DTC INDEX

128i, 328i, 328xi, 525i, 528i, 528xi, 530i, 530xi, X3, X5, Z4

SELF-DIAGNOSTICS DTCS

SELF-DIAGNOSTICS DIAGNOSTIC TROUBLE CODE (DTC) LIST

DTC	Description
DTC P0010	'A' Camshaft Position - Actuator Circuit/Open (Bank 1) (SIG)
DTC P0012	'A' Camshaft Position - Timing Over-Retarded (Bank 1) (PLAUS)
DTC P0013	'B' Camshaft Position - Actuator Circuit/Open (Bank 1) (SIG)
DTC P0015	'B' Camshaft Position - Timing Over-Retarded (Bank 1) (PLAUS)
DTC P0016	Crankshaft Position - Camshaft Position Correlation (Bank 1 Sensor A) (MAX)
DTC P0017	Crankshaft Position - Camshaft Position Correlation (Bank 1 Sensor B) (MAX)
DTC P0030	HO2S Heater Control Circuit (Bank 1 Sensor 1) (SIG)
DTC P0031	HO2S Heater Control Circuit Low (Bank 1 Sensor 1) (MIN)
DTC P0032	HO2S Heater Control Circuit High (Bank 1 Sensor 1) (MAX)
DTC P0036	HO2S Heater Control Circuit (Bank 1 Sensor 2) (SIG)
DTC P0037	HO2S Heater Control Circuit Low (Bank 1 Sensor 2) (MIN)
DTC P0038	HO2S Heater Control Circuit High (Bank 1 Sensor 2) (MAX)
DTC P0040	O2 Sensor Signals Swapped Bank 1 Sensor 1/Bank 2 Sensor 1 (PLAUS)
DTC P0041	O2 Sensor Signals Swapped Bank 1 Sensor 2 / Bank 2 Sensor 2 (PLAUS)
DTC P0050	HO2S Heater Control Circuit (Bank 2 Sensor 1) (SIG)
DTC P0051	HO2S Heater Control Circuit Low (Bank 2 Sensor 1) (MIN)
DTC P0052	HO2S Heater Control Circuit High (Bank 2 Sensor 1) (MAX)
DTC P0056	HO2S Heater Control Circuit (Bank 2 Sensor 2) (SIG)
DTC P0057	HO2S Heater Control Circuit Low (Bank 2 Sensor 2) (MIN)
DTC P0058	HO2S Heater Control Circuit High (Bank 2 Sensor 2) (MAX)
DTC P0070	Ambient Air Temperature Sensor Circuit (SIG)
DTC P0071	Ambient Air Temperature Sensor Range/Performance (PLAUS)
DTC P0072	Ambient Air Temperature Sensor Circuit Low (MIN)
DTC P0073	Ambient Air Temperature Sensor Circuit High (MAX)
DTC P00B2	Radiator Coolant Temperature Sensor Circuit Range/Performance (PLAUS)
DTC P00B3	Radiator Coolant Temperature Sensor Circuit Low (MIN)
DTC P00B4	Radiator Coolant Temperature Sensor Circuit High (MAX)
DTC P0100	Mass or Volume Air Flow 'A' Circuit (MAX)
DTC P0111	Intake Air Temperature Sensor 1 Circuit Range/Performance (Bank 1) (PLAUS)
DTC P0112	Intake Air Temperature Sensor 1 Circuit Low (Bank 1) (MIN)
DTC P0113	Intake Air Temperature Sensor 1 Circuit High (Bank 1) (MAX)
DTC P0117	Engine Coolant Temperature Sensor 1 Circuit Low (MIN)
DTC P0118	Engine Coolant Temperature Sensor 1 Circuit High (MAX)

2007 BMW Z4

DTC INDEX 128i, 328i, 328xi, 525i, 528i, 528xi, 530i, 530xi, X3, X5, Z4

DTC P0121	Throttle/Pedal Position Sensor/Switch 'A' Circuit Range/Performance (PLAUS)
DTC P0122	Throttle/Pedal Position Sensor/Switch 'A' Circuit Low (MIN)
DTC P0123	Throttle/Pedal Position Sensor/Switch 'A' Circuit High (MAX)
DTC P0128	Coolant Thermostat (Coolant Temperature Below Thermostat Regulating Temperature) (PLAUS)
DTC P0131	O2 Sensor Circuit Low Voltage (Bank 1 Sensor 1) (MIN)
DTC P0132	O2 Sensor Circuit High Voltage (Bank 1 Sensor 1) (MAX)
DTC P0133	O2 Sensor Circuit Slow Response (Bank 1 Sensor 1) (MAX)
DTC P0135	O2 Sensor Heater Circuit (Bank 1 Sensor 1) (MAX)
DTC P0135	O2 Sensor Heater Circuit (Bank 1 Sensor 1) (MIN)
DTC P0137	O2 Sensor Circuit Low Voltage (Bank 1 Sensor 2) (MIN)
DTC P0138	O2 Sensor Circuit High Voltage (Bank 1 Sensor 2) (MAX)
DTC P0139	O2 Sensor Circuit Slow Response (Bank 1 Sensor 2) (PLAUS)
DTC P0140	O2 Sensor Circuit No Activity Detected (Bank 1 Sensor 2) (SIG)
DTC P0141	O2 Sensor Heater Circuit (Bank 1 Sensor 2) (MAX)
DTC P0151	O2 Sensor Circuit Low Voltage (Bank 2 Sensor 1) (MIN)
DTC P0152	O2 Sensor Circuit High Voltage (Bank 2 Sensor 1) (MAX)
DTC P0153	O2 Sensor Circuit Slow Response (Bank 2 Sensor 1) (MAX)
DTC P0155	O2 Sensor Heater Circuit (Bank 2 Sensor 1) (MAX)
DTC P0155	O2 Sensor Heater Circuit (Bank 2 Sensor 1) (MIN)
DTC P0157	O2 Sensor Circuit Low Voltage (Bank 2 Sensor 2) (MIN)
DTC P0158	O2 Sensor Circuit High Voltage (Bank 2 Sensor 2) (MAX)
DTC P0159	O2 Sensor Circuit Slow Response (Bank 2 Sensor 2) (PLAUS)
DTC P0160	O2 Sensor Circuit No Activity Detected (Bank 2 Sensor 2) (SIG)
DTC P0161	O2 Sensor Heater Circuit (Bank 2 Sensor 2) (MAX)
DTC P0171	System Too Lean (Bank 1) (MAX)
DTC P0172	System Too Rich (Bank 1) (MIN)
DTC P0174	System Too Lean (Bank 2) (MAX)
DTC P0175	System Too Rich (Bank 2) (MIN)
DTC P0201	Injector Circuit/Open - Cylinder 1 (SIG)
DTC P0202	Injector Circuit/Open - Cylinder 2 (SIG)
DTC P0203	Injector Circuit/Open - Cylinder 3 (SIG)
DTC P0204	Injector Circuit/Open - Cylinder 4 (SIG)
DTC P0205	Injector Circuit/Open - Cylinder 5 (SIG)
DTC P0206	Injector Circuit/Open - Cylinder 6 (SIG)
DTC P0221	Throttle/Pedal Position Sensor/Switch 'B' Circuit Range/Performance (PLAUS)
DTC P0222	Throttle/Pedal Position Sensor/Switch 'B' Circuit Low (MIN)
DTC P0223	Throttle/Pedal Position Sensor/Switch 'B' Circuit High (MAX)
DTC P0261	Cylinder 1 Injector Circuit Low (MIN)
DTC P0262	Cylinder 1 Injector Circuit High (MAX)
DTC P0264	Cylinder 2 Injector Circuit Low (MIN)

