



BMW MANUFACTURER-SPECIFIC TROUBLE CODES



Compiled by ***OBDCodeX***



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Codes	Definition
BMW P1001	Valvetronic (VVT) Limp Home Request High Input
BMW P1002	Valvetronic (VVT) Limp Home Request Low Input
BMW P1003	Valvetronic (VVT) Limp Home Request Open Circuit
BMW P1004	Valvetronic (VVT) Guiding Sensor Solenoid Loss (Bank 1)
BMW P1005	Valvetronic (VVT) Guiding Sensor Reset Error (Bank 1)
BMW P1006	Valvetronic (VVT) Guiding Sensor Parity Error (Bank 1)
BMW P1007	Valvetronic (VVT) Guiding Sensor Gradient Error (Bank 1)
BMW P1008	Valvetronic (VVT) Guiding Sensor Solenoid Loss (Bank 2)
BMW P1009	Valvetronic (VVT) Guiding Sensor Reset Error (Bank 2)
BMW P1010	Valvetronic (VVT) Guiding Sensor Parity Error (Bank 2)
BMW P1011	Valvetronic (VVT) Guiding Sensor Gradient Error (Bank 2)
BMW P1012	Valvetronic (VVT) Reference Sensor Solenoid Loss (Bank 1)
BMW P1013	Valvetronic (VVT) Reference Sensor Reset Error (Bank 1)
BMW P1014	Valvetronic (VVT) Reference Sensor Parity Error (Bank 1)
BMW P1015	Valvetronic (VVT) Reference Sensor Gradient Error (Bank 1)
BMW P1022	Valvetronic (VVT), Eccentric Shaft Sensor 2 Circuit Low Input
BMW P1023	Valvetronic (VVT) Self-Learning Function Faulty Adjustment Range (Bank 1)
BMW P1024	Valvetronic (VVT) Self-Learning Function Faulty Lower Learning Range (Bank 1)
BMW P1025	Valvetronic (VVT) Self-Learning Function No Positions Stored (Bank 1)
BMW P1026	Valvetronic (VVT) Self-Learning Function Faulty Adjustment Range (Bank 2)
BMW P1027	Valvetronic (VVT) Self-Learning Function Faulty Lower Learning Range (Bank 2)
BMW P1028	Valvetronic (VVT) Self-Learning Function No Positions Stored (Bank 2)
BMW P1030	Valvetronic (VVT) Actuator Monitoring Position Control, Control Deviation (Bank 1)
BMW P1031	Valvetronic (VVT) Actuator Monitoring Recognition of Direction of Rotation Plausibility (Bank 1)
BMW P1033	Valvetronic (VVT) Actuator Monitoring Position Control, Control Deviation (Bank 2)
BMW P1034	Valvetronic (VVT) Actuator Monitoring Recognition of Direction of Rotation Plausibility (Bank 1)
BMW P1035	Valvetronic (VVT) CAN Message Monitoring Faulty Desired Message (Bank 1)
BMW P1036	Valvetronic (VVT) CAN Timeout VVT-Desired Message (Bank 1)
BMW P1037	Valvetronic (VVT) CAN Timeout Message (Bank 1)
BMW P1038	Valvetronic (VVT) CAN Message Monitoring Faulty Desired Message (Bank 2)
BMW P1039	Valvetronic (VVT) CAN Timeout VVT-Desired Message (Bank 2)
BMW P1040	Valvetronic (VVT) CAN Timeout Message (Bank 2)
BMW P1041	Valvetronic (VVT) Actuator Control Module EEPROM Error (Bank 1)
BMW P1042	Valvetronic (VVT) Actuator Control Module Random Access Memory Error (Bank 1)

Codes	Definition
BMW P1043	Valvetronic (VVT) Actuator Control Module Read Only Memory Error (Bank 1)
BMW P1044	Valvetronic (VVT) Actuator Control Module EEPROM Error (Bank 2)
BMW P1045	Valvetronic (VVT) Actuator Control Module Random Access Memory Error (Bank 2)
BMW P1046	Valvetronic (VVT) Actuator Control Module Read Only Memory Error (Bank 2)
BMW P1047	Valvetronic (VVT) Actuator Control Circuit High Input (Bank 1)
BMW P1048	Valvetronic (VVT) Actuator Control Circuit Low Input (Bank 1)
BMW P1050	Valvetronic (VVT) Control Circuit (Bank 1)
BMW P1051	Valvetronic (VVT) Control Circuit High Input (Bank 1)
