



ProECU Subaru DIT



DTC List

2012-onward Model Year

v1.0

Engine DTC List

P000A	A CAMSHAFT POSITION SLOW RESPONSE (BANK 1)
P000B	B CAMSHAFT POSITION SLOW RESPONSE (BANK 1)
P000C	A CAMSHAFT POSITION SLOW RESPONSE (BANK 2)
P000D	B CAMSHAFT POSITION SLOW RESPONSE (BANK 2)
P0010	"A" CAMSHAFT POSITION ACTUATOR CIRCUIT/OPEN (BANK 1)
P0011	INTAKE CAMSHAFT POSITION - TIMING OVER-ADVANCED OR SYSTEM PERFORMANCE (BANK 1)
P0013	B CAMSHAFT POSITION ACTUATOR CIRCUIT/OPEN (BANK 1)
P0014	EXHAUST AVCS SYSTEM 1 (RANGE/PERFORMANCE)
P0016	CRANKSHAFT POSITION - CAMSHAFT POSITION CORRELATION (BANK1)
P0017	CRANK AND CAM TIMING B SYSTEM FAILURE (BANK 1)
P0018	CRANKSHAFT POSITION - CAMSHAFT POSITION CORRELATION (BANK2)
P0019	CRANK AND CAM TIMING B SYSTEM FAILURE (BANK 2)
P0020	"A" CAMSHAFT POSITION ACTUATOR CIRCUIT/OPEN (BANK 2)
P0021	INTAKE CAMSHAFT POSITION - TIMING OVER-ADVANCED OR SYSTEM PERFORMANCE (BANK 2)
P0023	B CAMSHAFT POSITION ACTUATOR CIRCUIT/OPEN (BANK 2)
P0024	EXHAUST AVCS SYSTEM 2 (RANGE/PERFORMANCE)
P0030	HO2S HEATER CONTROL CIRCUIT (BANK 1 SENSOR 1)
P0031	HO2S HEATER CONTROL CIRCUIT LOW (BANK 1 SENSOR 1)
P0032	HO2S HEATER CONTROL CIRCUIT HIGH (BANK 1 SENSOR 1)
P0037	HO2S HEATER CONTROL CIRCUIT LOW (BANK 1 SENSOR 2)
P0038	HO2S HEATER CONTROL CIRCUIT HIGH (BANK 1 SENSOR 2)
P0068	MAP/MAF - THROTTLE POSITION CORRELATION
P0071	AMBIENT TEMPERATURE SENSOR CIRCUIT "A" RANGE/PERFORMANCE
P0072	AMBIENT TEMPERATURE SENSOR CIRCUIT "A" LOW
P0073	AMBIENT TEMPERATURE SENSOR CIRCUIT "A" HIGH
P0087	FUEL RAIL/SYSTEM PRESSURE - TOO LOW
P0088	FUEL RAIL/SYSTEM PRESSURE - TOO HIGH
P0096	INTAKE AIR TEMPERATURE SENSOR #2 RANGE/PERFORMANCE PROBLEM
P0097	INTAKE AIR TEMPERATURE SENSOR #2 CIRCUIT (LOW)
P0098	INTAKE AIR TEMPERATURE SENSOR #2 CIRCUIT (HIGH)
P0101	MASS OR VOLUME AIR FLOW CIRCUIT RANGE/PERFORMANCE
P0102	MASS OR VOLUME AIR FLOW CIRCUIT LOW INPUT
P0103	MASS OR VOLUME AIR FLOW CIRCUIT HIGH INPUT
P0107	MANIFOLD ABSOLUTE PRESSURE/BAROMETRIC PRESSURE CIRCUIT LOW INPUT
P0108	MANIFOLD ABSOLUTE PRESSURE/BAROMETRIC PRESSURE CIRCUIT HIGH INPUT
P0111	INTAKE AIR TEMPERATURE SENSOR RANGE/PERFORMANCE PROBLEM
P0112	INTAKE AIR TEMPERATURE SENSOR 1 CIRCUIT LOW
P0113	INTAKE AIR TEMPERATURE SENSOR 1 CIRCUIT HIGH
P0116	ENGINE COOLANT TEMPERATURE SENSOR 1 CIRCUIT RANGE/PERFORMANCE
P0117	ENGINE COOLANT TEMPERATURE CIRCUIT LOW
P0118	ENGINE COOLANT TEMPERATURE CIRCUIT HIGH
P0122	THROTTLE/PEDAL POSITION SENSOR/SWITCH "A" CIRCUIT LOW
P0123	THROTTLE/PEDAL POSITION SENSOR/SWITCH "A" CIRCUIT HIGH
P0125	INSUFFICIENT COOLANT TEMPERATURE FOR CLOSED LOOP FUEL CONTROL
P0128	COOLANT THERMOSTAT (ENGINE COOLANT TEMPERATURE BELOW THERMOSTAT REGULATING TEMPERATURE)
P0130	O2 SENSOR CIRCUIT (BANK 1 SENSOR 1)
P0131	O2 SENSOR CIRCUIT LOW VOLTAGE (BANK 1 SENSOR 1)

