| Indicator Light | CODE | 2012 OBD-II CODES | Spark Ignition | | | TCM / BECM | | |
|---|---|---|---|---|---|---|---|---|
| | | | KOEO | KOER | CONT | 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 | | | |
| | 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 | | | | | | |
| | 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 | 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 * | | | |

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| **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 | | | | | | |
| **M** | P006D | BAROMETRIC PRESSURE - TURBO / SUPERCHARGER INLET PRESSURE CORRELATION | | | | | | |
| **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** | 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 | | | | | | |
| **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 | | | |
| | 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 * | | | |
| **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 * | | | |

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| **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 * | | | |
| **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 * | | | |
| **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 * | | | |

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| **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 * | | | |
| | 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 | FLEXIBLE FUEL SENSOR (FFS) CIRCUIT | | G | 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 * | | | |
| **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** | 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 (TFT) OVER TEMPERATURE CONDITION | G | G | G | | | T * |
| **M** | P0219 | ENGINE OVER SPEED CONDITION | | | G | | | T * |
| | 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 | | | |
| **M W** | P0222 | THROTTLE / PEDAL POSITION SENSOR / SWITCH "B" (TP-B) CIRCUIT LOW | G | G | G * + | | | |

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| **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 | | | |
| | P025A | FUEL PUMP MODULE "A" CONTROL CIRCUIT / OPEN | G | G | G | | | |
| | 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 | | | | | | |
| **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 | | | | | | |
| **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 | | | | | | |

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| **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 | | | | | | |
| **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 * | | | |
| **M** | P0305 | CYLINDER #5 - MISFIRE DETECTED | | | G * | | | |
| **M** | P0306 | CYLINDER #6 - MISFIRE DETECTED | | | G * | | | |
| **M** | P0307 | CYLINDER #7 - MISFIRE DETECTED | | | G * | | | |
| **M** | P0308 | CYLINDER #8 - MISFIRE DETECTED | | | G * | | | |
| **M** | P0309 | CYLINDER #9 - MISFIRE DETECTED | | | G * | | | |
| **M** | P0310 | CYLINDER #10 - MISFIRE DETECTED | | | 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 CIRCUIT "A" | | | G * | | | |

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| **M** | P0336 | CRANKSHAFT POSITION (CKP) SENSOR CIRCUIT "A" RANGE / PERFORMANCE | | | G * | | | |
| **M** | P0337 | CRANKSHAFT POSITION (CKP) SENSOR CIRCUIT "A" LOW | | | | | | |
| **M** | P0338 | CRANKSHAFT POSITION (CKP) SENSOR CIRCUIT "A" HIGH | | | | | | |
| **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) | | | | | | |
| **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 * | | | |
| **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 | | | | | | |

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| **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 (EGR0 "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** | P0440 | EVAPORATIVE EMISSION SYSTEM | | | G * | | | |
| **M** | P0441 | EVAPORATIVE EMISSION SYSTEM INCORRECT PURGE FLOW | | | G * | | | |
| **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 | | | |
| | 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 * | | | |

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| **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 | | | | | | |
| **M** | P04E2 | CRANKCASE VENTILATION HOSE CONNECTION SENSOR CIRCUIT LOW | | | | | | |
| **M** | P04E3 | CRANKCASE VENTILATION HOSE CONNECTION SENSOR CIRCUIT HIGH | | | | | | |
| **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 * | | | |
| **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 | | | 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 | | | |

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| | P0558 | BRAKE BOOSTER PRESSURE SENSOR CIRCUIT HIGH | G | G | G | | | |
| | P0560 | SYSTEM VOLTAGE | | | G | | | T |
| M W | P0562 | SYSTEM VOLTAGE LOW | G | G | G | | | T * + |
| M W | P0563 | SYSTEM VOLTAGE HIGH | G | G | G | | | T * + |
| | 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 | | | |
| | 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 | | | | | | |
| | P059F | ACTIVE GRILLE AIR SHUTTER "A" PERFORMANCE / STUCK OFF | | | | | | |
| | P05A1 | ACTIVE GRILLE AIR SHUTTER "A" POSITION SENSOR MINIMUM / MAXIMUM STOP PERFORMANCE | | | | | | |
| | P05A2 | ACTIVE GRILLE AIR SHUTTER "A" CONTROL CIRCUIT / OPEN | | | | | | |
| | P05A7 | ACTIVE GRILLE AIR SHUTTER "A" SUPPLY VOLTAGE CIRCUIT / OPEN | | | | | | |
| | P05C0 | ACTIVE GRILLE AIR SHUTTER MODULE "A" OVER TEMPERATURE | | | | | | |
| M W | P0600 | SERIAL COMMUNICATION LINK | | | G * + | | | |
| M W | P0601 | INTERNAL CONTROL MODULE MEMORY CHECKSUM ERROR | | | G * | | | T * + |
| M | P0602 | POWERTRAIN CONTROL MODULE PROGRAMMING ERROR | G | G | G * | | | T * |
| M W | P0603 | INTERNAL CONTROL MODULE KEEP ALIVE MEMORY (KAM) ERROR | G | | G * | | | T * + |
| M W | P0604 | INTERNAL CONTROL MODULE RANDOM ACCESS MEMORY (RAM) ERROR | | | G * | T | | T * + |
| M | P0605 | INTERNAL CONTROL MODULE READ ONLY MEMORY (ROM) ERROR | G | | G * | | | T * |
| M | P0606 | ECM / PCM PROCESSOR | | | G * | | | |
| M | P0607 | CONTROL MODULE PERFORMANCE | | | G * | | | T * |
| | 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 * | | | T |
| M | P0611 | FUEL INJECTOR CONTROL MODULE PERFORMANCE | | | | | | |
| M | P0613 | TCM PPROCESSOR | G | | G * | T | | T * |
| | P0614 | ECM / TCM INCOMPATIBLE | | | G | | | |
| | P0615 | STARTER RELAY CIRCUIT | G | G | G | | | T |
| | P0616 | STARTER RELAY CIRCUIT LOW | G | G | G | | | |
| | P0617 | STARTER RELAY CIRCUIT HIGH | G | G | G | | | |
| 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 * + | | | |
| | 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 | | | |

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| | 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 * | | | T * |
| **M** | P0630 | VIN NOT PROGRAMMED OR INCOMPATIBLE - ECM/PCM | G | G | G * | | | |
| **M** | P0634 | CONTROL MODULE INTERNAL TEMPERATURE "A" TOO HIGH | | | | | | T * |
| **M** | P0638 | THROTTLE ACTUATOR CONTROL RANGE/PERFORMANCE - BANK1 | | | G * | | | |
| **M** | P0639 | THROTTLE ACTUATOR CONTROL RANGE/PERFORMANCE - BANK2 | | | G * | | | |
| | P0640 | INTAKE AIR HEATER CONTROL CIRCUIT | | | | | | |
| **M** | P0641 | SENSOR REFERENCE VOLTAGE "A" CIRCUIT / OPEN | | | G * | | | T * |
| **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 | | | 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 * | | | |
| **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 * | T | | T * |
| **M** | P0658 | ACTUATOR SUPPLY VOLTAGE "A" CIRCUIT LOW | | | | T | | T * |
| **M** | P0659 | ACTUATOR SUPPLY VOLTAGE "A" CIRCUIT HIGH | | | | T | | T * |
| | 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 | | | | | | T |
| **M** | P0667 | CONTROL MODULE INTERNAL TEMPERATURE SENSOR "A" RANGE / PERFORMANCE | | | | | | T * |
| | 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 | | | | | | |

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| **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 | | | | T | | T * |
| **M** | P06A7 | SENSOR REFERENCE VOLTAGE "B" CIRCUIT RANGE / PERFORMANCE | | | | T | | T * |
| **M** | P06A8 | SENSOR REFERENCE VOLTAGE "C" CIRCUIT RANGE / PERFORMANCE | | | | T | | T * |
| **M W** | P06AF | TORQUE MANAGEMENT SYSTEM - FORCED ENGINE SHUTDOWN | G | G | G * **+** | | | |
| **M** | P06B1 | SENSOR POWER SUPPLY "A" CIRCUIT LOW | | | | | | T * |
| **M** | P06B2 | SENSOR POWER SUPPLY "A" CIRCUIT HIGH | | | | | | T * |
| **M** | P06B4 | SENSOR POWER SUPPLY "B" CIRCUIT LOW | | | | | | T * |
| **M** | P06B5 | SENSOR POWER SUPPLY "B" CIRCUIT HIGH | | | | | | T * |
| **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 * | | | T * |
| **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 | | | | | | |
| | P06E9 | ENGINE STARTER PERFORMANCE | | | G | | | |
| **M** | P06EA | NOx SENSOR PROCESSOR PERFORMANCE (Bank 1 Sensor 1) | | | | | | |
| | P0700 | TRANSMISSION CONTROL SYSTEM (MIL requested) | G | G | G | | | |
| **M W** | P0701 | TRANSMISSION CONTROL SYSTEM RANGE / PERFORMANCE | | | G * **+** | | | T * **+** |
| **M W** | P0702 | TRANSMISSION CONTROL SYSTEM ELECTRICAL | G | | G * | T | | T * **+** |
| **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 * | | | T * **+** |

