

www.FordMPV.com - VCDS Code Translator:

P-code	Description
P0010	-A- Camshaft Pos. Actuator Circ. Bank 1 Malfunction
P0020	-A- Camshaft Pos. Actuator Circ. Bank 2 Malfunction
P0065	Air Assisted Injector Control Range / Performance
P0066	Air Assisted Injector Control Low Input / Short to ground
P0067	Air Assisted Injector Control Input / Short to B+
P0101	Mass or Volume Air Flow Circ Range / Performance
P0102	Mass or Volume Air Flow Circ Low Input
P0103	Mass or Volume Air Flow Circ High Input
P0105	Manifold Abs.Pressure or Bar.Pressure Voltage supply
P0106	Manifold Abs.Pressure or Bar.Pressure Range / Performance
P0107	Manifold Abs.Pressure or Bar.Pressure Low Input
P0108	Manifold Abs.Pressure or Bar.Pressure High Input
P0112	Intake Air Temp.Circ Low Input
P0113	Intake Air Temp.Circ High Input
P0116	Engine Coolant Temp.Circ Range / Performance
P0117	Engine Coolant Temp.Circ Low Input
P0118	Engine Coolant Temp.Circ High Input
P0120	Throttle / Pedal Pos.Sensor A Circ Malfunction
P0121	Throttle / Pedal Pos.Sensor A Circ Range / Performance
P0122	Throttle / Pedal Pos.Sensor A Circ Low Input
P0123	Throttle / Pedal Pos.Sensor A Circ High Input
P0125	Insufficient Coolant Temp.for Closed Loop Fuel Control
P0128	Coolant Thermostat / Valve Temperature below control range
P0130	O2 Sensor Circ.,Bank1-Sensor1 Malfunction
P0131	O2 Sensor Circ.,Bank1-Sensor1 Low Voltage
P0132	O2 Sensor Circ.,Bank1-Sensor1 High Voltage
P0133	O2 Sensor Circ.,Bank1-Sensor1 Slow Response
P0134	O2 Sensor Circ.,Bank1-Sensor1 No Activity Detected
P0135	O2 Sensor Heater Circ.,Bank1-Sensor1 Malfunction
P0136	O2 Sensor Circ.,Bank1-Sensor2 Malfunction
P0137	O2 Sensor Circ.,Bank1-Sensor2 Low Voltage
P0138	O2 Sensor Circ.,Bank1-Sensor2 High Voltage
P0139	O2 Sensor Circ.,Bank1-Sensor2 Slow Response

P0140	O2 Sensor Circ.,Bank1-Sensor2 No Activity Detected
P0141	O2 Sensor Heater Circ.,Bank1-Sensor2 Malfunction
P0150	O2 Sensor Circ.,Bank2-Sensor1 Malfunction
P0151	O2 Sensor Circ.,Bank2-Sensor1 Low Voltage
P0152	O2 Sensor Circ.,Bank2-Sensor1 High Voltage
P0153	O2 Sensor Circ.,Bank2-Sensor1 Slow Response
P0154	O2 Sensor Circ.,Bank2-Sensor1 No Activity Detected
P0155	O2 Sensor Heater Circ.,Bank2-Sensor1 Malfunction
P0156	O2 Sensor Circ.,Bank2-Sensor2 Malfunction
P0157	O2 Sensor Circ.,Bank2-Sensor2 Low Voltage
P0158	O2 Sensor Circ.,Bank2-Sensor2 High Voltage
P0159	O2 Sensor Circ.,Bank2-Sensor2 Slow Response
P0160	O2 Sensor Circ.,Bank2-Sensor2 No Activity Detected
P0161	O2 Sensor Heater Circ.,Bank2-Sensor2 Malfunction
P0170	Fuel Trim,Bank1 Malfunction
P0171	Fuel Trim,Bank1 System too Lean
P0172	Fuel Trim,Bank1 System too Rich
P0173	Fuel Trim,Bank2 Malfunction
P0174	Fuel Trim,Bank2 System too Lean
P0175	Fuel Trim,Bank2 System too Rich
P0182	Fuel temperature sender-G81 Short to ground
P0183	Fuel temperature sender-G81 Interruption / Short to B+
P0197	Engine Oil Temperature Circuit Low Input
P0198	Engine Oil Temperature Circuit High Input
P0201	Cyl.1, Injector Circuit Fault in electrical circuit
P0202	Cyl.2, Injector Circuit Fault in electrical circuit
P0203	Cyl.3, Injector Circuit Fault in electrical circuit
P0204	Cyl.4, Injector Circuit Fault in electrical circuit
P0205	Cyl.5 Injector Circuit Fault in electrical circuit
P0206	Cyl.6 Injector Circuit Fault in electrical circuit
P0207	Cyl.7 Injector Circuit Fault in electrical circuit
P0208	Cyl.8 Injector Circuit Fault in electrical circuit
P0215	Engine Shut-Off Solenoid Malfunction
P0216	Injector / Injection Timing Control Malfunction
P0219	Engine Overspeed Condition
P0221	Throttle Pos. Sensor -B- Circuit Range / Performance