P0132 O2 SENSOR CIRCUIT HIGH VOLTAGE (BANK 1 SENSOR 1)
P0134 O2 SENSOR CIRCUIT NO ACTIVITY DETECTED (BANK 1 SENSOR 1)
P0137 O2 SENSOR CIRCUIT LOW VOLTAGE (BANK 1 SENSOR 2)
P0138 O2 SENSOR CIRCUIT HIGH VOLTAGE (BANK 1 SENSOR 2)
P013A O2 SENSOR SLOW RESPONSE - RICH TO LEAN (BANK 1 SENSOR 2)
P013B O2 SENSOR SLOW RESPONSE - LEAN TO RICH (BANK 1 SENSOR 2)
P013E O2 SENSOR DELAYED RESPONSE - RICH TO LEAN (BANK 1 SENSOR 2)
P013F O2 SENSOR DELAYED RESPONSE - LEAN TO RICH (BANK 1 SENSOR 2)
P0141 O2 SENSOR HEATER CIRCUIT (BANK1 SENSOR2)
P014C O2 SENSOR SLOW RESPONSE - RICH TO LEAN (BANK 1 SENSOR 1)
P014D O2 SENSOR SLOW RESPONSE - LEAN TO RICH (BANK 1 SENSOR 1)
P015A O2 SENSOR DELAYED RESPONSE - RICH TO LEAN (BANK 1 SENSOR 1)
P015B O2 SENSOR DELAYED RESPONSE - LEAN TO RICH (BANK 1 SENSOR 1)
P0171 SYSTEM TOO LEAN (BANK 1)
P0172 SYSTEM TOO RICH (BANK 1)
P0191 FUEL RAIL PRESSURE SENSOR "A" CIRCUIT RANGE/PERFORMANCE
P0192 FUEL RAIL PRESSURE SENSOR CIRCUIT LOW
P0193 FUEL RAIL PRESSURE SENSOR CIRCUIT HIGH
P0196 ENGINE OIL TEMPERATURE SENSOR CIRCUIT RANGE/PERFORMANCE
P0197 ENGINE OIL TEMPERATURE SENSOR LOW
P0198 ENGINE OIL TEMPERATURE SENSOR HIGH
P0201 INJECTOR #1
P0202 INJECTOR #2
P0203 INJECTOR #3
P0204 INJECTOR #4
P0222 THROTTLE/PEDAL POSITION SENSOR/SWITCH "B" CIRCUIT LOW
P0223 THROTTLE/PEDAL POSITION SENSOR/SWITCH "B" CIRCUIT HIGH
P0230 FUEL PUMP PRIMARY CIRCUIT
P023F FUEL PUMP SECONDARY CIRCUIT/OPEN
P0244 TURBO/SUPER CHARGER WASTEGATE SOLENOID "A" RANGE/PERFORMANCE
P0245 TURBO/SUPER CHARGER WASTEGATE SOLENOID "A" LOW
P0246 TURBO/SUPER CHARGER WASTEGATE SOLENOID "A" HIGH
P0300 RANDOM/MULTIPLE CYLINDER MISFIRE DETECTED
P0301 CYLINDER 1 MISFIRE DETECTED
P0302 CYLINDER 2 MISFIRE DETECTED
P0303 CYLINDER 3 MISFIRE DETECTED
P0304 CYLINDER 4 MISFIRE DETECTED
P0327 KNOCK SENSOR 1 CIRCUIT LOW (BANK 1 OR SINGLE SENSOR)
P0328 KNOCK SENSOR 1 CIRCUIT HIGH (BANK 1 OR SINGLE SENSOR)
P0332 KNOCK SENSOR 2 CIRCUIT LOW (BANK 2)
P0333 KNOCK SENSOR 2 CIRCUIT HIGH (BANK 2)
P0335 CRANKSHAFT POSITION SENSOR "A" CIRCUIT
P0336 CRANKSHAFT POSITION SENSOR "A" CIRCUIT RANGE/PERFORMANCE
P0340 CAMSHAFT POSITION SENSOR "A" CIRCUIT (BANK 1 OR SINGLE SENSOR)
P0341 CAMSHAFT POSITION SENSOR "A" CIRCUIT RANGE/PERFORMANCE (BANK 1 OR SINGLE SENSOR)
P0345 CAMSHAFT POSITION SENSOR "A" CIRCUIT (BANK 2)
P0346 CAMSHAFT POSITION SENSOR "A" CIRCUIT RANGE/PERFORMANCE (BANK 2)
P0351 IGNITION COIL A PRIMARY/SECONDARY CIRCUIT
P0352 IGNITION COIL B PRIMARY/SECONDARY CIRCUIT
P0353 IGNITION COIL C PRIMARY/SECONDARY CIRCUIT