BMW P1052	Valvetronic (VVT) Control Circuit Low Input (Bank 1)
BMW P1054	Valvetronic (VVT) Control Circuit (Bank 2)
BMW P1055	Valvetronic (VVT) Supply Voltage Control Motor High Input (Bank 1)
BMW P1056	Valvetronic (VVT) Supply Voltage Control Motor Low Input (Bank 1)
BMW P1057	Valvetronic (VVT) Supply Voltage Control Motor Electrical (Bank 1)
BMW P1058	Valvetronic (VVT) Supply Voltage Control Motor High Input (Bank 2)
BMW P1059	Valvetronic (VVT) Supply Voltage Control Motor Low Input (Bank 2)
BMW P1060	Valvetronic (VVT) Supply Voltage Control Motor Electrical (Bank 2)
BMW P1061	Valvetronic (VVT) Limp Home Request RPM and Charge Limitation (Bank 1)
BMW P1062	Valvetronic (VVT) Limp Home Request Full Stroke Position Not Reached (Bank 1)
BMW P1063	Valvetronic (VVT) Limp Home Request Air Mass Plausibility (Bank 1)
BMW P1064	Valvetronic (VVT) Value Comparison Starting Position/Parking Position Plausibility (Bank 1)
BMW P1065	Valvetronic (VVT) CAN Timeout No Signal
BMW P1066	Valvetronic (VVT) CAN Message Monitoring Faulty Actual Message
BMW P1067	Valvetronic (VVT) Reference Sensor Solenoid Loss (Bank 2)
BMW P1068	Valvetronic (VVT) Reference Sensor Reset Error (Bank 2)
BMW P1069	Valvetronic (VVT) Reference Sensor Parity Error (Bank 2)
BMW P1070	Valvetronic (VVT) Reference Sensor Gradient Error (Bank 2)
BMW P1071	Valvetronic (VVT) Control Module Watchdog or Temperature Sensor Error (Bank 1)
BMW P1072	Valvetronic (VVT) Control Module Watchdog or Temperature Sensor Error (Bank 2)
BMW P1075	Valvetronic (VVT) Overload Protection (Bank 1)
BMW P1076	Valvetronic (VVT) Overload Protection ECU Temperature High Input (Bank 1)
BMW P1077	Valvetronic (VVT) Overload Protection Control Motor Temperature High Input (Bank 1)
BMW P1078	Valvetronic (VVT) Overload Protection Control Motor Current High Input (Bank 1)
BMW P1079	Valvetronic (VVT) Overload Protection (Bank 1)
BMW P1080	Valvetronic (VVT) Overload Protection ECU Temperature High Input (Bank 2)

Codes	Definition
BMW P1081	Valvetronic (VVT) Overload Protection Control Motor Temperature High Input (Bank 2)
BMW P1082	Valvetronic (VVT) Overload Protection Control Motor Current High Input (Bank 2)
BMW P1083	Fuel System Too Rich
BMW P1084	Fuel System Too Lean
BMW P1085	Fuel System Too Rich
BMW P1086	Fuel System Too Lean
BMW P1100	Mass Air Flow Circuit Conditions
BMW P1101	Mass Air Flow Circuit Rationality Check Conditions
BMW P1103	Mass Air Flow Circuit Rationality Check Conditions
BMW P1104	Differential Pressure Sensor Intake Manifold Pressure Too Low (Bank 1)
BMW P1105	Differential Pressure Sensor Intake Manifold Pressure Too High (Bank 1)
BMW P1111	O2 Control (Bank 1) System Too Lean
BMW P1112	O2 Control (Bank 1) System Too Rich
BMW P1129	Engine Oil Level Sensor Signal Oil Level Too Low
BMW P1130	Long Term Fuel Trim at Lean Limit
BMW P1132	HO2S (Bank 2 Sensor 1) Heater Circuit Malfunction
BMW P1133	HO2S (Bank 2 Sensor 1) Heater Circuit Malfunction
BMW P1134	HO2S Heater Circuit Current Malfunction
BMW P1135	HO2S Heater Circuit Current Malfunction
BMW P1136	HO2S Heater Circuit Heater Resistance
BMW P1137	Long Term Fuel Trim Add. Fuel, Bank 1 System Too Rich
BMW P1138	HO2S Circuit Malfunction
BMW P1139	HO2S Circuit Malfunction
BMW P1140	Throttle/Pedal Position Sensor Malfunction