P0222	Throttle Pos. Sensor -B- Circuit Low Input
P0223	Throttle Pos. Sensor -B- Circuit High Input
P0225	Throttle Pos. Sensor -C- Circuit Voltage supply
P0226	Throttle Pos. Sensor -C- Circuit Range / Performance
P0227	Throttle Pos. Sensor -C- Circuit Low Input
P0228	Throttle Pos. Sensor -C- Circuit Hight Input
P0230	Fuel Pump Primary Circuit Fault in electrical circuit
P0234	Turbocharger Overboost Condition Control limit exceeded
P0235	Turbocharger Boost Sensor (A) Circ Control limit not reached
P0236	Turbocharger Boost Sensor (A) Circ Range / Performance
P0237	Turbocharger Boost Sensor (A) Circ Low Input
P0238	Turbocharger Boost Sensor (A) Circ High Input
P0243	Turbocharger Wastegate Solenoid (A) Open / Short Circuit to Ground
P0245	Turbocharger Wastegate Solenoid (A) Low Input / Short to ground
P0246	Turbocharger Wastegate Solenoid (A) High Input / Short to B+
P0252	Injection Pump Metering Control (A) Range / Performance
P0261	Cyl.1 Injector Circuit Low Input / Short to ground
P0262	Cyl.1 Injector Circuit High Input / Short to B+
P0264	Cyl.2 Injector Circuit Low Input / Short to ground
P0265	Cyl.2 Injector Circuit High Input / Short to B+
P0267	Cyl.3 Injector Circuit Low Input / Short to ground
P0268	Cyl.3 Injector Circuit High Input / Short to B+
P0270	Cyl.4 Injector Circuit Low Input / Short to ground
P0271	Cyl.4 Injector Circuit High Input / Short to B+
P0273	Cyl.5 Injector Circuit Low Input / Short to ground
P0274	Cyl.5 Injector Circuit High Input / Short to B+
P0276	Cyl.6 Injector Circuit Low Input / Short to ground
P0277	Cyl.6 Injector Circuit High Input / Short to B+
P0279	Cyl.7 Injector Circuit Low Input / Short to ground
P0280	Cyl.7 Injector Circuit High Input / Short to B+
P0282	Cyl.8 Injector Circuit Low Input / Short to ground
P0283	Cyl.8 Injector Circuit High Input / Short to B+
P0300	Random / Multiple Cylinder Misfire Detected
P0301	Cyl.1 Misfire Detected
P0302	Cyl.2 Misfire Detected
P0303	Cyl.3 Misfire Detected