P0354 IGNITION COIL D PRIMARY/SECONDARY CIRCUIT
P0365 CAMSHAFT POSITION SENSOR "B" CIRCUIT (BANK 1)
P0366 CAMSHAFT POSITION SENSOR B CIRCUIT RANGE/PERFORMANCE (BANK 1)
P0390 CAMSHAFT POSITION SENSOR "B" CIRCUIT (BANK 2)
P0391 CAMSHAFT POSITION SENSOR B CIRCUIT RANGE/PERFORMANCE (BANK 2)
P0400 EXHAUST GAS RECIRCULATION FLOW
P0410 SECONDARY AIR INJECTION SYSTEM
P0411 SECONDARY AIR INJECTION SYSTEM INCORRECT FLOW DETECTED
P0413 SECONDARY AIR INJECTION SYSTEM SWITCHING VALVE "A" CIRCUIT OPEN
P0414 SECONDARY AIR INJECTION SYSTEM SWITCHING VALVE "A" CIRCUIT SHORTED
P0416 SECONDARY AIR INJECTION SYSTEM SWITCHING VALVE "B" CIRCUIT OPEN
P0417 SECONDARY AIR INJECTION SYSTEM SWITCHING VALVE "B" CIRCUIT SHORTED
P0420 CATALYST SYSTEM EFFICIENCY BELOW THRESHOLD (BANK 1)
P0441 EVAPORATIVE EMISSION CONT. SYS. INCORRECT PURGE FLOW
P0451 EVAPORATIVE EMISSION SYSTEM PRESSURE SENSOR/SWITCH RANGE/PERFORMANCE
P0452 EVAPORATIVE EMISSION SYSTEM PRESSURE SENSOR/SWITCH LOW
P0453 EVAPORATIVE EMISSION SYSTEM PRESSURE SENSOR/SWITCH HIGH
P0455 EVAPORATIVE EMISSION SYSTEM LEAK DETECTED (LARGE LEAK)
P0456 EVAPORATIVE EMISSION CONTROL SYSTEM LEAK DETECTED (VERY SMALL LEAK)
P0458 EVAPORATIVE EMISSION SYSTEM PURGE CONTROL VALVE CIRCUIT LOW
P0459 EVAPORATIVE EMISSION SYSTEM PURGE CONTROL VALVE CIRCUIT HIGH
P0461 FUEL LEVEL SENSOR "A" CIRCUIT RANGE/PERFORMANCE
P0462 FUEL LEVEL SENSOR "A" CIRCUIT LOW
P0463 FUEL LEVEL SENSOR "A" CIRCUIT HIGH
P04AC EVAP SYSTEM PURGE CONTROL VALVE "B" CIRCUIT LOW
P04AD EVAP SYSTEM PURGE CONTROL VALVE "B" CIRCUIT HIGH
P04DB CRANKCASE VENTILATION SYSTEM DISCONNECTED
P0500 VEHICLE SPEED SENSOR "A"
P0506 IDLE AIR CONTROL SYSTEM RPM LOWER THAN EXPECTED
P0507 IDLE AIR CONTROL SYSTEM RPM HIGHER THAN EXPECTED
P050A COLD START IDLE AIR CONTROL SYSTEM PERFORMANCE
P050B COLD START IGNITION TIMING PERFORMANCE
P0512 STARTER REQUEST CIRCUIT
P0560 SYSTEM VOLTAGE
P0601 INTERNAL CONTROL MODULE MEMORY CHECKSUM ERROR
P0604 INTERNAL CONTROL MODULE RANDOM ACCESS MEMORY (RAM) ERROR
P0605 INTERNAL CONTROL MODULE READ ONLY MEMORY (ROM) ERROR
P0606 CONTROL MODULE PROCESSOR
P060A INTERNAL CONTROL MODULE MONITORING PROCESSOR PERFORMANCE
P060B INTERNAL CONTROL MODULE A/D PROCESSING PERFORMANCE
P0616 STARTER RELAY CIRCUIT LOW
P0617 STARTER RELAY CIRCUIT HIGH
P062D FUEL INJECTOR DRIVER CIRCUIT PERFORMANCE (BANK 1)
P062F INTERNAL CONTROL MODULE EEPROM ERROR
P0685 ECM/PCM POWER RELAY CONTROL CIRCUIT/OPEN
P0700 TRANSMISSION CONTROL SYSTEM (MIL REQUEST)
P0705 TRANSMISSION RANGE SENSOR CIRCUIT (PRNDL INPUT)
P0708 AT RANGE SWITCH NOT INPUTTED
P0711 ATF TEMP. SENSOR CIRCUIT RANGE/PERFORMANCE
P0712 TRANSMISSION FLUID TEMPERATURE SENSOR CIRCUIT LOW INPUT