BMW P1149	O2 Control (Bank 1) Out of Range (Sensor Aging)
BMW P1151	HO2S Heater Circuit Current Malfunction
BMW P1152	HO2S Heater Circuit Current Malfunction
BMW P1153	HO2S Heater Circuit Current Malfunction
BMW P1155	HO2S Heater Circuit Current Malfunction
BMW P1156	HO2S Heater Circuit Current Malfunction-Circuit Continuity
BMW P1157	HO2S Heater Circuit Current Malfunction-Heater Resistance
BMW P1158	Fuel Trim System Too Rich (Bank 1)
BMW P1159	Fuel Trim System Too Lean (Bank 1)
BMW P1160	Fuel Trim System Too Rich (Bank 1)
BMW P1161	Fuel Trim System Too Lean (Bank 1)
BMW P1163	HO2S Heater Circuit Current Malfunction
BMW P1174	Fuel System Malfunction (Cylinder Bank 1)
BMW P1175	Fuel System Malfunction (Cylinder Bank 1)
BMW P1178	O2 Sensor Switching Time
BMW P1179	O2 Sensor Switching Time
BMW P1186	O2 Sensor Heater Circuit (Bank 1-Sensor 1) Electrical Malfunction

Codes	Definition
BMW P1187	O2 Sensor Heater Circuit (Bank 1-Sensor 1) Electrical Malfunction
BMW P1188	Fuel System Malfunction (Cylinder Bank 1)
BMW P1189	Fuel System Malfunction (Cylinder Bank 1)
BMW P1197	Differential Pressure Sensor Intake Manifold High Input (Bank 1)
BMW P1198	Differential Pressure Sensor Intake Manifold Low Input (Bank 1)
BMW P1199	Differential Pressure Sensor Intake Manifold Pressure Plausibility (Bank 1)
BMW P1200	Fuel System Too Lean
BMW P1201	Fuel System Too Rich
BMW P1202	Fuel System Too Lean
BMW P1203	Fuel System Too Rich
BMW P1270	Mass or Volume Air Flow Circuit "A" Conditions
BMW P1327	Knock Sensor 2 Signal Low Input
BMW P1328	Knock Sensor 2 Signal High Input
BMW P1329	Knock Sensor 3 Signal Low Input
BMW P1330	Knock Sensor 3 Signal High Input
BMW P1332	Knock Sensor 4 Signal Low Input
BMW P1333	Knock Sensor 4 Signal High Input
BMW P1338	Camshaft Position Sensor (Bank 1) Open/Short to B+
BMW P1339	Camshaft Position Sensor (Bank 1) Open/Short to B+
BMW P1340	Crankshaft Position/Camshaft Sensor Signal Out of Sequence
BMW P1342	Random/Multiple Misfire Detected
BMW P1344	Random/Multiple Misfire Detected
BMW P1346	Random/Multiple Misfire Detected
BMW P1348	Random/Multiple Misfire Detected
BMW P1350	Random/Multiple Misfire Detected
BMW P1352	Random/Multiple Misfire Detected
BMW P1354	Random/Multiple Misfire Detected
BMW P1355	Random/Multiple Misfire Detected
BMW P1356	Random/Multiple Misfire Detected
BMW P1357	Random/Multiple Misfire Detected
BMW P1377	Camshaft Position Sensor Master Camshaft Not Defined
BMW P1381	Control Module Self-Test, Knock Control Offset (Bank 1)
BMW P1382	Control Module Self-Test, Knock Control Test Pulse (Bank 1)
BMW P1383	Secondary Ignition Circuit Range Check Voltage Malfunction
BMW P1384	Knock Sensor 3 Circuit Malfunction
BMW P1385	Knock Sensor 4 Circuit Malfunction
BMW P1386	Control Module Self-Test, Knock Control Circuit Baseline Test (Bank 1)
BMW P1396	Camshaft Position Sensor "A" Circ Malfunction
BMW P1397	Camshaft Position Sensor Circ Malfunction
BMW P1403	Evaporative Emission System Shut Off Valve
BMW P1411	Secondary Air Pump Valve Plausibility
BMW P1412	Secondary Air Pump Valve Plausibility
BMW P1413	Secondary Air Injector Pump Relay Control Circuit Signal Low

Codes	Definition
BMW P1414	Secondary Air Injector Pump Relay Control Circuit Signal High
BMW P1418	Secondary Air Pump Valve Plausibility