DTC P0265	Cylinder 2 Injector Circuit High (MAX)
DTC P0267	Cylinder 3 Injector Circuit Low (MIN)
DTC P0268	Cylinder 3 Injector Circuit High (MAX)
DTC P0270	Cylinder 4 Injector Circuit Low (MIN)
DTC P0271	Cylinder 4 Injector Circuit High (MAX)
DTC P0273	Cylinder 5 Injector Circuit Low (MIN)
DTC P0274	Cylinder 5 Injector Circuit High (MAX)
DTC P0276	Cylinder 6 Injector Circuit Low (MIN)
DTC P0277	Cylinder 6 Injector Circuit High (MAX)
DTC P0300	Random/Multiple Cylinder Misfire Detected (MAX)
DTC P0300	Random/Multiple Cylinder Misfire Detected (MIN)
DTC P0300	Random/Multiple Cylinder Misfire Detected (PLAUS)
DTC P0300	Random/Multiple Cylinder Misfire Detected (SIG)
DTC P0301	Cylinder 1 Misfire Detected (MAX)
DTC P0301	Cylinder 1 Misfire Detected (MIN)
DTC P0301	Cylinder 1 Misfire Detected (SIG)
DTC P0302	Cylinder 2 Misfire Detected (MAX)
DTC P0302	Cylinder 2 Misfire Detected (MIN)
DTC P0302	Cylinder 2 Misfire Detected (SIG)
DTC P0303	Cylinder 3 Misfire Detected (MAX)
DTC P0303	Cylinder 3 Misfire Detected (MIN)
DTC P0303	Cylinder 3 Misfire Detected (SIG)
DTC P0304	Cylinder 4 Misfire Detected (MAX)
DTC P0304	Cylinder 4 Misfire Detected (MIN)
DTC P0304	Cylinder 4 Misfire Detected (SIG)
DTC P0305	Cylinder 5 Misfire Detected (MAX)
DTC P0305	Cylinder 5 Misfire Detected (MIN)
DTC P0305	Cylinder 5 Misfire Detected (SIG)
DTC P0306	Cylinder 6 Misfire Detected (MAX)
DTC P0306	Cylinder 6 Misfire Detected (MIN)
DTC P0306	Cylinder 6 Misfire Detected (SIG)
DTC P0313	Misfire Detected With Low Fuel (MIN)
DTC P0326	Knock Sensor 1 Circuit Range/Performance (Bank 1 or Single Sensor) (PLAUS)
DTC P0327	Knock Sensor 1 Circuit Low (Bank 1 or Single Sensor) (MIN)
DTC P0328	Knock Sensor 1 Circuit High (Bank 1 or Single Sensor) (MAX)
DTC P0335	Crankshaft Position Sensor 'A' Circuit (MAX)
DTC P0335	Crankshaft Position Sensor 'A' Circuit (MIN)
DTC P0340	Camshaft Position Sensor 'A' Circuit (Bank 1 or Single Sensor) (MAX)
DTC P0341	Camshaft Position Sensor 'A' Circuit Range/Performance (Bank 1 or Single Sensor) (MAX)
DTC P0344	Camshaft Position Sensor 'A' Circuit Intermittent (Bank 1 or Single Sensor)

	(MAX)
DTC P0351	Ignition Coil 'A' Primary/Secondary Circuit (MAX)
DTC P0352	Ignition Coil 'B' Primary/Secondary Circuit (MAX)
DTC P0353	Ignition Coil 'C' Primary/Secondary Circuit (MAX)
DTC P0354	Ignition Coil 'D' Primary/Secondary Circuit (MAX)
DTC P0355	Ignition Coil 'E' Primary/Secondary Circuit (MAX)
DTC P0356	Ignition Coil 'F' Primary/Secondary Circuit (MAX)
DTC P0365	Camshaft Position Sensor 'B' Circuit (Bank 1) (MAX)
DTC P0366	Camshaft Position Sensor 'B' Circuit Range/Performance (Bank 1) (MAX)
DTC P0369	Camshaft Position Sensor 'B' Circuit Intermittent (Bank 1) (MAX)
DTC P0370	Timing Reference High Resolution Signal 'A' (MAX)
DTC P0370	Timing Reference High Resolution Signal 'A' (MAX)
DTC P0370	Timing Reference High Resolution Signal 'A' (MIN)
DTC P0373	Timing Reference High Resolution Signal 'A' Intermittent/Erratic Pulses (MAX)
DTC P0420	Catalyst System Efficiency Below Threshold (Bank 1) (MAX)
DTC P0420	Catalyst System Efficiency Below Threshold (Bank 1) (MIN)
DTC P0430	Catalyst System Efficiency Below Threshold (Bank 2) (MAX)
DTC P0430	Catalyst System Efficiency Below Threshold (Bank 2) (MIN)
DTC P0440	Evaporative Emission System (PLAUS)
DTC P0441	Evaporative Emission System Incorrect Purge Flow (SIG)
DTC P0442	Evaporative Emission System Leak Detected (Small Leak) (MAX)
DTC P0444	Evaporative Emission System Purge Control Valve Circuit Open (SIG)
DTC P0456	Evaporative Emission System Leak Detected (Very Small Leak) (MIN)
DTC P0458	Evaporative Emission System Purge Control Valve Circuit Low (MIN)
DTC P0459	Evaporative Emission System Purge Control Valve Circuit High (MAX)
DTC P0461	Fuel Level Sensor 'A' Circuit Range/Performance (PLAUS)
DTC P0462	Fuel Level Sensor 'A' Circuit Low (MIN)
DTC P0463	Fuel Level Sensor 'A' Circuit High (MAX)
DTC P0475	Exhaust Pressure Control Valve (SIG)
DTC P0477	Exhaust Pressure Control Valve Low (MIN)
DTC P0478	Exhaust Pressure Control Valve High (MAX)
DTC P0480	Fan 1 Control Circuit (SIG)
DTC P0491	Secondary Air Injection System Insufficient Flow (Bank 1) (MAX)
DTC P0492	Secondary Air Injection System Insufficient Flow (Bank 2) (MIN)
DTC P0500	Vehicle Speed Sensor 'A' (SIG)
DTC P0503	Vehicle Speed Sensor 'A' Intermittent/Erratic/High (PLAUS)
DTC P0506	Idle Air Control System RPM Lower Than Expected (MIN)
DTC P0507	Idle Air Control System RPM Higher Than Expected (MAX)
DTC P0512	Starter Request Circuit (MAX)
DTC P0512	Starter Request Circuit (MIN)
DTC P0512	Starter Request Circuit (SIG)

