYCLING			G
	P1473	FAN CIRCUIT (FC) OPEN [VLCM]	G		G
	P1474	FAN CONTROL (FC) PRIMARY CIRCUIT	G	G	G
	P1475	FAN RELAY (LOW) CIRCUIT			G
	P1476	FAN RELAY (HIGH) CIRCUIT			G
	P1477	ADDITIONAL FAN RELAY CIRCUIT	G	G	G
	P1479	HIGH FAN CONTROL (HFC) PRIMARY CIRCUIT	G	G	G
	P1480	FAN SECONDARY LOW WITH LOW FAN ON	G		G
	P1481	FAN SECONDARY LOW WITH HIGH FAN ON	G	G	G
	P1483	FAN CIRCUIT SHORTED TO GROUND [VLCM]		G	G
	P1484	FAN DRIVER CIRCUIT OPEN TO POWER GROUND [VLCM]		G	G
	P1485	EGRV CIRCUIT			G
	P1486	EGRA CIRCUIT			G
M	P1487	EXHAUST GAS RECIRCULATION CHECK SOLENOID CIRCUIT			G *
	P1488	EXHAUST (muffler) BYPASS CONTROL CIRCUIT	G	G	G
	P1489	POSITIVE CRANKCASE VENTILATION (PCV) HEATER CONTROL CIRCUIT	G	G	G
	P1490	SECONDARY AIR RELIEF SOLENOID CIRCUIT			G
	P1491	SECONDARY SWITCH SOLENOID CIRCUIT			G
	P1492	APLSOL SOLENOID CIRCUIT			G
	P1493	RCNT SOLENOID CIRCUIT			G
	P1494	SPCUT SOLENOID CIRCUIT			G
	P1495	TCSPL SOLENOID CIRCUIT			G
M	P1496	EGR STEPPER MOTOR 1 CONTROL CIRCUIT LOW / HIGH			G *
M	P1497	EGR STEPPER MOTOR 2 CONTROL CIRCUIT LOW / HIGH			G *
M	P1498	EGR STEPPER MOTOR 3 CONTROL CIRCUIT LOW / HIGH			G *

2014 OBD-II 5 DIGIT CODE INTERPRETATION

Indicator Light	CODE		Spark Ignition		
			KOEO	KOER	CONT
M	P1499	EGR STEPPER MOTOR 4 CONTROL CIRCUIT LOW / HIGH			G *
	P1500	VEHICLE SPEED SENSOR (VSS)			G
	P1501	VEHICLE SPEED SENSOR (VSS) OUT OF SELF-TEST RANGE	G	G	G
O/D	P1502	VEHICLE SPEED SENSOR (VSS) INTERMITTENT			G ^
	P1502	INVALID TEST - AUXILIARY POWER CONTROL MODULE FUNCTIONING			
M	P1504	IDLE AIR CONTROL (IAC) CIRCUIT <i>(new P0511)</i>	G	G	G *
M	P1505	IDLE AIR CONTROL (IAC) SYSTEM AT ADAPTIVE CLIP			G *
M	P1506	IDLE AIR CONTROL (IAC) OVER SPEED ERROR			G *
M	P1507	IDLE AIR CONTROL (IAC) UNDER SPEED ERROR			G *
	P1508	IDLE UP SOLENOID 1 CIRCUIT			G
	P1509	IDLE UP SOLENOID 2 CIRCUIT			G
	P1510	IDLE SIGNAL CIRCUIT			G
	P1511	IDLE SWITCH (ELECTRIC CONTROL THROTTLE) CIRCUIT			G
	P1512	INTAKE MANIFOLD RUNNER CONTROL STUCK CLOSED (Bank 1) (vacuum IMRC)			G
	P1513	INTAKE MANIFOLD RUNNER CONTROL STUCK CLOSED (Bank 2) (vacuum IMRC)			G
	P1515	ELECTRIC CURRENT CIRCUIT			G
M	P1516	INTAKE MANIFOLD RUNNER CONTROL (IMRC) INPUT ERROR (Bank 1)	G	G	G *
M	P1517	INTAKE MANIFOLD RUNNER CONTROL (IMRC) INPUT ERROR (Bank 2)	G	G	G *
M	P1518	INTAKE MANIFOLD RUNNER CONTROL STUCK OPEN (Bank 1) (electric IMRC)	G	G	G *
	P1519	INTAKE MANIFOLD RUNNER CONTROL STUCK CLOSED (Bank 1) (electric IMRC)	G	G	G
M	P151A	INTAKE MANIFOLD RUNNER CONTROLLER PERFORMANCE	G	G	G *
M	P1520	INTAKE MANIFOLD RUNNER CONTROL (IMRC) CONTROL CIRCUIT	G	G	G *
	P1521	VARIABLE RESONANCE INDUCTION SYSTEM SOLENOID # 1 CIRCUIT			G
	P1522	VARIABLE RESONANCE INDUCTION SYSTEM SOLENOID # 2 CIRCUIT			G
	P1523	IVC SOLENOID CIRCUIT			G
	P1524	VARIABLE INTAKE SOLENOID CIRCUIT			G
	P1525	AIR BYPASS VALVE			G
	P1526	AIR BYPASS SYSTEM			G
	P1527	BYPASS AIR SOLENOID (ACCELERATE WARM-UP) CIRCUIT			G
	P1528	SUBSIDIARY THROTTLE VALVE SOLENOID CIRCUIT			G

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
	P1529	SCAIR SOLENOID CIRCUIT			G
	P152F	STARTER MOTOR ENGAGED CIRCUIT	G	G	G
	P1530	A/C CLUTCH CIRCUIT OPEN [VLCM]	G	G	G
	P1531	INVALID TEST - ACCELERATOR PEDAL MOVEMENT			
	P1532	INTAKE MANIFOLD COMMUNICATION CONTROL CIRCUIT (Bank 2)	G		G
M	P1533	AIR ASSISTED INJECTOR CIRCUIT			G *
	P1534	RESTRAINT DEPLOYMENT INDICATOR CIRCUIT	G	G	G
	P1536	PARKING BRAKE SWITCH CIRCUIT			
M	P1537	INTAKE MANIFOLD RUNNER CONTROL STUCK OPEN (Bank 1) (vacuum IMRC)	G	G	G *
M	P1538	INTAKE MANIFOLD RUNNER CONTROL STUCK OPEN (Bank 2) (vacuum IMRC)	G	G	G *
	P1539	A/C CLUTCH CIRCUIT OVER CURRENT / SHORT [VLCM]	G		G
	P1540	AIR BYPASS VALVE CIRCUIT			G
M	P1542	PRIMARY PCM ID CIRCUIT (DUAL PCM APPLICATION)	G	G	G *
	P1548	ENGINE AIR FILTER RESTRICTION			G
	P1549	INTAKE MANIFOLD COMMUNICATION CONTROL CIRCUIT (Bank 1)	G		G
	P1550	POWER STEERING PRESSURE (PSP) SENSOR OUT OF SELF-TEST RANGE		G	G
M	P1551	CYLINDER 1 INJECTOR CIRCUIT RANGE / PERFORMANCE			
M	P1552	CYLINDER 2 INJECTOR CIRCUIT RANGE / PERFORMANCE			
M	P1553	CYLINDER 3 INJECTOR CIRCUIT RANGE / PERFORMANCE			
M	P1554	CYLINDER 4 INJECTOR CIRCUIT RANGE / PERFORMANCE			
M	P1555	CYLINDER 5 INJECTOR CIRCUIT RANGE / PERFORMANCE			
M	P1556	CYLINDER 6 INJECTOR CIRCUIT RANGE / PERFORMANCE			
M	P1557	CYLINDER 7 INJECTOR CIRCUIT RANGE / PERFORMANCE			
M	P1558	CYLINDER 8 INJECTOR CIRCUIT RANGE / PERFORMANCE			
	P1561	BRAKE LINE PRESSURE SENSOR CIRCUIT	G	G	G
M	P1562	PCM B+ VOLTAGE LOW (KAM POWER)			G *
	P1565	SPEED CONTROL COMMAND SWITCH OUT OF RANGE HIGH	G	G	G
	P1566	SPEED CONTROL COMMAND SWITCH OUT OF RANGE LOW		G	G
M	P1566	TCM B+ VOLTAGE LOW			G *
	P1567	SPEED CONTROL OUTPUT CIRCUIT			G

2014 OBD-II 5 DIGIT CODE INTERPRETATION

Indicator Light	CODE		Spark Ignition		
			KOEO	KOER	CONT
	P1568	SPEED CONTROL UNABLE TO HOLD SPEED	G		
	P1569	INTAKE MANIFOLD RUNNER CONTROL CIRCUIT LOW			G
	P1570	INTAKE MANIFOLD RUNNER CONTROL CIRCUIT HIGH			G
	P1572	BRAKE PEDAL SWITCH CIRCUIT			G
M	P1573	THROTTLE POSITION NOT AVAILABLE	G	G	G *
	P1574	THROTTLE POSITION SENSOR OUTPUTS DISAGREE	G	G	G
	P1575	PEDAL POSITION OUT OF SELF-TEST RANGE	G		
M W	P1576	PEDAL POSITION NOT AVAILABLE	G	G	G *
	P1577	PEDAL POSITION SENSOR OUTPUTS DISAGREE	G	G	G
M	P1580	ELECTRONIC THROTTLE MONITOR (ETM) PCM OVERRIDE	G	G	G *
	P1581	ELECTRONIC THROTTLE MONITOR (ETM) MALFUNCTION	G	G	G
	P1582	ELECTRONIC THROTTLE MONITOR (ETM) DATA AVAILABLE	G	G	G
	P1583	ELECTRONIC THROTTLE MONITOR (ETM) CRUISE DISABLEMENT	G	G	G
	P1584	THROTTLE CONTROL (TCU) DETECTED ETB MALFUNCTION	G	G	G
M	P1585	THROTTLE CONTROL (TCU) MALFUNCTION	G	G	G *
M	P1586	ELECTRONIC THROTTLE TO PCM COMMUNICATION ERROR	G	G	G *
M	P1587	THROTTLE CONTROL (TCU) MODULATED COMMAND MALFUNCTION	G	G	G *
M W	P1588	THROTTLE CONTROL (TCU) DETECTED LOSS OF RETURN SPRING	G	G	G * +
M	P1589	THROTTLE CONTROL (TCU) UNABLE TO CONTROL TO DESIRED THROTTLE ANGLE	G	G	G *
M	P1594	FORCED ENGINE SHUTDOWN - REMOTE START SYSTEM FAULT, NO UNATTENDED VEHICLE TIMEOUT			G
M	P1595	FORCED ENGINE SHUTDOWN - REMOTE START SYSTEM FAULT, TRANSMISSION RANGE NOT IN PARK			G
M	P1600	LOSS OF KAM POWER, CIRCUIT OPEN			G
M	P1601	ECM / TCM SERIAL COMMUNICATION ERROR			G *
	P1602	IMMOBILIZER / ECM COMMUNICATION ERROR			G
	P1603	EEPROM MALFUNCTION			G
	P1603	ID NUMBER UNREGISTERED			G
	P1604	CODE WORD UNREGISTERED			G
	P1605	KEEP ALIVE MEMORY TEST FAILURE	G		
	P1608	PCM INTERNAL CIRCUIT			G
	P1609	PCM INTERNAL CIRCUIT			G

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
	P160A	CONTROL MODULE VEHICLE OPTIONS RECONFIGURATION ERROR			G
	P160B	GENERATOR MISMATCH WITH VEHICLE CONFIGURATION			G
M	P160C	CONTROL MODULE SOFTWARE PERFORMANCE			
M	P160D	CONTROL MODULE INTERNAL VOLTAGE PERFORMANCE	G	G	G *
	P160E	PCM / ECM / TCM NON-VOLATILE RANDOM ACCESS MEMORY (NVRAM) ERROR			G
	P160F	PCM / ECM / TCM NON-VOLATILE RANDOM ACCESS MEMORY (NVRAM) PERFORMANCE			G
	P1610	INTERACTIVE REPROGRAMMING CODE - REPLACE MODULE (used with P1615/17/19/20)			
	P1611	INTERACTIVE REPROGRAMMING CODE - DIAGNOSE FURTHER (used with P1616/18)			
	P1615	INTERACTIVE REPROGRAMMING CODE - ERASE ERROR			
	P1616	INTERACTIVE REPROGRAMMING CODE - ERASE ERROR, LOW VOLTAGE			
	P1617	INTERACTIVE REPROGRAMMING CODE - BLOCK PROGRAM ERROR			
	P1618	INTERACTIVE REPROGRAMMING CODE - BLOCK PROGRAM ERROR, LOW VOLTAGE			
M	P161A	INCORRECT RESPONSE FROM IMMOBILIZER CONTROL MODULE			G
M	P161B	INCORRECT RESPONSE FROM SECONDARY IMMOBILIZER MODULE			G
	P1621	IMMOBILIZER CODE WORDS DO NOT MATCH			G
	P1622	IMMOBILIZER ID DOES NOT MATCH			G
	P1623	IMMOBILIZER CODE WORD / ID NUMBER WRITE FAILURE			G
	P1624	ANTI-THEFT SYSTEM			G
	P1625	FAN DRIVER CIRCUIT OPEN TO POWER B+ [VLCM]		G	G
	P1626	A/C CIRCUIT OPEN TO POWER B+ [VLCM]	G		G
	P1627	MODULE SUPPLY VOLTAGE OUT OF RANGE			
W	P162D	INTERNAL CONTROL MODULE CRUISE CONTROL PERFORMANCE			G +
W	P162E	INTERNAL CONTROL MODULE PTO CONTROL PERFORMANCE			
	P162F	STARTER MOTOR DISABLED - ENGINE CRANK TIME TOO LONG			G
	P1630	ALTERNATOR REGULATOR # 1 CONTROL CIRCUIT			G
	P1631	ALTERNATOR REGULATOR # 2 CONTROL CIRCUIT			G
M	P1633	KEEP ALIVE POWER VOLTAGE TOO LOW	G	G	G *
	P1633	GENERATOR CONTROL SYSTEM - OVER CHARGE			G
M	P1634	DATA OUTPUT LINK CIRCUIT			
	P1634	GENERATOR CONTROL SYSTEM - NO CHARGE			G

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
M	P1635	TIRE / AXLE OUT OF ACCEPTABLE RANGE			G *
M	P1636	INDUCTIVE SIGNATURE CHIP COMMUNICATION ERROR	G		G *
M	P1639	VEHICLE ID BLOCK CORRUPTED, NOT PROGRAMMED			G *
	P163A	GENERATOR "B" CONTROL CIRCUIT			
	P163B	GENERATOR "B" FIELD TERMINAL CIRCUIT			
	P163C	GENERATOR "B" FIELD TERMINAL CIRCUIT LOW			
	P163D	GENERATOR "B" FIELD TERMINAL CIRCUIT HIGH			
M	P163E	TRANSMISSION CONTROL MODULE PROGRAMMING ERROR			G *
M	P163F	TRANSMISSION ID BLOCK CORRUPTED, NOT PROGRAMMED			G *
M	P1640	POWERTRAIN DTC's AVAILABLE IN ANOTHER CONTROL MODULE (Ref. Pid 0946)			G *
M	P1642	CAN LINK CIRCUIT	G	G	G *
M	P1643	CAN LINK ENGINE CONTROL MODULE / TRANS. CONTROL MODULE CIRCUIT/NETWORK	G	G	G *
	P1645	FUEL PUMP RESISTOR SWITCH CIRCUIT			G
	P1646	LINEAR O2 SENSOR CONTROL CHIP (Bank 1)	G	G	G
	P1647	LINEAR O2 SENSOR CONTROL CHIP (Bank 2)	G	G	G
	P1649	FUEL INJECTOR PUMP MODULE			G
M	P164A	O2 SENSOR POSITIVE CURRENT TRIM CIRCUIT PERFORMANCE (Bank 1 Sensor 1)	G	G	G
	P164B	O2 SENSOR POSITIVE CURRENT TRIM CIRCUIT PERFORMANCE (Bank 2 Sensor 1)	G	G	G
	P164D	ALL WHEEL DRIVE ID BLOCK CORRUPTED, NOT PROGRAMMED			
	P164E	INTERNAL CONTROL MODULE TRANSMISSION RANGE SELECT PERFORMANCE			G
	P1650	POWER STEERING PRESSURE (PSP) SWITCH OUT OF SELF-TEST RANGE	G	G	G
	P1651	POWER STEERING PRESSURE (PSP) SWITCH INPUT			G
	P1652	IDLE AIR CONTROL MONITOR DISABLED BY PSPS FAILED ON			G
M	P1656	CAN LINK PCM / PCM CIRCUIT / NETWORK	G	G	G *
M W	P1657	CAN LINK CHIP MALFUNCTION	G	G	G *
	P165F	PCM / ECM / TCM VEHICLE OPTIONS ERROR			G
	P1660	OUTPUT CIRCUIT CHECK (OCC) CIRCUIT HIGH			
	P1661	OUTPUT CIRCUIT CHECK (OCC) CIRCUIT LOW			
	P1662	EDU_EN OUTPUT CIRCUIT			
	P1663	FUEL DEMAND COMMAND SIGNAL (FDCS) OUTPUT CIRCUIT			