BMW P1420	Secondary Air Injector Valve Circuit Electrical Malfunction
BMW P1421	Secondary Air Injector Valve Circuit Short to Ground
BMW P1423	Secondary Air Pump Valve Plausibility
BMW P1432	Secondary Air Injection Valve Open
BMW P1453	Secondary Air Injector Valve Circuit Electrical Malfunction (Disconnection)
BMW P1470	EVAP Emission Control LDP Circuit Electrical Malfunction
BMW P1472	EVAP Emission Control Leak Detection Pump Circuit Short to Ground
BMW P1473	EVAP Emission Control Leak Detection Pump Circuit Open
BMW P1475	EVAP Emission Control LDP Circuit Malfunction/Signal Circuit Open
BMW P1476	EVAP Emission Control LDP Circuit Malfunction/Insufficient Vacuum
BMW P1500	Idle Air Control Valve Malfunction
BMW P1501	Idle Air Control Valve Malfunction
BMW P1502	Idle Air Control Valve Circuit Short to B+
BMW P1503	Idle Air Control Valve Circuit Short to Ground
BMW P1504	Idle Air Control Valve Circuit Continuity-Open Load
BMW P1506	Idle Air Control Valve Circuit Short to B+
BMW P1507	Idle Air Control Valve Circuit Short to Ground
BMW P1508	Idle Air Control Valve Circuit Continuity-Open Load
BMW P1509	Idle Air Control Valve
BMW P1511	Differentiated Intake Manifold Control Circuit Electrical
BMW P1512	Differentiated Intake Manifold Control Circuit Signal Low
BMW P1513	Differentiated Intake Manifold Control Circuit Signal High
BMW P1515	Engine Off Timer Plausibility
BMW P1517	Rough Road Detection, No Wheel Speed Signal
BMW P1518	Rough Road Detection, Wheel Speed Too High
BMW P1519	Engine Oil Quality Sensor Temperature Measurement
BMW P1520	Engine Oil Quality Sensor Level Measurement Error
BMW P1521	Intake Camshaft Control (Bank 2) Malfunction
BMW P1522	Intake Camshaft Control (Bank 2) Malfunction
BMW P1526	Camshaft Control Circuit Ground
BMW P1527	Variable Camshaft Timing (VANOS) Circuit Malfunction
BMW P1529	Camshaft Control Circuit Short to B+
BMW P1530	Camshaft Control Circuit Short to Ground
BMW P1532	Camshaft Control Circuit Open
BMW P1535	Differentiated Intake Manifold Coil Temperature Limit Value Exceeded
BMW P1536	Differentiated Intake Manifold Controller Monitoring, Control Deviation
BMW P1537	Differentiated Intake Manifold Potentiometer Voltage in Lower Diagnosis Range
BMW P1538	Differentiated Intake Manifold Potentiometer Voltage in Upper Diagnosis Range
BMW P1539	Differentiated Intake Manifold Coil Temperature Threshold Exceeded

Codes	Definition
BMW P1542	Throttle Actuation Potentiometer Range/Performance
BMW P1550	Idle Air Control Valve
BMW P1551	Engine Off Timer Timeout
BMW P1590	Throttle Actuation Potentiometer Signal Too Low (right side)
BMW P1591	Throttle Actuation Potentiometer Signal Too High (Right Side)
BMW P1592	Throttle Position Control Malfunction (Right Side)
BMW P1603	Control Module Self Test, Torque Monitoring
BMW P1604	Internal Control Module Driver Error
BMW P1614	Serial Communication Link ACC Malfunction
BMW P1624	Thermostat Control Circuit Malfunction
BMW P1626	Throttle/Pedal Position Sensor Rationality Check
BMW P1628	Throttle Valve Adaptation Spring Test Malfunction During Opening (Bank 1)
BMW P1629	Throttle Valve Adaptation Spring Test Stop, Spring Does Not Open (Bank 1)
BMW P1631	Throttle Valve Adaptation Spring Test (Bank 1)
BMW P1633	Throttle Valve Adaptation Limp-Home Position Unknown