P0713 TRANSMISSION FLUID TEMPERATURE SENSOR CIRCUIT HIGH INPUT
P0719 BRAKE SWITCH CIRCUIT LOW
P0720 OUTPUT SPEED SENSOR CIRCUIT
P0721 OUTPUT SHAFT SPEED SENSOR CIRCUIT RANGE/PERFORMANCE
P0724 BRAKE SWITCH CIRCUIT HIGH
P0730 GEARSHIFT CONTROL PERFORMANCE ABNORMAL
P0746 PRESSURE CONTROL SOLENOID "A" PERFORMANCE/STUCK OFF
P0747 PRESSURE CONTROL SOLENOID "A" STUCK ON
P0751 SHIFT SOLENOID "A" PERFORMANCE/STUCK OFF
P0752 SHIFT SOLENOID "A" STUCK ON
P0756 SHIFT SOLENOID "B" PERFORMANCE/STUCK OFF
P0757 SHIFT SOLENOID "B" STUCK ON
P0776 PRESSURE CONTROL SOLENOID "B" PERFORMANCE/STUCK OFF
P0801 REVERSE INHIBIT CONTROL CIRCUIT
P081A STARTER DISABLE CIRCUIT LOW
P0841 SECONDARY OIL PRESSURE SENSOR PERFORMANCE
P0842 SECONDARY OIL PRESSURE SENSOR CIRCUIT (LOW)
P0843 SECONDARY OIL PRESSURE SENSOR CIRCUIT (HIGH)
P0851 NEUTRAL SWITCH INPUT CIRCUIT LOW (MT MODEL)
P0852 NEUTRAL SWITCH INPUT CIRCUIT HIGH (MT MODEL)
P0890 AT SELF-SHUT RELAY DIAGNOSIS (LOW)
P0951 MANUAL SWITCH
P0961 PRESSURE CONTROL SOLENOID "A" CONTROL CIRCUIT RANGE/PERFORMANCE
P0962 SECONDARY SOLENOID CIRCUIT (LOW)
P0963 SECONDARY SOLENOID CIRCUIT (HIGH)
P0965 FORWARD & REVERSE SOLENOID FUNCTION
P0966 FORWARD & REVERSE SOLENOID CIRCUIT (LOW)
P0967 FORWARD & REVERSE LINEAR SOLENOID CIRCUIT (HIGH)
P0970 TRANSFER SOLENOID CIRCUIT (LOW)
P0971 TRANSFER SOLENOID CIRCUIT (HIGH)
P0973 PRIMARY SOLENOID SYSTEM A CIRCUIT (LOW)
P0974 PRIMARY SOLENOID SYSTEM A CIRCUIT (HIGH)
P0976 PRIMARY SOLENOID SYSTEM B CIRCUIT (LOW)
P0977 PRIMARY SOLENOID SYSTEM B CIRCUIT (HIGH)
P1134 A/F SENSOR MICRO-COMPUTER PROBLEM
P113A O2 SENSOR CIRCUIT (OPEN) (BANK1 SENSOR2)
P1160 RETURN SPRING FAILURE
P1261 DI INJECTOR CIRCUIT / OPEN - (CYLINDER 1)
P1262 DI INJECTOR CIRCUIT / OPEN - (CYLINDER 2)
P1263 DI INJECTOR CIRCUIT / OPEN - (CYLINDER 3)
P1264 DI INJECTOR CIRCUIT / OPEN - (CYLINDER 4)
P1410 SECONDARY AIR INJECTION SYSTEM SWITCHING VALVE STUCK OPEN
P1449 EVAPORATIVE EMISSION CONT. SYS. AIR FILTER CLOG
P1451 EVAPORATIVE EMISSION CONT. SYS.
P1458 CPC2 SOLENOID VALVE (CIRCUIT LOW)
P1459 CPC2 SOLENOID VALVE (CIRCUIT HIGH)
P1492 EGR SOLENOID VALVE SIGNAL #1 CIRCUIT MALFUNCTION (LOW INPUT)
P1493 EGR SOLENOID VALVE SIGNAL #1 CIRCUIT MALFUNCTION (HIGH INPUT)
P1494 EGR SOLENOID VALVE SIGNAL #2 CIRCUIT MALFUNCTION (LOW INPUT)
P1495 EGR SOLENOID VALVE SIGNAL #2 CIRCUIT MALFUNCTION (HIGH INPUT)