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| **M** | P0706 | TRANSMISSION RANGE SENSOR "A" CIRCUIT RANGE / PERFORMANCE | G | G | G * | T | T | T * |
| **M W** | P0707 | TRANSMISSION RANGE SENSOR "A" CIRCUIT LOW | G | G | G * + | T | T | T * + |
| **M W** | P0708 | TRANSMISSION RANGE SENSOR "A" CIRCUIT HIGH | G | G | G * + | T | T | T * + |
| **M W** | P0709 | TRANSMISSION RANGE SENSOR "A" CIRCUIT INTERMITTENT | | | G * | T | T | T + |
| **M O/D W** | P0710 | TRANSMISSION FLUID TEMPERATURE (TFT) SENSOR "A" CIRCUIT | G | G | G * + | | | T * |
| **M O/D W** | P0711 | TRANSMISSION FLUID TEMPERATURE SENSOR "A" CIRCUIT RANGE / PERFORMANCE | G | G | G * ^ | | | T * + |
| **M O/D W** | P0712 | TRANSMISSION FLUID TEMPERATURE (TFT) SENSOR "A" CIRCUIT LOW | G | G | G * + ^ | | | T * + |
| **M O/D W** | P0713 | TRANSMISSION FLUID TEMPERATURE (TFT) SENSOR "A" CIRCUIT HIGH INPUT | G | G | G * + ^ | | | T * + |
| **M** | P0714 | TRANSMISSION FLUID TEMPERATURE (TFT) SENSOR "A" CIRCUIT INTERMITTENT | | | G * | | | T * |
| **M W** | P0715 | INPUT / TURBINE SHAFT SPEED (TSS) SENSOR "A" CIRCUIT | | G | G * + | T | | T * |
| **M** | P0716 | INPUT / TURBINE SHAFT SPEED (TSS) SENSOR "A" CIRCUIT RANGE PERFORMANCE | | | G * | | | T * |
| **M O/D W** | P0717 | INPUT / TURBINE SHAFT SPEED (TSS) SENSOR "A" CIRCUIT NO SIGNAL | | G | G ^ + | | | T * + |
| **M O/D W** | P0718 | INPUT / TURBINE SHAFT SPEED (TSS) SENSOR "A" CIRCUIT INTERMITTENT | | G | G ^ + | | | T + |
| **M W** | P0720 | OUTPUT SHAFT SPEED (OSS) SENSOR CIRCUIT | | | G * + | T | | T * |
| **M O/D W** | P0721 | OUTPUT SHAFT SPEED (OSS) SENSOR CIRCUIT RANGE / PERFORMANCE | | | G ^ + | | | T * |
| **M O/D W** | P0722 | OUTPUT SHAFT SPEED (OSS) SENSOR CIRCUIT NO SIGNAL | | | G ^ + | | | T * + |
| **M W** | P0723 | OUTPUT SHAFT SPEED (OSS) SENSOR CIRCUIT INTERMITTENT | | | G | | | T * + |
| **M** | P0725 | ENGINE SPEED INPUT CIRCUIT (RPM) | | | G * | | | |
| | P0726 | ENGINE SPEED INPUT CIRCUIT RANGE PERFORMANCE | | | G | | | T |
| | P0727 | ENGINE SPEED INPUT CIRCUIT NO SIGNAL | | | G | | | T |
| **M O/D W** | P0729 | GEAR 6 INCORRECT RATIO | | | G * ^ + | | | T * + |
| **M** | P072B | STUCK IN REVERSE | | | | | | T * |
| **M** | P072C | STUCK IN GEAR 1 | | | G * | | | T * |
| **M** | P072D | STUCK IN GEAR 2 | | | G * | | | T * |
| **M** | P072E | STUCK IN GEAR 3 | | | G * | | | T * |
| **M** | P072F | STUCK IN GEAR 4 | | | G * | | | T * |
| **M O/D** | P0730 | INCORRECT GEAR RATIO | | | G * | | | T * |
| **M O/D W** | P0731 | GEAR 1 (1GR) INCORRECT RATIO | | | G * + ^ | | | T * + |
| **M O/D W** | P0732 | GEAR 2 (2GR) INCORRECT RATIO | | | G * + ^ | | | T * + |
| **M O/D W** | P0733 | GEAR 3 (3GR) INCORRECT RATIO | | | G * + ^ | | | T * + |
| **M O/D W** | P0734 | GEAR 4 (4GR) INCORRECT RATIO | | | G * + ^ | | | T * + |
| **M O/D W** | P0735 | GEAR 5 (5GR) INCORRECT RATIO | | | G * + ^ | | | T * + |
| **M** | P0736 | REVERSE INCORRECT RATIO | | | G * | | | T * |
| **M** | P0737 | TCM ENGINE SPEED OUTPUT CIRCUIT | | G | G * | | | |
| **M** | P073A | STUCK IN GEAR 5 | | | G * | | | T * |
| **M** | P073B | STUCK IN GEAR 6 | | | G * | | | T * |
| **W** | P073E | UNABLE TO ENGAGE REVERSE | | | G | | | T + |
| **W** | P073F | UNABLE TO ENGAGE GEAR 1 | | | G | | | T + |
| **M O/D W** | P0740 | TORQUE CONVERTER CLUTCH (TCC) SOLENOID CIRCUIT / OPEN | G | | G * + ^ | | | T * |
| **M O/D W** | P0741 | TORQUE CONVERTER CLUTCH (TCC) SOLENOID CIRCUIT PERF. OR STUCK OFF | G | | G * + ^ | | | T * |
| **M W** | P0742 | TORQUE CONVERTER CLUTCH (TCC) SOLENOID CIRCUIT STUCK ON | G | | G * + | | | T * |
| **M O/D W** | P0743 | TORQUE CONVERTER CLUTCH (TCC) SOLENOID CIRCUIT ELECTRICAL | G | | G * + | | | T * |
| **M** | P0744 | TORQUE CONVERTER CLUTCH (TCC) SOLENOID CIRCUIT INTERMITTENT | | | G * | | | T * |
| **M** | P0745 | PRESSURE CONTROL SOLENOID "A" | | | G * | | | |
| **M** | P0746 | PRESSURE CONTROL SOLENOID "A" PERFORMANCE OR STUCK OFF | | | G * | | | T * |
| **M** | P0747 | PRESSURE CONTROL SOLENOID "A" STUCK ON | | | G * | | | T * |
| **W O/D** | P0748 | PRESSURE CONTROL SOLENOID "A" ELECTRICAL | | | G + ^ | | | |
| **M W** | P074A | UNABLE TO ENGAGE GEAR 2 | | | G * + | | | T + |
| **M W** | P074B | UNABLE TO ENGAGE GEAR 3 | | | G * + | | | T + |
| **M W** | P074C | UNABLE TO ENGAGE GEAR 4 | | | G * + | | | T + |
| **M W** | P074D | UNABLE TO ENGAGE GEAR 5 | | | G * + | | | T + |
| **M W** | P074E | UNABLE TO ENGAGE GEAR 6 | | | G * + | | | T + |
| **M** | P0750 | SHIFT SOLENOID "A" | G | | G * | | | |
| **M** | P0751 | SHIFT SOLENOID "A" PERFORMANCE OR STUCK OFF | | | G * | | | T * |
| **M** | P0752 | SHIFT SOLENOID "A" STUCK ON | | | G * | | | T * |
| **M O/D W** | P0753 | SHIFT SOLENOID "A" ELECTRICAL | G | | G * + ^ | | | |

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| **W** | P0754 | SHIFT SOLENOID "A" INTERMITTENT | | | G **+** | | | |
| **M** | P0755 | SHIFT SOLENOID "B" | G | | G * | | | |
| **M** | P0756 | SHIFT SOLENOID "B" PERFORMANCE OR STUCK OFF | | | G * | | | T * |
| **M** | P0757 | SHIFT SOLENOID "B" STUCK ON | | | G * | | | T * |
| **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 * | | | T * |
| **M** | P0762 | SHIFT SOLENOID "C" STUCK ON | | | G * | | | T * |
| **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 * | | | T * |
| **M** | P0767 | SHIFT SOLENOID "D" STUCK ON | | | G * | | | T * |
| **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 * | | | T * |
| **M** | P0771 | SHIFT SOLENOID "E" PERFORMANCE OR STUCK OFF | | | G * | | | T * |
| **M** | P0772 | SHIFT SOLENOID "E" STUCK ON | | | G * | | | T * |
| **M O/D W** | P0773 | SHIFT SOLENOID "E" ELECTRICAL | G | | G * **+** ^ | | | |
| **W** | P0774 | SHIFT SOLENOID "E" INTERMITTENT | | | G **+** | | | T |
| **M** | P0775 | PRESSURE CONTROL SOLENOID "B" | | | G * | | | |
| **M** | P0776 | PRESSURE CONTROL SOLENOID "B" PERFORMANCE OR STUCK OFF | | | G * | | | T * |
| **M** | P0777 | PRESSURE CONTROL SOLENOID "B" STUCK ON | | | G * | | | T * |
| **O/D** | P0778 | PRESSURE CONTROL SOLENOID "B" ELECTRICAL | | | G ^ | | | |
| **O/D** | P0779 | PRESSURE CONTROL SOLENOID "B" INTERMITTENT | G | | G ^ | | | |
| **M** | P0780 | SHIFT MALFUNCTION | | | G * | | | T * |
| **M O/D** | P0781 | 1-2 SHIFT | | | G ^ | | | T * |
| **M O/D** | P0782 | 2-3 SHIFT | | | G ^ | | | T * |
| **M O/D** | P0783 | 3-4 SHIFT | | | G ^ | | | T * |
| **M** | P0784 | 4-5 SHIFT | | | G * | | | T * |
| **M** | P0790 | NORMAL / PERFORMANCE SWITCH CIRCUIT | | | G | | | T * |
| **M O/D** | P0791 | INTERMEDIATE SHAFT SPEED (ISS) SENSOR "A" CIRCUIT | | G | G ^ | | | T * |
| **M** | P0792 | INTERMEDIATE SHAFT SPEED (ISS) SENSOR "A" CIRCUIT RANGE PERFORMANCE | | | G * | | | T * |
| **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 ^ | | | T * |
| **M** | P0795 | PRESSURE CONTROL SOLENOID "C" | | | G * | | | |
| **M** | P0796 | PRESSURE CONTROL SOLENOID "C" PERFORMANCE OR STUCK OFF | G | | G * | | | T * |
| **M** | P0797 | PRESSURE CONTROL SOLENOID "C" STUCK ON | G | | G * | | | T * |
| **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 | | | | | | T * |
| **M** | P07A3 | TRANSMISSION FRICTION ELEMENT "A" STUCK ON | | | | | | T * |
| **M** | P07A4 | TRANSMISSION FRICTION ELEMENT "B" PERFORMANCE / STUCK OFF | | | | | | T * |
| **M W** | P07A5 | TRANSMISSION FRICTION ELEMENT "B" STUCK ON | | | G **+** | | | T * |
| **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 **+** | | | |
| | P0801 | REVERSE INHIBIT CONTROL CIRCUIT / OPEN | G | | G | | | |
| | P0803 | UPSHIFT / SKIP SHIFT SOLENIOD CONTROL CIRCUIT | G | | G | | | |
| **M** | P0805 | CLUTCH POSITION SENSOR "A" CIRCUIT | | | | T | | T * |
| **M** | P0806 | CLUTCH POSITION SENSOR "A" CIRCUIT RANGE / PERFORMANCE | | | | T | | T * |
| **M** | P0809 | CLUTCH POSITION SENSOR "A" CIRCUIT INTERMITTENT | | | | T | | T * |
| | P0810 | CLUTCH POSITION CONTROL ERROR | | | | | | T |
| **M** | P0811 | EXCESSIVE CLUTCH A SLIPPAGE | | | | | | T * |
| | P0812 | REVERSE INPUT CIRCUIT | | | G | | | |