BMW P1634	Throttle Valve Adaptation Spring Test Failed (Bank 1)
BMW P1635	Throttle Valve Adaptation Lower Mechanical Stop Not Adapted (Bank 1)
BMW P1636	Throttle Valve Position Control, Range Check (Bank 1)
BMW P1637	Throttle Valve Position Control, Control Deviation (Bank 1)
BMW P1638	Throttle Valve Position Control Throttle Stuck Temporarily (Bank 1)
BMW P1639	Accelerator Pedal Position Sensor 1+2 Range/Performance
BMW P1640	Internal Control Module (EEPROM) Error
BMW P1641	Throttle Valve Adaptation Stop Due to Environmental Conditions
BMW P1642	Throttle Valve Adaptation Stop Due to Environmental Values
BMW P1643	Throttle Valve Actuator Start Test Amplifier Balancing Plausibility
BMW P1644	Throttle Valve Adaptation Stop Relearning Lower Mechanical Stop
BMW P1645	Internal Control Module Random Access Memory (RAM) Reading Error
BMW P1649	Internal Control Module Random Access Memory (RAM) Writing Error
BMW P1650	Start While Engine is Running
BMW P1660	EWS (Electronic Immobilizer) Telegram Error
BMW P1661	Timeout EWS (Electronic Immobilizer) Telegram
BMW P1662	EWS (Electronic Immobilizer) Telegram Parity Error
BMW P1663	EWS (Electronic Immobilizer) Rolling Code Faulty Storage in EEPROM
BMW P1664	EWS (Electronic Immobilizer) Writing/Reading Error in EEPROM
BMW P1665	EWS (Electronic Immobilizer) Tampering Via Rolling Code
BMW P1666	EWS (Electronic Immobilizer) Tampering/Start Value Not Yet Programmed
BMW P1667	EWS (Electronic Immobilizer) Start Value Not Yet Programmed
BMW P1668	EWS (Electronic Immobilizer) Start Value Destroyed
BMW P1677	Adaptive Cruise Control No Activity Detected
BMW P1680	Electronic Throttle Control Monitor Level 2/3 ADC Processor Fault

Codes	Definition
BMW P1719	CAN Level Wrong Value
BMW P1720	CAN Message Timeout
BMW P1721	CAN Timeout ASC/DSC
BMW P1727	Engine Speed Signal Plausibility
BMW P1728	Engine Overspeed Plausibility
BMW P1734	Pressure Control Valve 2 Electrical
BMW P1738	Pressure Control Valve 3 Electrical
BMW P1740	Clutch Solenoid Circuit Range/Performance
BMW P1743	Pressure Regulator Valve 5 Upper Threshold
BMW P1745	Pressure Regulator Valve 5 Plausibility
BMW P1747	CAN-Bus Plausibility-Disabled
BMW P1750	Shift Solenoid Power Supply Malfunction
BMW P1753	Pressure Regulator Valve 4 Upper Threshold
BMW P1758	Shift Solenoid B
BMW P1762	Shift Solenoid C Short to Power
BMW P1763	Shift Solenoid C Short to Ground
BMW P1764	Shift Solenoid C Short Circuit Continuity-Disconnection
BMW P1765	Throttle Valve Signal Plausibility
BMW P1766	Engine Speed Plausibility
BMW P1771	Engine Torque Plausibility
BMW P1782	Brake Pedal Signal Plausibility
BMW P1790	Internal Control Module Memory Checksum Error
BMW P1791	EEPROM Failure
BMW P1801	Solenoid Valve 1 Lower Threshold
BMW P1802	Solenoid Valve 2 Lower Threshold
BMW P1803	Solenoid Valve 3 Lower Threshold
BMW P1810	Input/Turbine Speed Sensor Circuit Malfunction Upper Threshold
BMW P1811	Input/Turbine Speed Sensor Circuit Malfunction Lower Threshold
BMW P1812	Output Speed Sensor Circuit Malfunction Upper Threshold
BMW P1813	Output Speed Sensor Circuit Malfunction Lower Threshold
BMW P1814	Output Speed Sensor Circuit Malfunction Plausibility
BMW P1831	Pressure Regulator Valve 1 Upper Threshold
BMW P1832	Pressure Regulator Valve 2 Upper Threshold