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
	P1667	CYLINDER ID CIRCUIT			
	P1668	PCM / IDM COMMUNICATIONS ERROR			
W	P166A	RESTRAINT DEPLOYMENT COMMUNICATION CIRCUIT	G	G	G +
	P166B	DRIVERS DOOR STATUS CORRELATION			
M	P1670	ELECTRONIC FEEDBACK SIGNAL NOT DETECTED			
M W	P1674	CONTROL MODULE SOFTWARE CORRUPTED			G * +
	P1678	LOW OIL PRESSURE LAMP CONTROL CIRCUIT			
	P167F	NON-OEM CALIBRATION DETECTED			
	P1680	METERING OIL PUMP FAILURE			G
	P1681	METERING OIL PUMP FAILURE			G
	P1682	METERING OIL PUMP FAILURE			G
	P1683	METERING OIL PUMP TEMPERATURE SENSOR CIRCUIT			G
	P1684	METERING OIL PUMP POSITION SENSOR CIRCUIT			G
	P1685	METERING OIL PUMP STEPPING MOTOR CONT. CIRCUIT			G
	P1686	METERING OIL PUMP STEPPING MOTOR CONT. CIRCUIT			G
	P1687	METERING OIL PUMP STEPPING MOTOR CONT. CIRCUIT			G
	P1688	METERING OIL PUMP STEPPING MOTOR CONT. CIRCUIT			G
	P1689	OIL PRESSURE CONTROL SOLENOID CIRCUIT			G
M	P1690	WASTEGATE SOLENOID CIRCUIT			G
	P1691	TURBO PRESSURE CONTROL SOLENOID CIRCUIT			G
	P1692	TURBO CONTROL SOLENOID CIRCUIT			G
	P1693	TURBO CHARGE CONTROL CIRCUIT			G
	P1694	TURBO CHARGE RELIEF CIRCUIT			G
	P1698	COLD START FUEL PUMP PRIMARY CIRCUIT / OPEN	G	G	G
	P169D	COLD START FUEL PUMP SECONDARY CIRCUIT LOW	G	G	G
	P169E	COLD START FUEL PUMP SECONDARY CIRCUIT HIGH	G	G	G
M O/D W	P1700	TRANSMISSION INDETERMINATE FAILURE (failed to neutral)			G * ^
W	P1701	REVERSE ENGAGEMENT ERROR			G
W O/D	P1702	TRANSMISSION RANGE SENSOR CIRCUIT INTERMITTENT	G		G + ^
	P1703	BRAKE SWITCH OUT OF SELF-TEST RANGE	G	G	G

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
	P1704	TRANSMISSION RANGE CKT. NOT INDICATING PARK / NEUTRAL DURING SELF-TEST	G		
	P1705	TRANSMISSION RANGE CKT. NOT INDICATING PARK / NEUTRAL DURING SELF-TEST	G	G	G
O/D	P1706	HIGH VEHICLE SPEED OBSERVED IN PARK			G
	P1707	TRANSFER CASE NUETRAL or PARK NEUTRAL INDICATION CIRCUIT	G	G	G
	P1708	CLUTCH SWITCH CIRCUIT			G
	P1709	PARK NEUTRAL POSITION (PNP) SWITCH OUT OF SELF-TEST RANGE	G		G
	P170A	CLUTCH SWITCH OUT OF SELF TEST RANGE	G	G	
M	P170C	CLUTCH "A" ENGAGEMENT TIME PERFORMANCE			
M	P170D	CLUTCH "B" ENGAGEMENT TIME PERFORMANCE			
	P170E	CLUTCH DELIVERED TORQUE PERFORMANCE			
	P170F	CLUTCH PRESSURE RELEASE VALVE FAILED			
M	P1710	TRANSMISSION CONTROL MODULE SOLENOID / INTERNAL GROUND CIRCUIT	G	G	G
	P1711	TRANSMISSION FLUID TEMPERATURE (TFT) SENSOR OUT OF SELF-TEST RANGE	G	G	
W	P1712	TRANSMISSION TORQUE REDUCTION REQUEST SIGNAL			G +
O/D	P1713	TRANSMISSION FLUID TEMPERATURE SENSOR IN RANGE FAILURE [< 50 Deg. F.]			G ^
M	P1714	SHIFT SOLENOID "A" INDUCTIVE SIGNATURE			G *
M	P1715	SHIFT SOLENOID "B" INDUCTIVE SIGNATURE			G *
M	P1716	SHIFT SOLENOID "C" INDUCTIVE SIGNATURE			G *
M	P1717	SHIFT SOLENOID "D" INDUCTIVE SIGNATURE			G *
O/D	P1718	TRANSMISSION FLUID TEMPERATURE SENSOR IN RANGE FAILURE [> 250 Deg. F.]			G ^
M	P1719	ENGINE TORQUE SIGNAL			G
M	P171A	SHIFT FORK "A" STUCK, MOVEMENT ON SHIFT FORK "B"			
M	P171B	SHIFT FORK "A" STUCK, MOVEMENT ON SHIFT FORK "C"			
M	P171C	SHIFT FORK "B" STUCK, MOVEMENT ON SHIFT FORK "C"			
M	P171D	SHIFT FORK "B" STUCK, MOVEMENT ON SHIFT FORK "D"			
M	P171E	SHIFT FORK "C" STUCK, MOVEMENT ON SHIFT FORK "A"			
M	P171F	SHIFT FORK "C" STUCK, MOVEMENT ON SHIFT FORK "D"			
	P1720	VEHICLE SPEED (METER) CIRCUIT			G
	P1721	GEAR 1 INCORRECT RATIO			G
	P1722	GEAR 2 INCORRECT RATIO			G

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
	P1723	GEAR 3 INCORRECT RATIO			G
	P1724	GEAR 4 INCORRECT RATIO			G
	P1725	INSUFFICIENT ENGINE SPEED INCREASE DURING SELF-TEST			
	P1726	INSUFFICIENT ENGINE SPEED DECREASE DURING SELF-TEST			
O/D	P1727	COAST CLUTCH SOLENOID INDUCTIVE SIGNATURE			G ^
O/D	P1728	TRANSMISSION SLIP			G ^
O/D	P1729	4x4L SWITCH			G ^
M	P172A	SHIFT FORK "D" STUCK, MOVEMENT ON SHIFT FORK "B"			
M	P172B	SHIFT FORK "D" STUCK, MOVEMENT ON SHIFT FORK "C"			
M	P172C	SHIFT FORK "A" / "B" DIRECTION CONTROL VALVE STUCK ON			
M	P172D	SHIFT FORK "A" / "B" DIRECTION CONTROL VALVE STUCK OFF			
M	P172E	SHIFT FORK "C" / "D" DIRECTION CONTROL VALVE STUCK ON			
M	P172F	SHIFT FORK "C" / "D" DIRECTION CONTROL VALVE STUCK OFF			
	P1731	1-2 SHIFT MALFUNCTION			G
	P1732	2-3 SHIFT MALFUNCTION			G
	P1733	3-4 SHIFT MALFUNCTION			G
	P1735	FIRST GEAR SWITCH CIRCUIT FAILURE			G
	P1736	SECOND GEAR SWITCH CIRCUIT FAILURE			G
	P1737	LOCKUP SOLENOID			G
	P1738	SHIFT TIME ERROR			G
	P1739	SLIP SOLENOID			G
M	P1740	TORQUE CONVERTER CLUTCH (TCC) SOLENOID INDUCTIVE SIGNATURE			G *
	P1741	TORQUE CONVERTER CLUTCH (TCC) SOLENOID CONTROL ERROR			G
	P1741	TORQUE CONVERTER SOLENOID CIRCUIT OPEN			G
M	P1742	TORQUE CONVERTER CLUTCH (TCC) SOLENOID CIRCUIT FAILED ON			G *
	P1742	TORQUE CONVERTER SOLENOID CIRCUIT SHORT			G
O/D	P1743	TORQUE CONVERTER CLUTCH (TCC) SOLENOID CIRCUIT FAILED ON			G ^
	P1743	TORQUE CONVERTER CLUTCH SOLENOID CIRCUIT			G
M W O/D	P1744	TORQUE CONVERTER CLUTCH (TCC) SOLENOID CIRCUIT PERFORMANCE			G * + ^
	P1744	TORQUE CONVERTER CLUTCH SOLENOID CIRCUIT			G

2014 OBD-II 5 DIGIT CODE INTERPRETATION

Indicator Light	CODE		Spark Ignition		
			KOEO	KOER	CONT
	P1745	LINE PRESSURE SOLENOID			G
O/D	P1746	PRESSURE CONTROL SOLENOID "A" OPEN CIRCUIT	G		G ^
M O/D	P1747	PRESSURE CONTROL SOLENOID "A" SHORT CIRCUIT	G		G * ^
O/D	P1748	PRESSURE CONTROL SOLENOID "A"			G
	P1749	PRESSURE CONTROL SOLENOID "A" FAILED LOW			G
	P174E	OUTPUT SHAFT SPEED / ABS WHEEL SPEED CORRELATION			G
	P174F	TRACTION CONTROL ENABLE / DISABLE SWITCH LAMP CIRCUIT			
	P1750	CLUTCH ADAPTIVE LEARNING NOT DONE			
O/D	P1751	SHIFT SOLENOID "A" PERFORMANCE			G ^
	P1751	SHIFT SOLENOID "A" CIRCUIT OPEN			G
	P1752	SHIFT SOLENOID "A" CIRCUIT SHORT			G
O/D	P1754	COAST CLUTCH SOLENOID CIRCUIT	G		G ^
O/D	P1756	SHIFT SOLENOID "B" PERFORMANCE			G ^
	P1756	SHIFT SOLENOID "B" CIRCUIT OPEN			G
	P1757	SHIFT SOLENOID "B" CIRCUIT SHORT			G
	P1759	2-4 BRAKE FAILSAFE VALVE MALFUNCTION			G
M	P175A	TRANSMISSION FLUID OVER TEMPERATURE - ELECTRIC TRANSMISSION FLUID PUMP DISABLED			G
	P175B	TRANSMISSION RANGE CONTROL MODULE SHIFT CABLE DISCONNECTED/MISADJUSTED			G
O/D	P1760	PRESSURE CONTROL SOLENOID A SHORT CIRCUIT INTERMITTENT			G ^
O/D	P1761	SHIFT SOLENOID "C" PERFORMANCE			G ^
M	P1762	OVERDRIVE BAND FAILED OFF			G *
	P1763	LOW AND REVERSE BRAKE PRESSURE SWITCH CIRCUIT			G
	P1764	LOW AND REVERSE BRAKE FAILSAFE VALVE MALFUNCTION			G
	P1765	TIMING SOLENOID CIRCUIT			G
O/D	P1766	SHIFT SOLENOID "D" PERFORMANCE			G ^
O/D	P1767	TORQUE CONVERTER CLUTCH CIRCUIT			G ^
	P1768	PERFORMANCE / NORMAL / WINTER MODE INPUT	G		G
	P176C	TRANSMISSION RANGE SELECTOR LOCK CONTROL ERROR			
	P1770	CLUTCH SOLENOID CIRCUIT			G
	P1771	THROTTLE POSITION SENSOR CIRCUIT HIGH			G

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
	P1772	THROTTLE POSITION SENSOR CIRCUIT LOW			G
	P1773	CAN LINK PCM / FUEL FIRED HEATER MALFUNCTION			
	P1775	TORQUE DOWN SIGNAL #1 CIRCUIT			G
	P1776	TORQUE DOWN SIGNAL #2 CIRCUIT			G
	P1777	TORQUE DOWN RESPONSE SIGNAL CIRCUIT			G
	P1779	TRANSMISSION CONTROL INDICATOR LIGHT (TCIL) CIRCUIT	G		G
	P177A	TRANSMISSION RANGE SELECT MOTOR			
	P177B	TRANSMISSION RANGE SELECT MOTOR CURRENT TOO HIGH			
	P177C	DEFAULT POSITION MOTOR			
	P177D	DEFAULT POSITION MOTOR CURRENT TOO HIGH			
	P177E	DEFAULT POSITION SENSOR RANGE / PERFORMANCE			
W	P177F	UNABLE TO FULLY ENGAGE NEUTRAL			G +
	P1780	TRANSMISSION CONTROL SWITCH (O/D CANCEL) CIRCUIT OUT OF SELF-TEST RANGE		G	G
	P1781	4x4L CIRCUIT OUT OF SELF-TEST RANGE	G		
	P1782	PERFORMANCE / ECONOMY SWITCH CIRCUIT OUT OF SELF-TEST RANGE		G	
W O/D	P1783	TRANSMISSION OVER TEMPERATURE CONDITION			G + ^
	P1784	TRANSMISSION MECHANICAL FAILURE - FIRST AND REVERSE			G
	P1785	TRANSMISSION MECHANICAL FAILURE - FIRST AND SECOND			G
	P1786	3-2 DOWNSHIFT ERROR			G
	P1787	2-1 DOWNSHIFT ERROR			G
O/D	P1788	PRESSURE CONTROL SOLENOID "B" OPEN CIRCUIT	G		G ^
O/D	P1789	PRESSURE CONTROL SOLENOID "B" SHORT CIRCUIT	G		G ^
	P1790	TP (MECHANICAL) CIRCUIT			G
	P1791	TP (ELECTRIC) CIRCUIT			G
	P1792	BAROMETER PRESSURE CIRCUIT			G
	P1793	INTAKE AIR VOLUME CIRCUIT	G	G	G
	P1794	BATTERY VOLTAGE CIRCUIT			G
M	P1795	INCONSISTENT CAN LEVEL	G	G	G *
	P1795	IDLE SWITCH CIRCUIT			G
	P1796	KICK DOWN SWITCH CIRCUIT			G

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
	P1797	CLUTCH PEDAL POSITION SWITCH / NEUTRAL SWITCH CIRCUIT			G
	P1798	COOLANT TEMPERATURE CIRCUIT			G
	P1799	HOLD SWITCH CIRCUIT			G
M	P179A	CAN ECM / TURBOCHARGER BOOST CONTROL "A" ACTUATOR CIRCUIT MALFUNCTION			
M	P179B	CAN ECM / TURBOCHARGER BOOST CONTROL "A" ACTUATOR CIRCUIT - INVALID DATA RECEIVED			
	P1800	TRANSMISSION CLUTCH INTERLOCK SAFETY SWITCH CIRCUIT FAILURE	G	G	G
	P1801	TRANSMISSION CLUTCH INTERLOCK SAFETY SWITCH OPEN CIRCUIT	G	G	G
	P1802	TRANSMISSION CLUTCH INTERLOCK SAFETY SWITCH SHORT CIRCUIT TO BATTERY	G	G	G
	P1803	TRANSMISSION CLUTCH INTERLOCK SAFETY SWITCH SHORT CIRCUIT TO GROUND	G	G	G
	P1804	4-WHEEL DRIVE HIGH INDICATOR CIRCUIT FAILURE	G	G	G
	P1805	4-WHEEL DRIVE HIGH INDICATOR OPEN CIRCUIT	G	G	G
	P1806	4-WHEEL DRIVE HIGH INDICATOR SHORT CIRCUIT TO BATTERY	G	G	G
	P1807	4-WHEEL DRIVE HIGH INDICATOR SHORT CIRCUIT TO GROUND	G	G	G
	P1808	4-WHEEL DRIVE LOW INDICATOR CIRCUIT FAILURE	G	G	G
	P1809	4-WHEEL DRIVE LOW INDICATOR OPEN CIRCUIT	G	G	G
	P1810	4-WHEEL DRIVE LOW INDICATOR SHORT CIRCUIT TO BATTERY	G	G	G
	P1811	4-WHEEL DRIVE LOW INDICATOR SHORT CIRCUIT TO GROUND	G	G	G
	P1812	4-WHEEL DRIVE MODE SELECT CIRCUIT FAILURE	G	G	G
	P1813	4-WHEEL DRIVE MODE SELECT OPEN CIRCUIT	G	G	G
	P1814	4-WHEEL DRIVE MODE SELECT SHORT CIRCUIT TO BATTERY	G	G	G
	P1815	4-WHEEL DRIVE MODE SELECT SHORT CIRCUIT TO GROUND	G	G	G
	P1816	TRANSMISSION NEUTRAL SAFETY SWITCH CIRCUIT FAILURE	G	G	G
	P1817	TRANSMISSION NEUTRAL SAFETY SWITCH OPEN CIRCUIT	G	G	G
	P1818	TRANSMISSION NEUTRAL SAFETY SWITCH SHORT CIRCUIT TO BATTERY	G	G	G
	P1819	TRANSMISSION NEUTRAL SAFETY SWITCH SHORT CIRCUIT TO GROUND	G	G	G
	P181F	CLUTCH CONTROL SYSTEM PERFORMANCE	G	G	G
	P1820	TRANSFER CASE CLOCKWISE SHIFT RELAY COIL CIRCUIT FAILURE	G	G	G
	P1821	TRANSFER CASE CLOCKWISE SHIFT RELAY COIL OPEN CIRCUIT	G	G	G
	P1822	TRANSFER CASE CLOCKWISE SHIFT RELAY COIL SHORT CIRCUIT TO BATTERY	G	G	G
	P1823	TRANSFER CASE CLOCKWISE SHIFT RELAY COIL SHORT CIRCUIT TO GROUND	G	G	G