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| **W** | P0813 | REVERSE OUTPUT CIRCUIT | | | | | | T + |
| | P0814 | TRANSMISSION RANGE DISPLAY CIRCUIT | | | G | | | |
| **W** | P0815 | UPSHIFT SWITCH CIRCUIT | G | G | G + | | | |
| **W** | P0816 | DOWNSHIFT SWITCH CIRCUIT | G | G | G + | | | T |
| **W** | P0817 | STARTER DISABLE CIRCUIT / OPEN | | | | | | T + |
| | P0818 | DRIVELINE DISCONNECT SWITCH INPUT CIRCUIT | G | | | | | T |
| **W** | P0819 | UP AND DOWN SHIFT SWITCH TO TRANSMISSION RANGE CORRELATION | | | | | | T + |
| | P081A | STARTER DISABLE CIRCUIT LOW | | | | | | T |
| | P081B | STARTER DISABLE CIRCUIT HIGH | | | | | | T |
| | P081C | PARK INPUT CIRCUIT | | | | | | T |
| **M** | P081E | EXCESSIVE CLUTCH "B" SLIPPAGE | | | | | | T * |
| | P0826 | UP AND DOWN SWITCH CIRCUIT | | | | | | T |
| **M** | P0829 | 5 - 6 SHIFT | | | | | | T * |
| | 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 | | | T * |
| **M** | P0841 | TRANSMISSION FLUID PRESSURE SENSOR / SWITCH "A" CIRCUIT RANGE / PERFORMANCE | | | G | | | T * |
| **M** | P0842 | TRANSMISSION FLUID PRESSURE SENSOR / SWITCH "A" CIRCUIT LOW | | | | | | T * |
| **M** | P0843 | TRANSMISSION FLUID PRESSURE SENSOR / SWITCH "A" CIRCUIT HIGH | | | | | | T * |
| | P0844 | TRANSMISSION FLUID PRESSURE SENSOR / SWITCH "A" CIRCUIT INTERMITTENT | | | G | | | |
| **M O/D** | P0845 | TRANSMISSION FLUID PRESSURE SENSOR / SWITCH "B" CIRCUIT | | | | | | T * |
| **M** | P0846 | TRANSMISSION FLUID PRESSURE SENSOR / SWITCH "B" CIRCUIT RANGE / PERFORMANCE | | | G | | | T * |
| **M** | P0847 | TRANSMISSION FLUID PRESSURE SENSOR / SWITCH "B" CIRCUIT LOW | | | | | | T * |
| **M** | P0848 | TRANSMISSION FLUID PRESSURE SENSOR / SWITCH "B" CIRCUIT HIGH | | | | | | T * |
| **M** | P0850 | PARK / NEUTRAL SWITCH INPUT CIRCUIT | | G | G * | | | |
| | P0851 | PARK / NEUTRAL SWITCH INPUT CIRCUIT LOW | | G | G | | | |
| | P085D | GEAR SHIFT CONTROL MODULE "A" PERFORMANCE | | | G | | | T |
| | P0860 | GEAR SHIFT CONTROL MODULE "A" COMMUNICATION CIRCUIT | | | 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 | | | | T | | T |
| | P0894 | TRANSMISSION COMPONENT SLIPPING | | | G | | | |
| | P0897 | TRANSMISSION FLUID DETERIORATED | | | G | | | |
| **M** | P0900 | CLUTCH "A" ACTUATOR CONTROL CIRCUIT / OPEN | | | G * | T | | T * |
| **W** | P0901 | CLUTCH "A" ACTUATOR CONTROL CIRCUIT RANGE PERFORMANCE | | | | T | | T + |
| **M** | P0902 | CLUTCH "A" ACTUATOR CONTROL CIRCUIT LOW | | | G * | T | | T * |
| **M** | P0903 | CLUTCH "A" ACTUATOR CONTROL CIRCUIT HIGH | | | G * | T | | T * |
| **M** | P090A | CLUTCH "B" ACTUATOR CONTROL CIRCUIT / OPEN | | | | T | | T * |
| **W** | P090B | CLUTCH "B" ACTUATOR CONTROL CIRCUIT RANGE PERFORMANCE | | | | T | | T + |
| **M** | P090C | CLUTCH "B" ACTUATOR CONTROL CIRCUIT LOW | | | | T | | T * |
| **M** | P090D | CLUTCH "B" ACTUATOR CONTROL CIRCUIT HIGH | | | | T | | T * |
| | P092C | GEAR SHIFT LOCK SOLENIOD / ACTUATOR CIRCUIT "B" LOW | | | G | | | T |
| | P092D | GEAR SHIFT LOCK SOLENIOD / ACTUATOR CIRCUIT "B" HIGH | | | G | | | T |
| | P0930 | GEAR SHIFT LOCK SOLENIOD / ACTUATOR CIRCUIT "A" LOW | | | G | | | T |
| | P0931 | GEAR SHIFT LOCK SOLENIOD / ACTUATOR CIRCUIT "A" HIGH | | | G | | | T |
| | P0932 | HYDRAULIC PRESSURE SENSOR CIRCUIT | G | | G | | | |
| | P0937 | HYDRAULIC OIL TEMPERATURE SENSOR CIRCUIT | G | | G | | | |

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| | P0939 | HYDRAULIC OIL TEMPERATURE SENSOR CIRCUIT LOW | G | | G | | | |
| | P0940 | HYDRAULIC OIL TEMPERATURE SENSOR CIRCUIT HIGH | G | | G | | | |
| **M** | P0942 | HYDRAULIC PRESSURE UNIT | | | | | | T * |
| **M O/D** | P0960 | PRESSURE CONTROL SOLENOID "A" CONTROL CIRCUIT / OPEN | G | | G * ^ | | | T * |
| **M W** | P0961 | PRESSURE CONTROL SOLENOID "A" CONTROL CIRCUIT RANGE PERFORMANCE | G | | G + | | | T * + |
| **M W** | P0962 | PRESSURE CONTROL SOLENOID "A" CONTROL CIRCUIT LOW | G | | G * | T | | T * + |
| **M W** | P0963 | PRESSURE CONTROL SOLENOID "A" CONTROL CIRCUIT HIGH | G | | G * | T | | T * + |
| **M O/D** | P0964 | PRESSURE CONTROL SOLENOID "B" CONTROL CIRCUIT / OPEN | G | | G ^ | | | T * |
| **M** | P0965 | PRESSURE CONTROL SOLENOID "B" CONTROL CIRCUIT RANGE PERFORMANCE | | | G * | | | T * |
| **M** | P0966 | PRESSURE CONTROL SOLENOID "B" CONTROL CIRCUIT LOW | G | | G * | | | T * |
| **M O/D** | P0967 | PRESSURE CONTROL SOLENOID "B" CONTROL CIRCUIT HIGH | G | | G ^ | | | T * |
| **M O/D** | P0968 | PRESSURE CONTROL SOLENOID "C" CONTROL CIRCUIT / OPEN | G | | G ^ | | | T * |
| **M** | P0970 | PRESSURE CONTROL SOLENOID "C" CONTROL CIRCUIT LOW | G | | G * | | | T * |
| **M O/D** | P0971 | PRESSURE CONTROL SOLENOID "C" CONTROL CIRCUIT HIGH | G | | G ^ | | | T * |
| **M O/D** | P0972 | SHIFT SOLENOID "A" CONTROL CIRCUIT RANGE / PERFORMANCE | | | G * | | | T * |
| **M W** | P0973 | SHIFT SOLENOID "A" CONTROL CIRCUIT LOW | G | | G * + | T | | T * + |
| **M W** | P0974 | SHIFT SOLENOID "A" CONTROL CIRCUIT HIGH | G | | G * + | T | | T * + |
| **M O/D** | P0975 | SHIFT SOLENOID "B" CONTROL CIRCUIT RANGE / PERFORMANCE | | | G * | | | T * |
| **M W** | P0976 | SHIFT SOLENOID "B" CONTROL CIRCUIT LOW | G | | G * + | T | | T * + |
| **M W** | P0977 | SHIFT SOLENOID "B" CONTROL CIRCUIT HIGH | G | | G * + | T | | T * + |
| **M O/D W** | P0978 | SHIFT SOLENOID "C" CONTROL CIRCUIT RANGE / PERFORMANCE | | | G * + | | | T * + |
| **M W** | P0979 | SHIFT SOLENOID "C" CONTROL CIRCUIT LOW | G | | G * + | T | | T * + |
| **M W** | P0980 | SHIFT SOLENOID "C" CONTROL CIRCUIT HIGH | G | | G * + | T | | T * + |
| **M O/D W** | P0981 | SHIFT SOLENOID "D" CONTROL CIRCUIT RANGE / PERFORMANCE | | | G * + | | | T * + |
| **M W** | P0982 | SHIFT SOLENOID "D" CONTROL CIRCUIT LOW | G | | G * + | T | | T * + |
| **M W** | P0983 | SHIFT SOLENOID "D" CONTROL CIRCUIT HIGH | G | | G * + | T | | T * + |
| **M O/D W** | P0984 | SHIFT SOLENOID "E" CONTROL CIRCUIT RANGE / PERFORMANCE | | | G * + | | | T * + |
| **M W** | P0985 | SHIFT SOLENOID "E" CONTROL CIRCUIT LOW | G | | G * + | T | | T * + |
| **M W** | P0986 | SHIFT SOLENOID "E" CONTROL CIRCUIT HIGH | G | | G * + | T | | T * + |
| **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 * + | | | T * + |
| **M W** | P0998 | SHIFT SOLENOID "F" CONTROL CIRCUIT LOW | | | G * + | T | | T * + |
| **M W** | P0999 | SHIFT SOLENOID "F" CONTROL CIRCUIT HIGH | | | G * + | T | | T * + |
| | P0A00 | MOTOR ELECTRONICS COOLANT TEMPERATURE SENSOR CIRCUIT | | | G | | | |
| | P0A01 | MOTOR ELECTRONICS COOLANT TEMPERATURE SENSOR CIRCUIT RANGE / PERFORMANCE | | | | | | T |
| | 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 | | | |
| | P0A08 | DC / DC CONVERTER STATUS CIRCUIT / OPEN | G | G | G | | | |
| **M** | P0A09 | DC / DC CONVERTER STATUS CIRCUIT LOW | G | G | G | | | |
| | P0A0A | HIGH VOLTAGE SYSTEM INTER-LOCK CIRCUIT | | | | | | T |
| | P0A0C | HIGH VOLTAGE SYSTEM INTER-LOCK CIRCUIT LOW | | | | | | T |
| **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 | | | |
| | P0A18 | MOTOR TORQUE SENSOR CIRCUIT RANGE / PERFORMANCE | G | G | G | | | |
| | P0A1A | GENERATOR CONTROL MODULE | | | | | | T |
| | P0A1B | DRIVE MOTOR "A" CONTROL MODULE | | | | | | T |
| | P0A1F | BATTERY ENERGY CONTROL MODULE | | | G | | | |
| | 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 | | | |
| | P0A2A | DRIVE MOTOR "A" TEMPERATURE SENSOR CIRCUIT | | | | | | T |