P0304	Cyl.4 Misfire Detected
P0305	Cyl.5 Misfire Detected
P0306	Cyl.6 Misfire Detected
P0307	Cyl.7 Misfire Detected
P0308	Cyl.8 Misfire Detected
P0313	Misfire Detected Low Fuel Level
P0314	Single Cylinder Misfire
P0321	Ign./Distributor Eng.Speed Inp.Circ Range / Performance
P0322	Ign./Distributor Eng.Speed Inp.Circ No Signal
P0325	Knock Sensor 1 Circuit Electrical Fault in Circuit
P0326	Knock Sensor 1 Circuit Range / Performance
P0327	Knock Sensor 1 Circ Low Input
P0328	Knock Sensor 1 Circ High Input
P0332	Knock Sensor 2 Circ Low Input
P0333	Knock Sensor 2 Circ High Input
P0335	Crankshaft Pos. Sensor (A) Circ Malfunction
P0336	Crankshaft Pos. Sensor (A) Circ Range / Performance / Missing tooth
P0337	Crankshaft Pos.Sensor (A) Circ Low Input
P0340	Camshaft Pos. Sensor (A) Circ Incorrect allocation
P0341	Camshaft Pos.Sensor Circ Range / Performance
P0342	Camshaft Pos.Sensor Circ Low Input
P0343	Camshaft Pos.Sensor Circ High Input
P0351	Ignition Coil (A) Cyl.1 Prim. / Sec. Circ Malfunction
P0352	Ignition Coil (B) Cyl.2 Prim. / Sec. Circ Malfunction
P0353	Ignition Coil (C) Cyl.3 Prim. / Sec. Circ Malfunction
P0354	Ignition Coil (D) Cyl.4 Prim. / Sec. Circ Malfunction
P0355	Ignition Coil (E) Cyl.5 Prim. / Sec. Circ Malfunction
P0356	Ignition Coil (F) Cyl.6 Prim. / Sec. Circ Malfunction
P0357	Ignition Coil (G) Cyl.7 Prim. / Sec. Circ Malfunction
P0358	Ignition Coil (H) Cyl.8 Prim. / Sec. Circ Malfunction
P0380	Glow Plug / Heater Circuit (A) Electrical Fault in Circuit
P0400	Exhaust Gas Recirc.Flow Malfunction
P0401	Exhaust Gas Recirc.Flow Insufficient Detected
P0402	Exhaust Gas Recirc.Flow Excessive Detected
P0403	Exhaust Gas Recirc. Contr. Circ Malfunction
P0404	Exhaust Gas Recirc. Contr. Circ Range / Performance

P0405	Exhaust Gas Recirc. Sensor (A) Circ Low Input
P0406	Exhaust Gas Recirc. Sensor (A) Circ High Input
P0407	Exhaust Gas Recirc. Sensor (B) Circ Low Input
P0408	Exhaust Gas Recirc. Sensor (B) Circ High Input
P0410	Sec.Air Inj.Sys Malfunction
P0411	Sec.Air Inj.Sys. Incorrect Flow Detected
P0412	Sec.Air Inj.Sys.Switching Valve A Circ Malfunction
P0418	Sec. Air Inj. Sys. Relay (A) Contr. Circ Malfunction
P0420	Catalyst System,Bank1 Efficiency Below Threshold
P0422	Main Catalyst,Bank1 Below Threshold
P0427	Catalyst Temperature Sensor, Bank 1 Low Input /Short to ground
P0428	Catalyst Temperature Sensor, Bank 1 High Input / Open /Short Circuit to B+
P0432	Main Catalyst,Bank2 Efficiency Below Threshold
P0436	Catalyst Temperature Sensor, Bank 2 Range / Performance
P0437	Catalyst Temperature Sensor, Bank 2 Low Input /Short to ground
P0438	Catalyst Temperature Sensor, Bank 2 High Input / Open /Short Circuit to B+
P0440	EVAP Emission Contr.Sys. Malfunction
P0441	EVAP Emission Contr.Sys.Incorrect Purge Flow
P0442	EVAP Emission Contr.Sys.(Small Leak) Leak Detected
P0443	EVAP Emiss. Contr. Sys. Purge Valve Circ Electrical Fault in Circuit
P0452	EVAP Emission Contr.Sys.Press.Sensor Low Input
P0453	EVAP Emission Contr.Sys.Press.Sensor High Input
P0455	EVAP Emission Contr.Sys.(Gross Leak) Leak Detected
P0461	Fuel Level Sensor Circ Range / Performance
P0462	Fuel Level Sensor Circuit Low Input
P0463	Fuel Level Sensor Circuit High Input
P0501	Vehicle Speed Sensor Range / Performance
P0503	Vehicle Speed Sensor Intermittent /Erratic /High Input
P0505	Idle Control System Malfunction
P0506	Idle Control System RPM Lower than Expected
P0507	Idle Control System Higher than Expected
P0510	Closed Throttle Pos.Switch Malfunction
P0531	A/C Refrigerant Pressure Sensor Circuit Range / Performance
P0532	A/C Refrigerant Pressure Sensor Circuit Low Input
P0533	A/C Refrigerant Pressure Sensor Circuit High Input
P0551	Power Steering Pressure Sensor Circuit Range / Performance