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
	P1824	4-WHEEL DRIVE CLUTCH RELAY CIRCUIT FAILURE	G	G	G
	P1825	4-WHEEL CIRCUIT RELAY OPEN CIRCUIT	G	G	G
	P1826	4-WHEEL DRIVE LOW CIRCUIT RELAY CIRCUIT TO BATTERY	G	G	G
	P1827	4-WHEEL DRIVE LOW CLUTCH RELAY CIRCUIT TO GROUND	G	G	G
	P1828	TRANSFER CASE COUNTER CLOCKWISE SHIFT RELAY COIL CIRCUIT FAILURE	G	G	G
	P1829	TRANSFER CASE COUNTER CLOCKWISE SHIFT RELAY COIL OPEN CIRCUIT	G	G	G
	P182A	TRANSFER CASE FLUID TEMPERATURE SENSOR CIRCUIT	G	G	G
	P182B	TRANSFER CASE FLUID TEMPERATURE SENSOR CIRCUIT RANGE / PERFORMANCE			G
	P182C	TRANSFER CASE FLUID TEMPERATURE SENSOR CIRCUIT LOW	G	G	G
	P182D	TRANSFER CASE FLUID TEMPERATURE SENSOR CIRCUIT HIGH	G	G	G
	P182E	TRANSFER CASE FLUID TEMPERATURE SENSOR CIRCUIT INTERMITTENT	G	G	G
	P1830	TRANSFER CASE COUNTER CLOCKWISE SHIFT RELAY COIL SHORT CIRCUIT TO BATTERY	G	G	G
	P1831	TRANSFER CASE COUNTER CLOCKWISE SHIFT RELAY COIL SHORT CIRCUIT TO GROUND	G	G	G
	P1832	TRANSFER CASE DIFFERENTIAL LOCK-UP SOLENOID CIRCUIT FAILURE	G	G	G
	P1833	TRANSFER CASE DIFFERENTIAL LOCK-UP SOLENOID OPEN CIRCUIT	G	G	G
	P1834	TRANSFER CASE DIFFERENTIAL LOCK-UP SOLENOID SHORT CIRCUIT TO BATTERY	G	G	G
	P1835	TRANSFER CASE DIFFERENTIAL LOCK-UP SOLENOID SHORT CIRCUIT TO GROUND	G	G	G
	P1836	TRANSFER CASE FRONT SHAFT SPEED SENSOR CIRCUIT FAILURE	G	G	G
	P1837	TRANSFER CASE REAR SHAFT SPEED SENSOR CIRCUIT FAILURE	G	G	G
	P1838	TRANSFER CASE SHIFT MOTOR CIRCUIT FAILURE	G	G	G
	P1839	TRANSFER CASE SHIFT MOTOR OPEN CIRCUIT	G	G	G
	P183C	TRANSFER CASE COOLING FAN CONTROL CIRCUIT	G	G	G
	P183D	TRANSFER CASE FLUID OVER TEMPERATURE			G
	P183E	DIFFERENTIAL OIL OVER TEMPERATURE			G
	P183F	DRIVELINE COOLING PUMP CONTROL CIRCUIT	G	G	G
	P1840	TRANSFER CASE SHIFT MOTOR SHORT CIRCUIT TO BATTERY	G	G	G
	P1841	TRANSFER CASE SHIFT MOTOR SHORT CIRCUIT TO GROUND	G	G	G
	P1842	TRANSFER CASE DIFFERENTIAL LOCK-UP FEEDBACK SWITCH CIRCUIT FAILURE	G	G	G
	P1843	TRANSFER CASE DIFFERENTIAL LOCK-UP FEEDBACK SWITCH OPEN CIRCUIT	G	G	G
	P1844	TRANSFER CASE DIFFERENTIAL LOCK-UP FEEDBACK SWITCH SHORT CIRCUIT TO BATTERY	G	G	G

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
	P1845	TRANSFER CASE DIFFERENTIAL LOCK-UP FEEDBACK SWITCH SHORT CIRCUIT TO GROUND	G	G	G
	P1846	TRANSFER CASE CONTACT PLATE "A" CIRCUIT FAILURE	G	G	G
	P1847	TRANSFER CASE CONTACT PLATE "A" OPEN CIRCUIT	G	G	G
	P1848	TRANSFER CASE CONTACT PLATE "A" SHORT CIRCUIT TO BATTERY	G	G	G
	P1849	TRANSFER CASE CONTACT PLATE "A" SHORT CIRCUIT TO GROUND	G	G	G
	P1850	TRANSFER CASE CONTACT PLATE "B" CIRCUIT FAILURE	G	G	G
	P1851	TRANSFER CASE CONTACT PLATE "B" OPEN CIRCUIT	G	G	G
	P1852	TRANSFER CASE CONTACT PLATE "B" SHORT CIRCUIT TO BATTERY	G	G	G
	P1853	TRANSFER CASE CONTACT PLATE "B" SHORT CIRCUIT TO GROUND	G	G	G
	P1854	TRANSFER CASE CONTACT PLATE "C" CIRCUIT FAILURE	G	G	G
	P1855	TRANSFER CASE CONTACT PLATE "C" OPEN CIRCUIT	G	G	G
	P1856	TRANSFER CASE CONTACT PLATE "C" SHORT CIRCUIT TO BATTERY	G	G	G
	P1857	TRANSFER CASE CONTACT PLATE "C" SHORT CIRCUIT TO GROUND	G	G	G
	P1858	TRANSFER CASE CONTACT PLATE "D" CIRCUIT FAILURE	G	G	G
	P1859	TRANSFER CASE CONTACT PLATE "D" OPEN CIRCUIT	G	G	G
	P185A	DIFFERENTIAL LOCK-UP INPUT SWITCH CIRCUIT HIGH	G	G	G
	P185B	DIFFERENTIAL LOCK-UP INDICATOR CIRCUIT LOW	G	G	G
	P185C	DIFFERENTIAL LOCK-UP INDICATOR CIRCUIT HIGH	G	G	G
	P185D	DIFFERENTIAL LOCK-UP CONTROL CIRCUIT PERFORMANCE	G	G	G
	P1860	TRANSFER CASE CONTACT PLATE "D" SHORT CIRCUIT TO BATTERY	G	G	G
	P1861	TRANSFER CASE CONTACT PLATE "D" SHORT CIRCUIT TO GROUND	G	G	G
	P1862	TRANSFER CASE CONTACT PLATE POWER CIRCUIT FAILURE	G	G	G
	P1863	TRANSFER CASE CONTACT PLATE POWER OPEN CIRCUIT	G	G	G
	P1864	TRANSFER CASE CONTACT PLATE POWER SHORT TO BATTERY	G	G	G
	P1865	TRANSFER CASE CONTACT PLATE POWER SHORT TO GROUND	G	G	G
	P1866	TRANSFER CASE SYSTEM CONCERN - SERVICING REQUIRED	G	G	G
	P1867	TRANSFER CASE CONTACT PLATE GENERAL CIRCUIT FAILURE	G	G	G
	P1868	4-WHEEL DRIVE INDICATOR (LAMP) CIRCUIT FAILURE	G	G	G
	P1869	4-WHEEL DRIVE INDICATOR (LAMP) CIRCUIT SHORT TO BATTERY	G	G	G
M	P186D	CLUTCH ACTUATOR STUCK			

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
	P186E	DIFFERENTIAL OIL FILTER LEAKAGE			G
	P186F	DIFFERENTIAL CONTROL MODULE - SOFTWARE INCOMPATIBILITY			G
	P1870	MECHANICAL TRANSFER CASE 4x4 SWITCH CIRCUIT FAILURE	G	G	G
	P1871	MECHANICAL TRANSFER CASE 4x4 SWITCH CIRCUIT SHORT TO BATTERY	G	G	G
	P1872	MECHANICAL 4-WHEEL DRIVE AXLE LOCK LAMP CIRCUIT FAILURE	G	G	G
	P1873	MECHANICAL 4-WHEEL DRIVE AXLE LOCK LAMP CIRCUIT SHORT TO BATTERY	G	G	G
	P1874	TRANSFER CASE HALL EFFECT SENSOR POWER CIRCUIT FAILURE	G	G	G
	P1875	TRANSFER CASE HALL EFFECT SENSOR POWER CIRCUIT SHORT TO BATTERY	G	G	G
	P1876	TRANSFER CASE 2-WHEEL DRIVE SOLENOID CIRCUIT FAILURE	G	G	G
	P1877	TRANSFER CASE 2-WHEEL DRIVE SOLENOID CIRCUIT SHORT TO BATTERY	G	G	G
	P1878	TRANSFER CASE DISENGAGED SOLENOID CIRCUIT FAILURE	G	G	G
	P1879	TRANSFER CASE DISENGAGED SOLENOID OPEN CIRCUIT	G	G	G
	P187A	TRANSFER CASE CONTROL MODULE SYSTEM VOLTAGE LOW - REAR LOCKING DIFFERENTIAL DISABLED			G
	P187B	TIRE SIZE OUT OF ACCEPTABLE RANGE - AWD DISABLED / LIMITED FUNCTION			G
	P1880	TRANSFER CASE DISENGAGED SOLENOID SHORT TO BATTERY	G	G	G
	P1881	ENGINE COOLANT LEVEL SWITCH CIRCUIT	G	G	G
	P1882	ENGINE COOLANT LEVEL SWITCH CIRCUIT SHORT TO GROUND			G
	P1883	ENGINE COOLANT LEVEL SWITCH CIRCUIT			G
	P1884	ENGINE COOLANT LEVEL LAMP CIRCUIT SHORT TO GROUND			G
	P1885	TRANSFER CASE DISENGAGED SOLENOID SHORT TO GROUND	G	G	G
	P1886	4x4 INITIALIZATION FAILURE	G	G	G
	P1887	4-WHEEL DRIVE CONTROL SOLENOID CIRCUIT FAILURE			G
	P1888	DIFFERENTIAL OIL TEMPERATURE SENSOR CIRCUIT FAILURE	G	G	G
	P1889	OIL PRESSURE PUMP PERFORMANCE	G		G
	P188A	DIFFERENTIAL OIL TEMPERATURE TOO HIGH / TOO LOW			G
	P188B	ALL WHEEL DRIVE CLUTCH CONTROL CIRCUIT	G	G	G
	P188C	ALL WHEEL DRIVE RELAY MODULE COMMUNICATION CIRCUIT	G	G	G
	P188D	ALL WHEEL DRIVE RELAY MODULE FEEDBACK CIRCUIT	G	G	G
	P188E	OIL PRESSURE PUMP CONTROL CIRCUIT			G
	P1890	4-WHEEL DRIVE MODE SELECT RETURN INPUT CIRCUIT FAILURE	G	G	G

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
	P1891	TRANSFER CASE CONTACT PLATE GROUND RETURN OPEN CIRCUIT	G	G	G
	P1900	OUTPUT SHAFT SPEED SENSOR CIRCUIT INTERMITTENT			G
	P1901	TURBINE SHAFT SPEED SENSOR CIRCUIT INTERMITTENT			G
	P1902	KICKDOWN SOLENOID RELAY CONTROL CIRCUIT (Allison)			
	P1903	KICKDOWN SOLENOID CIRCUIT LOW VOLTAGE			
	P1904	KICKDOWN SOLENOID CIRCUIT HIGH VOLTAGE			
	P1905	CONTROL MODULE CONFIGURED FOR END-OF-LINE TEST MODE			
W	P1910	REVERSE LAMP CONTROL CIRCUIT / OPEN	G		G +
	P1911	REVERSE LAMP CONTROL CIRCUIT LOW			G
	P1912	REVERSE LAMP CONTROL CIRCUIT HIGH			G
	P1919	ENGINE COOLANT TEMPERATURE SIGNAL			G
M	P1920	ENGINE SPEED SIGNAL			G
	P1921	TRANSMISSION RANGE SIGNAL			G
M	P1934	VEHICLE SPEED SIGNAL			G *
	P1935	BRAKE SWITCH / SENSOR SIGNAL	G	G	G
M	P193B	THROTTLE / PEDAL SIGNAL			G *
	P193C	STEERING WHEEL ANGLE SIGNAL		G	G
	P193D	CRUISE CONTROL MULTI-FUNCTION INPUT SIGNAL		G	G
	P193E	A/C CLUTCH REQUEST SIGNAL		G	G
	P193F	VEHICLE SPEED SIGNAL INTERMITTENT			G
	P1A02	TRANSMISSION ONE WAY CLUTCH PERFORMANCE			
	P1A03	DRIVE MOTOR A SHUTDOWN CIRCUIT			
	P1A04	GENERATOR SHUTDOWN CIRCUIT			
	P1A05	DESIRED ENGINE SPEED SIGNAL			
	P1A06	VEHICLE MODE SIGNAL			
M	P1A07	INVERTER HIGH VOLTAGE PERFORMANCE			
M	P1A08	GENERATOR MODE SIGNAL			
M	P1A0A	IMMEDIATE SHUTDOWN SIGNAL "A"			G
M	P1A0C	HYBRID POWERTRAIN CONTROL MODULE - ENGINE DISABLED			G
M	P1A0D	HYBRID POWERTRAIN CONTROL MODULE - GENERATOR DISABLED			G

2014 OBD-II 5 DIGIT CODE INTERPRETATION

Indicator Light	CODE		Spark Ignition		
			KOEO	KOER	CONT
M	P1A0E	HYBRID POWERTRAIN CONTROL MODULE - MOTOR DISABLED			G
M	P1A0F	HYBRID POWERTRAIN CONTROL MODULE - VEHICLE DISABLED			G
M	P1A10	HYBRID POWERTRAIN CONTROL MODULE - BATTERY DISABLED			G
	P1A11	HYBRID POWERTRAIN CONTROL MODULE - ONE WAY CLUTCH DISABLED			G
	P1A12	HYBRID POWERTRAIN CONTROL MODULE - GENERATOR BRAKE DISABLED			G
M	P1A13	HYBRID POWERTRAIN CONTROL MODULE - REGENERATIVE BRAKING DISABLED			G
	P1A14	HYBRID POWERTRAIN CONTROL MODULE - TRANSMISSION DISABLED			G
	P1A15	IMMEDIATE SHUTDOWN SIGNAL "B"			G
M	P1A16	VARIABLE VOLTAGE CONTROLLER VOLTAGE CONTROL CIRCUIT			G
M W	P1A17	VARIABLE VOLTAGE CONTROLLER PROCESSOR			G
M	P1A18	VARIABLE VOLTAGE CONTROLLER INDUCTOR TEMPERATURE SENSOR CIRCUIT			G
M	P1A19	VARIABLE VOLTAGE CONTROLLER DRIVER TEMPERATURE SENSOR CIRCUIT			G
	P1A1A	VARIABLE VOLTAGE CONTROLLER OVER TEMPERATURE			G
M W	P1A1B	BRAKE SYSTEM CONTROL MODULE - FORCED ENGINE RUNNING			G *
	P1A1C	HYBRID BATTERY "A" POWER SWITCHING RELAY PERFORMANCE			G
	P1A1D	HYBRID BATTERY "B" POWER SWITCHING RELAY PERFORMANCE			G
	P1A1E	HYBRID / EV BATTERY CONTACTOR CONTROL SIGNAL			G
	P1A1F	HYBRID / EV BATTERY INTERPACK CONTACTOR "A" CONTROL CIRCUIT / OPEN			G
	P1A21	HYBRID / EV BATTERY INTERPACK CONTACTOR "A" CONTROL CIRCUIT HIGH			G
	P1A22	HYBRID / EV BATTERY INTERPACK CONTACTOR "A" STUCK CLOSED			G
	P1A23	HYBRID / EV BATTERY INTERPACK CONTACTOR "A" STUCK OPEN			G
	P1A24	HYBRID / EV BATTERY INTERPACK CONTACTOR "B" CONTROL CIRCUIT / OPEN			G
	P1A26	HYBRID / EV BATTERY INTERPACK CONTACTOR "B" CONTROL CIRCUIT HIGH			G
	P1A27	HYBRID / EV BATTERY INTERPACK CONTACTOR "B" STUCK CLOSED			G
	P1A28	HYBRID / EV BATTERY INTERPACK CONTACTOR "B" STUCK OPEN			G
	P1A29	HIGH VOLTAGE SERVICE DISCONNECT "B" OPEN			G
	P1A2A	HYBRID / EV BATTERY CHARGING DISABLED - LOSS OF VEHICLE COMMUNICATION			G *
	P1A2B	A/C REFRIGERANT DISTRIBUTION VALVE "B" CONTROL CIRCUIT / OPEN			G
	P1A2C	A/C REFRIGERANT DISTRIBUTION VALVE "B" CONTROL CIRCUIT LOW			G
	P1A2D	A/C REFRIGERANT DISTRIBUTION VALVE "B" CONTROL CIRCUIT HIGH			G