BMW P1833	Pressure Regulator Valve 3 Upper Threshold
BMW P1834	Pressure Regulator Valve 4 Upper Threshold
BMW P1835	Pressure Regulator Valve 5 Upper Threshold
BMW P1841	Pressure Regulator Valve 1 Lower Threshold
BMW P1842	Pressure Regulator Valve 2 Lower Threshold
BMW P1843	Pressure Regulator Valve 3 Lower Threshold
BMW P1844	Pressure Regulator Valve 4 Lower Threshold
BMW P1845	Pressure Regulator Valve 5 Lower Threshold
BMW P1861	2-1 Shift Range Monitoring General Malfunction
BMW P1862	3-2 Shift Range Monitoring
BMW P1863	4-3 Shift Range Monitoring

Codes	Definition
BMW P1864	5-4 Shift Range Monitoring
BMW P1865	6-5 Shift Range Monitoring
BMW P1881	1-2 Shift Range Monitoring Upper Threshold
BMW P1882	2-3 Shift Range Monitoring Upper Threshold
BMW P1883	3-4 Shift Upper Threshold
BMW P1884	4-5 Shift Upper Threshold
BMW P1885	5-6 Shift Upper Threshold
BMW P1889	System Power Supply (B+) Terminal 15 Malfunction
BMW P1890	TCC Power Supply Upper Threshold
BMW P1891	TCC Power Supply Upper Threshold
BMW P1892	TCC Power Supply Lower Threshold
BMW P1893	TCC Power Supply Circuit Continuity Power Short
BMW P1894	TCC Power Supply Circuit Continuity Ground Short
BMW P1895	TCC Power Supply Circuit Continuity Disconnection
BMW P3013	O2 Sensor Circuit Adaptation Value to High (Bank 2 Sensor 1)
BMW P3014	O2 Sensor WRAF-IC Supply Voltage Too Low (Bank 1 Sensor 1)
BMW P3015	O2 Sensor WRAF-IC Supply Voltage Too Low (Bank 2 Sensor 1)
BMW P3016	O2 Sensor Calibration Resistance at WRAF-IC Plausibility Bank 1 Sensor 1
BMW P3017	O2 Sensor Calibration Resistance at WRAF-IC Plausibility Bank 2 Sensor 1
BMW P3018	O2 Sensor Lambda Controller Value Above Threshold due to Open Pumping Current Circuit (Bank 1 Sensor 1)
BMW P3019	O2 Sensor Lambda Controller Value Above Threshold due to Open Pumping Current Circuit (Bank 2 Sensor 1)
BMW P3020	O2 Sensor Signal Voltage Too Low During Coast Down Fuel Cut-Off Due to Open Pumping Current Circuit (Bank 1 Sensor 1)
BMW P3021	O2 Sensor Signal Voltage Too Low During Coast Down Fuel Cut-Off Due to Open Pumping Current Circuit (Bank 2 Sensor 1)
BMW P3022	O2 Sensor Disturbed SPI Communication to WRAF-IC (Bank 1 Sensor 1)
BMW P3023	O2 Sensor Disturbed SPI Communication to WRAF-IC (Bank 2 Sensor 1)
BMW P3024	O2 Sensor Initialization Error WRAF-IC (Bank 1 Sensor 1)
BMW P3025	O2 Sensor Initialization Error WRAF-IC (Bank 2 Sensor 1)
BMW P3026	O2 Sensor Operating Temperature Not Reached Bank 1 Sensor 1
BMW P3027	O2 Sensor Operating Temperature Not Reached Bank 2 Sensor 1
BMW P3028	O2 Sensor Heater Control No Activity Detected Bank 1 Sensor 1
BMW P3029	O2 Sensor Heater Control No Activity Detected Bank 2 Sensor 1
BMW P3037	O2 Sensor Positive Current Control Circuit/Open Circuit (Bank 1 Sensor 1)
BMW P3200	Power CAN, CAN Chip Defective
BMW P3201	Power CAN, DPRAM-CAN Chip Defective
BMW P3202	Powertrain CAN, CAN Chip Cut-Off
BMW P3203	Local CAN, LoCAN Chip Defective

Codes	Definition
BMW P3204	Local CAN, DPRAM-LoCAN Chip Defective
BMW P3205	Local CAN, DPRAM-LoCAN Chip Cut-Off
BMW P3206	CAN Timeout ARS
BMW P3207	CAN Message Monitoring ARS No Signal
BMW P3208	CAN Message Monitoring ARS Plausibility
BMW P3209	CAN Message Monitoring ASC/DSC Alive Check Malfunction
BMW P3210	CAN Message Monitoring ASC/DSC Plausibility
BMW P3211	CAN Message Monitoring CAS No Signal