P1496 EGR SOLENOID VALVE SIGNAL #3 CIRCUIT MALFUNCTION (LOW INPUT)
P1497 EGR SOLENOID VALVE SIGNAL #3 CIRCUIT MALFUNCTION (HIGH INPUT)
P1498 EGR SOLENOID VALVE SIGNAL #4 CIRCUIT MALFUNCTION (LOW INPUT)
P1499 EGR SOLENOID VALVE SIGNAL #4 CIRCUIT MALFUNCTION (HIGH INPUT)
P1521 BRAKE SWITCH CIRCUIT RANGE/PERFORMANCE PROBLEM (HIGH INPUT)
P1603 ENGINE STALL HISTORY
P1604 STARTABILITY MALFUNCTION
P160A RANDOM ACCESS MEMORY (RAM) ERROR
P1706 AT VEHICLE SPEED SENSOR CIRCUIT MALFUNCTION (REAR WHEEL)
P170B OUTPUT SPEED SENSOR CIRCUIT RANGE/PERFORMANCE REAR
P176A VEHICLE DYNAMICS CONTROL SYSTEM ERROR
P1875 CIRCUIT OF CENTER DIFF
P1C00 BATTERY MONITOR MODULE "A"
P2004 INTAKE MANIFOLD RUNNER CONTROL STUCK OPEN (BANK 1)
P2005 INTAKE MANIFOLD RUNNER CONTROL STUCK OPEN (BANK 2)
P2006 INTAKE MANIFOLD RUNNER CONTROL STUCK CLOSED (BANK 1)
P2007 INTAKE MANIFOLD RUNNER CONTROL STUCK CLOSED (BANK 2)
P2008 INTAKE MANIFOLD RUNNER CONTROL CIRCUIT / OPEN (BANK 1)
P2009 INTAKE MANIFOLD RUNNER CONTROL CIRCUIT LOW (BANK 1)
P2011 INTAKE MANIFOLD RUNNER CONTROL CIRCUIT / OPEN (BANK 2)
P2012 INTAKE MANIFOLD RUNNER CONTROL CIRCUIT LOW (BANK 2)
P2016 TUMBLE GENERATED VALVE POSITION SENSOR 1 CIRCUIT LOW
P2017 TUMBLE GENERATED VALVE POSITION SENSOR 1 CIRCUIT HIGH
P2021 TUMBLE GENERATED VALVE POSITION SENSOR 2 CIRCUIT LOW
P2022 TUMBLE GENERATED VALVE POSITION SENSOR 2 CIRCUIT HIGH
P2088 INTAKE CAMSHAFT POSITION ACTUATOR CONTROL CIRCUIT LOW (BANK 1)
P2089 INTAKE CAMSHAFT POSITION ACTUATOR CONTROL CIRCUIT HIGH (BANK 1)
P2090 EXHAUST CAMSHAFT POSITION ACTUATOR CONTROL CIRCUIT LOW (BANK 1)
P2091 EXHAUST CAMSHAFT POSITION ACTUATOR CONTROL CIRCUIT HIGH (BANK 1)
P2092 INTAKE CAMSHAFT POSITION ACTUATOR CONTROL CIRCUIT LOW (BANK 2)
P2093 INTAKE CAMSHAFT POSITION ACTUATOR CONTROL CIRCUIT HIGH (BANK 2)
P2094 EXHAUST CAMSHAFT POSITION ACTUATOR CONTROL CIRCUIT LOW (BANK 2)
P2095 EXHAUST CAMSHAFT POSITION ACTUATOR CONTROL CIRCUIT HIGH (BANK 2)
P2096 POST CATALYST FUEL TRIM SYSTEM TOO LEAN (BANK 1)
P2097 POST CATALYST FUEL TRIM SYSTEM TOO RICH (BANK 1)
P2101 THROTTLE ACTUATOR CONTROL MOTOR CIRCUIT RANGE/PERFORMANCE
P2102 THROTTLE ACTUATOR CONTROL MOTOR CIRCUIT LOW
P2103 THROTTLE ACTUATOR CONTROL MOTOR CIRCUIT HIGH
P2109 THROTTLE/PEDAL POSITION SENSOR "A" MINIMUM STOP PERFORMANCE
P2119 THROTTLE ACTUATOR CONTROL THROTTLE BODY RANGE/PERFORMANCE
P2122 THROTTLE/PEDAL POSITION SENSOR/SWITCH "D" CIRCUIT LOW INPUT
P2123 THROTTLE/PEDAL POSITION SENSOR/SWITCH "D" CIRCUIT HIGH INPUT
P2127 THROTTLE/PEDAL POSITION SENSOR/SWITCH "E" CIRCUIT LOW INPUT
P2128 THROTTLE/PEDAL POSITION SENSOR/SWITCH "E" CIRCUIT HIGH INPUT
P2135 THROTTLE/PEDAL POSITION SENSOR/SWITCH "A"/"B" VOLTAGE CORRELATION
P2138 THROTTLE/PEDAL POSITION SENSOR/SWITCH "D"/"E" VOLTAGE CORRELATION
P2146 FUEL INJECTOR POWER SUPPLY A OPEN CIRCUIT
P2158 VEHICLE SPEED SENSOR "B"
P2195 O2 SENSOR SIGNAL BIASED/STUCK LEAN (BANK 1 SENSOR 1)
P2196 O2 SENSOR SIGNAL BIASED/STUCK RICH (BANK 1 SENSOR 1)