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|---|---|---|---|---|---|---|---|---|
| | P0A2F | DRIVE MOTOR "A" OVER TEMPERATURE | | | | | | T |
| | P0A36 | GENERATOR TEMPERATURE SENSOR CIRCUIT | | | | | | T |
| | P0A3B | GENERATOR OVER TEMPERATURE | | G | G | | | T |
| | P0A3C | DRIVE MOTOR "A" INVERTER OVER TEMPERATURE | | | | | | T |
| | P0A3E | GENERATOR INVERTER OVER TEMPERATURE | | | | | | T |
| | P0A44 | DRIVE MOTOR "A" POSITION SENSOR CIRCUIT OVERSPEED | | | | | | T |
| | 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 | | | |
| | P0A78 | DRIVE MOTOR "A" INVERTER PERFORMANCE | | | | | | T |
| | P0A7A | GENERATOR INVERTER PERFORMANCE | | | | | | T |
| | P0A7C | MOTOR ELECTRONICS OVER TEMPERATURE | | | G | | | |
| | P0A7D | HYBRID / EV BATTERY PACK STATE OF CHARGE LOW | | | | | | T |
| | P0A80 | REPLACE HYBRID / EV BATTERY PACK | | | | | | T |
| | P0A81 | HYBRID / EV BATTERY PACK COOLING FAN 1 CONTROL CIRCUIT / OPEN | | | | | | T |
| | P0A82 | HYBRID / EV BATTERY PACK COOLING FAN 1 PERFORMANCE / STUCK OFF | | | | | | T |
| | P0A8B | 14 VOLT POWER MODULE SYSTEM VOLTAGE | | | | | | T |
| | P0A90 | DRIVE MOTOR "A" PERFORMANCE | | | | | | T |
| | P0A92 | HYBRID GENERATOR PERFORMANCE | | | | | | T |
| | P0A9D | HYBRID / EV BATTERY TEMPERATURE SENSOR "A" CIRCUIT LOW | | | | | | T |
| | P0A9E | HYBRID / EV BATTERY TEMPERATURE SENSOR "A" CIRCUIT HIGH | | | | | | T |
| | P0AA1 | HYBRID / EV BATTERY POSITIVE CONTACTOR CIRCUIT STUCK CLOSED | | | | | | T |
| | P0AA2 | HYBRID / EV BATTERY POSITIVE CONTACTOR CIRCUIT STUCK OPEN | | | | | | T |
| | P0AA4 | HYBRID / EV BATTERY NEGATIVE CONTACTOR CIRCUIT STUCK CLOSED | | | | | | T |
| | P0AA5 | HYBRID / EV BATTERY NEGATIVE CONTACTOR CIRCUIT STUCK OPEN | | | | | | T |
| | P0AA6 | HYBRID / EV BATTERY VOLTAGE SYSTEM ISOLATION FAULT | | | | | | T |
| | P0AA7 | HYBRID / EV BATTERY VOLTAGE ISOLATION SENSOR CIRCUIT | | | | | | T |
| | P0AA9 | HYBRID / EV BATTERY VOLTAGE ISOLATION SENSOR CIRCUIT LOW | | | | | | T |
| | P0AAA | HYBRID / EV BATTERY VOLTAGE ISOLATION SENSOR CIRCUIT HIGH | | | | | | T |
| | P0AAE | HYBRID / EV BATTERY PACK AIR TEMPERATURE SENSOR "A" CIRCUIT LOW | | | | | | T |
| | P0AAF | HYBRID / EV BATTERY PACK AIR TEMPERATURE SENSOR "A" CIRCUIT HIGH | | | | | | T |
| | P0ABC | HYBRID / EV BATTERY PACK VOLTAGE SENSE "A" CIRCUIT LOW | | | | | | T |
| | P0ABD | HYBRID / EV BATTERY PACK VOLTAGE SENSE "A" CIRCUIT HIGH | | | | | | T |
| | P0AC0 | HYBRID / EV BATTERY PACK CURRENT SENSOR "A" CIRCUIT RANGE / PERFORMANCE | | | | | | T |
| | P0AC1 | HYBRID / EV BATTERY PACK CURRENT SENSOR "A" CIRCUIT LOW | | | | | | T |
| | P0AC2 | HYBRID / EV BATTERY PACK CURRENT SENSOR "A" CIRCUIT HIGH | | | | | | T |
| | P0AC7 | HYBRID / EV BATTERY TEMPERATURE SENSOR "B" CIRCUIT LOW | | | | | | T |
| | P0AC8 | HYBRID / EV BATTERY TEMPERATURE SENSOR "B" CIRCUIT HIGH | | | | | | T |
| | P0ACC | HYBRID / EV BATTERY TEMPERATURE SENSOR "C" CIRCUIT LOW | | | | | | T |
| | P0ACD | HYBRID / EV BATTERY TEMPERATURE SENSOR "C" CIRCUIT HIGH | | | | | | T |
| | P0AD9 | HYBRID / EV BATTERY POSITIVE CONTACTOR CONTROL CIRCUIT / OPEN | | | | | | T |
| | P0ADA | HYBRID / EV BATTERY POSITIVE CONTACTOR CONTROL CIRCUIT RANGE / PERFORMANCE | | | | | | T |
| | P0ADC | HYBRID / EV BATTERY POSITIVE CONTACTOR CONTROL CIRCUIT HIGH | | | | | | T |
| | P0ADD | HYBRID / EV BATTERY NEGATIVE CONTACTOR CONTROL CIRCUIT / OPEN | | | | | | T |
| | P0ADE | HYBRID / EV BATTERY NEGATIVE CONTACTOR CONTROL CIRCUIT RANGE / PERFORMANCE | | | | | | T |
| | P0AE0 | HYBRID / EV BATTERY NEGATIVE CONTACTOR CONTROL CIRCUIT HIGH | | | | | | T |
| | P0AE1 | HYBRID / EV BATTERY PRECHARGE CONTACTOR CIRCUIT | | | | | | T |
| | P0AE5 | HYBRID / EV BATTERY PRECHARGE CONTACTOR CONTROL CIRCUIT RANGE / PERFORMANCE | | | | | | T |
| | P0AE7 | HYBRID / EV BATTERY PRECHARGE CONTACTOR CONTROL CIRCUIT HIGH | | | | | | T |
| | P0AEA | HYBRID / EV BATTERY TEMPERATURE SENSOR "D" CIRCUIT LOW | | | | | | T |
| | P0AEB | HYBRID / EV BATTERY TEMPERATURE SENSOR "D" CIRCUIT HIGH | | | | | | T |
| | P0AFB | HYBRID / EV BATTERY SYSTEM VOLTAGE HIGH | | | | | | T |
| | P0AFC | HYBRID / EV BATTERY PACK SENSOR MODULE | | | | | | T |
| | P0AFD | HYBRID / EV BATTERY PACK TEMPERATURE TOO LOW | | | | | | T |

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|---|---|---|---|---|---|---|---|---|
| | P0B0D | ELECTRIC TRANSMISSION FLUID PUMP MOTOR CONTROL MODULE | | | G | | | |
| | P0B10 | HYBRID / EV BATTERY PACK CURRENT SENSOR "B" CIRCUIT LOW | | | | | | T |
| | P0B12 | HYBRID / EV BATTERY PACK CURRENT SENSOR "B" CIRCUIT INTERMITTENT / ERRATIC | | | | | | T |
| | P0B1B | HYBRID / EV BATTERY PACK VOLTAGE SENSE "C" CIRCUIT LOW | | | | | | T |
| | P0B1C | HYBRID / EV BATTERY PACK VOLTAGE SENSE "C" CIRCUIT HIGH | | | | | | T |
| **M** | P0B24 | HYBRID / EV BATTERY "A" VOLTAGE UNSTABLE | | | G * | | | T * |
| | P0B25 | HYBRID / EV BATTERY "A" VOLTAGE LOW | | | | | | T |
| | P0B36 | HIGH VOLTAGE SERVICE DISCONNECT CIRCUIT HIGH | | | | | | T |
| | P0B37 | HIGH VOLTAGE SERVICE DISCONNECT OPEN | | | | | | T |
| | P0B3D | HYBRID / EV BATTERY VOLTAGE SENSE "A" CIRCUIT LOW | | | | | | T |
| | P0B3E | HYBRID / EV BATTERY VOLTAGE SENSE "A" CIRCUIT HIGH | | | | | | T |
| | P0B42 | HYBRID / EV BATTERY VOLTAGE SENSE "B" CIRCUIT LOW | | | | | | T |
| | P0B43 | HYBRID / EV BATTERY VOLTAGE SENSE "B" CIRCUIT HIGH | | | | | | T |
| | P0B47 | HYBRID / EV BATTERY VOLTAGE SENSE "C" CIRCUIT LOW | | | | | | T |
| | P0B48 | HYBRID / EV BATTERY VOLTAGE SENSE "C" CIRCUIT HIGH | | | | | | T |
| | P0B4C | HYBRID / EV BATTERY VOLTAGE SENSE "D" CIRCUIT LOW | | | | | | T |
| | P0B4D | HYBRID / EV BATTERY VOLTAGE SENSE "D" CIRCUIT HIGH | | | | | | T |
| | P0B51 | HYBRID / EV BATTERY VOLTAGE SENSE "E" CIRCUIT LOW | | | | | | T |
| | P0B52 | HYBRID / EV BATTERY VOLTAGE SENSE "E" CIRCUIT HIGH | | | | | | T |
| | P0B56 | HYBRID / EV BATTERY VOLTAGE SENSE "F" CIRCUIT LOW | | | | | | T |
| | P0B57 | HYBRID / EV BATTERY VOLTAGE SENSE "F" CIRCUIT HIGH | | | | | | T |
| | P0B5B | HYBRID / EV BATTERY VOLTAGE SENSE "G" CIRCUIT LOW | | | | | | T |
| | P0B5C | HYBRID / EV BATTERY VOLTAGE SENSE "G" CIRCUIT HIGH | | | | | | T |
| | P0B60 | HYBRID / EV BATTERY VOLTAGE SENSE "H" CIRCUIT LOW | | | | | | T |
| | P0B61 | HYBRID / EV BATTERY VOLTAGE SENSE "H" CIRCUIT HIGH | | | | | | T |
| | P0B65 | HYBRID / EV BATTERY VOLTAGE SENSE "I" CIRCUIT LOW | | | | | | T |
| | P0B66 | HYBRID / EV BATTERY VOLTAGE SENSE "I" CIRCUIT HIGH | | | | | | T |
| | P0B6A | HYBRID / EV BATTERY VOLTAGE SENSE "J" CIRCUIT LOW | | | | | | T |
| | P0B6B | HYBRID / EV BATTERY VOLTAGE SENSE "J" CIRCUIT HIGH | | | | | | T |
| | P0B6F | HYBRID / EV BATTERY VOLTAGE SENSE "K" CIRCUIT LOW | | | | | | T |
| | P0B70 | HYBRID / EV BATTERY VOLTAGE SENSE "K" CIRCUIT HIGH | | | | | | T |
| | P0B74 | HYBRID / EV BATTERY VOLTAGE SENSE "L" CIRCUIT LOW | | | | | | T |
| | P0B75 | HYBRID / EV BATTERY VOLTAGE SENSE "L" CIRCUIT HIGH | | | | | | T |
| | P0B79 | HYBRID / EV BATTERY VOLTAGE SENSE "M" CIRCUIT LOW | | | | | | T |
| | P0B7A | HYBRID / EV BATTERY VOLTAGE SENSE "M" CIRCUIT HIGH | | | | | | T |
| | P0B7E | HYBRID / EV BATTERY VOLTAGE SENSE "N" CIRCUIT LOW | | | | | | T |
| | P0B7F | HYBRID / EV BATTERY VOLTAGE SENSE "N" CIRCUIT HIGH | | | | | | T |
| | P0B83 | HYBRID / EV BATTERY VOLTAGE SENSE "O" CIRCUIT LOW | | | | | | T |
| | P0B84 | HYBRID / EV BATTERY VOLTAGE SENSE "O" CIRCUIT HIGH | | | | | | T |
| | P0B88 | HYBRID / EV BATTERY VOLTAGE SENSE "P" CIRCUIT LOW | | | | | | T |
| | P0B89 | HYBRID / EV BATTERY VOLTAGE SENSE "P" CIRCUIT HIGH | | | | | | T |
| | P0B8D | HYBRID / EV BATTERY VOLTAGE SENSE "Q" CIRCUIT LOW | | | | | | T |
| | P0B8E | HYBRID / EV BATTERY VOLTAGE SENSE "Q" CIRCUIT HIGH | | | | | | T |
| | P0B92 | HYBRID / EV BATTERY VOLTAGE SENSE "R" CIRCUIT LOW | | | | | | T |
| | P0B93 | HYBRID / EV BATTERY VOLTAGE SENSE "R" CIRCUIT HIGH | | | | | | T |
| | P0B97 | HYBRID / EV BATTERY VOLTAGE SENSE "S" CIRCUIT LOW | | | | | | T |
| | P0B98 | HYBRID / EV BATTERY VOLTAGE SENSE "S" CIRCUIT HIGH | | | | | | T |
| | P0B9C | HYBRID / EV BATTERY VOLTAGE SENSE "T" CIRCUIT LOW | | | | | | T |
| | P0B9D | HYBRID / EV BATTERY VOLTAGE SENSE "T" CIRCUIT HIGH | | | | | | T |
| | P0BA1 | HYBRID / EV BATTERY VOLTAGE SENSE "U" CIRCUIT LOW | | | | | | T |
| | P0BA2 | HYBRID / EV BATTERY VOLTAGE SENSE "U" CIRCUIT HIGH | | | | | | T |
| | P0BA6 | HYBRID / EV BATTERY VOLTAGE SENSE "V" CIRCUIT LOW | | | | | | T |
| | P0BA7 | HYBRID / EV BATTERY VOLTAGE SENSE "V" CIRCUIT HIGH | | | | | | T |
| | P0BAB | HYBRID / EV BATTERY VOLTAGE SENSE "W" CIRCUIT LOW | | | | | | T |
| | P0BAC | HYBRID / EV BATTERY VOLTAGE SENSE "W" CIRCUIT HIGH | | | | | | T |
| | P0BB0 | HYBRID / EV BATTERY VOLTAGE SENSE "X" CIRCUIT LOW | | | | | | T |