2014 OBD-II 5 DIGIT CODE INTERPRETATION

Indicator Light	CODE		Spark Ignition		
			KOEO	KOER	CONT
	P1A2F	BATTERY CHARGER FRESH AIR DOOR CONTROL CIRCUIT LOW			
	P1A30	BATTERY CHARGER FRESH AIR DOOR CONTROL CIRCUIT HIGH			
	P1A31	BATTERY CHARGER FRESH AIR DOOR STUCK OPEN			
	P1A32	BATTERY CHARGER FRESH AIR DOOR STUCK CLOSED			
	P1A33	BATTERY CHARGER FRESH AIR DOOR PERFORMANCE			
	P1A36	BATTERY CHARGER FRESH AIR DOOR POSITION CIRCUIT LOW			
	P1A37	BATTERY CHARGER FRESH AIR DOOR POSITION CIRCUIT HIGH			
M	P1A39	HYBRID / EV BATTERY TEMPERATURE SENSOR SYSTEM - MULTIPLE SENSOR CORRELATION			
M	P1A3A	HYBRID / EV BATTERY PACK VOLTAGE SENSE SYSTEM - MULTIPLE SENSOR CORRELATION			
M	P2002	DIESEL PARTICULATE FILTER EFFICIENCY BELOW THRESHOLD (Bank 1)			
M	P2004	INTAKE MANIFOLD RUNNER CONTROL STUCK OPEN (Bank 1)	G	G	G *
M	P2005	INTAKE MANIFOLD RUNNER CONTROL STUCK OPEN (Bank 2)			G *
M	P2006	INTAKE MANIFOLD RUNNER CONTROL STUCK CLOSED (Bank 1)	G	G	G *
	P2007	INTAKE MANIFOLD RUNNER CONTROL STUCK CLOSED (Bank 2)			G
M	P2008	INTAKE MANIFOLD RUNNER CONTROL CIRCUIT / OPEN (Bank 1)	G	G	G *
M	P2009	INTAKE MANIFOLD RUNNER CONTROL CIRCUIT LOW (Bank1)			G *
	P200C	PARTICULATE FILTER OVER TEMPERATURE (Bank 1)			
M	P200E	CATALYST SYSTEM OVER TEMPERATURE (Bank 1)			
M	P2010	INTAKE MANIFOLD RUNNER CONTROL CIRCUIT HIGH (Bank1)			G *
M	P2014	INTAKE MANIFOLD RUNNER POSITION SENSOR / SWITCH CIRCUIT (Bank 1)	G	G	G *
M	P2015	INTAKE MANIFOLD RUNNER POSITION SENSOR / SWITCH CIRCUIT RANGE / PERFORM (Bank 1)			G *
M	P2016	INTAKE MANIFOLD RUNNER POSITION SENSOR / SWITCH CIRCUIT LOW (Bank 1)			G *
M	P2017	INTAKE MANIFOLD RUNNER POSITION SENSOR / SWITCH CIRCUIT HIGH (Bank 1)			G *
M	P2019	INTAKE MANIFOLD RUNNER POSITION SENSOR / SWITCH CIRCUIT (Bank 2)	G	G	G *
M	P2020	INTAKE MANIFOLD RUNNER POSITION SENSOR / SWITCH CIRCUIT RANGE / PERFORM (Bank 2)	G	G	G *
M	P2025	EVAPORATIVE EMISSIONS (EVAP) FUEL VAPOR TEMPERATURE SENSOR CIRCUIT PERFORMANCE		G	G *
M	P2026	EVAPORATIVE EMISSIONS (EVAP) FUEL VAPOR TEMPERATURE SENSOR CIRCUIT LOW VOLTAGE		G	G *
M	P2027	EVAPORATIVE EMISSIONS (EVAP) FUEL VAPOR TEMPERATURE SENSOR CIRCUIT HIGH VOLTAGE		G	G *
	P2029	FUEL FIRED HEATER DISABLED			
	P202D	REDUCTANT LEAKAGE			

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
	P202E	REDUCTANT INJECTION VALVE CIRCUIT RANGE / PERFORMANCE (Bank 1 Unit 1)			
	P2030	FUEL FIRED HEATER PERFORMANCE			
M	P2031	EXHAUST GAS TEMPERATURE SENSOR CIRCUIT - Bank 1 Sensor 1			
M	P2032	EXHAUST GAS TEMPERATURE SENSOR CIRCUIT LOW - Bank 1 Sensor 2			
M	P2033	EXHAUST GAS TEMPERATURE SENSOR CIRCUIT HIGH - Bank 1 Sensor 2			
	P203A	REDUCTANT LEVEL SENSOR "A" CIRCUIT			
	P203B	REDUCTANT LEVEL SENSOR "A" CIRCUIT RANGE / PERFORMANCE			
M	P203C	REDUCTANT LEVEL SENSOR "A" CIRCUIT LOW			
M	P203D	REDUCTANT LEVEL SENSOR "A" CIRCUIT HIGH			
	P203E	REDUCTANT LEVEL SENSOR "A" CIRCUIT INTERMITTENT / ERRATIC			
M	P203F	REDUCTANT LEVEL TOO LOW			
M	P2043	REDUCTANT TEMPURATURE SENSOR "A" CIRCUIT RANGE / PERFORMANCE			
M	P2047	REDUCTANT INJECTION VALVE CIRCUIT / OPEN (Bank 1 Unit 1)			
M	P2048	REDUCTANT INJECTION VALVE CIRCUIT LOW (Bank 1 Unit 1)			
M	P2049	REDUCTANT INJECTION VALVE CIRCUIT HIGH (Bank 1 Unit 1)			
M	P204B	REDUCTANT PRESSURE SENSOR CIRCUIT RANGE / PERFORMANCE			
M	P204C	REDUCTANT PRESSURE SENSOR CIRCUIT LOW			
M	P204D	REDUCTANT PRESSURE SENSOR CIRCUIT HIGH			
	P204E	REDUCTANT PRESSURE SENSOR CIRCUIT INTERMITTENT / ERRATIC			
M	P204F	REDUCTANT SYSTEM PERFORMANCE (Bank 1)			
M	P205C	REDUCTANT TANK TEMPURATURE SENSOR CIRCUIT LOW			
M	P205D	REDUCTANT TANK TEMPURATURE SENSOR CIRCUIT HIGH			
	P205E	REDUCTANT TANK TEMPERATURE SENSOR CIRCUIT INTERMITTENT / ERRATIC			
M	P2065	FUEL LEVEL SENSOR "B" CIRCUIT	G	G	G *
M	P2066	FUEL LEVEL SENSOR "B" CIRCUIT RANGE / PERFORMANCE	G	G	G *
M	P2067	FUEL LEVEL SENSOR "B" CIRCUIT LOW	G	G	G *
M	P2068	FUEL LEVEL SENSOR "B" CIRCUIT HIGH	G	G	G *
	P2070	INTAKE MANIFOLD TUNING VALVE (IMTV) STUCK OPEN (Bank 1)		G	G
	P2071	INTAKE MANIFOLD TUNING VALVE (IMTV) STUCK CLOSED (Bank 1)		G	G
W	P2072	THROTTLE ACTUATOR CONTROL SYSTEM - ICE BLOCKAGE - BANK 1			G +

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
M	P2073	MANIFOLD ABSOLUTE PRESSURE / MASS AIR FLOW - THROTTLE POSITION CORRELATION AT IDLE			
M	P2074	MANIFOLD ABSOLUTE PRESSURE / MASS AIR FLOW - THROTTLE POSITION CORRELATION AT HIGHER LOAD			
	P2077	INTAKE MANIFOLD TUNING VALVE POSITION SENSOR / SWITCH CIRCUIT LOW (Bank 1)	G	G	G
	P2078	INTAKE MANIFOLD TUNING VALVE POSITION SENSOR / SWITCH CIRCUIT HIGH (Bank 1)	G	G	G
M	P2079	INTAKE AIR SYSTEM LEAK			G *
M	P207F	REDUCTANT QUALITY PERFORMANCE			
M	P2080	EXHAUST GAS TEMPERATURE SENSOR CIRCUIT RANGE / PERFORMANCE - Bank 1 Sensor 1			
	P2081	EXHAUST GAS TEMPERATURE SENSOR CIRCUIT INTERMITTENT - Bank 1 Sensor 1			
M	P2082	EXHAUST GAS TEMPERATURE SENSOR CIRCUIT RANGE / PERFORMANCE - Bank 2 Sensor 1			
M	P2083	EXHAUST GAS TEMPERATURE SENSOR CIRCUIT INTERMITTENT - Bank 2 Sensor 1			
M	P2084	EXHAUST GAS TEMPERATURE SENSOR CIRCUIT RANGE / PERFORMANCE - Bank 1 Sensor 2			
	P2085	EXHAUST GAS TEMPERATURE SENSOR CIRCUIT INTERMITTENT - Bank 1 Sensor 2			
M	P2088	(A) CAMSHAFT POSITION ACTUATOR CONTROL CIRCUIT LOW (Bank 1)	G	G	G *
M	P2089	(A) CAMSHAFT POSITION ACTUATOR CONTROL CIRCUIT HIGH (Bank 1)	G	G	G *
M	P208A	REDUCTANT PUMP "A" CONTROL CIRCUIT / OPEN			
M	P208B	REDUCTANT PUMP "A" PERFORMANCE / STUCK OFF			
M	P208C	REDUCTANT PUMP "A" CONTROL CIRCUIT LOW			
M	P208D	REDUCTANT PUMP "A" CONTROL CIRCUIT HIGH			
M	P208E	REDUCTANT INJECTION VALVE STUCK CLOSED (Bank 1 Unit 1)			
M	P2090	"B" CAMSHAFT POSITION ACTUATOR CONTROL CIRCUIT LOW (Bank 1)	G	G	G *
M	P2091	"B" CAMSHAFT POSITION ACTUATOR CONTROL CIRCUIT HIGH (Bank 1)	G	G	G *
M	P2092	"A" CAMSHAFT POSITION ACTUATOR CONTROL CIRCUIT LOW (Bank 2)			G *
M	P2093	"A" CAMSHAFT POSITION ACTUATOR CONTROL CIRCUIT HIGH (Bank 2)			G *
M	P2094	"B" CAMSHAFT POSITION ACTUATOR CONTROL CIRCUIT LOW (Bank 2)			G *
M	P2095	"B" CAMSHAFT POSITION ACTUATOR CONTROL CIRCUIT HIGH (Bank 2)			G *
M	P2096	POST CATALYST FUEL TRIM SYSTEM TOO LEAN (Bank 1)		G	G *
M	P2097	POST CATALYST FUEL TRIM SYSTEM TOO RICH (Bank 1)		G	G *
M	P2098	POST CATALYST FUEL TRIM SYSTEM TOO LEAN (Bank 2)			G *
M	P2099	POST CATALYST FUEL TRIM SYSTEM TOO RICH (Bank 2)			G *
M	P209F	REDUCTANT TANK HEATER CONTROL PERFORMANCE			

2014 OBD-II 5 DIGIT CODE INTERPRETATION

Indicator Light	CODE		Spark Ignition		
			KOEO	KOER	CONT
M	P20A0	REDUCTANT PURGE CONTROL VALVE "A" CIRCUIT / OPEN			
M	P20A1	REDUCTANT PURGE CONTROL VALVE "A" PERFORMANCE			
M	P20A2	REDUCTANT PURGE CONTROL VALVE "A" CIRCUIT LOW			
M	P20A3	REDUCTANT PURGE CONTROL VALVE "A" CIRCUIT HIGH			
M	P20B9	REDUCTANT HEATER "A" CONTROL CIRCUIT / OPEN			
M	P20BA	REDUCTANT HEATER "A" CONTROL PERFORMANCE			
M	P20BB	REDUCTANT HEATER "A" CONTROL CIRCUIT LOW			
M	P20BC	REDUCTANT HEATER "A" CONTROL CIRCUIT HIGH			
M	P20BD	REDUCTANT HEATER "B" CONTROL CIRCUIT / OPEN			
M	P20BE	REDUCTANT HEATER "B" CONTROL PERFORMANCE			
M	P20BF	REDUCTANT HEATER "B" CONTROL CIRCUIT LOW			
M	P20C0	REDUCTANT HEATER "B" CONTROL CIRCUIT HIGH			
M	P20C1	REDUCTANT HEATER "C" CONTROL CIRCUIT / OPEN			
M	P20C2	REDUCTANT HEATER "C" CONTROL PERFORMANCE			
M	P20C3	REDUCTANT HEATER "C" CONTROL CIRCUIT LOW			
M	P20C4	REDUCTANT HEATER "C" CONTROL CIRCUIT HIGH			
	P20E2	EXHAUST GAS TEMPERATURE SENSOR 1/2 CORRELATION (Bank 1)			
	P20E3	EXHAUST GAS TEMPERATURE SENSOR 1/3 CORRELATION (Bank 1)			
	P20E4	EXHAUST GAS TEMPERATURE SENSOR 2/3 CORRELATION (Bank 1)			
M	P20E8	REDUCTANT PRESSURE TOO LOW			
M	P20E9	REDUCTANT PRESSURE TOO HIGH			
M	P20EE	SCR NOx CATALYST EFFICIENCY BELOW THRESHOLD (Bank 1)			
M W	P2100	THROTTLE ACTUATOR "A" CONTROL MOTOR CIRCUIT / OPEN	G	G	G * +
M W	P2101	THROTTLE ACTUATOR "A" CONTROL MOTOR CIRCUIT RANGE / PERFORMANCE	G	G	G * +
M	P2102	THROTTLE ACTUATOR "A" CONTROL MOTOR CIRCUIT LOW	G	G	G *
M	P2103	THROTTLE ACTUATOR "A" CONTROL MOTOR CIRCUIT HIGH	G	G	G *
M W	P2104	THROTTLE ACTUATOR CONTROL SYSTEM - FORCED IDLE		G	G * +
M W	P2105	THROTTLE ACTUATOR CONTROL SYSTEM - FORCED ENGINE SHUTDOWN			G * +
M W	P2106	THROTTLE ACTUATOR CONTROL SYSTEM - FORCED LIMITED POWER			G * +
M W	P2107	THROTTLE ACTUATOR "A" CONTROL MODULE PROCESSOR			G * +

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
M	P2108	THROTTLE ACTUATOR "A" CONTROL MODULE PERFORMANCE			G *
M	P2109	THROTTLE / PEDAL POSITION SENSOR "A" MINIMUM STOP PERFORMANCE		G	G * +
M W	P2110	THROTTLE ACTUATOR "A" CONTROL SYSTEM - FORCED LIMITED RPM			G * +
M W	P2111	THROTTLE ACTUATOR "A" CONTROL SYSTEM - STUCK OPEN			G * +
M W	P2112	THROTTLE ACTUATOR "A" CONTROL SYSTEM - STUCK CLOSED			G * +
M W	P2118	THROTTLE ACTUATOR "A" CONTROL MOTOR CURRENT RANGE / PERFORMANCE	G	G	G * +
M W	P2119	THROTTLE ACTUATOR "A" CONTROL THROTTLE BODY RANGE / PERFORMANCE	G	G	G * +
	P2120	THROTTLE / PEDAL POSITION SENSOR / SWITCH "D" CIRCUIT			
M W	P2121	THROTTLE / PEDAL POSITION SENSOR / SWITCH "D" CIRCUIT RANGE / PERFORMANCE	G	G	G * +
M W	P2122	THROTTLE / PEDAL POSITION SENSOR / SWITCH "D" CIRCUIT LOW	G	G	G * +
M W	P2123	THROTTLE / PEDAL POSITION SENSOR / SWITCH "D" CIRCUIT HIGH	G	G	G * +
M	P2124	THROTTLE / PEDAL POSITION SENSOR / SWITCH "D" CIRCUIT INTERMITTENT	G	G	G *
	P2125	THROTTLE / PEDAL POSITION SENSOR / SWITCH "E" CIRCUIT			
M W	P2126	THROTTLE / PEDAL POSITION SENSOR / SWITCH "E" CIRCUIT RANGE / PERFORMANCE	G	G	G * +
M W	P2127	THROTTLE / PEDAL POSITION SENSOR / SWITCH "E" CIRCUIT LOW	G	G	G * +
M W	P2128	THROTTLE / PEDAL POSITION SENSOR / SWITCH "E" CIRCUIT HIGH	G	G	G * +
M	P2129	THROTTLE / PEDAL POSITION SENSOR / SWITCH "E" CIRCUIT INTERMITTENT	G	G	G *
	P2130	THROTTLE / PEDAL POSITION SENSOR / SWITCH "F" CIRCUIT			
	P2131	THROTTLE / PEDAL POSITION SENSOR / SWITCH "F" CIRCUIT RANGE / PERFORMANCE	G	G	G
M W	P2132	THROTTLE / PEDAL POSITION SENSOR / SWITCH "F" CIRCUIT LOW	G	G	G +
M W	P2133	THROTTLE / PEDAL POSITION SENSOR / SWITCH "F" CIRCUIT HIGH	G	G	G +
	P2134	THROTTLE / PEDAL POSITION SENSOR / SWITCH "F" CIRCUIT INTERMITTENT	G	G	G
M W	P2135	THROTTLE / PEDAL POSITION SENSOR / SWITCH "A" / "B" VOLTAGE CORRELATION			G * +
	P2136	THROTTLE / PEDAL POSITION SENSOR / SWITCH "A" / "C" VOLTAGE CORRELATION			
	P2137	THROTTLE / PEDAL POSITION SENSOR / SWITCH "B" / "C" VOLTAGE CORRELATION			
M W	P2138	THROTTLE / PEDAL POSITION SENSOR / SWITCH "D" / "E" VOLTAGE CORRELATION	G	G	G * +
W	P2139	THROTTLE / PEDAL POSITION SENSOR / SWITCH "D" / "F" VOLTAGE CORRELATION	G	G	G +
W	P2140	THROTTLE / PEDAL POSITION SENSOR / SWITCH "E" / "F" VOLTAGE CORRELATION	G	G	G +
M	P2144	EXHAUST GAS RECIRCULATION VENT CONTROL CIRCUIT LOW			G *
M	P2145	EXHAUST GAS RECIRCULATION VENT CONTROL CIRCUIT HIGH			G *