	Engine Oil Pressure Sensor/Switch Circuit (SIG)
DTC P0521	Engine Oil Pressure Sensor/Switch Range/ Performance (PLAUS)
DTC P0522	Engine Oil Pressure Sensor/Switch Low (MIN)
DTC P0523	Engine Oil Pressure Sensor/Switch High (MAX)
DTC P0524	Engine Oil Pressure Too Low (MIN)
DTC P0571	Brake Switch 'A' Circuit (PLAUS)
DTC P0597	Thermostat Heater Control Circuit/Open (SIG)
DTC P0598	Thermostat Heater Control Circuit Low (MIN)
DTC P0599	Thermostat Heater Control Circuit High (MAX)
DTC P0604	Internal Control Module Random Access Memory (RAM) Error (MAX)
DTC P0604	Internal Control Module Random Access Memory (RAM) Error (MIN)
DTC P0604	Internal Control Module Random Access Memory (RAM) Error (MIN)
DTC P0605	Internal Control Module Read Only Memory (ROM) Error (MAX)
DTC P0606	ECM/PCM Processor (SIG)
DTC P060C	Internal Control Module Main Processor Performance (PLAUS)
DTC P0620	Generator Control Circuit (MAX)
DTC P0620	Generator Control Circuit (SIG)
DTC P062F	Internal Control Module EEPROM Error (PLAUS)
DTC P062F	Internal Control Module EEPROM Error (SIG)
DTC P062F	Internal Control Module EEPROM Error (SIG)
DTC P0645	A/C Clutch Relay Control Circuit (SIG)
DTC P0646	A/C Clutch Relay Control Circuit Low (MIN)
DTC P0647	A/C Clutch Relay Control Circuit High (MAX)
DTC P0668	PCM/ECM/TCM Internal Temperature Sensor Circuit Low (MIN)
DTC P0669	PCM/ECM/TCM Internal Temperature Sensor Circuit High (MAX)
DTC P0686	ECM/PCM Power Relay Control Circuit Low (MIN)
DTC P0687	ECM/PCM Power Relay Control Circuit High (MAX)
DTC P0691	Fan 1 Control Circuit Low (MIN)
DTC P0692	Fan 1 Control Circuit High (MAX)
DTC P0703	Brake Switch 'B' Circuit (PLAUS)
DTC P0831	Clutch Pedal Switch 'A' Circuit Low (MIN)
DTC P0832	Clutch Pedal Switch 'A' Circuit High (MAX)
DTC P0A14	Engine Mount 'A' Control Circuit/Open (MAX)
DTC P0A14	Engine Mount 'A' Control Circuit/Open (MIN)
DTC P0A14	Engine Mount 'A' Control Circuit/Open (SIG)
DTC P0A14	Engine Mount 'A' Control Circuit/Open (SIG)
DTC P0A15	Engine Mount 'A' Control Circuit Low (MIN)
DTC P0A16	Engine Mount 'A' Control Circuit High (MAX)
DTC P0A3B	Generator Over Temperature (MAX)
DTC P0A3B	Generator Over Temperature (MAX)
DTC P1004	VVT-Guiding Sensor Solenoid Loss (Bank 1) (MAX)

	VVT-Guiding Sensor Parity Error (Bank 1) (SIG)
DTC P1012	VVT-Reference Sensor Solenoid Loss (Bank 1) (MAX)
DTC P1014	VVT-Reference Sensor Parity Error (Bank 1) (SIG)
DTC P1017	VVT-Sensors Plausibility (Bank 1) (PLAUS)
DTC P1017	VVT-Sensors Plausibility (Bank 1) (PLAUS)
DTC P1019	VVT-Supply Voltage Sensors High Input (Bank 1) (MAX)
DTC P101A	VVT-Self-Learning Function, Stops Not Learned (MAX)
DTC P101A	VVT-Self-Learning Function, Stops Not Learned (MIN)
DTC P101A	VVT-Self-Learning Function, Stops Not Learned (SIG)
DTC P1020	VVT-Supply Voltage Sensors Low Input (Bank 1) (MIN)
DTC P1023	VVT-Self-Learning Function Faulty Adjustment Range (Bank 1) (MAX)
DTC P1024	VVT-Self-Learning Function Faulty Lower Learning Range (Bank 1) (MIN)
DTC P102B	VVT-Guiding Sensor Diagnostic Error (Bank 1) (MIN)
DTC P102C	VVT-Reference Sensor Diagnostic Error (Bank 1) (MIN)
DTC P1030	VVT-Actuator Monitoring Position Control, Control Deviation (Bank 1) (PLAUS)
DTC P1030	VVT-Actuator Monitoring Position Control, Control Deviation (Bank 1) (SIG)
DTC P103A	VVT-System Current Too High (MAX)
DTC P1041	Internal VVT-Control Module EEPROM Error (Bank 1) (PLAUS)
DTC P1047	VVT-Control Circuit High Input (Bank 1) (MAX)
DTC P1048	VVT-Control Circuit Low Input (Bank 1) (MIN)
DTC P1049	VVT-Control Circuit Engine Cables Short Circuit (Bank 1) (SIG)
DTC P1055	VVT-Supply Voltage Control Motor High Input (Bank 1) (MAX)
DTC P1056	VVT-Supply Voltage Control Motor Low Input (Bank 1) (MIN)
DTC P1057	VVT-Supply Voltage Control Motor Electrical (Bank 1) (PLAUS)
DTC P105A	Internal Control Module VVT Error, Current Too High (MAX)
DTC P105B	Internal Control Module VVT Error, VoltageToo Low (MIN)
DTC P1062	VVT-Limp Home Request Full Stroke Position Not Reached (Bank 1) (SIG)
DTC P1064	VVT-Value Comparison Starting Position/Parking Position Plausibility (Bank 1) (MAX)
DTC P1075	VVT-Overload Protection (Bank 1) (MAX)
DTC P1076	VVT-Overload Protection ECU-Temperature High Input (Bank 1) (SIG)
DTC P1078	VVT-Overload Protection Control Motor Current High Input (Bank 1) (MIN)
DTC P107A	VVT-Overload Protection Control Motor Current Too High (MAX)
DTC P107B	VVT-Overload Protection Control Motor Temperature Too High (MIN)
DTC P107C	VVT-Overload Protection Temperature Too High (MIN)
DTC P107C	VVT-Overload Protection Temperature Too High (SIG)
DTC P1104	Differential Pressure Sensor Intake Manifold Pressure Too Low (Bank 1) (MIN)
DTC P1105	Differential Pressure Sensor Intake Manifold Pressure Too High (Bank 1) (MAX)
DTC P110D	Throttle Position Sensor A and B Range/Performance (PLAUS)
DTC P111E	Intake Air Temperature Sensor 1 Maximum Temperature Implausible (Bank 1)