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|---|---|---|---|---|---|---|---|---|
| | P0BB1 | HYBRID / EV BATTERY VOLTAGE SENSE "X" CIRCUIT HIGH | | | | | | T |
| | P0BB5 | HYBRID / EV BATTERY VOLTAGE SENSE "Y" CIRCUIT LOW | | | | | | T |
| | P0BB6 | HYBRID / EV BATTERY VOLTAGE SENSE "Y" CIRCUIT HIGH | | | | | | T |
| | P0BBA | HYBRID / EV BATTERY VOLTAGE SENSE "Z" CIRCUIT LOW | | | | | | T |
| | P0BBB | HYBRID / EV BATTERY VOLTAGE SENSE "Z" CIRCUIT HIGH | | | | | | T |
| | P0BC4 | HYBRID / EV BATTERY TEMPERATURE SENSOR "E" CIRCUIT LOW | | | | | | T |
| | P0BC5 | HYBRID / EV BATTERY TEMPERATURE SENSOR "E" CIRCUIT HIGH | | | | | | T |
| | P0C27 | ELECTRIC TRANSMISSION FLUID PUMP MOTOR CONTROL MODULE | | | G | | | |
| | P0C28 | ELECTRIC TRANSMISSION FLUID PUMP MOTOR CURRENT LOW | | | G | | | |
| | P0C29 | ELECTRIC TRANSMISSION FLUID PUMP MOTOR CURRENT HIGH | | | G | | | |
| | P0C2A | ELECTRIC TRANSMISSION FLUID PUMP MOTOR STALLED | | | G | | | |
| | P0C2C | ELECTRIC TRANSMISSION FLUID PUMP CONTROL MODULE FEEDBACK SIGNAL RANGE / PERFORMANCE | | | G | | | |
| | P0C2D | ELECTRIC TRANSMISSION FLUID PUMP CONTROL MODULE FEEDBACK SIGNAL LOW | | | G | | | |
| | P0C2E | ELECTRIC TRANSMISSION FLUID PUMP CONTROL MODULE FEEDBACK SIGNAL HIGH | | | G | | | |
| **W** | P0C2F | INTERNAL CONTROL MODULE DRIVE MOTOR/GENERATOR-ENGINE SPEED SENSOR PERFORMANCE | | | | | | T + |
| | P0C32 | HYBRID / EV BATTERY COOLING SYSTEM PERFORMANCE | | | G | | | |
| | P1000 | OBD SYSTEMS READINESS TEST NOT COMPLETE | G | G | G | | | T |
| | P1001 | KOER NOT ABLE TO COMPLETE, KOER ABORTED | | G | G | | T | |
| | P1008 | COMBUSTION ENGINE PRODUCING INSUFFICIENT TORQUE | | | 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 * | | | |
| | P101A | ALTERNATIVE FUEL RAIL TEMPERATURE SENSOR "B" CIRCUIT | | | G | | | |
| **M** | P1048 | ALTERNATIVE FUEL DELIVERY ERROR | | | 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 | | | | | | |
| **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 | | | |

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| | 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 | | | T |
| | 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 | | | |
| | 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 | | | |

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| **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 | | | | | | |
| | 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 | | | | | | |
| **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 | | | | |
| | 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 | | | |

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| | 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 * | | | |
| | P1239 | SPEED FUEL PUMP POSITIVE FEED | | | G | | | |
| | P123C | COLD START TURBOCHARGER PROTECTION - FORCED LIMITED POWER | | | | | | |
| **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 PERFORMANCE | | | | | | |
| | 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 * | | | |
| **M** | P1268 | CYLINDER #8 - HIGH TO LOW SIDE SHORT | G | G | G * | | | |
| **M** | P1270 | ENGINE RPM OR VEHICLE SPEED LIMITER REACHED | | | G | | | T * |
| **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 | | | | |

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| **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) | | | | | | |
| **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 | | | |
| **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 | | | | | | |
| **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 * | | | |

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| **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 | | | | | | |
| | 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 | | T | T | |
| **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 | | | |
| | 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 * | | | |

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| **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 | | | |
| | 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 * | | | |
| **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 | | T | |
| **O/D** | P1502 | VEHICLE SPEED SENSOR (VSS) INTERMITTENT | | | G ^ | | | |
| | P1502 | INVALID TEST - AUXILIARY POWER CONTROL MODULE FUNCTIONING | | | | | | |
| **M** | P1504 | IDLE AIR CONTROL (IAC) CIRCUIT *(new P0511)* | 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 | | | |

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| | 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 | | | |
| | P1529 | SCAIR SOLENOID CIRCUIT | | | 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 | | | |
| | 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 * | | | T |
| | 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 * | | | T * + |
| | P1577 | PEDAL POSITION SENSOR OUTPUTS DISAGREE | G | G | G | | | |

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| **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 * | | | |
| | P1594 | FORCED ENGINE SHUTDOWN - REMOTE START SYSTEM FAULT, NO UNATTENDED VEHICLE TIMEOUT | | | G | | | |
| | 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 | | | |
| | 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 | | | | | | |
| | P161A | INCORRECT RESPONSE FROM IMMOBILIZER CONTROL 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 | | | | | | T |
| **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 | | | |
| **M** | P1635 | TIRE / AXLE OUT OF ACCEPTABLE RANGE | | | G * | | | T * |
| **M** | P1636 | INDUCTIVE SIGNATURE CHIP COMMUNICATION ERROR | G | | G * | | | T * |
| **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 | | | | | | |

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| | P163D | GENERATOR "B" FIELD TERMINAL CIRCUIT HIGH | | | | | | |
| **M** | P163E | TRANSMISSION CONTROL MODULE PROGRAMMING ERROR | | | G * | | | T * |
| **M** | P163F | TRANSMISSION ID BLOCK CORRUPTED, NOT PROGRAMMED | | | G * | | | T * |
| **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 | | | | | | |
| | 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 * | | | T **+** |
| | 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 | | | | | | |
| | P1667 | CYLINDER ID CIRCUIT | | | | | | |
| | P1668 | PCM / IDM COMMUNICATIONS ERROR | | | | | | |
| **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 * ^ | | | T * **+** |
| **W** | P1701 | REVERSE ENGAGEMENT ERROR | | | G | | | T **+** |
| **W O/D** | P1702 | TRANSMISSION RANGE SENSOR CIRCUIT INTERMITTENT | G | | G **+** ^ | | | |
| | P1703 | BRAKE SWITCH OUT OF SELF-TEST RANGE | G | G | G | | | |
| | 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 | T | T | |
| **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 | | | |

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| | P1709 | PARK NEUTRAL POSITION (PNP) SWITCH OUT OF SELF-TEST RANGE | G | | G | | | |
| **M** | P170C | CLUTCH "A" ENGAGEMENT TIME PERFORMANCE | | | | | | T * |
| **M** | P170D | CLUTCH "B" ENGAGEMENT TIME PERFORMANCE | | | | | | T * |
| | P170E | CLUTCH DELIVERED TORQUE PERFORMANCE | | | | | | T |
| | P170F | CLUTCH PRESSURE RELEASE VALVE FAILED | | | | | | T |
| **M** | P1710 | TRANSMISSION CONTROL MODULE SOLENOID / INTERNAL GROUND CIRCUIT | G | G | G | | | T * |
| | 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 | | | T * |
| **M** | P171A | SHIFT FORK "A" STUCK, MOVEMENT ON SHIFT FORK "B" | | | | | | T * |
| **M** | P171B | SHIFT FORK "A" STUCK, MOVEMENT ON SHIFT FORK "C" | | | | | | T * |
| **M** | P171C | SHIFT FORK "B" STUCK, MOVEMENT ON SHIFT FORK "C" | | | | | | T * |
| **M** | P171D | SHIFT FORK "B" STUCK, MOVEMENT ON SHIFT FORK "D" | | | | | | T * |
| **M** | P171E | SHIFT FORK "C" STUCK, MOVEMENT ON SHIFT FORK "A" | | | | | | T * |
| **M** | P171F | SHIFT FORK "C" STUCK, MOVEMENT ON SHIFT FORK "D" | | | | | | T * |
| | P1720 | VEHICLE SPEED (METER) CIRCUIT | | | G | | | T * |
| | P1721 | GEAR 1 INCORRECT RATIO | | | G | | | |
| | P1722 | GEAR 2 INCORRECT RATIO | | | G | | | |
| | 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" | | | | | | T * |
| **M** | P172B | SHIFT FORK "D" STUCK, MOVEMENT ON SHIFT FORK "C" | | | | | | T * |
| **M** | P172C | SHIFT FORK "A" / "B" DIRECTION CONTROL VALVE STUCK ON | | | | | | T * |
| **M** | P172D | SHIFT FORK "A" / "B" DIRECTION CONTROL VALVE STUCK OFF | | | | | | T * |
| **M** | P172E | SHIFT FORK "C" / "D" DIRECTION CONTROL VALVE STUCK ON | | | | | | T * |
| **M** | P172F | SHIFT FORK "C" / "D" DIRECTION CONTROL VALVE STUCK OFF | | | | | | T * |
| | 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 | | | |
| | P1745 | LINE PRESSURE SOLENOID | | | G | | | |
| **O/D** | P1746 | PRESSURE CONTROL SOLENOID "A" OPEN CIRCUIT | G | | G **^** | | | |