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
M	P215A	VEHICLE SPEED / WHEEL SPEED CORRELATION			
M	P215B	VEHICLE SPEED / OUTPUT SHAFT SPEED CORRELATION			
M W	P2163	THROTTLE / PEDAL POSITION SENSOR (A) MAXIMUM STOP PERFORMANCE	G	G	G +
M W	P2176	THROTTLE ACTUATOR (A) CONTROL SYSTEM - IDLE POSITION NOT LEARNED	G	G	G +
M	P2177	SYSTEM TOO LEAN OFF IDLE - Bank 1			G *
M	P2178	SYSTEM TOO RICH OFF IDLE - Bank 1			G *
M	P2179	SYSTEM TOO LEAN OFF IDLE - Bank 2			G *
M	P2180	SYSTEM TOO RICH OFF IDLE - Bank 2			G *
M	P2182	ENGINE COOLANT TEMPERATURE SENSOR 2 CIRCUIT			
M	P2183	ENGINE COOLANT TEMPERATURE SENSOR 2 CIRCUIT RANGE / PERFORMANCE			G *
M	P2184	ENGINE COOLANT TEMPERATURE SENSOR 2 CIRCUIT LOW	G	G	G *
M	P2185	ENGINE COOLANT TEMPERATURE SENSOR 2 CIRCUIT HIGH	G	G	G *
	P2186	ENGINE COOLANT TEMPERATURE SENSOR 2 CIRCUIT INTERMITTENT / ERRATIC	G	G	G
M	P2187	SYSTEM TOO LEAN AT IDLE - Bank 1			G *
M	P2188	SYSTEM TOO RICH AT IDLE - Bank 1			G *
M	P2189	SYSTEM TOO LEAN AT IDLE - Bank 2			G *
M	P218F	REDUCTANT NO FLOW DETECTED			
M	P2190	SYSTEM TOO RICH AT IDLE - Bank 2			G *
M	P2195	O2 SENSOR SIGNAL BIASED / STUCK LEAN (Bank 1, Sensor 1)		G	G *
M	P2196	O2 SENSOR SIGNAL BIASED / STUCK RICH (Bank 1, Sensor 1)		G	G *
M	P2197	O2 SENSOR SIGNAL BIASED / STUCK LEAN (Bank 2, Sensor 1)		G	G *
M	P2198	O2 SENSOR SIGNAL BIASED / STUCK RICH (Bank 2, Sensor 1)		G	G *
M	P2199	INTAKE AIR TEMPERATURE 1 / 2 CORRELATION			
M	P219A	BANK 1 AIR-FUEL RATIO IMBALANCE			G *
M	P219B	BANK 2 AIR-FUEL RATIO IMBALANCE			G *
M	P21AA	REDUCTANT LEVEL SENSOR "B" CIRCUIT LOW			
M	P21AB	REDUCTANT LEVEL SENSOR "B" CIRCUIT HIGH			
M	P21AF	REDUCTANT LEVEL SENSOR "C" CIRCUIT LOW			
M	P21B0	REDUCTANT LEVEL SENSOR "C" CIRCUIT HIGH			
M	P2200	NOx SENSOR CIRCUIT (Bank 1 Sensor 1)			

2014 OBD-II 5 DIGIT CODE INTERPRETATION

Indicator Light	CODE		Spark Ignition		
			KOEO	KOER	CONT
M	P2201	NOx SENSOR CIRCUIT RANGE / PERFORMANCE (Bank 1 Sensor 1)			G
	P2202	NOx SENSOR CIRCUIT LOW (Bank 1 Sensor 1)	G	G	G
	P2203	NOx SENSOR CIRCUIT HIGH (Bank 1 Sensor 1)	G	G	G
	P2204	NOx SENSOR CIRCUIT INTERMITTENT (Bank 1 Sensor 1)			
M	P2209	NOx SENSOR HEATER SENSE CIRCUIT RANGE / PERFORMANCE (Bank 1 Sensor 1)			
M	P220A	NOx SENSOR SUPPLY VOLTAGE CIRCUIT (Bank 1 Sensor 1)			
M	P220B	NOx SENSOR SUPPLY VOLTAGE CIRCUIT (Bank 1 Sensor 2)			
M	P220E	NOx SENSOR HEATER CONTROL CIRCUIT RANGE / PERFORMANCE (Bank 1 Sensor 1)			
M	P220F	NOx SENSOR HEATER CONTROL CIRCUIT RANGE / PERFORMANCE (Bank 1 Sensor 2)			
M	P2227	BAROMETRIC PRESSURE SENSOR "A" CIRCUIT RANGE / PERFORMANCE	G	G	G *
M	P2228	BAROMETRIC PRESSURE SENSOR "A" CIRCUIT LOW	G	G	G *
M	P2229	BAROMETRIC PRESSURE SENSOR "A" CIRCUIT HIGH	G	G	G *
	P2230	BAROMETRIC PRESSURE SENSOR "A" CIRCUIT INTERMITTENT / ERRATIC			
M	P2231	O2 SENSOR SIGNAL CIRCUIT SHORTED TO HEATER CIRCUIT - Bank 1 Sensor 1		G	G *
M	P2232	O2 SENSOR SIGNAL CIRCUIT SHORTED TO HEATER CIRCUIT - Bank 1 Sensor 2		G	G *
M	P2234	O2 SENSOR SIGNAL CIRCUIT SHORTED TO HEATER CIRCUIT - Bank 2 Sensor 1		G	G *
M	P2235	O2 SENSOR SIGNAL CIRCUIT SHORTED TO HEATER CIRCUIT - Bank 2 Sensor 2		G	G *
M	P2237	O2 SENSOR POSITIVE CURRENT CONTROL CIRCUIT / OPEN - Bank 1 Sensor 1		G	G *
M	P2240	O2 SENSOR POSITIVE CURRENT CONTROL CIRCUIT / OPEN - Bank 2 Sensor 1		G	G *
M	P2243	O2 SENSOR REFERENCE VOLTAGE CIRCUIT / OPEN - Bank 1 Sensor 1		G	G *
M	P2245	O2 SENSOR REFERENCE VOLTAGE CIRCUIT LOW - Bank 1 Sensor 1			G *
M	P2246	O2 SENSOR REFERENCE VOLTAGE CIRCUIT HIGH - Bank 1 Sensor 1			G *
M	P2247	O2 SENSOR REFERENCE VOLTAGE CIRCUIT / OPEN - Bank 1 Sensor 1		G	G *
M	P224E	ALTERNATIVE FUEL TANK SHUTOFF VALVE "A" CONTROL CIRCUIT LOW			A *
M	P224F	ALTERNATIVE FUEL TANK SHUTOFF VALVE "A" CONTROL CIRCUIT LOW			A *
M	P2251	O2 SENSOR NEGATIVE CURRENT CONTROL CIRCUIT / OPEN - Bank 1 Sensor 1		G	G *
M	P2254	O2 SENSOR NEGATIVE CURRENT CONTROL CIRCUIT / OPEN - Bank 2 Sensor 1		G	G *
M	P2257	SECONDARY AIR INJECTION (AIR) SYSTEM CONTROL "A" CIRCUIT LOW	G	G	G *
M	P2258	SECONDARY AIR INJECTION (AIR) SYSTEM CONTROL "A" CIRCUIT HIGH	G	G	G *
M	P225A	NOx SENSOR CALIBRATION MEMORY (Bank 1 Sensor 1)			

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
M	P225B	NOx SENSOR CALIBRATION MEMORY (Bank 1 Sensor 2)			
M	P2262	TURBO/SUPER CHARGER BOOST PRESSURE NOT DETECTED - MECHANICAL			
M	P2263	TURBO/SUPER CHARGER BOOST SYSTEM PERFORMANCE			
	P2264	WATER IN FUEL SENSOR CIRCUIT			
	P2269	WATER IN FUEL CONDITION			
M	P2270	O2 SENSOR SIGNAL BIASED / STUCK LEAN (Bank 1 Sensor 2)		G	G *
M	P2271	O2 SENSOR SIGNAL BIASED / STUCK RICH (Bank 1 Sensor 2)		G	G *
M	P2272	O2 SENSOR SIGNAL BIASED / STUCK LEAN (Bank 2 Sensor 2)		G	G *
M	P2273	O2 SENSOR SIGNAL BIASED / STUCK RICH (Bank 2 Sensor 2)		G	G *
M	P2274	O2 SENSOR SIGNAL BIASED / STUCK LEAN (Bank 1 Sensor 3)		G	G *
M	P2275	O2 SENSOR SIGNAL BIASED / STUCK RICH (Bank 1 Sensor 3)		G	G *
M	P2276	O2 SENSOR SIGNAL BIASED / STUCK LEAN (Bank 2 Sensor 3)		G	G *
M	P2277	O2 SENSOR SIGNAL BIASED / STUCK RICH (Bank 2 Sensor 3)		G	G *
	P2278	OXYGEN SENSOR SIGNAL SWAPPED (Bank 1 Sensor 3 / Bank 2 Sensor 3)		G	
M	P2279	INTAKE AIR SYSTEM LEAK			G *
M	P2282	AIR LEAK BETWEEN THROTTLE BODY AND INTAKE VALVE			G *
M	P2284	INJECTOR CONTROL PRESSURE SENSOR CIRCUIT RANGE / PERFORMANCE			
M	P2285	INJECTOR CONTROL PRESSURE SENSOR CIRCUIT LOW			
M	P2286	INJECTOR CONTROL PRESSURE SENSOR CIRCUIT HIGH			
M	P2288	INJECTOR CONTROL PRESSURE TOO HIGH			
M	P2289	INJECTOR CONTROL PRESSURE TOO HIGH - ENGINE OFF			
M	P228E	FUEL PRESSURE REGULATOR 1 EXCEEDED LEARNING LIMITS - TOO LOW			
M	P228F	FUEL PRESSURE REGULATOR 1 EXCEEDED LEARNING LIMITS - TOO HIGH			
M	P2290	INJECTOR CONTROL PRESSURE TOO LOW			
W	P2291	INJECTOR CONTROL PRESSURE TOO LOW - ENGINE CRANKING			
	P2292	INJECTOR CONTROL PRESSURE ERRATIC			
M	P2297	O2 SENSOR OUT OF RANGE DURING DECELERATION (Bank 1 Sensor1)			G *
M	P2299	BRAKE PEDAL / ACCELERATOR PEDAL POSITION INCOMPATIBLE			
M	P229E	NOx SENSOR CIRCUIT (Bank 1 Sensor 2)			
M	P229F	NOx SENSOR CIRCUIT RANGE / PERFORMANCE (Bank 1 Sensor 2)			

2014 OBD-II 5 DIGIT CODE INTERPRETATION

Indicator Light	CODE		Spark Ignition		
			KOEO	KOER	CONT
M	P22A2	NOx SENSOR CIRCUIT INTERMITTENT (Bank 1 Sensor 2)			
M	P22A7	NOx SENSOR HEATER SENSE CIRCUIT RANGE / PERFORMANCE (Bank 1 Sensor 2)			
M	P22DA	CYLINDER 1 ALTERNATIVE FUEL INJECTOR CONTROL CIRCUIT LOW			A *
M	P22DB	CYLINDER 1 ALTERNATIVE FUEL INJECTOR CONTROL CIRCUIT HIGH			A *
M	P22DE	CYLINDER 2 ALTERNATIVE FUEL INJECTOR CONTROL CIRCUIT LOW			A *
M	P22DF	CYLINDER 2 ALTERNATIVE FUEL INJECTOR CONTROL CIRCUIT HIGH			A *
M	P22E2	CYLINDER 3 ALTERNATIVE FUEL INJECTOR CONTROL CIRCUIT LOW			A *
M	P22E3	CYLINDER 3 ALTERNATIVE FUEL INJECTOR CONTROL CIRCUIT HIGH			A *
M	P22E6	CYLINDER 4 ALTERNATIVE FUEL INJECTOR CONTROL CIRCUIT LOW			A *
M	P22E7	CYLINDER 4 ALTERNATIVE FUEL INJECTOR CONTROL CIRCUIT HIGH			A *
M	P22EA	CYLINDER 5 ALTERNATIVE FUEL INJECTOR CONTROL CIRCUIT LOW			A *
M	P22EB	CYLINDER 5 ALTERNATIVE FUEL INJECTOR CONTROL CIRCUIT HIGH			A *
M	P22EE	CYLINDER 6 ALTERNATIVE FUEL INJECTOR CONTROL CIRCUIT LOW			A *
M	P22EF	CYLINDER 6 ALTERNATIVE FUEL INJECTOR CONTROL CIRCUIT HIGH			A *
M	P22F2	CYLINDER 7 ALTERNATIVE FUEL INJECTOR CONTROL CIRCUIT LOW			A *
M	P22F3	CYLINDER 7 ALTERNATIVE FUEL INJECTOR CONTROL CIRCUIT HIGH			A *
M	P22F6	CYLINDER 8 ALTERNATIVE FUEL INJECTOR CONTROL CIRCUIT LOW			A *
M	P22F7	CYLINDER 8 ALTERNATIVE FUEL INJECTOR CONTROL CIRCUIT HIGH			A *
M	P22FF	SCR NOx CATALYST INLET TEMPERATURE TOO LOW			
M	P2300	IGNITION COIL "A" PRIMARY CONTROL CIRCUIT LOW		G	G *
M	P2301	IGNITION COIL "A" PRIMARY CONTROL CIRCUIT HIGH		G	G *
M	P2303	IGNITION COIL "B" PRIMARY CONTROL CIRCUIT LOW		G	G *
M	P2304	IGNITION COIL "B" PRIMARY CONTROL CIRCUIT HIGH		G	G *
M	P2306	IGNITION COIL "C" PRIMARY CONTROL CIRCUIT LOW		G	G *
M	P2307	IGNITION COIL "C" PRIMARY CONTROL CIRCUIT HIGH		G	G *
M	P2309	IGNITION COIL "D" PRIMARY CONTROL CIRCUIT LOW		G	G *
M	P2310	IGNITION COIL "D" PRIMARY CONTROL CIRCUIT HIGH		G	G *
M	P2312	IGNITION COIL "E" PRIMARY CONTROL CIRCUIT LOW		G	G *
M	P2313	IGNITION COIL "E" PRIMARY CONTROL CIRCUIT HIGH		G	G *
M	P2315	IGNITION COIL "F" PRIMARY CONTROL CIRCUIT LOW		G	G *

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
M	P2316	IGNITION COIL "F" PRIMARY CONTROL CIRCUIT HIGH		G	G *
M	P2318	IGNITION COIL "G" PRIMARY CONTROL CIRCUIT LOW		G	G *
M	P2319	IGNITION COIL "G" PRIMARY CONTROL CIRCUIT HIGH		G	G *
M	P2321	IGNITION COIL "H" PRIMARY CONTROL CIRCUIT LOW		G	G *
M	P2322	IGNITION COIL "H" PRIMARY CONTROL CIRCUIT HIGH		G	G *
M	P2324	IGNITION COIL "I" PRIMARY CONTROL CIRCUIT LOW		G	G *
M	P2325	IGNITION COIL "I" PRIMARY CONTROL CIRCUIT HIGH		G	G *
M	P2327	IGNITION COIL "J" PRIMARY CONTROL CIRCUIT LOW		G	G *
M	P2328	IGNITION COIL "J" PRIMARY CONTROL CIRCUIT HIGH		G	G *
M	P2400	EVAPORATIVE EMISSION SYSTEM LEAK DETECTION PUMP CONTROL CIRCUIT / OPEN			G *
M	P2401	EVAPORATIVE EMISSION SYSTEM LEAK DETECTION PUMP CONTROL CIRCUIT LOW	G	G	G *
M	P2402	EVAPORATIVE EMISSION SYSTEM LEAK DETECTION PUMP CONTROL CIRCUIT HIGH	G	G	G *
M	P2403	EVAPORATIVE EMISSION SYSTEM LEAK DETECTION PUMP SENSE CIRCUIT / OPEN			G *
M	P2404	EVAPORATIVE EMISSION SYSTEM LEAK DETECTION PUMP SENSE CIRCUIT RANGE			G *
M	P2405	EVAPORATIVE EMISSION SYSTEM LEAK DETECTION PUMP SENSE CIRCUIT LOW			G *
M	P2406	EVAPORATIVE EMISSION SYSTEM LEAK DETECTION PUMP SENSE CIRCUIT HIGH			G *
M	P2407	EVAPORATIVE EMISSION SYSTEM LEAK DETECTION PUMP SENSE CIRCUIT ERRATIC			G *
M	P2414	O2 SENSOR EXHAUST SAMPLE ERROR - Bank 1, Sensor 1			G *
M	P2415	O2 SENSOR EXHAUST SAMPLE ERROR - Bank 2, Sensor 1			G *
M	P2418	EVAPORATIVE EMISSION (EVAP) SYSTEM SWITCHING VALVE CONTROL CIRCUIT / OPEN	G	G	G *
M	P2419	EVAPORATIVE EMISSION (EVAP) SYSTEM SWITCHING VALVE CONTROL CIRCUIT LOW	G	G	G *
M	P2420	EVAPORATIVE EMISSION (EVAP) SYSTEM SWITCHING VALVE CONTROL CIRCUIT HIGH	G	G	G *
M	P2425	EXHAUST GAS RECIRCULATION (EGR) COOLING VALVE CONTROL CIRCUIT / OPEN			
M	P2426	EXHAUST GAS RECIRCULATION (EGR) COOLING VALVE CONTROL CIRCUIT LOW			
M	P2427	EXHAUST GAS RECIRCULATION (EGR) COOLING VALVE CONTROL CIRCUIT HIGH			
M	P242A	EXHAUST GAS TEMPERATURE SENSOR CIRCUIT - Bank 1 Sensor 3			
M	P242B	EXHAUST GAS TEMPERATURE SENSOR CIRCUIT RANGE / PERFORMANCE - Bank 1 Sensor 3			
M	P242C	EXHAUST GAS TEMPERATURE SENSOR CIRCUIT LOW - Bank 1 Sensor 3			
M	P242D	EXHAUST GAS TEMPERATURE SENSOR CIRCUIT HIGH - Bank 1 Sensor 3			
	P242E	EXHAUST GAS TEMPERATURE SENSOR CIRCUIT INTERMITTENT / ERRATIC - Bank 1 Sensor 3			