P219A BANK 1 AIR-FUEL RATIO IMBALANCE
 P2227 BAROMETRIC PRESSURE CIRCUIT RANGE/PERFORMANCE
 P2228 BAROMETRIC PRESSURE CIRCUIT LOW
 P2229 BAROMETRIC PRESSURE CIRCUIT HIGH
 P2257 AIR SYSTEM CONTROL "A" CIRCUIT LOW
 P2258 AIR SYSTEM CONTROL "A" CIRCUIT HIGH
 P2270 O2 SENSOR SIGNAL BIASED/STUCK LEAN (BANK 1 SENSOR 2)
 P2271 O2 SENSOR SIGNAL BIASED/STUCK RICH (BANK 1 SENSOR 2)
 P2401 EVAPORATIVE EMISSION SYSTEM LEAK DETECTION PUMP CONTROL CIRCUIT LOW
 P2402 EVAPORATIVE EMISSION SYSTEM LEAK DETECTION PUMP CONTROL CIRCUIT HIGH
 P2404 EVAPORATIVE EMISSION SYSTEM LEAK DETECTION PUMP SENSE CIRCUIT RANGE/PERFORMANCE
 P2419 EVAPORATIVE EMISSION SYSTEM SWITCHING VALVE CONTROL CIRCUIT LOW
 P2420 EVAPORATIVE EMISSION SYSTEM SWITCHING VALVE CONTROL CIRCUIT HIGH
 P2431 SECONDARY AIR INJECTION SYSTEM AIR FLOW /PRESSURE SENSOR CIRCUIT RANGE/PERFORMANCE
 P2432 SECONDARY AIR INJECTION SYSTEM AIR FLOW /PRESSURE SENSOR CIRCUIT LOW
 P2433 SECONDARY AIR INJECTION SYSTEM AIR FLOW /PRESSURE SENSOR CIRCUIT HIGH
 P2440 SECONDARY AIR INJECTION SYSTEM SWITCHING VALVE STUCK OPEN (BANK1)
 P2441 SECONDARY AIR INJECTION SYSTEM SWITCHING VALVE STUCK CLOSED (BANK1)
 P2442 SECONDARY AIR INJECTION SYSTEM SWITCHING VALVE STUCK OPEN (BANK2)
 P2443 SECONDARY AIR INJECTION SYSTEM SWITCHING VALVE STUCK CLOSED (BANK2)
 P2444 SECONDARY AIR INJECTION SYSTEM PUMP STUCK ON
 P2530 IGNITION SWITCH RUN POSITION CIRCUIT
 P2610 ECM/PCM INTERNAL ENGINE OFF TIMER PERFORMANCE
 P2746 PRIMARY PULLEY REVOLUTION SPEED SENSOR CIRCUIT
 P2747 INTERMEDIATE SHAFT SPEED SENSOR "B" CIRCUIT NO SIGNAL
 P2750 SEC. PULLEY REVOLUTION SPEED SENSOR CIRCUIT
 P2751 INTERMEDIATE SHAFT SPEED SENSOR "C" CIRCUIT NO SIGNAL
 P2757 TORQUE CONVERTER CLUTCH PRESSURE CONTROL SOLENOID CONTROL CIRCUIT PERFORMANCE/STUCK OFF
 P2758 TORQUE CONVERTER CLUTCH PRESSURE CONTROL SOLENOID CONTROL CIRCUIT STUCK ON
 P2763 LOCK-UP DUTY SOLENOID CIRCUIT (HIGH)
 P2764 LOCK-UP DUTY SOLENOID CIRCUIT (LOW)
 P2769 LOCK-UP ON/OFF SOLENOID CIRCUIT (LOW)
 P2770 LOCK-UP ON/OFF SOLENOID CIRCUIT (HIGH)