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| **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 | | | | | | T |
| **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 | | | |
| | P175A | TRANSMISSION FLUID OVER TEMPERATURE - ELECTRIC TRANSMISSION FLUID PUMP DISABLED | | | 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 | | | | | | T |
| | P1770 | CLUTCH SOLENOID CIRCUIT | | | G | | | |
| | P1771 | THROTTLE POSITION SENSOR CIRCUIT HIGH | | | G | | | |
| | 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 | | | |
| | 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 + ^ | | | T ^ |
| | 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 | | | |
| | 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 | | | | | | |

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| | 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 | | | |
| | 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 | | | |
| | 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 | | | |
| | 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 | | | |

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| | 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 | | | | | | T * |
| | 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 | | | |

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| | 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 | | | | | | T |
| **W** | P1910 | REVERSE LAMP CONTROL CIRCUIT / OPEN | G | | G + | | | T |
| | P1911 | REVERSE LAMP CONTROL CIRCUIT LOW | | | G | | | T |
| | P1912 | REVERSE LAMP CONTROL CIRCUIT HIGH | | | G | | | T |
| | P1919 | ENGINE COOLANT TEMPERATURE SIGNAL | | | G | | | T |
| | P1920 | ENGINE SPEED SIGNAL | | | G | | | T |
| | P1921 | TRANSMISSION RANGE SIGNAL | | | G | | | T |
| **M** | P1934 | VEHICLE SPEED SIGNAL | | | G * | | | T |
| | P1935 | BRAKE SWITCH / SENSOR SIGNAL | G | G | G | | | |
| **M** | P193B | THROTTLE / PEDAL SIGNAL | | | G * | | | T * |
| | 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 | | | T |
| | P1A02 | TRANSMISSION ONE WAY CLUTCH PERFORMANCE | | | | | | T |
| | P1A03 | DRIVE MOTOR A SHUTDOWN CIRCUIT | | | | | | T |
| | P1A04 | GENERATOR SHUTDOWN CIRCUIT | | | | | | T |
| | P1A05 | DESIRED ENGINE SPEED SIGNAL | | | | | | T |
| | P1A06 | VEHICLE MODE SIGNAL | | | | | | T |
| | P1A07 | INVERTER HIGH VOLTAGE PERFORMANCE | | | | | | T |
| | P1A08 | GENERATOR MODE SIGNAL | | | | | | T |
| | P1A0A | IMMEDIATE SHUTDOWN SIGNAL "A" | | | G | | | T |
| | P1A0C | HYBRID POWERTRAIN CONTROL MODULE - ENGINE DISABLED | | | G | | | |
| | P1A0D | HYBRID POWERTRAIN CONTROL MODULE - GENERATOR DISABLED | | | G | | | |
| | P1A0E | HYBRID POWERTRAIN CONTROL MODULE - MOTOR DISABLED | | | G | | | |
| | P1A0F | HYBRID POWERTRAIN CONTROL MODULE - VEHICLE DISABLED | | | G | | | |
| | 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 | | | |
| | P1A13 | HYBRID POWERTRAIN CONTROL MODULE - REGENERATIVE BRAKING DISABLED | | | G | | | |
| | P1A14 | HYBRID POWERTRAIN CONTROL MODULE - TRANSMISSION DISABLED | | | G | | | |
| | P1A15 | IMMEDIATE SHUTDOWN SIGNAL "B" | | | G | | | T |
| | P1A16 | VARIABLE VOLTAGE CONTROLLER VOLTAGE CONTROL CIRCUIT | | | G | | | |
| | P1A17 | VARIABLE VOLTAGE CONTROLLER PROCESSOR | | | G | | | |
| | P1A18 | VARIABLE VOLTAGE CONTROLLER INDUCTOR TEMPERATURE SENSOR CIRCUIT | | | G | | | |
| | P1A19 | VARIABLE VOLTAGE CONTROLLER DRIVER TEMPERATURE SENSOR CIRCUIT | | | G | | | |
| | P1A1A | VARIABLE VOLTAGE CONTROLLER OVER TEMPERATURE | | | G | | | |
| **M** | 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 | | | |
| **M** | P2002 | DIESEL PARTICULATE FILTER EFFICIENCY BELOW THRESHOLD (BANK 1) | | | | | | |
| **M** | P2004 | INTAKE MANIFOLD RUNNER CONTROL STUCK OPEN (bank 1) | | | G * | | | |
| **M** | P2005 | INTAKE MANIFOLD RUNNER CONTROL STUCK OPEN (bank 2) | | | G * | | | |
| **M** | P2006 | INTAKE MANIFOLD RUNNER CONTROL STUCK CLOSED (bank 1) | | | 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 * | | | |

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| **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 | | | | | | |
| | 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 | | | | | | |
| **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 | | | | | | |
| **M** | P204F | REDUCTANT SYSTEM PERFORMANCE (Bank 1) | | | | | | |
| **M** | P205C | REDUCTANT TANK TEMPURATURE SENSOR CIRCUIT LOW | | | | | | |
| **M** | P205D | REDUCTANT TANK TEMPURATURE SENSOR CIRCUIT HIGH | | | | | | |
| **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 | | | G + | | | |
| **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) | | | | | | |

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| 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 | | | | | | |
| M | P20A0 | REDUCTANT PURGE CONTROL VALVE CIRCUIT / OPEN | | | | | | |
| M | P20A1 | REDUCTANT PURGE CONTROL VALVE PERFORMANCE | | | | | | |
| M | P20A2 | REDUCTANT PURGE CONTROL VALVE CIRCUIT LOW | | | | | | |
| M | P20A3 | REDUCTANT PURGE CONTROL VALVE 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 * + | | | |
| 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 * + | | | |

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| 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 RECIRCULIATION VENT CONTROL CIRCUIT LOW | | | G * | | | |
| M | P2145 | EXHAUST GAS RECIRCULIATION VENT CONTROL CIRCUIT HIGH | | | G * | | | |
| 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 | 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) | | | | | | |
| 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 | | | |
| 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 | P220E | NOx SENSOR HEATER CONTROL CIRCUIT RANGE / PERFORMANCE (Bank 1 Sensor 1) | | | | | | |
| 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 - BANK1, SENSOR 1 | | G | G * | | | |
| M | P2232 | O2 SENSOR SIGNAL CIRCUIT SHORTED TO HEATER CIRCUIT - BANK1, SENSOR 2 | | G | G * | | | |

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| **M** | P2234 | O2 SENSOR SIGNAL CIRCUIT SHORTED TO HEATER CIRCUIT - BANK2, SENSOR 1 | | G | G * | | | |
| **M** | P2235 | O2 SENSOR SIGNAL CIRCUIT SHORTED TO HEATER CIRCUIT - BANK2, SENSOR 2 | | G | G * | | | |
| **M** | P2237 | O2 SENSOR POSITIVE CURRENT CONTROL CIRCUIT / OPEN - BANK1, SENSOR 1 | | G | G * | | | |
| **M** | P2240 | O2 SENSOR POSITIVE CURRENT CONTROL CIRCUIT / OPEN - BANK2, SENSOR 1 | | G | G * | | | |
| **M** | P2243 | O2 SENSOR REFERENCE VOLTAGE CIRCUIT / OPEN - BANK1, SENSOR 1 | | G | G * | | | |
| **M** | P2245 | O2 SENSOR REFERENCE VOLTAGE CIRCUIT LOW - BANK1, SENSOR 1 | | | G * | | | |
| **M** | P2246 | O2 SENSOR REFERENCE VOLTAGE CIRCUIT HIGH - BANK1, SENSOR 1 | | | G * | | | |
| **M** | P2247 | O2 SENSOR REFERENCE VOLTAGE CIRCUIT / OPEN - BANK2, SENSOR 1 | | G | G * | | | |
| **M** | P2251 | O2 SENSOR NEGATIVE CURRENT CONTROL CIRCUIT / OPEN - BANK1, SENSOR 1 | | G | G * | | | |
| **M** | P2254 | O2 SENSOR NEGATIVE CURRENT CONTROL CIRCUIT / OPEN - BANK2, 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) | | | | | | |
| **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** | 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 * | | | |
| **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 * | | | |

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| **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 * | | | |
| **M** | P2402 | EVAPORATIVE EMISSION SYSTEM LEAK DETECTION PUMP CONTROL CIRCUIT HIGH | | | 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** | 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 | | | | | | |
| **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** | P2452 | PARTICULATE FILTER DIFFERENTIAL PRESSURE SENSOR CIRCUIT | | | | | | |
| **M** | P2453 | PARTICULATE FILTER DIFFERENTIAL PRESSURE SENSOR CIRCUIT RANGE / PERFORM | | | | | | |
| **M** | P2454 | PARTICULATE FILTER DIFFERENTIAL PRESSURE SENSOR CIRCUIT LOW | | | | | | |
| **M** | P2455 | PARTICULATE FILTER DIFFERENTIAL PRESSURE SENSOR CIRCUIT HIGH | | | | | | |
| **M** | P2456 | PARTICULATE FILTER DIFFERENTIAL PRESSURE SENSOR CIRCUIT INTERMIT / ERRATIC | | | | | | |
| **M** | P2457 | EXHAUST GAS RECIRCULATION (EGR) COOLER 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** | 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** | P246E | EXHAUST GAS TEMPERATURE SENSOR CIRCUIT (Bank 1 Sensor 4) | | | | | | |
| **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 | | | | | | |

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| **M** | P24A1 | CLOSED LOOP PARTICULATE FILTER REGENERATION CONTROL AT LIMIT - FLOW TOO HIGH | | | | | | |
| **M** | P24A2 | DIESEL PARTICULATE FILTER REGENERATION INCOMPLETE (Bank 1) | | | | | | |
| | 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 * | | | |
| **M** | P2508 | ECM / PCM POWER INPUT SIGNAL HIGH | | | | | | |
| | P250C | ENGINE OIL LEVEL SENSOR CIRCUIT LOW | G | G | G | | | |
| | P250D | ENGINE OIL LEVEL SENSOR CIRCUIT LOW | G | G | 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 | | | |
| | P2531 | IGNITION SWITCH RUN POSITION CIRCUIT LOW | G | G | G | | | |
| | P2532 | IGNITION SWITCH RUN POSITION CIRCUIT LOW | G | G | G | | | |
| | 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 | | | |
| | 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" | | | | | | T |
| **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 | | | | | | |
| | P2600 | COOLANT PUMP "A" CONTROL CIRCUIT / OPEN | 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 | | | T |
| | P2665 | FUEL SHUTOFF VALVE "B" CONTROL CIRCUIT / OPEN | | | G | | | |
| **M** | P2669 | ACTUATOR SUPPLY VOLTAGE "B" CIRCUIT / OPEN | | | G * | | | |
| | P2671 | ACTUATOR SUPPLY VOLTAGE "B" CIRCUIT HIGH | | | | | | T |