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
W	P242F	PARTICULATE FILTER RESTRICTION - ASH ACCUMULATION (Bank 1)			
M	P2448	SECONDARY AIR INJECTION (AIR) SYSTEM HIGH AIR FLOW (Bank 1)		G	G *
M	P244A	PARTICULATE FILTER DIFFERENTIAL PRESSURE TOO LOW (Bank 1)			
	P244C	EXHAUST TEMPERATURE TOO LOW FOR PARTICULATE FILTER REGENERATION - Bank 1			
	P244D	EXHAUST TEMPERATURE TOO HIGH FOR PARTICULATE FILTER REGENERATION - Bank 1			
M	P2450	EVAPORATIVE EMISSION (EVAP) SYSTEM SWITCHING VALVE PERFORMANCE / STUCK OPEN			G *
M	P2451	EVAPORATIVE EMISSION (EVAP) SYSTEM SWITCHING VALVE STUCK CLOSED			G *
M	P2452	PARTICULATE FILTER PRESSURE SENSOR "A" CIRCUIT			
M	P2453	PARTICULATE FILTER PRESSURE SENSOR "A" CIRCUIT RANGE / PERFORMANCE			
M	P2454	PARTICULATE FILTER PRESSURE SENSOR "A" CIRCUIT LOW			
M	P2455	PARTICULATE FILTER PRESSURE SENSOR "A" CIRCUIT HIGH			
M	P2456	PARTICULATE FILTER PRESSURE SENSOR "A" CIRCUIT INTERMITTENT / ERRATIC			
M	P2457	EXHAUST GAS RECIRCULATION (EGR) COOLER "A" EFFICIENCY BELOW THRESHOLD			
M W	P2458	PARTICULATE FILTER REGENERATION DURATION (Bank 1)			
M W	P2459	PARTICULATE FILTER REGENERATION FREQUENCY (Bank 1)			
M	P245A	EXHAUST GAS RECIRCULATION (EGR) COOLER BYPASS CONTROL CIRCUIT (Bank 1)			
M	P245B	EXHAUST GAS RECIRCULATION (EGR) COOLER BYPASS CONTROL CIRCUIT RANGE / PERFORM (Bank 1)			
M	P245C	EXHAUST GAS RECIRCULATION (EGR) COOLER BYPASS CONTROL CIRCUIT LOW (Bank 1)			
M	P245D	EXHAUST GAS RECIRCULATION (EGR) COOLER BYPASS CONTROL CIRCUIT HIGH (Bank 1)			
M	P245E	PARTICULATE FILTER PRESSURE SENSOR "B" CIRCUIT			
M	P245F	PARTICULATE FILTER PRESSURE SENSOR "B" CIRCUIT RANGE / PERFORMANCE			
M	P2460	PARTICULATE FILTER PRESSURE SENSOR "B" CIRCUIT LOW			
M	P2461	PARTICULATE FILTER PRESSURE SENSOR "B" CIRCUIT HIGH			
M	P2462	PARTICULATE FILTER PRESSURE SENSOR "B" CIRCUIT INTERMITTENT / ERRATIC			
M	P2463	PARTICULATE FILTER RESTRICTION - SOOT ACCUMULATION (Bank 1)			
M	P246B	VEHICLE CONDITIONS INCORRECT FOR PARTICULATE FILTER REGENERATION			
M W	P246C	PARTICULATE FILTER RESTRICTION - FORCED LIMITED POWER (Bank 1)			
M	P246D	PARTICULATE FILTER PRESSURE SENSOR "A"/"B" CORRELATION			
M	P246E	EXHAUST GAS TEMPERATURE SENSOR CIRCUIT (Bank 1 Sensor 4)			
M	P246F	EXHAUST GAS TEMPERATURE SENSOR CIRCUIT RANGE/PERFORM (Bank 1 Sensor 4)			

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
M	P2470	EXHAUST GAS TEMPERATURE SENSOR CIRCUIT LOW (Bank 1 Sensor 4)			
M	P2471	EXHAUST GAS TEMPERATURE SENSOR CIRCUIT HIGH (Bank 1 Sensor 4)			
M	P2478	EXHAUST GAS TEMPERATURE OUT OF RANGE (Bank 1 Sensor 1)			
M	P2479	EXHAUST GAS TEMPERATURE OUT OF RANGE (Bank 1 Sensor 2)			
M	P247A	EXHAUST GAS TEMPERATURE OUT OF RANGE (Bank 1 Sensor 3)			
M	P247B	EXHAUST GAS TEMPERATURE OUT OF RANGE (Bank 1 Sensor 4)			
M	P249C	EXCESSIVE TIME TO ENTER CLOSED LOOP REDUCTANT INJECTION CONTROL			
M	P249D	CLOSED LOOP REDUCTANT INJECTION CONTROL AT LIMIT - FLOW TOO LOW			
M	P249E	CLOSED LOOP REDUCTANT INJECTION CONTROL AT LIMIT - FLOW TOO HIGH			
M	P249F	EXCESSIVE TIME TO ENTER CLOSED LOOP PARTICULATE FILTER REGENERATION CONTROL			
M	P24A0	CLOSED LOOP PARTICULATE FILTER REGENERATION CONTROL AT LIMIT - FLOW TOO LOW			
M	P24A1	CLOSED LOOP PARTICULATE FILTER REGENERATION CONTROL AT LIMIT - FLOW TOO HIGH			
M	P24A2	DIESEL PARTICULATE FILTER REGENERATION INCOMPLETE (Bank 1)			
M	P24A5	EGR COOLER BYPASS CONTROL STUCK (Bank 1)			
M	P24B9	EVAP SYSTEM LEAK DETECTION PUMP PRESSURE SENSOR CIRCUIT RANGE/PERFORMANCE			G *
M	P24BA	EVAP SYSTEM LEAK DETECTION PUMP PRESSURE SENSOR CIRCUIT LOW	G	G	G *
M	P24BB	EVAP SYSTEM LEAK DETECTION PUMP PRESSURE SENSOR CIRCUIT HIGH	G	G	G *
	P24BC	EVAP SYSTEM LEAK DETECTION PUMP PRESSURE SENSOR CIRCUIT INTERMITTENT	G	G	G
M	P24BE	EVAP SYSTEM LEAK DETECTION PUMP VACUUM SWITCHING VALVE CONTROL CIRCUIT LOW	G	G	G *
M	P24BF	EVAP SYSTEM LEAK DETECTION PUMP VACUUM SWITCHING VALVE CONTROL CIRCUIT HIGH	G	G	G *
M	P24C0	EVAP SYSTEM LEAK DETECTION PUMP VACUUM SWITCHING VALVE STUCK ON			G *
M	P24C1	EVAP SYSTEM LEAK DETECTION PUMP VACUUM SWITCHING VALVE PERFORMANCE / STUCK OFF			G *
	P2500	GENERATOR LAMP TERMINAL CIRCUIT LOW			G
	P2501	GENERATOR LAMP TERMINAL CIRCUIT HIGH			G
	P2502	CHARGING SYSTEM VOLTAGE			G
	P2503	CHARGING SYSTEM VOLTAGE LOW			G
	P2504	CHARGING SYSTEM VOLTAGE HIGH			G
	P2505	ECM / PCM POWER INPUT SIGNAL			
M	P2506	ECM / PCM POWER INPUT SIGNAL RANGE PERFORMANCE			
M	P2507	ECM / PCM POWER INPUT SIGNAL LOW			G *

2014 OBD-II 5 DIGIT CODE INTERPRETATION

Indicator Light	CODE		Spark Ignition		
			KOEO	KOER	CONT
M	P2508	ECM / PCM POWER INPUT SIGNAL HIGH			
	P250C	ENGINE OIL LEVEL SENSOR CIRCUIT LOW	G	G	G
	P250D	ENGINE OIL LEVEL SENSOR CIRCUIT HIGH	G	G	G
	P250E	ENGINE OIL LEVEL SENSOR CIRCUIT INTERMITTENT / ERRATIC			G
	P250F	ENGINE OIL LEVEL TOO LOW			
	P2510	ECM / PCM POWER RELAY SENSE CIRCUIT RANGE PERFORMANCE			G
W	P2512	EVENT DATA RECORDER REQUEST CIRCUIT / OPEN			G +
W	P2513	EVENT DATA RECORDER REQUEST CIRCUIT LOW			G +
W	P2514	EVENT DATA RECORDER REQUEST CIRCUIT HIGH			G +
	P2515	A/C REFRIGERANT PRESSURE SENSOR "B" CIRCUIT	G	G	G
	P2517	A/C REFRIGERANT PRESSURE SENSOR "B" CIRCUIT LOW	G	G	G
	P2521	A/C REQUEST "A" CIRCUIT HIGH	G	G	G
	P2524	A/C REQUEST "B" CIRCUIT HIGH	G	G	G
	P252F	ENGINE OIL LEVEL TOO HIGH			
	P2530	IGNITION SWITCH RUN POSITION CIRCUIT	G	G	G
M	P2531	IGNITION SWITCH RUN POSITION CIRCUIT LOW	G	G	G
	P2532	IGNITION SWITCH RUN POSITION CIRCUIT HIGH	G	G	G
M	P2533	IGNITION SWITCH RUN / START POSITION CIRCUIT	G	G	G
	P2534	IGNITION SWITCH RUN / START POSITION CIRCUIT LOW	G	G	G
	P2535	IGNITION SWITCH RUN / START POSITION CIRCUIT HIGH	G	G	G
	P2539	LOW PRESSURE FUEL SYSTEM SENSOR CIRCUIT			
	P253F	ENGINE OIL DETERIORATED			
	P2541	LOW PRESSURE FUEL SYSTEM SENSOR CIRCUIT LOW			
	P2542	LOW PRESSURE FUEL SYSTEM SENSOR CIRCUIT HIGH			
	P2544	TORQUE MANAGEMENT REQUEST INPUT SIGNAL "A"			
M	P2545	TORQUE MANAGEMENT REQUEST INPUT SIGNAL "A" RANGE PERFORMANCE			
	P2552	THROTTLE / FUEL INHIBIT "A" CIRCUIT / OPEN			
	P2560	ENGINE COOLANT LEVEL LOW			
M	P2563	TURBOCHARGER BOOST CONTROL POSITION SENSOR "A" CIRCUIT RANGE / PERFORMANCE			
M	P25B0	FUEL LEVEL SENSOR "A" STUCK			G *

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
M	P25B1	FUEL LEVEL SENSOR "B" STUCK			G *
M	P25B2	FUEL LEVEL SENSOR "A" OR "B" STUCK			G *
M	P25DD	INTAKE "A" CAMSHAFT POSITION - STUCK IN LOCKED POSITION (Bank 1)			G *
M	P25E0	INTAKE "A" CAMSHAFT POSITION - STUCK IN LOCKED POSITION (Bank 2)			G *
M	P25E3	EXHAUST "B" CAMSHAFT POSITION - STUCK IN LOCKED POSITION (Bank 1)			G *
M	P25E6	EXHAUST "B" CAMSHAFT POSITION - STUCK IN LOCKED POSITION (Bank 2)			G *
	P2600	COOLANT PUMP "A" CONTROL CIRCUIT / OPEN	G	G	G
	P2602	COOLANT PUMP "A" CONTROL CIRCUIT LOW	G	G	G
	P2603	COOLANT PUMP "A" CONTROL CIRCUIT HIGH	G	G	G
M	P260F	EVAPORATIVE EMISSION (EVAP) SYSTEM MONITORING PROCESSOR PERFORMANCE			G *
M	P2610	ECM / PCM ENGINE OFF TIMER PERFORMANCE			G *
	P2611	A/C REFRIGERANT DISTRIBUTION VALVE CONTROL CIRCUIT / OPEN	G	G	G
M	P2614	CAMSHAFT POSITION OUTPUT CIRCUIT / OPEN			
M	P2617	CRANKSHAFT POSITION OUTPUT CIRCUIT / OPEN			
	P2620	THROTTLE POSITION OUTPUT CIRCUIT / OPEN			
M	P2623	INJECTOR CONTROL PRESSURE REGULATOR / OPEN			
M	P2626	O2 SENSOR POSITIVE CURRENT TRIM CIRCUIT / OPEN (Bank 1 Sensor 1)			G *
M	P2627	O2 SENSOR POSITIVE CURRENT TRIM CIRCUIT LOW (Bank 1 Sensor 1)		G	G *
M	P2628	O2 SENSOR POSITIVE CURRENT TRIM CIRCUIT HIGH (Bank 1 Sensor 1)		G	G *
M	P2629	O2 SENSOR POSITIVE CURRENT TRIM CIRCUIT / OPEN (Bank 2 Sensor 1)			G *
M	P262A	FUEL INJECTOR - PILOT INJECTION NOT LEARNED			
M	P2630	O2 SENSOR POSITIVE CURRENT TRIM CIRCUIT LOW (Bank 2 Sensor 1)		G	G *
M	P2631	O2 SENSOR POSITIVE CURRENT TRIM CIRCUIT HIGH (Bank 2 Sensor 1)		G	G *
	P2637	TORQUE MANAGEMENT FEEDBACK SIGNAL "A"			G
M	P263C	GLOW PLUG DRIVER PERFORMANCE			
M	P263D	REDUCTANT HEATER DRIVER PERFORMANCE			
M	P263E	GLOW PLUG CONTROL MODULE 1 OVER TEMPERATURE			
M	P264F	ENGINE SERIAL NUMBER NOT PROGRAMMED OR INCOMPATIBLE			G *
	P2665	FUEL SHUTOFF VALVE "B" CONTROL CIRCUIT / OPEN			G
M	P2669	ACTUATOR SUPPLY VOLTAGE "B" CIRCUIT / OPEN			G *

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
	P2671	ACTUATOR SUPPLY VOLTAGE "B" CIRCUIT HIGH			
	P2676	AIR CLEANER INLET CONTROL CIRCUIT LOW			G
	P2677	AIR CLEANER INLET CONTROL CIRCUIT HIGH			G
M	P2682	ENGINE COOLANT BYPASS VALVE "A" CONTROL CIRCUIT LOW			G *
M	P2683	ENGINE COOLANT BYPASS VALVE "A" CONTROL CIRCUIT HIGH			G *
M	P2684	ACTUATOR SUPPLY VOLTAGE "C" CIRCUIT / OPEN			G *
	P2686	ACTUATOR SUPPLY VOLTAGE "C" CIRCUIT HIGH			G
M	P268C	CYLINDER 1 INJECTOR DATA INCOMPATIBLE			
M	P268D	CYLINDER 2 INJECTOR DATA INCOMPATIBLE			
M	P268E	CYLINDER 3 INJECTOR DATA INCOMPATIBLE			
M	P268F	CYLINDER 4 INJECTOR DATA INCOMPATIBLE			
M	P2690	CYLINDER 5 INJECTOR DATA INCOMPATIBLE			
M	P2691	CYLINDER 6 INJECTOR DATA INCOMPATIBLE			
M	P2692	CYLINDER 7 INJECTOR DATA INCOMPATIBLE			
M	P2693	CYLINDER 8 INJECTOR DATA INCOMPATIBLE			
M	P26B7	ENGINE COOLANT BYPASS VALVE "C" CONTROL CIRCUIT/OPEN			G *
M	P26BD	ENGINE COOLANT BYPASS VALVE "D" CONTROL CIRCUIT/OPEN			G *
M W	P26C3	INTERNAL CONTROL MODULE TRANSMISSION RANGE SENSOR PERFORMANCE		G	G * +
M W	P26C4	INTERNAL CONTROL MODULE CLUTCH PEDAL PERFORMANCE		G	G * +
	P26CA	ENGINE COOLANT PUMP CONTROL CIRCUIT / OPEN			G
	P26CB	ENGINE COOLANT PUMP PERFORMANCE / STUCK OFF			G
	P26CE	ENGINE COOLANT PUMP OVERSPEED			G
	P26D0	ENGINE COOLANT PUMP CONTROL MODULE SYSTEM VOLTAGE LOW			G
	P26D1	ENGINE COOLANT PUMP CONTROL MODULE SYSTEM VOLTAGE HIGH			G
	P26D2	ENGINE COOLANT PUMP CONTROL MODULE OVER TEMPERATURE			G
	P26D3	ENGINE COOLANT PUMP SUPPLY VOLTAGE CIRCUIT			G
M	P26DC	ENGINE SOUND CONTROL CIRCUIT LOW			G *
M	P26DD	ENGINE SOUND CONTROL CIRCUIT HIGH			G *
M	P26DE	ENGINE SOUND CONTROL CIRCUIT PERFORMANCE			G *
W O/D	P2700	TRANSMISSION FRICTION ELEMENT "A" APPLY TIME RANGE / PERFORMANCE			G +