ABS DTC List

C1211 FR WHEEL SPEED SENSOR SYSTEM WIRE BREAK/EXCESSIVE INPUT
 C1212 FR WHEEL SPEED SENSOR SYSTEM
 C1221 FL WHEEL SPEED SENSOR SYSTEM WIRE BREAK/EXCESSIVE INPUT
 C1222 FL WHEEL SPEED SENSOR SYSTEM
 C1231 RR WHEEL SPEED SENSOR SYSTEM WIRE BREAK/EXCESSIVE INPUT
 C1232 RR WHEEL SPEED SENSOR SYSTEM
 C1241 RL WHEEL SPEED SENSOR SYSTEM WIRE BREAK/EXCESSIVE INPUT
 C1242 RL WHEEL SPEED SENSOR SYSTEM
 C1311 FR INLET SOLENOID VALVE SYSTEM
 C1312 FR OUTLET SOLENOID VALVE SYSTEM
 C1321 FL INLET SOLENOID VALVE SYSTEM
 C1322 FL OUTLET SOLENOID VALVE SYSTEM
 C1331 RR INLET SOLENOID VALVE SYSTEM

C1332 RR OUTLET SOLENOID VALVE SYSTEM
C1341 RL INLET SOLENOID VALVE SYSTEM
C1342 RL OUTLET SOLENOID VALVE SYSTEM
C1351 NORMAL OPENING VALVE 1 MALFUNCTION
C1352 NORMAL OPENING VALVE 2 MALFUNCTION
C1361 NORMAL CLOSING VALVE 1 MALFUNCTION
C1362 NORMAL CLOSING VALVE 2 MALFUNCTION
C1411 ECU
C1412 PARAMETER SELECTION ERROR
C1413 POWER SUPPLY VOLTAGE FAILURE
C1422 VDC INTERRUPTION FOR ENGINE CONVENIENCE
C1423 DIFFERENT ECU SPECIFICATIONS
C1424 ECM FAILURE
C1431 AT ABNORMAL
C1511 VALVE RELAY
C1521 MOTOR RELAY
C1531 BLS OFF FAULT
C1532 BLS ON FAULT
C1711 STEERING ANGLE SENSOR ABNORMAL
C1721 YAW RATE SENSOR ABNORMAL
C1732 LATERAL G SENSOR ABNORMAL
C1733 LONGITUDINAL G SENSOR ABNORMAL
C1741 PRESSURE SENSOR
C1811 SYSTEM FAILURE
C2021 TIRE 1 AIR PRESSURE DECREASE
C2022 TIRE 2 AIR PRESSURE DECREASE
C2023 TIRE 3 AIR PRESSURE DECREASE
C2024 TIRE 4 AIR PRESSURE DECREASE
C2121 TRANSMITTER 1 NO DATA
C2122 TRANSMITTER 2 NO DATA
C2123 TRANSMITTER 3 NO DATA
C2124 TRANSMITTER 4 NO DATA
C2221 TRANSMITTER 1 PRESSURE DATA ABNORMAL
C2222 TRANSMITTER 2 PRESSURE DATA ABNORMAL
C2223 TRANSMITTER 3 PRESSURE DATA ABNORMAL
C2224 TRANSMITTER 4 PRESSURE DATA ABNORMAL
C2321 TRANSMITTER 1 FUNCTION CODE ABNORMAL
C2322 TRANSMITTER 2 FUNCTION CODE ABNORMAL
C2323 TRANSMITTER 3 FUNCTION CODE ABNORMAL
C2324 TRANSMITTER 4 FUNCTION CODE ABNORMAL
C2421 TRANSMITTER 1 BATTERY VOLTAGE DECREASE
C2422 TRANSMITTER 2 BATTERY VOLTAGE DECREASE
C2423 TRANSMITTER 3 BATTERY VOLTAGE DECREASE
C2424 TRANSMITTER 4 BATTERY VOLTAGE DECREASE
C2511 TORQUE SENSOR FAILURE 1 (MAIN)
C2512 TORQUE SENSOR FAILURE 2 (SUB)
C2513 TORQUE SENSOR FAILURE 3 (MUCH TOLERANCE)
C2514 TORQUE SENSOR POWER SUPPLY FAILURE
C2521 MOTOR FAILURE 1 (MOTOR)
C2522 MOTOR FAILURE 2 (ANGLE ABNORMAL)