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| | P2676 | AIR CLEANER INLET CONTROL CIRCUIT LOW | | | G | | | |
| | P2677 | AIR CLEANER INLET CONTROL CIRCUIT HIGH | | | G | | | |
| **M** | P2684 | ACTUATOR SUPPLY VOLTAGE "C" CIRCUIT / OPEN | | | G * | | | T * |
| | P2686 | ACTUATOR SUPPLY VOLTAGE "C" CIRCUIT HIGH | | | G | | | T |
| **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 W** | P26C3 | INTERNAL CONTROL MODULE TRANSMISSION RANGE SENSOR PERFORMANCE | | G | G * + | | | |
| **M W** | P26C4 | INTERNAL CONTROL MODULE CLUTCH PEDAL PERFORMANCE | | G | G * + | | | |
| **W O/D** | P2700 | TRANSMISSION FRICTION ELEMENT "A" APPLY TIME RANGE / PERFORMANCE | | | G + | | | T + |
| **W O/D** | P2701 | TRANSMISSION FRICTION ELEMENT "B" APPLY TIME RANGE / PERFORMANCE | | | G + | | | T + |
| **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 + | | | T |
| **M** | P2714 | PRESSURE CONTROL SOLENIOD "D" PERFORMANCE / STUCK OFF | | | G * | | | T * |
| **M** | P2715 | PRESSURE CONTROL SOLENIOD "D" STUCK ON | | | G * | | | T * |
| **M** | P2719 | PRESSURE CONTROL SOLENIOD "D" CIRCUIT RANGE / PERFORMANCE | | | G * | | | T * |
| **M** | P2720 | PRESSURE CONTROL SOLENIOD "D" CIRCUIT LOW | | | G * | | | T * |
| **M** | P2721 | PRESSURE CONTROL SOLENIOD "D" CIRCUIT HIGH | | | G * | | | T * |
| **M** | P2746 | INTERMEDIATE SHAFT SPEED SENSOR "B" CIRCUIT RANGE / PERFORMANCE | | | G * | | | T * |
| **M** | P2748 | INTERMEDIATE SHAFT SPEED SENSOR "B" CIRCUIT INTERMITTENT | | | G * | | | T * |
| | 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 * + | | | T * + |
| **M W** | P2758 | TORQUE CONVERTER CLUTCH PRESSURE CONTROL SOLENIOD STUCK ON | | | G * + | | | T * + |
| **W** | P2760 | TORQUE CONVERTER CLUTCH PRESSURE CONTROL SOLENIOD INTERMITTENT | | | G + | | | |
| **M W** | P2762 | TORQUE CONVERTER CLUTCH PRESSURE CONTROL SOLENIOD CONTROL CIRCUIT RANGE / PERF | | | G * + | | | T * + |
| **M W** | P2763 | TORQUE CONVERTER CLUTCH PRESSURE CONTROL SOLENIOD CONTROL CIRCUIT HIGH | | | G * + | T | | T * + |
| **M W** | P2764 | TORQUE CONVERTER CLUTCH PRESSURE CONTROL SOLENIOD CONTROL CIRCUIT LOW | | | G * + | T | | T * + |
| **M** | P2765 | INPUT / TURBINE SHAFT SPEED SENSOR "B" CIRCUIT | | | G * | T | | T * |
| **M** | P2766 | INPUT / TURBINE SHAFT SPEED SENSOR "B" CIRCUIT RANGE / PERFORMANCE | | | G | | | T * |
| **M** | P2767 | INPUT / TURBINE SHAFT SPEED SENSOR "B" CIRCUIT NO SIGNAL | | | | | | T * |
| **W** | P2768 | INPUT / TURBINE SHAFT SPEED SENSOR "B" CIRCUIT INTERMITTENT | | | | | | T + |
| **M** | P2783 | TORQUE CONVERTER TEMPERATURE TOO HIGH | | | G * | | | T |
| **W** | P2787 | CLUTCH TEMPERATURE TOO HIGH | | | | | | T + |
| | P2796 | ELECTRIC TRANSMISSION FLUID PUMP CONTROL CIRCUIT | | | G | | | |
| | P2800 | TRANSMISSION RANGE SENSOR "B" CIRCUIT (**PRNDL** INPUT) | G | G | G | | | |
| **M** | P2801 | TRANSMISSION RANGE SENSOR "B" CIRCUIT RANGE / PERFORMANCE | G | G | G | T | T | T * |
| **M** | P2802 | TRANSMISSION RANGE SENSOR "B" CIRCUIT LOW | G | G | G | T | T | T * |
| **M** | P2803 | TRANSMISSION RANGE SENSOR "B" CIRCUIT HIGH | G | G | G | T | T | T * |
| **W** | P2804 | TRANSMISSION RANGE SENSOR "B" CIRCUIT INTERMITTENT | | | | T | T | T + |
| **M** | P2805 | TRANSMISSION RANGE SENSOR "A" / "B" CORRELATION | G | G | G | T | T | T * |
| | P2806 | TRANSMISSION RANGE SENSOR ALIGNMENT | | | G | | | T |
| **M** | P2831 | SHIFT FORK "A" POSITION CIRCUIT | | | | T | | T * |
| **M** | P2832 | SHIFT FORK "A" POSITION CIRCUIT RANGE / PERFORMANCE | | | | | | T * |
| **M** | P2833 | SHIFT FORK "A" POSITION CIRCUIT LOW | | | | | | T * |
| **M** | P2834 | SHIFT FORK "A" POSITION CIRCUIT HIGH | | | | | | T * |
| **M** | P2835 | SHIFT FORK "A" POSITION CIRCUIT INTERMITTENT | | | | T | | T * |
| **M** | P2836 | SHIFT FORK "B" POSITION CIRCUIT | | | | T | | T * |

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| **M** | P2837 | SHIFT FORK "B" POSITION CIRCUIT RANGE / PERFORMANCE | | | | | | T * |
| **M** | P2838 | SHIFT FORK "B" POSITION CIRCUIT LOW | | | | | | T * |
| **M** | P2839 | SHIFT FORK "B" POSITION CIRCUIT HIGH | | | | | | T * |
| **M** | P283A | SHIFT FORK "B" POSITION CIRCUIT INTERMITTENT | | | | T | | T * |
| **M** | P283B | SHIFT FORK "C" POSITION CIRCUIT | | | | T | | T * |
| **M W** | P283C | SHIFT FORK "C" POSITION CIRCUIT RANGE / PERFORMANCE | | | | T | | T * **+** |
| **M** | P283D | SHIFT FORK "C" POSITION CIRCUIT LOW | | | | | | T * |
| **M** | P283E | SHIFT FORK "C" POSITION CIRCUIT HIGH | | | | | | T * |
| **M** | P283F | SHIFT FORK "C" POSITION CIRCUIT INTERMITTENT | | | | | | T * |
| **M** | P2840 | SHIFT FORK "D" POSITION CIRCUIT | | | | | | T * |
| **M** | P2841 | SHIFT FORK "D" POSITION CIRCUIT RANGE / PERFORMANCE | | | | | | T * |
| **M** | P2842 | SHIFT FORK "D" POSITION CIRCUIT LOW | | | | | | T * |
| **M** | P2843 | SHIFT FORK "D" POSITION CIRCUIT HIGH | | | | | | T * |
| **M** | P2844 | SHIFT FORK "D" POSITION CIRCUIT INTERMITTENT | | | | | | T * |
| **M** | P2845 | SHIFT FORK "A" POSITION SENSOR INCORRECT NEUTRAL POSITION INDICATED | | | | | | T * |
| **M** | P2846 | SHIFT FORK "B" POSITION SENSOR INCORRECT NEUTRAL POSITION INDICATED | | | | | | T * |
| **M** | P2847 | SHIFT FORK "C" POSITION SENSOR INCORRECT NEUTRAL POSITION INDICATED | | | | | | T * |
| **M** | P2848 | SHIFT FORK "D" POSITION SENSOR INCORRECT NEUTRAL POSITION INDICATED | | | | | | T * |
| **M** | P2849 | SHIFT FORK "A" STUCK | | | | | | T * |
| **M** | P284A | SHIFT FORK "B" STUCK | | | | | | T * |
| **M** | P284B | SHIFT FORK "C" STUCK | | | | | | T * |
| **M** | P284C | SHIFT FORK "D" STUCK | | | | | | T * |
| **M** | P284D | SHIFT FORK "A" UNREQUESTED MOVEMENT | | | | | | T * |
| **M** | P284E | SHIFT FORK "B" UNREQUESTED MOVEMENT | | | | | | T * |
| **M** | P284F | SHIFT FORK "C" UNREQUESTED MOVEMENT | | | | | | T * |
| **M** | P2850 | SHIFT FORK "D" UNREQUESTED MOVEMENT | | | | | | T * |
| **M** | P2851 | SHIFT FORK POSITION SENSOR "A" / "B" CORRELATION | | | | | | T * |
| **M** | P2852 | SHIFT FORK POSITION SENSOR "C" / "D" CORRELATION | | | | | | T * |
| **M** | P2853 | CLUTCH "A" PRESSURE DISCHARGE PERFORMANCE | | | | | | T * |
| **M** | P2854 | CLUTCH "B" PRESSURE DISCHARGE PERFORMANCE | | | | | | T * |
| **M** | P2855 | CLUTCH "A" PRESSURE CHARGE PERFORMANCE | | | | | | T * |
| **M** | P2856 | CLUTCH "B" PRESSURE CHARGE PERFORMANCE | | | | | | T * |
| **M** | P2857 | CLUTCH "A" PRESSURE ENGAGEMENT PERFORMANCE / TOO LOW | | | | | | T * |
| **M** | P2858 | CLUTCH "B" PRESSURE ENGAGEMENT PERFORMANCE / TOO LOW | | | | | | T * |
| **M** | P2859 | CLUTCH "A" PRESSURE DISENGAGEMENT PERFORMANCE / TOO LOW | | | | | | T * |
| **M** | P285A | CLUTCH "B" PRESSURE DISENGAGEMENT PERFORMANCE / TOO LOW | | | | | | T * |
| **M** | P285B | SHIFT FORK "A" ACTUATOR CIRCUIT / OPEN | | | | T | | T * |
| **W** | P285C | SHIFT FORK "A" ACTUATOR CIRCUIT PERFORMANCE | | | | T | | T * |
| **M** | P285D | SHIFT FORK "A" ACTUATOR CIRCUIT LOW | | | | T | | T * |
| **M** | P285E | SHIFT FORK "A" ACTUATOR CIRCUIT HIGH | | | | T | | T * |
| **M** | P285F | SHIFT FORK "B" ACTUATOR CIRCUIT / OPEN | | | | T | | T * |
| **W** | P2860 | SHIFT FORK "B" ACTUATOR CIRCUIT PERFORMANCE | | | | T | | T * |
| **M** | P2861 | SHIFT FORK "B" ACTUATOR CIRCUIT LOW | | | | T | | T * |
| **M** | P2862 | SHIFT FORK "B" ACTUATOR CIRCUIT HIGH | | | | T | | T * |
| **M W** | P286F | CLUTCH "A" DISENGAGEMENT TIME PERFORMANCE TOO / SLOW | | | | | | T * **+** |
| **M** | P2872 | CLUTCH "A" STUCK ENGAGED | | | | | | T * |
| **M W** | P2877 | CLUTCH "B" DISENGAGEMENT TIME PERFORMANCE TOO / SLOW | | | | | | T * **+** |
| **M** | P287A | CLUTCH "B" STUCK ENGAGED | | | | | | T * |
| **M** | P287B | SHIFT FORK CALIBRATION NOT LEARNED | | | | | | T * |
| **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 * | | | |
| | 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 * | | | |