BMW P3212	CAN Message Monitoring CAS Plausibility
BMW P3213	CAN Message Monitoring ETC Alive Check Malfunction
BMW P3214	CAN Message Monitoring ETC Plausibility
BMW P3215	CAN Message Monitoring IHKA (Automatic Heating and Air Conditioning) No Signal
BMW P3216	CAN Timeout Instrument Pack
BMW P3217	CAN Message Monitoring Instrument Pack Plausibility
BMW P3219	CAN Message Monitoring SZL (Switch Cluster Steering Column) Alive Check Malfunction
BMW P3220	CAN Message Monitoring SZL (Switch Cluster Steering Column) No Signal
BMW P3221	CAN Message Monitoring SZL (Switch Cluster Steering Column) Plausibility
BMW P3223	Generator Mechanical Error
BMW P3225	Generator Communication Error
BMW P3226	E-Box Control Circuit Fan High
BMW P3227	E-Box Control Circuit Fan Low
BMW P3228	E-Box Control Circuit Open Circuit
BMW P3231	Control Module Monitoring Error Response Plausibility
BMW P3232	Control Module Monitoring Ignition Timing Plausibility
BMW P3233	Control Module Monitoring Relative Charge Plausibility
BMW P3236	Control Module Monitoring Injection Time Relative Fuel Quantity Plausibility
BMW P3237	Control Module Monitoring Fuel Correction Error
BMW P3238	Control Module Monitoring TPU Chip Defective
BMW P3247	Internal Control Module NVRAM Backup Error
BMW P3300	Ignition Coil Cylinder 1 High Input or None-Impedance
BMW P3301	Ignition Coil Cylinder 1 Contact Resistance or High-Impedance
BMW P3302	Ignition Coil Cylinder 1 Cut-Off Due to Over-temperature Condition or No Signal
BMW P3303	Ignition Coil Cylinder 5 High Input or None-Impedance
BMW P3304	Ignition Coil Cylinder 5 Contact Resistance or High-Impedance
BMW P3305	Ignition Coil Cylinder 5 Cut-Off Due to Over-temperature Condition or No Signal
BMW P3306	Ignition Coil Cylinder 4 High Input or None-Impedance
BMW P3307	Ignition Coil Cylinder 4 Contact Resistance or High-Impedance

Codes	Definition
BMW P3308	Ignition Coil Cylinder 4 Cut-Off Due to Over-temperature Condition or No Signal
BMW P3309	Ignition Coil Cylinder 8 High Input or None-Impedance
BMW P3310	Ignition Coil Cylinder 8 Contact Resistance or High-Impedance
BMW P3311	Ignition Coil Cylinder 8 Cut-Off Due to Over-temperature Condition or No Signal
BMW P3312	Ignition Coil Cylinder 6 High Input or None-Impedance
BMW P3313	Ignition Coil Cylinder 6 Contact Resistance or High-Impedance
BMW P3314	Ignition Coil Cylinder 6 Cut-Off Due to Over-temperature Condition or No Signal
BMW P3315	Ignition Coil Cylinder 31 High Input or None-Impedance
BMW P3316	Ignition Coil Cylinder 3 Contact Resistance or High-Impedance
BMW P3317	Ignition Coil Cylinder 3 Cut-Off Due to Over-temperature Condition or No Signal
BMW P3318	Ignition Coil Cylinder 7 High Input or None-Impedance
BMW P3319	Ignition Coil Cylinder 7 Contact Resistance or High-Impedance
BMW P3320	Ignition Coil Cylinder 7 Cut-Off Due to Over-temperature Condition or No Signal
BMW U1115	Lost Communication With Vehicle Mode Status
BMW U1116	Lost Communication With Vehicle Mode Status Check Sum Error
BMW U1120	Lost Communication With Steering Angle Sensor Module
BMW U1121	Lost Communication With Power Management Battery Voltage
BMW U1129	Lost Communication With Reverse Status
BMW U1134	Lost Communication With Lamp Status
BMW U1135	Lost Communication With Status Water Valve