2014 OBD-II 5 DIGIT CODE INTERPRETATION

Indicator Light	CODE		Spark Ignition		
			KOEO	KOER	CONT
W O/D	P2701	TRANSMISSION FRICTION ELEMENT "B" APPLY TIME RANGE / PERFORMANCE			G +
W O/D	P2702	TRANSMISSION FRICTION ELEMENT "C" APPLY TIME RANGE / PERFORMANCE			G +
W O/D	P2703	TRANSMISSION FRICTION ELEMENT "D" APPLY TIME RANGE / PERFORMANCE			G +
W O/D	P2704	TRANSMISSION FRICTION ELEMENT "E" APPLY TIME RANGE / PERFORMANCE			G +
W	P2705	TRANSMISSION FRICTION ELEMENT "F" APPLY TIME RANGE / PERFORMANCE			G +
M	P2714	PRESSURE CONTROL SOLENIOD "D" PERFORMANCE / STUCK OFF			G *
M	P2715	PRESSURE CONTROL SOLENIOD "D" STUCK ON			G *
M	P2719	PRESSURE CONTROL SOLENIOD "D" CIRCUIT RANGE / PERFORMANCE			G *
M	P2720	PRESSURE CONTROL SOLENIOD "D" CIRCUIT LOW			G *
M	P2721	PRESSURE CONTROL SOLENIOD "D" CIRCUIT HIGH			G *
M	P2746	INTERMEDIATE SHAFT SPEED SENSOR "B" CIRCUIT RANGE / PERFORMANCE			G *
M	P2748	INTERMEDIATE SHAFT SPEED SENSOR "B" CIRCUIT INTERMITTENT			G *
	P2753	TRANSMISSION FLUID COOLER CONTROL CIRCUIT / OPEN			G
	P2754	TRANSMISSION FLUID COOLER CONTROL CIRCUIT LOW			
	P2755	TRANSMISSION FLUID COOLER CONTROL CIRCUIT HIGH			
M W	P2757	TORQUE CONVERTER CLUTCH PRESSURE CONTROL SOLENIOD CIRCUIT PERF OR STUCK OFF			G * +
M W	P2758	TORQUE CONVERTER CLUTCH PRESSURE CONTROL SOLENIOD STUCK ON			G * +
W	P2760	TORQUE CONVERTER CLUTCH PRESSURE CONTROL SOLENIOD INTERMITTENT			G +
M W	P2762	TORQUE CONVERTER CLUTCH PRESSURE CONTROL SOLENIOD CONTROL CIRCUIT RANGE / PERF			G * +
M W	P2763	TORQUE CONVERTER CLUTCH PRESSURE CONTROL SOLENIOD CONTROL CIRCUIT HIGH			G * +
M W	P2764	TORQUE CONVERTER CLUTCH PRESSURE CONTROL SOLENIOD CONTROL CIRCUIT LOW			G * +
M	P2765	INPUT / TURBINE SHAFT SPEED SENSOR "B" CIRCUIT			G *
M	P2766	INPUT / TURBINE SHAFT SPEED SENSOR "B" CIRCUIT RANGE / PERFORMANCE			G
M	P2767	INPUT / TURBINE SHAFT SPEED SENSOR "B" CIRCUIT NO SIGNAL			
W	P2768	INPUT / TURBINE SHAFT SPEED SENSOR "B" CIRCUIT INTERMITTENT			
M	P2783	TORQUE CONVERTER TEMPERATURE TOO HIGH			G *
W	P2787	CLUTCH TEMPERATURE TOO HIGH			
M W	P2796	ELECTRIC TRANSMISSION FLUID PUMP CONTROL CIRCUIT			G
M	P2800	TRANSMISSION RANGE SENSOR "B" CIRCUIT (PRNDL INPUT)	G	G	G
M	P2801	TRANSMISSION RANGE SENSOR "B" CIRCUIT RANGE / PERFORMANCE	G	G	G

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
M	P2802	TRANSMISSION RANGE SENSOR "B" CIRCUIT LOW	G	G	G
M	P2803	TRANSMISSION RANGE SENSOR "B" CIRCUIT HIGH	G	G	G
W	P2804	TRANSMISSION RANGE SENSOR "B" CIRCUIT INTERMITTENT			
M	P2805	TRANSMISSION RANGE SENSOR "A" / "B" CORRELATION	G	G	G
M	P2806	TRANSMISSION RANGE SENSOR ALIGNMENT			G
M	P2831	SHIFT FORK "A" POSITION CIRCUIT			
M	P2832	SHIFT FORK "A" POSITION CIRCUIT RANGE / PERFORMANCE			
M	P2833	SHIFT FORK "A" POSITION CIRCUIT LOW			
M	P2834	SHIFT FORK "A" POSITION CIRCUIT HIGH			
M	P2835	SHIFT FORK "A" POSITION CIRCUIT INTERMITTENT			
M	P2836	SHIFT FORK "B" POSITION CIRCUIT			
M	P2837	SHIFT FORK "B" POSITION CIRCUIT RANGE / PERFORMANCE			
M	P2838	SHIFT FORK "B" POSITION CIRCUIT LOW			
M	P2839	SHIFT FORK "B" POSITION CIRCUIT HIGH			
M	P283A	SHIFT FORK "B" POSITION CIRCUIT INTERMITTENT			
M	P283B	SHIFT FORK "C" POSITION CIRCUIT			
M W	P283C	SHIFT FORK "C" POSITION CIRCUIT RANGE / PERFORMANCE			
M	P283D	SHIFT FORK "C" POSITION CIRCUIT LOW			
M	P283E	SHIFT FORK "C" POSITION CIRCUIT HIGH			
M	P283F	SHIFT FORK "C" POSITION CIRCUIT INTERMITTENT			
M	P2840	SHIFT FORK "D" POSITION CIRCUIT			
M	P2841	SHIFT FORK "D" POSITION CIRCUIT RANGE / PERFORMANCE			
M	P2842	SHIFT FORK "D" POSITION CIRCUIT LOW			
M	P2843	SHIFT FORK "D" POSITION CIRCUIT HIGH			
M	P2844	SHIFT FORK "D" POSITION CIRCUIT INTERMITTENT			
M	P2845	SHIFT FORK "A" POSITION SENSOR INCORRECT NEUTRAL POSITION INDICATED			
M	P2846	SHIFT FORK "B" POSITION SENSOR INCORRECT NEUTRAL POSITION INDICATED			
M	P2847	SHIFT FORK "C" POSITION SENSOR INCORRECT NEUTRAL POSITION INDICATED			
M	P2848	SHIFT FORK "D" POSITION SENSOR INCORRECT NEUTRAL POSITION INDICATED			
M	P2849	SHIFT FORK "A" STUCK			

2014 OBD-II 5 DIGIT CODE INTERPRETATION

Indicator Light	CODE		Spark Ignition		
			KOEO	KOER	CONT
M	P284A	SHIFT FORK "B" STUCK			
M	P284B	SHIFT FORK "C" STUCK			
M	P284C	SHIFT FORK "D" STUCK			
M	P284D	SHIFT FORK "A" UNREQUESTED MOVEMENT			
M	P284E	SHIFT FORK "B" UNREQUESTED MOVEMENT			
M	P284F	SHIFT FORK "C" UNREQUESTED MOVEMENT			
M	P2850	SHIFT FORK "D" UNREQUESTED MOVEMENT			
M	P2851	SHIFT FORK POSITION SENSOR "A" / "B" CORRELATION			
M	P2852	SHIFT FORK POSITION SENSOR "C" / "D" CORRELATION			
M	P2853	CLUTCH "A" PRESSURE DISCHARGE PERFORMANCE			
M	P2854	CLUTCH "B" PRESSURE DISCHARGE PERFORMANCE			
M	P2855	CLUTCH "A" PRESSURE CHARGE PERFORMANCE			
M	P2856	CLUTCH "B" PRESSURE CHARGE PERFORMANCE			
M	P2857	CLUTCH "A" PRESSURE ENGAGEMENT PERFORMANCE / TOO LOW			
M	P2858	CLUTCH "B" PRESSURE ENGAGEMENT PERFORMANCE / TOO LOW			
M	P2859	CLUTCH "A" PRESSURE DISENGAGEMENT PERFORMANCE / TOO LOW			
M	P285A	CLUTCH "B" PRESSURE DISENGAGEMENT PERFORMANCE / TOO LOW			
M	P285B	SHIFT FORK "A" ACTUATOR CIRCUIT / OPEN			
W	P285C	SHIFT FORK "A" ACTUATOR CIRCUIT PERFORMANCE			
M	P285D	SHIFT FORK "A" ACTUATOR CIRCUIT LOW			
M	P285E	SHIFT FORK "A" ACTUATOR CIRCUIT HIGH			
M	P285F	SHIFT FORK "B" ACTUATOR CIRCUIT / OPEN			
W	P2860	SHIFT FORK "B" ACTUATOR CIRCUIT PERFORMANCE			
M	P2861	SHIFT FORK "B" ACTUATOR CIRCUIT LOW			
M	P2862	SHIFT FORK "B" ACTUATOR CIRCUIT HIGH			
M W	P286F	CLUTCH "A" DISENGAGEMENT TIME PERFORMANCE TOO / SLOW			
M	P2872	CLUTCH "A" STUCK ENGAGED			
M W	P2877	CLUTCH "B" DISENGAGEMENT TIME PERFORMANCE TOO / SLOW			
M	P287A	CLUTCH "B" STUCK ENGAGED			
M	P287B	SHIFT FORK CALIBRATION NOT LEARNED			

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
M	P2A00	O2 SENSOR CIRCUIT RANGE / PERFORMANCE - BANK 1, SENSOR 1			
M	P2A01	O2 SENSOR CIRCUIT RANGE / PERFORMANCE - BANK 1, SENSOR 2	G	G	G *
M	P2A04	O2 SENSOR CIRCUIT RANGE / PERFORMANCE - BANK 2, SENSOR 2	G	G	G *
	P2A24	ALTERNATIVE FUEL TANK SHUTOFF VALVE "B" CONTROL CIRCUIT LOW			A *
	P2A25	ALTERNATIVE FUEL TANK SHUTOFF VALVE "B" CONTROL CIRCUIT HIGH			A *
	P2A28	ALTERNATIVE FUEL TANK SHUTOFF VALVE "C" CONTROL CIRCUIT LOW			A *
	P2A29	ALTERNATIVE FUEL TANK SHUTOFF VALVE "C" CONTROL CIRCUIT HIGH			A *
	P2A2C	ALTERNATIVE FUEL TANK SHUTOFF VALVE "D" CONTROL CIRCUIT LOW			A *
	P2A2D	ALTERNATIVE FUEL TANK SHUTOFF VALVE "D" CONTROL CIRCUIT HIGH			A *
	P2A30	ALTERNATIVE FUEL TANK SHUTOFF VALVE "E" CONTROL CIRCUIT LOW			A *
	P2A31	ALTERNATIVE FUEL TANK SHUTOFF VALVE "E" CONTROL CIRCUIT HIGH			A *
	P2BA7	NOx EXCEEDANCE - EMPTY REAGENT TANK			
M	P3400	CYLINDER DEACTIVATION SYSTEM (Bank 1)			G *
M	P340A	DEACTIVATION / INTAKE VALVE CONTROL CIRCUIT (Bank 1)	G	G	G *
M	P340B	DEACTIVATION / INTAKE VALVE CONTROL CIRCUIT (Bank 2)	G	G	G *
M	P340C	DEACTIVATION / EXHAUST VALVE CONTROL CIRCUIT (Bank 1)	G	G	G *
M	P340D	DEACTIVATION / EXHAUST VALVE CONTROL CIRCUIT (Bank 2)	G	G	G *
M	P341A	DEACTIVATION / INTAKE VALVE CONTROL CIRCUIT PERFORMANCE (Bank 1)			G *
M	P341B	DEACTIVATION / INTAKE VALVE CONTROL CIRCUIT PERFORMANCE (Bank 2)			G *
M	P341C	DEACTIVATION / EXHAUST VALVE CONTROL CIRCUIT PERFORMANCE (Bank 1)			G *
M	P341D	DEACTIVATION / EXHAUST VALVE CONTROL CIRCUIT PERFORMANCE (Bank 2)			G *
M	P3497	CYLINDER DEACTIVATION SYSTEM (Bank 2)			G *
		GEM MODULE DTC's			
	B1315	BATTERY SAVER RELAY COIL CIRCUIT SHORT TO BATTERY			G
	B1342	ECU IS FAULTED	G	G	G
	B1355	IGNITION RUN CIRCUIT FAILURE	G	G	
	B1359	IGNITION RUN / ACC CIRCUIT FAILURE	G	G	G
	B1365	IGNITION START CIRCUIT SHORT TO BATTERY	G	G	G
	P0500	VEHICLE SPEED SENSOR "A"			G

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
	B1483	BRAKE PEDAL INPUT CIRCUIT FAILURE	G	G	G
	B1485	BRAKE PEDAL INPUT SHORT TO BATTERY	G	G	G
		PATS SYSTEM DTC's			
	B1213	LESS THAN TWO KEYS PROGRAMMED TO THE PATS CONTROL			G
	B1342	ECU IS FAULTED			G
	B1600	NO PATS KEY READ BY THE PATS CONTROL			G
	B1601	UNPROGRAMMED PATS KEY			G
	B1602	PARTIAL PATS KEY WAS READ			G
	B1681	PATS TRANSCIEVER SIGNAL IS NOT BEING RECEIVED BY THE PATS CONTROL			G
	B2103	ANTENNA NOT CONNECTED			G
	B2431	KEY PROGRAMMING ERROR			G
	P1260	THEFT DETECTED, VEHICLE IMMOBILIZED			G
	U2511	CAN - DATA MIS-MATCH (RECEIVED DATA DOES NOT MATCH EXPECTED)			G
		ALTERNATIVE FUEL CONTROL MODULE DTC's			
	B1219	FUEL TANK PRESSURE SENSOR CIRCUIT			G
	B1220	FUEL TANK PRESSURE SENSOR CIRCUIT OPEN			G
	U1011	SCP (J1850) INVALID OR MISSING DATA			G
	U1260	SCP (J1850) SINGLE ENDED (+) CIRCUIT			G
	U1261	SCP (J1850) SINGLE ENDED (-) CIRCUIT			G
	U1262	SCP (J1850) COMMUNICATION BUS FAULT			G
		4 X 4 CONTROL MODULE DTC's			
	C1160	CENTER AXLE DISCONNECT (CAD) SYSTEM GENERAL FAILURE	G	G	G
	C1728	TRANSFER CASE UNABLE TO TRANSITION BETWEEN 2H AND 4H	G	G	G
	C1729	TRANSFER CASE UNABLE TO TRANSITION BETWEEN 4H AND 4L	G	G	G
	C1970	4 X 4 LOW MODE SWITCH LED SHORT TO BATTERY	G	G	G
	C1971	5 X 4 LOW MODE SWITCH LED CIRCUIT FAILURE	G	G	G
	C1979	IWE SOLENIOD CIRCUIT FAILURE	G	G	G
	C1980	IWE SOLENIOD SHORT TO BATTERY	G	G	G
		MISCELLANEOUS DTC's			
	B10A2	CRASH INPUT	G	G	G

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
	B1200	CRASH INPUT MISMATCH - CAN INACTIVE HARDWIRED ACTIVE	G	G	G
	B1207	CRASH INPUT HARDWIRED SIGNAL	G	G	G
	B1262	CRASH INPUT MISMATCH - CAN ACTIVE HARDWIRED INACTIVE	G	G	G
	B1317	BATTERY VOLTAGE HIGH	G	G	G
	B1318	BATTERY VOLTAGE LOW	G	G	G
	B1319	DRIVER DOOR AJAR CIRCUIT FAILURE			G
	B1322	DRIVER DOOR AJAR CIRCUIT SHORT TO GROUND	G	G	G
	B1342	ECU IS FAULTED	G	G	G
	B1355	IGNITION RUN CIRCUIT FAILURE	G	G	
	B1359	IGNITION RUN / ACC CIRCUIT FAILURE	G	G	
	B1483	BRAKE PEDAL INPUT CIRCUIT FAILURE	G	G	G
	B1485	BRAKE PEDAL INPUT CIRCUIT BATTERY SHORT	G	G	
	B1555	IGNITION RUN / START CIRCUIT FAILURE	G	G	G
	B2105	THROTTLE POSITION INPUT OUT OF RANGE LOW	G	G	G
	B2106	THROTTLE POSITION INPUT OUT OF RANGE HIGH	G	G	G
M W	C113A	WAKEUP CONTROL			
	U1900	CAN COMMUNICATION BUS FAULT - RECEIVE ERROR			G
	U1950	UBP COMMUNICATION BUS FAULT			G
	U2023	FAULT RECEIVED FROM EXTERNAL NODE			G
	U2226	UBP INVALID DATA FROM NODE ID \$10			G
	U2306	UBP INVALID DATA FROM NODE ID \$60			G
		STAND ALONE TRANSMISSION CONTROL MODULE DTC's			
	C1218	ABS WARNING LAMP OUT CIRCUIT FAILURE			
	C1222	WHEEL SPEED MISMATCH			
	C1296	WHEEL SPEED LF SIGNAL FAULT			
	C1297	WHEEL SPEED RF SIGNAL FAULT			
	C1298	WHEEL SPEED RR SIGNAL FAULT			
	C1299	WHEEL SPEED LR SIGNAL FAULT			
		STAND ALONE BATTERY ENERGY CONTROL MODULE DTC's			
	B10A2	CRASH INPUT	G	G	G