P0560	System Voltage Malfunction
P0562	System Voltage Low Voltage
P0563	System Voltage High Voltage
P0568	Cruise Control Set Signal Incorrect Signal
P0571	Cruise / Brake Switch (A) Circ Malfunction
P0600	Serial Comm. Link (Data Bus) Message Missing
P0601	Internal Contr.Module Memory Check Sum Error
P0602	Control Module Programming Error / Malfunction
P0603	Internal Contr.Module (KAM) Error
P0604	Internal Contr.Module Random Access Memory (RAM) Error
P0605	Internal Contr.Module ROM Test Error
P0606	ECM / PCM Processor
P0642	Knock Control Control Module Malfunction
P0645	A/C Clutch Relay Control Circuit
P0650	MIL Control Circuit Electrical Fault in Circuit
P0654	Engine RPM Output Circuit Electrical Fault in Circuit
P0656	Fuel Level Output Circuit Electrical Fault in Circuit
P0700	Transm.Contr.System Malfunction
P0702	Transm.Contr.System Electrical
P0703	Torque Converter / Brake Switch B Circ Malfunction
P0705	Transm.Range Sensor Circ.(PRNDL Inp.) Malfunction
P0706	Transm.Range Sensor Circ Range / Performance
P0707	Transm.Range Sensor Circ Low Input
P0708	Transm.Range Sensor Circ High Input
P0710	Transm.Fluid Temp.Sensor Circ. Malfunction
P0711	Transm.Fluid Temp.Sensor Circ. Range / Performance
P0712	Transm.Fluid Temp.Sensor Circ. Low Input
P0713	Transm.Fluid Temp.Sensor Circ. High Input
P0715	Input Turbine / Speed Sensor Circ. Malfunction
P0716	Input Turbine / Speed Sensor Circ. Range / Performance
P0717	Input Turbine / Speed Sensor Circ. No Signal
P0721	Output Speed Sensor Circ Range / Performance
P0722	Output Speed Sensor Circ No Signal
P0725	Engine Speed Inp.Circ. Malfunction
P0726	Engine Speed Inp.Circ. Range / Performance
P0727	Engine Speed Inp.Circ. No Signal

P0730	Gear Incorrect Ratio
P0731	Gear 1 Incorrect Ratio
P0732	Gear 2 Incorrect Ratio
P0733	Gear 3 Incorrect Ratio
P0734	Gear 4 Incorrect Ratio
P0735	Gear 5 Incorrect Ratio
P0740	Torque Converter Clutch Circ Malfunction
P0741	Torque Converter Clutch Circ Performance or Stuck Off
P0748	Pressure Contr.Solenoid Electrical
P0750	Shift Solenoid A malfunction
P0751	Shift Solenoid A Performance or Stuck Off
P0752	Shift Solenoid A Stuck On
P0753	Shift Solenoid A Electrical
P0756	Shift Solenoid B Performance or Stuck Off
P0757	Shift Solenoid B Stuck On
P0758	Shift Solenoid B Electrical
P0761	Shift Solenoid C Performance or Stuck Off
P0762	Shift Solenoid C Stuck On
P0763	Shift Solenoid C Electrical
P0768	Shift Solenoid D Electrical
P0773	Shift Solenoid E Electrical
P0790	Normal / Performance Switch Circ Malfunction
P1101	O2 Sensor Circ.,Bank1-Sensor1 Voltage too Low / Air Leak
P1102	O2 Sensor Heating Circ.,Bank1-Sensor1 Short to B+
P1103	O2 Sensor Heating Circ.,Bank1-Sensor1 Output too Low
P1104	Bank1-Sensor2 Voltage too Low / Air Leak
P1105	O2 Sensor Heating Circ.,Bank1-Sensor2 Short to B+
P1106	O2 Sensor Circ.,Bank2-Sensor1 Voltage too Low / Air Leak
P1107	O2 Sensor Heating Circ.,Bank2-Sensor1 Short to B+
P1108	O2 Sensor Heating Circ.,Bank2-Sensor1 Output too Low
P1109	O2 Sensor Circ.,Bank2-Sensor2 Voltage too Low / Air Leak
P1110	O2 Sensor Heating Circ.,Bank2-Sensor2 Short to B+
P1111	O2 Control (Bank 1) System too lean
P1112	O2 Control (Bank 1) System too rich
P1113	Bank1-Sensor1 Internal Resistance too High
P1114	Bank1-Sensor2 Internal Resistant too High