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|---|---|---|---|---|---|---|---|---|
| **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 1) | | | 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 | | | |
| | 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 TRANSCEIVER 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 | | | |
| | 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 | | | |

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|---|---|---|---|---|---|---|---|---|
| | 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 | | | |
| | 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 | | | | | | T |
| | C1222 | WHEEL SPEED MISMATCH | | | | | | T |
| | C1296 | WHEEL SPEED LF SIGNAL FAULT | | | | | | T |
| | C1297 | WHEEL SPEED RF SIGNAL FAULT | | | | | | T |
| | C1298 | WHEEL SPEED RR SIGNAL FAULT | | | | | | T |
| | C1299 | WHEEL SPEED LR SIGNAL FAULT | | | | | | T |
| | | **STAND ALONE BATTERY ENERGY CONTROL MODULE DTC's** | | | | | | |
| | B10A2 | CRASH INPUT | G | G | G | | | T |
| | B11D5 | RESTRAINTS EVENT - VEHICLE DISABLED | | | | | | T |
| | B11D8 | RESTRAINTS EVENT NOTIFICATION | | | | | | T |
| | U1003 | SYSTEM CLOCK | | | | | | T |
| | U1006 | SUB NETWORK CAN INIALISATION FAILURE | | | | | | T |
| | U200D | CONTROL MODULE OUTPUT POWER "A" | | | | | | T |
| | | **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 | | | T |
| **M** | U0002 | HIGH SPEED CAN COMMUNICATION BUS PERFORMANCE | G | G | G | | | T * |
| | 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 | | | T * + |
| **M** | U0074 | CONTROL MODULE COMMUNICATION BUS "B" OFF | | | | | | T |
| **M W** | U0100 | LOST COMMUNICATION WITH ECM / PCM "A" | | | G | | | T * + |
| **M** | U0101 | LOST COMMUNICATION WITH TCM | G | G | G * | | | T |
| **M** | U0102 | LOST COMMUNICATION WITH TRANSFER CASE CONTROL MODULE | | | G | | | T |
| | U0103 | LOST COMMUNICATION WITH GEAR SHIFT CONTROL MODULE "A" | | | | | | T |
| | 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 * | | | |
| | U0109 | LOST COMMUNICATION WITH FUEL PUMP CONTROL MODULE "A" | G | G | G | | | |
| | U0111 | LOST COMMUNICATION WITH BATTERY ENERGY CONTROL MODULE "A" | | | G | | | T |
| | U0113 | LOST COMMUNICATION WITH EMISSIONS CRITICAL CONTROL INFORMATION | | | | | | T |
| | U0114 | LOST COMMUNICATION WITH FOUR-WHEEL DRIVE CLUTCH CONTROL MODULE | | | G | | | |
| **W** | U0115 | LOST COMMUNICATION WITH ECM / PCM "B" | | | | | | T + |
| | U0120 | LOST COMMUNICATION WITH STARTER / GENERATOR CONTROL MODULE | | G | G | | | |
| **M W** | U0121 | LOST COMMUNICATION WITH ANTI-LOCK BRAKE SYSTEM (ABS) CONTROL MODULE | | | G * | | | 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 | | | G | | | T + |

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|---|---|---|---|---|---|---|---|---|
| | 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 | | | | | | |
| | U0139 | LOST COMMUNICATION WITH SUSPENSION CONTROL MODULE | | | | | | |
| | U0140 | LOST COMMUNICATION WITH BODY CONTROL MODULE | G | G | G | | | T |
| | U0151 | LOST COMMUNICATION WITH RESTRAINTS CONTROL MODULE | | | G | | | |
| **M W** | U0155 | LOST COMMUNICATION WITH INSTRUMENT PANEL CLUSTER (IPC) CONTROL MODULE | | | G * | | | T **+** |
| | U0166 | LOST COMMUNICATION WITH AUXILIARY HEATER CONTROL MODULE | | | | | | |
| | U0167 | LOST COMMUNICATION WITH VEHICLE IMMOBILIZER CONTROL MODULE | G | G | G | | | |
| | U0212 | LOST COMMUNICATION WITH STEERING COLUMN CONTROL MODULE | | | | | | |
| | U0284 | LOST COMMUNICATION WITH ACTIVE GRILLE AIR SHUTTER MODULE "A" | | | G | | | |
| **M** | U0293 | LOST COMMUNICATION WITH HYBRID / EV POWERTRAIN CONTROL MODULE | G | G | G * | | | |
| **W** | U0294 | LOST COMMUNICATION WITH POWERTRAIN CONTROL MONITOR MODULE | | | | | | T **+** |
| | U0298 | LOST COMMUNICATION WITH DC TO DC CONVERTER CONTROL MODULE "A" | | | G | | | T |
| | U029A | LOST COMMUNICATION WITH HYBRID / EV BATTERY PACK SENSOR MODULE | | | G | | | T |
| **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 * **+** | | | T |
| | U0301 | SOFTWARE INCOMPATIBILITY WITH ENGINE / POWERTRAIN CONTROL MODULE | | | | | | T |
| | 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 * | | | |
| **M** | U030C | SOFTWARE INCOMPATIBILITY WITH REDUCTANT QUALITY MODULE | | | G * | | | |
| **M** | U030D | SOFTWARE INCOMPATIBILITY WITH NOx SENSOR "A" | | | G * | | | |
| **M** | U030E | SOFTWARE INCOMPATIBILITY WITH NOx SENSOR "B" | | | G * | | | |
| | U0335 | SOFTWARE INCOMPATIBILITY WITH HYBRID BATTERY PACK SENSOR MODULE | | | | | | T |
| | U0336 | SOFTWARE INCOMPATIBILITY WITH RESTRAINTS CONTROL MODULE | | | | | | T |
| **M** | U0401 | INVALID DATA RECEIVED FROM ECM / PCM "A" | | | | | | T * |
| **W** | U0402 | INVALID DATA RECEIVED FROM TRANSMISSION CONTROL MODULE (TCM) | | | G **+** | | | T |
| | UO404 | INVALID DATA RECEIVED FROM GEAR SHIFT CONTROL MODULE "A" | G | G | G | | | |
| | UO405 | INVALID DATA RECEIVED FROM CRUISE CONTROL MODULE (TCM) | G | G | G | | | |
| **M** | U0414 | INVALID DATA RECEIVED FROM FOUR-WHEEL DRIVE CLUTCH CONTROL MODULE | | | | | | T * |
| **M W** | U0415 | INVALID DATA RECEIVED FROM ANTI-LOCK BRAKE SYSTEM CONTROL MODULE | | G | G | | | T * **+** |
| | U0416 | INVALID DATA RECEIVED FROM VEHICLE DYNAMICS CONTROL MODULE | | | G | | | |
| | U0418 | INVALID DATA RECEIVED FROM BRAKE SYSTEM CONTROL MODULE | | | G | | | |
| | U041E | INVALID DATA RECEIVED FROM ALL WHEEL DRIVE CONTROL MODULE | | | | | | |
| **M** | U0423 | INVALID DATA RECEIVED FROM INSTRUMENT PANEL CLUSTER CONTROL MODULE | G | G | G * | | | |
| | U0424 | INVALID DATA RECEIVED FROM HVAC CONTROL MODULE | | | | | | T |
| | 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 | | | |
| **M** | U0441 | INVALID DATA RECEIVED FROM EMISSIONS CRITICAL CONTROL INFORMATION | | | | | | T * |
| | U0452 | INVALID DATA RECEIVED FROM RESTRAINTS CONTROL MODULE | | | G | | | T |
| | U0469 | INVALID DATA RECEIVED FROM STARTER / GENERATOR CONTROL MODULE | | | G | | | |
| **M** | U04A4 | INVALID DATA RECEIVED FROM PM SENSOR | | | | | | |
| | U0585 | INVALID DATA RECEIVED FROM ACTIVE GRILLE AIR SHUTTER CONTROL MODULE "A" | | | | | | |
| | U0588 | INVALID DATA RECEIVED FROM TRANSMISSION FLUID PUMP MODULE | | | | | | |
| **M** | U0594 | INVALID DATA RECEIVED FROM HYBRID / EV POWERTRAIN CONTROL MODULE | G | G | G * | | | |
| | U0599 | INVALID DATA RECEIVED FROM DC TO DC CONVERTER CONTROL MODULE "A" | | | | | | T |
| **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 | | | | | | |
| | U1003 | SYSTEM CLOCK | | | | | | T |
| | U1006 | SUB NETWORK CAN INITIALIZATION FAILURE | | | | | | T |
| | U1010 | INVALID INTERNAL CONTROL MODULE MONITORING DATA RECEIVED FROM HYBRID/EV PCM | | | G | | | |
| | U1021 | SCP (J1850) INVALID OR MISSING DATA FOR A/C CLUTCH SENSE INPUT | G | G | G | | | |
| | U1029 | LOST COMMUNICATION WITH BRAKE SYSTEM CONTROL MODULE | | | G | | | |

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|---|---|---|---|---|---|---|---|---|
| **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 | | | T |
| | U1950 | UBP COMMUNICATION BUS FAULT | | | G | | | |
| | U200D | CONTROL MODULE OUTPUT POWER "A" | | | | | | T |
| **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 | | | T |
| | U2050 | NO APPLICATION PRESENT | | | G | | | T |
| | U2051 | ONE OR MORE CALIBRATION FILES MISSING / CORRUPT | | | | | | T |
| | 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** | | | | | | |
| | U3000 | CONTROL MODULE | | | | | | T |
| | U3001 | CONTROL MODULE IMPROPER SHUTDOWN PERFORMANCE | | | | | | T |
| | U3003 | BATTERY VOLTAGE | | | | | | T |
| | | | | | | | | |