	(MAX)
DTC P111F	Intake Air Temperature Sensor 1 Minimum Temperature Implausible (Bank 1) (MIN)
DTC P1124	Differential Pressure Sensor Intake Manifold Offset (Bank 1) (PLAUS)
DTC P112C	O2 Sensor Negative Current or Positive Current Control Circuit/Open (Bank 1 Sensor 1) (MIN)
DTC P112C	O2 Sensor Negative Current or Positive Current Control Circuit/Open (Bank 1 Sensor 1) (SIG)
DTC P112D	O2 Sensor Negative Current or Positive Current Control Circuit/Open (Bank 2 Sensor 1) (MIN)
DTC P112D	O2 Sensor Negative Current or Positive Current Control Circuit/Open (Bank 2 Sensor 1) (SIG)
DTC P1130	O2 Sensor Circuit Dynamic Test (Bank 1 Sensor 2) (PLAUS)
DTC P1131	O2 Sensor Circuit Dynamic Test (Bank 2 Sensor 2) (PLAUS)
DTC P114A	Post Catalyst Fuel Trim Via Oxygen Sensor System Too Rich (Bank 1) (MAX)
DTC P114B	Post Catalyst Fuel Trim Via Oxygen Sensor System Too Lean (Bank 1) (MIN)
DTC P114C	Post Catalyst Fuel Trim Via Oxygen Sensor System Too Rich (Bank 2) (MAX)
DTC P114D	Post Catalyst Fuel Trim Via Oxygen Sensor System Too Lean (Bank 2) (MIN)
DTC P114F	Air Mass Flow Sensor Defective (MIN)
DTC P115A	Mass or Volume Air Flow 'A' Maximum Exceeded (MAX)
DTC P116C	Air Mass Flow Sensor Signal Range (MAX)
DTC P116D	Air Mass Flow Sensor Signal Gradient Error (MIN)
DTC P116E	Air Mass Flow Sensor Signal Electrical (SIG)
DTC P1197	Differential Pressure Sensor Intake Manifold High Input (Bank 1) (MAX)
DTC P1198	Differential Pressure Sensor Intake Manifold Low Input (Bank 1) (MIN)
DTC P1214	Fuel Pump Speed Too High (MAX)
DTC P1215	Fuel Pump Speed Too Low (MIN)
DTC P1216	Fuel Pump Emergency Operation (SIG)
DTC P1217	Fuel Pump Overtemperature Condition (PLAUS)
DTC P1230	Fuel Pump Relay Primary Circuit (SIG)
DTC P1234	Fuel Pump Relay Primary Circuit Low (MIN)
DTC P1236	Fuel Pump Relay Primary Circuit High (MAX)
DTC P1244	Fuel Pump Emergency Cut-Off (SIG)
DTC P1300	Camshaft Position Sensor 'A' Segment Timing Error (Bank 1) (MAX)
DTC P1301	Ignition Monitoring Cylinder 1 Spark Duration Too Short (MIN)
DTC P1302	Ignition Monitoring Cylinder 2 Spark Duration Too Short (MIN)
DTC P1303	Ignition Monitoring Cylinder 3 Spark Duration Too Short (MIN)
DTC P1304	Ignition Monitoring Cylinder 4 Spark Duration Too Short (MIN)
DTC P1305	Ignition Monitoring Cylinder 5 Spark Duration Too Short (MIN)
DTC P1306	Ignition Monitoring Cylinder 6 Spark Duration Too Short (MIN)
DTC P130A	Camshaft Position Sensor 'B' Segment Timing Error (Bank 1) (MAX)

DTC P1327	Knock Sensor 2 Circuit Low Input (Bank 1) (MIN)
DTC P1328	Knock Sensor 2 Circuit High Input (Bank 1) (MAX)
DTC P135B	Knock Sensor 2 Circuit Range/Performance (Bank 1) (PLAUS)
DTC P1383	Ignition Monitoring Malfunction (SIG)
DTC P1396	Crankshaft Position Sensor Segment Timing Plausibility (MIN)
DTC P1407	Fuel Level Signal 1 (PLAUS)
DTC P1408	Fuel Level Signal 2 (PLAUS)
DTC P140A	Secondary Air Injection System Insufficient Total Flow (Bank 1 and Bank 2) (SIG)
DTC P140E	Cylinder Injection Cut-Off, Fuel Level Too Low (PLAUS)
DTC P1413	Secondary Air Injection Pump Relay Control Sircuit Signal Low (MIN)
DTC P1414	Secondary Air Injection Pump Relay Control Circuit Signal High (MAX)
DTC P1415	Mass or Volume Air Flow Too Low (MIN)
DTC P1417	Throttle Control Incorrect Air Supply (SIG)
DTC P1424	Mass or Volume Air Flow Too High (MAX)
DTC P1434	Diagnostic Module Tank Leakage (DM-TL) (SIG)
DTC P143B	Direct Ozone Reduction Catalyst Temperature Sensor Wrong Code (PLAUS)
DTC P143C	Direct Ozone Reduction Catalyst Temperature/Radiator Coolant Temperature Correlation (SIG)
DTC P143E	Direct Ozone Reduction Catalyst Temperature Sensor Gradient Too Low (PLAUS)
DTC P1447	Diagnostic Module Tank Leakage (DM-TL) Pump Current Too High during Switching Solenoid Test (PLAUS)
DTC P1448	Diagnostic Module Tank Leakage (DM-TL) Pump Current Too Low (MIN)
DTC P1449	Diagnostic Module Tank Leakage (DM-TL) Pump Current Too High (MAX)
DTC P1453	Secondary Air Injection Pump Relay Control Circuit Electrical (SIG)
DTC P14C0	Fan Mechanical or Hardware Defect (PLAUS)
DTC P14C1	Radiator Shutter Mechanical or Hardware Defect (PLAUS)
DTC P14C2	DISA (Differentiated Intake Manifold) Actuator 1 Mechanical or Hardware Defect (PLAUS)
DTC P14C3	DISA (Differentiated Intake Manifold) Actuator 2 Mechanical or Hardware Defect (PLAUS)
DTC P14C4	Radiator Shutter (Upper) Mechanical (MIN)
DTC P14C5	Radiator Shutter (Upper) Hardware Defect (MAX)
DTC P14C6	Radiator Shutter (Lower) Electrical (MAX)
DTC P150A	Battery Sensor BSD (Bit Serial Data Interface) Extended Communication Circuit (MAX)
DTC P150B	Battery Sensor BSD (Bit Serial Data Interface) Communication Circuit (SIG)
DTC P150B	Battery Sensor BSD (Bit Serial Data Interface) Communication Circuit (SIG)
DTC P150C	Battery Sensor Firmware Implausible (PLAUS)
DTC P150D	Battery Sensor Temperature Error (MAX)
DTC P150E	Battery Sensor Voltage Error (SIG)