P1115	O2 Sensor Heater Circ.,Bank1-Sensor1 Short to Ground
P1116	O2 Sensor Heater Circ.,Bank1-Sensor1 Open
P1117	O2 Sensor Heater Circ.,Bank1-Sensor2 Short to Ground
P1118	O2 Sensor Heater Circ.,Bank1-Sensor2 Open
P1119	O2 Sensor Heater Circ.,Bank2-Sensor1 Short to Ground
P1120	O2 Sensor Heater Circ.,Bank2-Sensor1 Open
P1121	O2 Sensor Heater Circ.,Bank2-Sensor2 Short to Ground
P1122	O2 Sensor Heater Circ.,Bank2-Sensor2 Open
P1123	Long Term Fuel Trim Add.Air.,Bank1 System too Rich
P1124	Long Term Fuel Trim Add.Air.,Bank1 System too Lean
P1125	Long Term Fuel Trim Add.Air.,Bank2 System too Rich
P1126	Long Term Fuel Trim Add.Air.,Bank2 System too Lean
P1127	Long Term Fuel Trim mult.,Bank1 System too Rich
P1128	Long Term Fuel Trim mult.,Bank1 System too Lean
P1129	Long Term Fuel Trim mult.,Bank2 System too Rich
P1130	Long Term Fuel Trim mult.,Bank2 System too Lean
P1131	Bank2-Sensor1 Internal Resistance too High
P1132	O2 Sensor Heating Circ.,Bank1+2-Sensor1 Short to B+
P1133	O2 Sensor Heating Circ.,Bank1+2-Sensor1 Electrical Malfunction
P1134	O2 Sensor Heating Circ.,Bank1+2-Sensor2 Short to B+
P1135	O2 Sensor Heating Circ.,Bank1+2-Sensor2 Electrical Malfunction
P1136	Long Term Fuel Trim Add.Fuel,Bank1 System too Lean
P1137	Long Term Fuel Trim Add.Fuel,Bank1 System too Rich
P1138	Long Term Fuel Trim Add.Fuel,Bank2 System too Lean
P1139	Long Term Fuel Trim Add.Fuel,Bank2 System too Rich
P1140	Bank2-Sensor2 Internal Resistance too High
P1141	Load Calculation Cross Check Range / Performance
P1142	Load Calculation Cross Check Lower Limit Exceeded
P1143	Load Calculation Cross Check Upper Limit Exceeded
P1144	Mass or Volume Air Flow Circ Open / Short to Ground
P1145	Mass or Volume Air Flow Circ Short to B+
P1146	Mass or Volume Air Flow Circ Supply Malfunction
P1147	O2 Control (Bank 2) System too lean
P1148	O2 Control (Bank 2) System too rich
P1149	O2 Control (Bank 1) Out of range
P1150	O2 Control (Bank 2) Out of range