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
M	B11D5	RESTRAINTS EVENT - VEHICLE DISABLED			
	B11D8	RESTRAINTS EVENT NOTIFICATION			
	U1003	SYSTEM CLOCK			
	U1006	SUB NETWORK CAN INIALISATION FAILURE			
	U200D	CONTROL MODULE OUTPUT POWER "A"			
		NETWORK - SOFTWARE INCOMPATIBILITY DTC's			
M W	U0300	INTERNAL CONTROL MODULE SOFTWARE INCOMPATIBILITY	G	G	G * +
	U0301	SOFTWARE INCOMPATIBILITY WITH ENGINE / POWERTRAIN CONTROL MODULE			G
	U0302	SOFTWARE INCOMPATIBILITY WITH TRANSMISSION CONTROL MODULE			G
	U0306	SOFTWARE INCOMPATIBILITY WITH FUEL INJECTOR CONTROL MODULE			
M	U0309	SOFTWARE INCOMPATIBILITY WITH ALTERNATIVE FUEL CONTROL MODULE			G *
		J1850 / SCP / CAN NETWORK DTC's			
	U0001	HIGH SPEED CAN COMMUNICATION BUS	G	G	G
M	U0002	HIGH SPEED CAN COMMUNICATION BUS PERFORMANCE	G	G	G

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
	U0028	VEHICLE COMMUNICATION BUS "A"			
	U0029	VEHICLE COMMUNICATION BUS "A" PERFORMANCE			
	U0037	VEHICLE COMMUNICATION BUS "B"			
	U0046	VEHICLE COMMUNICATION BUS "C"			G
M W	U0073	CONTROL MODULE COMMUNICATION BUS "A" OFF	G	G	G
M	U0074	CONTROL MODULE COMMUNICATION BUS "B" OFF			
M W	U0100	LOST COMMUNICATION WITH ECM / PCM "A"			G
M	U0101	LOST COMMUNICATION WITH TCM	G	G	G *
M	U0102	LOST COMMUNICATION WITH TRANSFER CASE CONTROL MODULE			G
	U0103	LOST COMMUNICATION WITH GEAR SHIFT CONTROL MODULE "A"	G	G	G
	U0104	LOST COMMUNICATION WITH CRUISE CONTROL MODULE	G	G	G
	U0105	LOST COMMUNICATION WITH FUEL INJECTOR CONTROL MODULE			
M	U0106	LOST COMMUNICATION WITH GLOW PLUG CONTROL MODULE 1			
M	U0108	LOST COMMUNICATION WITH ALTERNATIVE FUEL CONTROL MODULE			G *
M	U0109	LOST COMMUNICATION WITH FUEL PUMP CONTROL MODULE "A"	G	G	G *
M	U010F	LOST COMMUNICATION WITH AIR CONDITIONING CONTROL MODULE			
M	U0111	LOST COMMUNICATION WITH BATTERY ENERGY CONTROL MODULE "A"			G
	U0113	LOST COMMUNICATION WITH EMISSIONS CRITICAL CONTROL INFORMATION			
	U0114	LOST COMMUNICATION WITH FOUR-WHEEL DRIVE CLUTCH CONTROL MODULE			G
W	U0115	LOST COMMUNICATION WITH ECM / PCM "B"			
	U0120	LOST COMMUNICATION WITH STARTER / GENERATOR CONTROL MODULE		G	G
M W	U0121	LOST COMMUNICATION WITH ANTI-LOCK BRAKE SYSTEM (ABS) CONTROL MODULE			G *
M	U0122	LOST COMMUNICATION WITH VEHICLE DYNAMICS CONTROL MODULE			G *
M	U0123	LOST COMMUNICATION WITH YAW RATE SENSOR MODULE			G *
	U0126	LOST COMMUNICATION WITH STEERING ANGLE SENSOR MODULE			G
W	U0129	LOST COMMUNICATION WITH BRAKE SYSTEM CONTROL MODULE "A"			G
	U012D	LOST COMMUNICATION WITH GENERATOR CONTROL MODULE	G	G	G
	U0131	LOST COMMUNICATION WITH POWER STEERING CONTROL MODULE			G
	U0137	LOST COMMUNICATION WITH TRAILER BRAKE CONTROL MODULE			
	U0138	LOST COMMUNICATION WITH ALL TERRAIN CONTROL MODULE	G	G	G

2014 OBD-II 5 DIGIT CODE INTERPRETATION

Indicator Light	CODE		Spark Ignition		
			KOEO	KOER	CONT
	U0139	LOST COMMUNICATION WITH SUSPENSION CONTROL MODULE			
	U0140	LOST COMMUNICATION WITH BODY CONTROL MODULE	G	G	G

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
	U0146	LOST COMMUNICATION WITH GATEWAY "A"	G	G	G
	U0151	LOST COMMUNICATION WITH RESTRAINTS CONTROL MODULE			G
M W	U0155	LOST COMMUNICATION WITH INSTRUMENT PANEL CLUSTER (IPC) CONTROL MODULE			G *
M W	U0164	LOST COMMUNICATION WITH HVAC CONTROL MODULE			G
	U0166	LOST COMMUNICATION WITH AUXILIARY HEATER CONTROL MODULE			
	U0167	LOST COMMUNICATION WITH VEHICLE IMMOBILIZER CONTROL MODULE	G	G	G
	U016A	LOST COMMUNICATION WITH GLOBAL POSITIONING SYSTEM MODULE			
	U0198	LOST COMMUNICATION WITH TELEMATIC CONTROL MODULE			
M	U019B	LOST COMMUNICATION WITH BATTERY CHARGER CONTROL MODULE			G
	U019E	LOST COMMUNICATION WITH TRANSMISSION RANGE CONTROL MODULE	G	G	G
	U019F	LOST COMMUNICATION WITH ENGINE COOLANT PUMP CONTROL MODULE	G	G	G
	U0212	LOST COMMUNICATION WITH STEERING COLUMN CONTROL MODULE			
	U0214	LOST COMMUNICATION WITH REMOTE FUNCTION ACTUATION			
	U0235	LOST COMMUNICATION WITH FRONT DISTANCE RANGE SENSOR	G	G	G
	U023A	LOST COMMUNICATION WITH IMAGE PROCESSING MODULE "A"			G
	U0284	LOST COMMUNICATION WITH ACTIVE GRILLE AIR SHUTTER MODULE "A"			G
	U0285	LOST COMMUNICATION WITH ACTIVE GRILLE AIR SHUTTER MODULE "B"			G
M	U0293	LOST COMMUNICATION WITH HYBRID / EV POWERTRAIN CONTROL MODULE	G	G	G *
W	U0294	LOST COMMUNICATION WITH POWERTRAIN CONTROL MONITOR MODULE			
	U0298	LOST COMMUNICATION WITH DC / DC CONVERTER CONTROL MODULE "A"			G
	U029A	LOST COMMUNICATION WITH HYBRID / EV BATTERY PACK SENSOR MODULE			G
M	U029D	LOST COMMUNICATION WITH NOx SENSOR "A"			
M	U029E	LOST COMMUNICATION WITH NOx SENSOR "B"			
M	U029F	LOST COMMUNICATION WITH EVAP SYSTEM LEAK DETECTION CONTROL MODULE		G	G *
M	U02A3	LOST COMMUNICATION WITH PM SENSOR			
M W	U0300	INTERNAL CONTROL MODULE SOFTWARE INCOMPATIBILITY	G	G	G * +
	U0301	SOFTWARE INCOMPATIBILITY WITH ENGINE / POWERTRAIN CONTROL MODULE			
	U0302	SOFTWARE INCOMPATIBILITY WITH TRANSMISSION CONTROL MODULE			G
	U0304	SOFTWARE INCOMPATIBILITY WITH GEAR SHIFT CONTROL MODULE "A"	G	G	G
	U0306	SOFTWARE INCOMPATIBILITY WITH FUEL INJECTOR CONTROL MODULE			

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
M	U0307	SOFTWARE INCOMPATIBILITY WITH GLOW PLUG CONTROL MODULE 1			
M	U0309	SOFTWARE INCOMPATIBILITY WITH ALTERNATIVE FUEL CONTROL MODULE			G *
M	U0312	SOFTWARE INCOMPATIBILITY WITH BATTERY ENERGY CONTROL MODULE "A"			
M	U030C	SOFTWARE INCOMPATIBILITY WITH REDUCTANT QUALITY MODULE			G *
M	U030D	SOFTWARE INCOMPATIBILITY WITH NO _x SENSOR "A"			G *
M	U030E	SOFTWARE INCOMPATIBILITY WITH NO _x SENSOR "B"			G *
	U031A	SOFTWARE INCOMPATIBILITY WITH TRANSMISSION RANGE CONTROL MODULE			G
	U0335	SOFTWARE INCOMPATIBILITY WITH HYBRID BATTERY PACK SENSOR MODULE			
	U0336	SOFTWARE INCOMPATIBILITY WITH RESTRAINTS CONTROL MODULE			
M	U0401	INVALID DATA RECEIVED FROM ECM / PCM "A"			
W	U0402	INVALID DATA RECEIVED FROM TRANSMISSION CONTROL MODULE (TCM)			G +
	U0404	INVALID DATA RECEIVED FROM GEAR SHIFT CONTROL MODULE "A"	G	G	G
	U0405	INVALID DATA RECEIVED FROM CRUISE CONTROL MODULE (TCM)	G	G	G
M	U0412	INVALID DATA RECEIVED FROM BATTERY ENERGY CONTROL MODULE "A"			
M	U0414	INVALID DATA RECEIVED FROM FOUR-WHEEL DRIVE CLUTCH CONTROL MODULE			
M W	U0415	INVALID DATA RECEIVED FROM ANTI-LOCK BRAKE SYSTEM CONTROL MODULE		G	G
	U0416	INVALID DATA RECEIVED FROM VEHICLE DYNAMICS CONTROL MODULE			G

Indicator Light	CODE	2014 OBD-II 5 DIGIT CODE INTERPRETATION	Spark Ignition		
			KOEO	KOER	CONT
M W	U0418	INVALID DATA RECEIVED FROM BRAKE SYSTEM CONTROL MODULE			G
	U041E	INVALID DATA RECEIVED FROM ALL WHEEL DRIVE CONTROL MODULE			
	U0422	INVALID DATA RECEIVED FROM BODY CONTROL MODULE	G	G	G
M	U0423	INVALID DATA RECEIVED FROM INSTRUMENT PANEL CLUSTER CONTROL MODULE	G	G	G *
M	U0424	INVALID DATA RECEIVED FROM HVAC CONTROL MODULE			
	U0426	INVALID DATA RECEIVED FROM VEHICLE IMMOBILIZER CONTROL MODULE			G
	U0428	INVALID DATA RECEIVED FROM STEERING ANGLE SENSOR MODULE			G
	U042E	INVALID DATA RECEIVED FROM GENERATOR CONTROL MODULE	G	G	G
	U0433	INVALID DATA RECEIVED FROM FRONT DISTANCE RANGE SENSOR	G	G	G
M	U0441	INVALID DATA RECEIVED FROM EMISSIONS CRITICAL CONTROL INFORMATION			
	U0452	INVALID DATA RECEIVED FROM RESTRAINTS CONTROL MODULE	G	G	G
	U0469	INVALID DATA RECEIVED FROM STARTER / GENERATOR CONTROL MODULE			G
	U049F	INVALID DATA RECEIVED FROM TRANSMISSION RANGE CONTROL MODULE	G	G	G
M	U04A4	INVALID DATA RECEIVED FROM PM SENSOR			
	U0515	INVALID DATA RECEIVED FROM REMOTE FUNCTION ACTUATION			
	U0585	INVALID DATA RECEIVED FROM ACTIVE GRILLE AIR SHUTTER CONTROL MODULE "A"			G
	U0586	INVALID DATA RECEIVED FROM ACTIVE GRILLE AIR SHUTTER CONTROL MODULE "B"			G
	U0588	INVALID DATA RECEIVED FROM TRANSMISSION FLUID PUMP MODULE "A"			G
M	U0594	INVALID DATA RECEIVED FROM HYBRID / EV POWERTRAIN CONTROL MODULE	G	G	G *
	U0599	INVALID DATA RECEIVED FROM DC / DC CONVERTER CONTROL MODULE "A"			
M	U05A0	INVALID DATA RECEIVED FROM EVAP SYSTEM LEAK DETECTION CONTROL MODULE		G	G *
M	U05A1	NOx SENSOR "A" RECEIVED INVALID DATA FROM ECM / PCM			
M	U05A2	NOx SENSOR "B" RECEIVED INVALID DATA FROM ECM / PCM			
	U1003	SYSTEM CLOCK			
	U1006	SUB NETWORK CAN INITIALIZATION FAILURE			
	U1010	INVALID INTERNAL CONTROL MODULE MONITORING DATA RECEIVED FROM HYBRID / EV PCM			G
M	U1011	INVALID INTERNAL CONTROL MODULE MONITORING DATA RECEIVED FROM ECM / PCM			
M W	U1012	INVALID INTERNAL CONTROL MODULE MONITORING DATA RECEIVED FROM ABS MODULE			G
	U1013	INVALID INTERNAL CONTROL MODULE MONITORING DATA RECEIVED FROM TCM			G
	U101E	INVALID INTERNAL CONTROL MODULE MONITORING DATA RECEIVED FROM GEAR SHIFT MODULE			G
	U101F	INVALID INTERNAL CONTROL MODULE MONITORING DATA RECEIVED FROM TRANS RANGE CONTROL MODULE			G

2014 OBD-II 5 DIGIT CODE INTERPRETATION

Indicator Light	CODE		Spark Ignition		
			KOEO	KOER	CONT
	U1021	SCP (J1850) INVALID OR MISSING DATA FOR A/C CLUTCH SENSE INPUT	G	G	G
	U1025	ABS CONTROL MODULE COMMUNICATION BUS OFF			
	U1026	ABS CONTROL MODULE LOST COMMUNICATION WITH HYBRID/EV POWERTRAIN CONTROL MODULE			
	U1027	ABS CONTROL MODULE LOST COMMUNICATION WITH ECM/PCM "A"			
	U1028	ABS CONTROL MODULE RECEIVED INVALID DATA FROM HYBRID/EV CONTROL MODULE			
	U1029	ABS CONTROL MODULE RECEIVED INVALID DATA FROM ECM/PCM "A"			G
	U1030	SOFTWARE INCOMPATIBILITY WITH HYBRID/EV BATTERY			
M	U1039	SCP (J1850) INVALID OR MISSING DATA FOR VEHICLE SPEED	G	G	G *
	U1051	SCP (J1850) INVALID OR MISSING DATA FOR BRAKE INPUT	G	G	G
M	U1055	LOST COMMUNICATION WITH INSTRUMENT PANEL CLUSTER (IPC) CONTROL MODULE			G *
	U1073	SCP (J1850) INVALID OR MISSING DATA FOR ENGINE COOLANT FAN STATUS	G	G	G
	U1075	SCP (J1850) INVALID OR MISSING DATA FOR ENGINE OIL TEMPERATURE	G	G	G
	U1131	SCP (J1850) INVALID OR MISSING DATA FOR FUEL PUMP STATUS	G	G	G
	U1135	SCP (J1850) INVALID OR MISSING DATA FOR IGNITION SWITCH / STARTER	G	G	G
	U1451	SCP (J1850) INVALID OR MISSING DATA FROM ANTI - THEFT MODULE, VEHICLE IMMOBILIZED	G		
	U1900	CAN COMMUNICATION BUS FAULT - RECEIVE ERROR			G
	U1950	UBP COMMUNICATION BUS FAULT			G
	U200D	CONTROL MODULE OUTPUT POWER "A"			
M	U2012	CAR CONFIGURATION PARAMETER(S)			G *
M	U2015	SCP (J1850) INVALID OR MISSING DATA FROM NGV MODULE	G	G	G *
	U2023	FAULT RECEIVED FROM EXTERNAL NODE			G
	U2050	NO APPLICATION PRESENT			G
	U2051	ONE OR MORE CALIBRATION FILES MISSING / CORRUPT			
	U210B	LOST COMMUNICATION BETWEEN FUEL PUMP CONTROL AND RESTRAINTS CONTROL MODULES	G	G	G
	U2226	UBP INVALID DATA FROM NODE ID \$10			G
	U2306	UBP INVALID DATA FROM NODE ID \$60			G
		CONTROL MODULE / POWER DISTRIBUTION DTC's			
M	U3000	CONTROL MODULE			
	U3001	CONTROL MODULE IMPROPER SHUTDOWN PERFORMANCE			
	U3003	BATTERY VOLTAGE			