DTC P150F	Battery Sensor Current Error (PLAUS)
DTC P1511	DISA (Differentiated Intake Manifold) Control Circuit Electrical (MAX)
DTC P1511	DISA (Differentiated Intake Manifold) Control Circuit Electrical (MIN)
DTC P1511	DISA (Differentiated Intake Manifold) Control Circuit Electrical (SIG)
DTC P1511	DISA (Differentiated Intake Manifold) Control Circuit Electrical (SIG)
DTC P1512	DISA (Differentiated Intake Manifold) Control Circuit Signal Low (MIN)
DTC P1512	DISA (Differentiated Intake Manifold) Control Circuit Signal Low (MIN)
DTC P1513	DISA (Differentiated Intake Manifold) Control Circuit Signal High (MAX)
DTC P1513	DISA (Differentiated Intake Manifold) Control Circuit Signal High (MAX)
DTC P1515	Engine Off Timer Plausibility (PLAUS)
DTC P151A	Battery Sensor Terminal 15/30 Wakeup Circuit (MAX)
DTC P151B	Battery Sensor Wakeup Circuit (PLAUS)
DTC P151C	Battery Sensor System Error (SIG)
DTC P1521	Engine Oil Quality Sensor Communication Error (SIG)
DTC P1540	Driving Dynamics Control Switch High Input (MAX)
DTC P1541	Driving Dynamics Control Switch Low Input (MIN)
DTC P1551	Engine Off Timer Timeout (SIG)
DTC P1553	Engine Position System 'B' Performance (Bank 1) (MAX)
DTC P1554	Engine Position System 'A' Performance (Bank 1) (MAX)
DTC P155A	Multifunction Steering Wheel (MFL) Interface, Toggle-Bit Fault (MAX)
DTC P155A	Multifunction Steering Wheel (MFL) Interface, Toggle-Bit Fault (MIN)
DTC P155A	Multifunction Steering Wheel (MFL) Interface, Toggle-Bit Fault (PLAUS)
DTC P1561	Cold Start Idle Air Control System RPM Lower Than Expected (Bank 1) (MIN)
DTC P1562	Cold Start Idle Air Control System RPM Higher Than Expected (Bank 1) (MAX)
DTC P1563	Multifunction Steering Wheel (MFL) Rocker Switch Defective (PLAUS)
DTC P1576	Multifunction Steering Wheel (MFL) Interface, Bit Error (PLAUS)
DTC P1582	Oil Pump Circuit High (MAX)
DTC P1583	Oil Pump Circuit Low (MIN)
DTC P1584	Oil Pump Circuit Open (SIG)
DTC P1586	Engine Oil Quality Sensor Temperature Measurement (MAX)
DTC P1587	Engine Oil Quality Sensor Level Measurement (MIN)
DTC P1588	Engine Oil Quality Sensor Permeability Measurement (PLAUS)
DTC P15A1	Engine Oil Pressure Control, Mechanical, Solenoid Valve Sticking In Fully Energized Position (Minimum Oil Pressure) (MAX)
DTC P15A2	Engine Oil Pressure Control, Mechanical, Solenoid Valve Sticking In De-Energized Position (Maximum Oil Pressure) (MIN)
DTC P15A3	Engine Oil Pressure Too High (MAX)
DTC P15A6	Engine Oil Pressure Too High Before Start (MAX)
DTC P15A7	Engine Oil Pressure Too Low Before Start (MIN)
DTC P15B0	Terminal 15 Sense Circuit Input High (MAX)
DTC P15B1	Terminal 15 Sense Circuit Input Low (MIN)

DTC P15B2	Terminal 15 Sense Circuit CAS Error (SIG)
DTC P15B3	Terminal 15 Sense Circuit Range/Performance (PLAUS)
DTC P160A	Powermanagement Exhaustive Discharge (MIN)
DTC P160B	Powermanagement Defective (PLAUS)
DTC P160C	Powermanagement Overvoltage (MAX)
DTC P160D	Powermanagement Undervoltage (MIN)
DTC P160E	Powermanagement Operation Without Battery (SIG)
DTC P160F	Powermanagement No-Load Current Error (PLAUS)
DTC P1618	Control Module Self-Test, AD-Converter Monitoring (PLAUS)
DTC P1625	Pedal Position Sensor Potentiometer Supply Channel 2 Electrical (PLAUS)
DTC P1632	Throttle Valve Adaptation Conditions Not Met (Bank 1) (MAX)
DTC P1633	Throttle Valve Adaptation Limp-Home Position Unknown (Bank 1) (MIN)
DTC P1634	Throttle Valve Adaptation Spring Test Failed (Bank 1) (MAX)
DTC P1635	Throttle Valve Adaptation Lower Mechanical Stop Not Adapted (Bank 1) (MAX)
DTC P1636	Throttle Valve Control Circuit (Bank 1) (SIG)
DTC P1637	Throttle Valve Position Control, Control Deviation (Bank 1) (MAX)
DTC P1638	Throttle Valve Position Control Throttle Stuck Temporarily (Bank 1) (MAX)
DTC P1639	Throttle Valve Position Control Throttle Stuck Permanently (Bank 1) (MAX)
DTC P1644	Throttle Valve Adaptation Stop Relearning Lower Mechanical Stop (Bank 1) (PLAUS)
DTC P164C	Pedal Position Sensor Potentiometer Supply Channel 1 Electrical (PLAUS)
DTC P165A	EWS (Electronic Immobilizer) Interface to ECM, Hardware Error (MAX)
DTC P165B	EWS (Electronic Immobilizer) Interface to ECM, Checksum Error (PLAUS)
DTC P165C	EWS (Electronic Immobilizer) Data, No Available Storage Possibility (MAX)
DTC P165D	EWS (Electronic Immobilizer) Data, Faulty Release Code Storage (MIN)
DTC P165E	EWS (Electronic Immobilizer) Data, Checksum Error (PLAUS)
DTC P165F	Internal Control Module Measurement Error Oxygen Sensor Heating (Bank 1, Sensor 1) (SIG)
DTC P1660	EWS (Electronic Immobilizer) Telegram Error (MIN)
DTC P1661	Timeout EWS (Electronic Immobilizer) - Telegram (SIG)
DTC P1667	EWS (Electronic Immobilizer) Start Value Not Yet Programmed (MIN)
DTC P1667	EWS (Electronic Immobilizer) Start Value Not Yet Programmed (PLAUS)
DTC P1668	EWS (Electronic Immobilizer) Start Value Destroyed (SIG)
DTC P166A	Control Module Self-Test, LDM (Longitudinal Dynamics Management) Monitoring (SIG)
DTC P166B	LDM (Longitudinal Dynamics Management) Torque Request inspite of Brake Signal (MAX)
DTC P166C	LDM (Longitudinal Dynamics Management) Torque Request Implausible (PLAUS)
DTC P166F	Internal Control Module Measurement Error Oxygen Sensor Heating (Bank 2, Sensor 1) (SIG)