P1151	Bank1, Long Term Fuel Trim, Range 1 Leanness Lower Limit Exceeded
P1152	Bank1, Long Term Fuel Trim, Range 2 Leanness Lower Limit Exceeded
P1154	Manifold Switch Over Malfunction
P1155	Manifold Abs.Pressure Sensor Circ. Short to B+
P1156	Manifold Abs.Pressure Sensor Circ. Open / Short to Ground
P1157	Manifold Abs.Pressure Sensor Circ. Power Supply Malfunction
P1158	Manifold Abs.Pressure Sensor Circ. Range / Performance
P1160	Manifold Temp.Sensor Circ. Short to Ground
P1161	Manifold Temp.Sensor Circ. Open / Short to B+
P1162	Fuel Temp.Sensor Circ. Short to Ground
P1163	Fuel Temp.Sensor Circ. Open / Short to B+
P1164	Fuel Temperature Sensor Range / Performance / Incorrect Signal
P1165	Bank1, Long Term Fuel Trim, Range 1 Rich Limit Exceeded
P1166	Bank1, Long Term Fuel Trim, Range 2 Rich Limit Exceeded
P1171	Throttle Actuation Potentiometer Sign.2 Range / Performance
P1172	Throttle Actuation Potentiometer Sign.2 Signal too Low
P1173	Throttle Actuation Potentiometer Sign.2 Signal too High
P1174	Fuel Trim, Bank 1 Different injection times
P1176	O2 Correction Behind Catalyst,B1 Limit Attained
P1177	O2 Correction Behind Catalyst,B2 Limit Attained
P1178	Linear O2 Sensor / Pump Current Open Circuit
P1179	Linear O2 Sensor / Pump Current Short to ground
P1180	Linear O2 Sensor / Pump Current Short to B+
P1181	Linear O2 Sensor / Reference Voltage Open Circuit
P1182	Linear O2 Sensor / Reference Voltage Short to ground
P1183	Linear O2 Sensor / Reference Voltage Short to B+
P1184	Linear O2 Sensor / Common Ground Wire Open Circuit
P1185	Linear O2 Sensor / Common Ground Wire Short to ground
P1186	Linear O2 Sensor / Common Ground Wire Short to B+
P1187	Linear O2 Sensor / Compens. Resistor Open Circuit
P1188	Linear O2 Sensor / Compens. Resistor Short to ground
P1189	Linear O2 Sensor / Compens. Resistor Short to B+
P1190	Linear O2 Sensor / Reference Voltage Incorrect Signal
P1196	O2 Sensor Heater Circ.,Bank1-Sensor1 Electrical Malfunction
P1197	O2 Sensor Heater Circ.,Bank2-Sensor1 Electrical Malfunction
P1198	O2 Sensor Heater Circ.,Bank1-Sensor2 Electrical Malfunction

P1199	O2 Sensor Heater Circ.,Bank2-Sensor2 Electrical Malfunction
P1201	Cyl.1-Fuel Inj.Circ. Electrical Malfunction
P1202	Cyl.2-Fuel Inj.Circ. Electrical Malfunction
P1203	Cyl.3-Fuel Inj.Circ. Electrical Malfunction
P1204	Cyl.4-Fuel Inj.Circ. Electrical Malfunction
P1205	Cyl.5-Fuel Inj.Circ. Electrical Malfunction
P1206	Cyl.6-Fuel Inj.Circ. Electrical Malfunction
P1207	Cyl.7-Fuel Inj.Circ. Electrical Malfunction
P1208	Cyl.8-Fuel Inj.Circ. Electrical Malfunction
P1209	Intake valves for cylinder shut-off Short circuit to ground
P1210	Intake valves for cylinder shut-off Short to B+
P1211	Intake valves for cylinder shut-off Open circuit
P1213	Cyl.1-Fuel Inj.Circ. Short to B+
P1214	Cyl.2-Fuel Inj.Circ. Short to B+
P1215	Cyl.3-Fuel Inj.Circ. Short to B+
P1216	Cyl.4-Fuel Inj.Circ. Short to B+
P1217	Cyl.5-Fuel Inj.Circ. Short to B+
P1218	Cyl.6-Fuel Inj.Circ. Short to B+
P1219	Cyl.7-Fuel Inj.Circ. Short to B+
P1220	Cyl.8-Fuel Inj.Circ. Short to B+
P1221	Cylinder shut-off exhaust valves Short circuit to ground
P1222	Cylinder shut-off exhaust valves Short to B+
P1223	Cylinder shut-off exhaust valves Open circuit
P1225	Cyl.1-Fuel Inj.Circ. Short to Ground
P1226	Cyl.2-Fuel Inj.Circ. Short to Ground
P1227	Cyl.3-Fuel Inj.Circ. Short to Ground
P1228	Cyl.4-Fuel Inj.Circ. Short to Ground
P1229	Cyl.5-Fuel Inj.Circ. Short to Ground
P1230	Cyl.6-Fuel Inj.Circ. Short to Ground
P1231	Cyl.7-Fuel Inj.Circ. Short to Ground
P1232	Cyl.8-Fuel Inj.Circ. Short to Ground
P1237	Cyl.1-Fuel Inj.Circ. Open Circ.
P1238	Cyl.2-Fuel Inj.Circ. Open Circ.
P1239	Cyl.3-Fuel Inj.Circ. Open Circ.
P1240	Cyl.4-Fuel Inj.Circ. Open Circ.
P1241	Cyl.5-Fuel Inj.Circ. Open Circ.