C2531 ECU FAILURE 1 (CPU FAILURE)
C2532 ECU FAILURE 2 (PERIPHERAL CIRCUIT FAILURE)
C2533 ECM FAILURE 3 (BOARD TEMPERATURE SENSOR FAILURE)
C2541 VEHICLE SPEED FAILURE(SENSOR FAILURE)
C2543 ERROR PASSIVE STATUS
C2548 VEHICLE DYNAMICS CONTROL MODULE ABNORMAL
C2551 POWER SUPPLY RELAY FAILURE

CAN DTC List

U0073 CAN FAILURE, BUS 'OFF' DETECTION
U0077 LIN COMMUNICATION BUS "ECM/PCM" OFF
U0100 LOST COMMUNICATION WITH ECM/PCM "A"
U0101 LOST COMMUNICATION WITH TCM
U0122 CAN (VDC) DATA NOT LOADED
U0126 LOST COMMUNICATION WITH STEERING ANGLE SENSOR MODULE
U0131 LOST COMMUNICATION WITH POWER STEERING CONTROL MODULE
U0140 LOST COMMUNICATION WITH BODY CONTROL MODULE
U0151 LOST COMMUNICATION WITH RESTRAINTS CONTROL MODULE
U0155 LOST COMMUNICATION WITH INSTRUMENT PANEL CLUSTER (IPC) CONTROL MODULE
U0156 LOST COMMUNICATION WITH INFORMATION CENTER "A"
U0164 LOST COMMUNICATION WITH HVAC CONTROL MODULE
U0181 LOST COMMUNICATION WITH HEADLAMP LEVELING CONTROL MODULE
U0327 SOFTWARE INCOMPATIBILITY WITH VEHICLE SECURITY CONTROL MODULE
U0401 INVALID DATA RECEIVED FROM ECM/PCM "A"
U0402 INVALID DATA RECEIVED FROM TCM
U0416 CAN (VDC) DATA ABNORMAL
U0420 INVALID DATA RECEIVED FROM POWER STEERING CONTROL MODULE
U0422 INVALID DATA RECEIVED FROM BODY CONTROL MODULE
U0423 INVALID DATA RECEIVED FROM INSTRUMENT PANEL CLUSTER CONTROL MODULE
U0424 INVALID DATA RECEIVED FROM HVAC CONTROL MODULE
U0427 INVALID DATA RECEIVED FROM VEHICLE SECURITY CONTROL MODULE
U0428 INVALID DATA RECEIVED FROM STEERING ANGLE SENSOR MODULE
U0452 INVALID DATA RECEIVED FROM RESTRAINTS CONTROL MODULE
U1135 LOST COMMUNICATION WITH DCCD CONTROL MODULE
U1201 CAN-HS COUNTER ABNORMAL
U1436 INVALID DATA RECEIVED FROM DCCD CONTROL MODULE
U1500 KEYLESS UART COM. MALFUNCTION
U1650 INVALID DATA RECEIVED FROM METER (UART)
U1651 LOST COMMUNICATION WITH METER (UART)
U1712 LOST LIN COMMUNICATION WITH BATTERY "1" MONITOR MODULE