DTC P1675	Throttle Valve Actuator Start Test Re-Adaptation Required (MAX)
DTC P1694	Throttle Valve Actuator Start Test Spring Test and Limp-Home Position Failed (SIG)
DTC P169A	Throttle Valve Actuator Start Test Limp-Home Position Failed (MIN)
DTC P16A0	Internal Control Module Memory Check Sum Error in Boot Software (MAX)
DTC P16A1	Internal Control Module Memory Check Sum Error in Application Software (MIN)
DTC P16A2	Internal Control Module Memory Check Sum Error in Data (SIG)
DTC P16A3	Internal Control Module Non-Volatile Memory (NVMY) Error (MAX)
DTC P16A4	Timeout Control Module Knock Sensor SPI-Bus (SIG)
DTC P16A5	Timeout Control Module Multiple Output Stage SPI-Bus (SIG)
DTC P16A6	Control Module Self-Test, Cruise Control Monitoring (MAX)
DTC P16A7	Control Module Self-Test, Hot Film Air Mass Meter Monitoring (MAX)
DTC P16A8	Control Module Self-Test, Throttle Position Monitoring (MIN)
DTC P16A9	Control Module Self-Test, Speed Monitoring Reset (PLAUS)
DTC P16B0	Control Module Self-Test, Pedal Position Sensor Monitoring (PLAUS)
DTC P16B1	Control Module Self-Test, Idle Air Control System Integrated Component Plausibility (MAX)
DTC P16B2	Control Module Self-Test, Idle Air Control System PD-Component Plausibility (MIN)
DTC P16B3	Control Module Self-Test, MSR (Engine-Drag-Torque Control) Monitoring (MAX)
DTC P16B4	Control Module Self-Test, DCC (Dynamic Cruise Control) Monitoring (MIN)
DTC P16B5	Control Module Self-Test, AMT (Automatic Manual Transmission) Monitoring (SIG)
DTC P16B6	Control Module Self-Test, ETC Monitoring (PLAUS)
DTC P16B7	Control Module Self-Test, Clutch Torque Monitoring Maximum Value Plausibility (MAX)
DTC P16B8	Control Module Self-Test, Clutch Torque Monitoring Minimum Value Plausibility (MIN)
DTC P16B9	Control Module Self-Test, Torque Loss Monitoring (SIG)
DTC P16C0	Control Module Self-Test, Driving Dynamics Control Switch Monitoring (PLAUS)
DTC P16C1	Control Module Self-Test, Torque Monitoring Current Indicated Value Plausibility (PLAUS)
DTC P16C1	Control Module Self-Test, Torque Monitoring Current Indicated Value Plausibility (PLAUS)
DTC P16C2	Control Module Self-Test, Speed Limitation Monitoring (PLAUS)
DTC P16C5	Main Relay Switching Delay (MIN)
DTC P16C6	CAN Timeout BSD (Bit Serial Data Interface) (MAX)
DTC P16C6	CAN Timeout BSD (Bit Serial Data Interface) (MAX)
DTC P16C6	CAN Timeout BSD (Bit Serial Data Interface) (MAX)

DTC P16C6	CAN Timeout BSD (Bit Serial Data Interface) (MIN)
DTC P16C6	CAN Timeout BSD (Bit Serial Data Interface) (MIN)
DTC P16C6	CAN Timeout BSD (Bit Serial Data Interface) (PLAUS)
DTC P16C6	CAN Timeout BSD (Bit Serial Data Interface) (PLAUS)
DTC P16C6	CAN Timeout BSD (Bit Serial Data Interface) (SIG)
DTC P16C6	CAN Timeout BSD (Bit Serial Data Interface) (SIG)
DTC P16C6	CAN Timeout BSD (Bit Serial Data Interface) (SIG)
DTC P16C6	CAN Timeout BSD (Bit Serial Data Interface) (SIG)
DTC P16C8	Serial Communication Link EKP (Electrical Fuel Pump) (SIG)
DTC P2067	Fuel Level Sensor 'B' Circuit Low (MIN)
DTC P2068	Fuel Level Sensor 'B' Circuit High (MAX)
DTC P2088	'A' Camshaft Position Actuator Control Circuit Low (Bank 1) (MIN)
DTC P2089	'A' Camshaft Position Actuator Control Circuit High (Bank 1) (MAX)
DTC P2090	'B' Camshaft Position Actuator Control Circuit Low (Bank 1) (MIN)
DTC P2091	'B' Camshaft Position Actuator Control Circuit High (Bank 1) (MAX)
DTC P2096	Post Catalyst Fuel Trim System Too Lean (Bank 1) (MIN)
DTC P2097	Post Catalyst Fuel Trim System Too Rich (Bank 1) (MAX)
DTC P2098	Post Catalyst Fuel Trim System Too Lean (Bank 2) (MIN)
DTC P2099	Post Catalyst Fuel Trim System Too Rich (Bank 2) (MAX)
DTC P2120	Throttle/Pedal Position Sensor/Switch 'D' Circuit (PLAUS)
DTC P2122	Throttle/Pedal Position Sensor/Switch 'D' Circuit Low (MIN)
DTC P2123	Throttle/Pedal Position Sensor/Switch 'D' Circuit High (MAX)
DTC P2127	Throttle/Pedal Position Sensor/Switch 'E' Circuit Low (MIN)
DTC P2128	Throttle/Pedal Position Sensor/Switch 'E' Circuit High (MAX)
DTC P2138	Throttle/Pedal Position Sensor/Switch 'D'/'E' Voltage Correlation (PLAUS)
DTC P213F	Fuel Pump System Fault - Forced Engine Shutdown (SIG)
DTC P2183	Engine Coolant Temperature Sensor 2 Circuit Range/Performance (PLAUS)
DTC P2184	Engine Coolant Temperature Sensor 2 Circuit Low (MIN)
DTC P2185	Engine Coolant Temperature Sensor 2 Circuit High (MAX)
DTC P2195	O2 Sensor Signal Biased/Stuck Lean (Bank 1 Sensor 1) (MAX)
DTC P2196	O2 Sensor Signal Biased/Stuck Rich (Bank 1 Sensor 1) (MAX)
DTC P2197	O2 Sensor Signal Biased/Stuck Lean (Bank 2 Sensor 1) (MAX)
DTC P2198	O2 Sensor Signal Biased/Stuck Rich (Bank 2 Sensor 1) (MAX)
DTC P2228	Barometric Pressure Circuit Low (MIN)
DTC P2229	Barometric Pressure Circuit High (MAX)
DTC P2243	O2 Sensor Reference Voltage Circuit/Open (Bank 1 Sensor 1) (MAX)
DTC P2247	O2 Sensor Reference Voltage Circuit/Open (Bank 2 Sensor 1) (MAX)
DTC P2270	O2 Sensor Signal Biased/Stuck Lean (Bank 1 Sensor 2) (MIN)
DTC P2271	O2 Sensor Signal Biased/Stuck Rich (Bank 1 Sensor 2) (MAX)
DTC P2272	O2 Sensor Signal Biased/Stuck Lean (Bank 2 Sensor 2) (MIN)
DTC P2273	O2 Sensor Signal Biased/Stuck Rich (Bank 2 Sensor 2) (MAX)

	O2 Sensor Out of Range During Deceleration (Bank 1 Sensor 1) (MAX)
DTC P2298	O2 Sensor Out of Range During Deceleration (Bank 2 Sensor 1) (MAX)
DTC P2299	Brake Pedal Position/Accelerator Pedal Position Incompatible (PLAUS)
DTC P2400	Evaporative Emission System Leak Detection Pump Control Circuit/Open (SIG)
DTC P2401	Evaporative Emission System Leak Detection Pump Control Circuit Low (MIN)
DTC P2402	Evaporative Emission System Leak Detection Pump Control Circuit High (MAX)
DTC P240A	Evaporative Emission System Leak Detection Pump Heater Control Circuit/Open (SIG)
DTC P240B	Evaporative Emission System Leak Detection Pump Heater Control Circuit Low (MIN)
DTC P240C	Evaporative Emission System Leak Detection Pump Heater Control Circuit High (MAX)
DTC P2414	O2 Sensor Exhaust Sample Error (Bank 1 Sensor 1) (MAX)
DTC P2415	O2 Sensor Exhaust Sample Error (Bank 2 Sensor 1) (MAX)
DTC P2418	Evaporative Emission System Switching Valve Control Circuit/Open (SIG)
DTC P2419	Evaporative Emission System Switching Valve Control Circuit Low (MIN)
DTC P2420	Evaporative Emission System Switching Valve Control Circuit High (MAX)
DTC P250A	Engine Oil Level Sensor Circuit (SIG)
DTC P250B	Engine Oil Level Sensor Circuit Range/Performance (PLAUS)
DTC P250F	Engine Oil Level Too Low (MIN)
DTC P252A	Engine Oil Quality Sensor Circuit (MIN)
DTC P252A	Engine Oil Quality Sensor Circuit (PLAUS)
DTC P252A	Engine Oil Quality Sensor Circuit (SIG)
DTC P252A	Engine Oil Quality Sensor Circuit (SIG)
DTC P2568	Direct Ozone Reduction Catalyst Temperature Sensor Circuit Range/Performance (PLAUS)
DTC P2569	Direct Ozone Reduction Catalyst Temperature Sensor Circuit Low (MIN)
DTC P2570	Direct Ozone Reduction Catalyst Temperature Sensor Circuit High (MAX)
DTC P2626	O2 Sensor Pumping Current Trim Circuit/Open (Bank 1 Sensor 1) (PLAUS)
DTC P2629	O2 Sensor Pumping Current Trim Circuit/Open (Bank 2 Sensor 1) (PLAUS)
DTC P300A	Controlled Air Guiding Circuit High (MAX)
DTC P300B	Controlled Air Guiding Circuit Low (MIN)
DTC P300C	Controlled Air Guiding Circuit (SIG)
DTC P3022	O2 Sensor Disturbed SPI Communication To WRAF-IC (Bank 1 Sensor 1) (MIN)
DTC P3023	O2 Sensor Disturbed SPI Communication to WRAF-IC (Bank 2 Sensor 1) (MIN)
DTC P3024	O2 Sensor Initialization Error WRAF-IC (Bank 1 Sensor 1) (MAX)
DTC P3025	O2 Sensor Initialization Error WRAF-IC (Bank 2 Sensor 1) (MAX)
DTC P316A	Engine Coolant Temperature Signal Stuck High (PLAUS)
DTC P3196	Cold Start Radiator Coolant Temperature Sensor Signal High (MAX)
DTC P3197	Radiator Coolant Temperature Gradient Too High (PLAUS)

DTC P3198	Engine Coolant Temperature 1 Gradient Too High (PLAUS)
DTC P3199	Engine Coolant Temperature Signal Stuck (PLAUS)
DTC P3202	Powertrain CAN, CAN Chip Cut-Off (SIG)
DTC P3205	Local CAN, CAN Chip CutOff (SIG)
DTC P321E	Ambient Pressure Sensor Maximum Pressure Implausible (MAX)
DTC P321F	Ambient Pressure Sensor Minimum Pressure Implausible (MIN)
DTC P3223	Generator Mechanical (PLAUS)
DTC P3226	E-Box Control Circuit Fan High Input (MAX)
DTC P3227	E-Box Control Circuit Fan Low Input (MIN)
DTC P3228	E-Box Control Circuit Fan Open Circuit (SIG)
DTC P3235	Control Module Monitoring Version Coding Plausibility (PLAUS)
DTC P324A	Generator Type Implausible (MAX)
DTC P324A	Generator Type Implausible (MIN)
DTC P324C	Generator Over Temperature Calculated (MAX)
DTC P324C	Generator Over Temperature Calculated (MAX)
DTC P324E	Generator Regulator Type Implausible (MAX)
DTC P3255	Generator Voltage in Starting Phase above Threshold (MAX)
DTC P325A	Generator Electrical Error Calculated (MAX)
DTC U0101	Lost Communication With TCM (SIG)
DTC U0126	Lost Communication With Steering Angle Sensor Module (SIG)
DTC U0137	Lost Communication With Trailer Brake Control Module (SIG)
DTC U0155	Lost Communication With Instrument Panel Cluster (IPC) Control Module (SIG)
DTC U0167	Lost Communication With Vehicle Immobilizer Control Module (SIG)
DTC U1100	Lost Communication With ASC/DSC (SIG)
DTC U1100	Lost Communication With ASC/DSC (SIG)
DTC U1100	Lost Communication With ASC/DSC (SIG)
DTC U1101	Lost Communication With Ambient Temperatur/Relative Time (SIG)
DTC U1102	Message Monitoring Actuation Cruise Control/ACC Alive Check (MIN)
DTC U1103	Lost Communication With Actuation Cruise Control/ACC (SIG)
DTC U1104	Message Monitoring Actuation Cruise Control/ACC Check Sum Error (PLAUS)
DTC U1105	Message Monitoring Torque Request ACC Alive Check (MIN)
DTC U1106	Lost Communication With Torque Request ACC (SIG)
DTC U1107	Message Monitoring Torque Request ACC Check Sum Error (PLAUS)
DTC U1108	Message Monitoring Torque Request Steering Alive Check (MIN)
DTC U1108	Message Monitoring Torque Request Steering Alive Check (MIN)
DTC U1109	Lost Communication With Torque Request Steering (SIG)
DTC U1109	Lost Communication With Torque Request Steering (SIG)
DTC U110A	Message Monitoring Torque Request Steering Check Sum Error (PLAUS)
DTC U110A	Message Monitoring Torque Request Steering Check Sum Error (PLAUS)
DTC U110B	Message Monitoring Torque Request DSC Alive Check (MIN)
DTC U110C	Lost Communication With Torque Request DSC (SIG)

	Message Monitoring Torque Request DSC Check Sum Error (PLAUS)
DTC U110E	Message Monitoring Torque Request ETC Alive Check (MIN)
DTC U110E	Message Monitoring Torque Request ETC Alive Check (MIN)
DTC U110F	Lost Communication With Torque Request ETC (SIG)
DTC U110F	Lost Communication With Torque Request ETC (SIG)
DTC U1110	Message Monitoring Torque Request ETC Check Sum Error (MIN)
DTC U1110	Message Monitoring Torque Request ETC Check Sum Error (MIN)
DTC U1110	Message Monitoring Torque Request ETC Check Sum Error (PLAUS)
DTC U1110	Message Monitoring Torque Request ETC Check Sum Error (PLAUS)
DTC U1110	Message Monitoring Torque Request ETC Check Sum Error (PLAUS)
DTC U1110	Message Monitoring Torque Request ETC Check Sum Error (PLAUS)
DTC U1110	Message Monitoring Torque Request ETC Check Sum Error (SIG)
DTC U1110	Message Monitoring Torque Request ETC Check Sum Error (SIG)
DTC U1110	Message Monitoring Torque Request ETC Check Sum Error (SIG)
DTC U1114	Message Monitoring Vehicle Mode Status Alive Check (MIN)
DTC U1115	Lost Communication With Vehicle Mode Status (SIG)
DTC U1116	Message Monitoring Vehicle Mode Status Check Sum Error (PLAUS)
DTC U1118	Lost Communication With Speed (SIG)
DTC U111A	Lost Communication With Transmission Data (SIG)
DTC U111B	Lost Communication With Transmission Data2 (SIG)
DTC U111C	Lost Communication With Mileage/Range (SIG)
DTC U111D	Message Monitoring Terminal Status Alive Check (MIN)
DTC U111E	Lost Communication With Terminal Status (SIG)
DTC U111F	Message Monitoring Terminal Status Check Sum Error (PLAUS)
DTC U1120	Lost Communication With Steering Wheel Angle (SIG)
DTC U1121	Lost Communication With Power Management Battery Voltage (SIG)
DTC U1122	Lost Communication With Power Management Charge Voltage (SIG)
DTC U1123	Message Monitoring ARS-Module Status Alive Check (MIN)
DTC U1124	Lost Communication With ARS-Module Status (SIG)
DTC U1126	Lost Communication With DSC Status (SIG)
DTC U1128	Lost Communication With EKP (Electrical Fuel Pump) Status (SIG)
DTC U1129	Lost Communication With Reverse Status (SIG)
DTC U112A	Message Monitoring Instrument Pack Status Alive Check (MIN)
DTC U112B	Lost Communication With Instrument Pack Status (SIG)
DTC U112B	Lost Communication With Instrument Pack Status (SIG)
DTC U112B	Lost Communication With Instrument Pack Status (SIG)
DTC U112C	Lost Communication With Heat Flow/Load Moment A/C (SIG)
DTC U112D	Lost Communication With Control Crash Cut-Off EKP (Electrical Fuel Pump) (SIG)
DTC U1130	Lost Communication With Radiator Shutter (Upper) (PLAUS)
DTC U1132	Lost Communication With Generator via BSD (Bit Serial Data Interface) (MAX)

DTC U1132	Lost Communication With Generator via BSD (Bit Serial Data Interface) (SIG)
DTC U1134	Lost Communication With Lamp Status (SIG)
DTC U1135	Lost Communication With Status Water Valve (SIG)
DTC U113A	Lost Communication With Central Locking System Status (SIG)
DTC U113C	Lost Communication With Time/Date (SIG)
DTC U113D	Lost Communication With Wheel Torque Management Request/Driveline (SIG)
DTC U113E	Lost Communication With Display Transmission Data (SIG)
DTC U1154	Lost Communication With Message 2 TCM (SIG)
DTC U1155	Message Monitoring 2 TCM Check Sum Error (PLAUS)
DTC U1156	Message Monitoring 2 TCM Alive Check (MIN)
DTC U1160	Lost Communication With Message 2 TCM (SIG)
DTC U1161	Message Monitoring 3 TCM Alive Check (MIN)
DTC U1162	Message Monitoring 3 TCM Check Sum Error (PLAUS)
DTC U1166	Message Monitoring EWS (Electronic Immobilizer) - Frame Error (MIN)
DTC U1167	Message Monitoring Direct Ozone Reduction Catalyst Temperature Sensor Frame Error (SIG)
DTC U1168	Message Monitoring Direct Ozone Reduction Catalyst Temperature Sensor Check Sum Error (PLAUS)