P1242	Cyl.6-Fuel Inj.Circ. Open Circ.
P1243	Cyl.7-Fuel Inj.Circ. Open Circ.
P1244	Cyl.8-Fuel Inj.Circ. Open Circ.
P1245	Needle Lift Sensor Circ. Short to Ground
P1246	Needle Lift Sensor Circ. Range / Performance
P1247	Needle Lift Sensor Circ. Open / Short to B+
P1248	Injection Start Control Deviation
P1249	Fuel consumption signal Electrical Fault in Circuit
P1250	Fuel Level Too Low
P1251	Start of Injection Solenoid Circ Short to B+
P1252	Start of Injection Solenoid Circ Open / Short to Ground
P1253	Fuel consumption signal Short to ground
P1254	Fuel consumption signal Short to B+
P1255	Engine Coolant Temp.Circ Short to Ground
P1256	Engine Coolant Temp.Circ Open / Short to B+
P1257	Engine Coolant System Valve Open
P1258	Engine Coolant System Valve Short to B+
P1259	Engine Coolant System Valve Short to Ground
P1280	Fuel Inj.Air Contr.Valve Circ. Flow too Low
P1283	Fuel Inj.Air Contr.Valve Circ. Electrical Malfunction
P1284	Fuel Inj.Air Contr.Valve Circ. Open
P1285	Fuel Inj.Air Contr.Valve Circ. Short to Ground
P1286	Fuel Inj.Air Contr.Valve Circ. Short to B+
P1287	Turbocharger bypass valve open
P1288	Turbocharger bypass valve short to B+
P1289	Turbocharger bypass valve short to ground
P1296	Cooling system malfunction
P1297	Connection turbocharger - throttle valve pressure hose
P1300	Misfire detected Reason: Fuel level too low
P1319	Knock Sensor 1 Circ. Short to Ground
P1320	Knock Sensor 2 Circ. Short to Ground
P1321	Knock Sensor 3 Circ. Low Input
P1322	Knock Sensor 3 Circ. High Input
P1323	Knock Sensor 4 Circ. Low Input
P1324	Knock Sensor 4 Circ. High Input
P1325	Cyl.1-Knock Contr. Limit Attained

P1326	Cyl.2-Knock Contr. Limit Attained
P1327	Cyl.3-Knock Contr. Limit Attained
P1328	Cyl.4-Knock Contr. Limit Attained
P1329	Cyl.5-Knock Contr. Limit Attained
P1330	Cyl.6-Knock Contr. Limit Attained
P1331	Cyl.7-Knock Contr. Limit Attained
P1332	Cyl.8-Knock Contr. Limit Attained
P1335	Engine Torque Monitoring 2 Control Limint Exceeded
P1336	Engine Torque Monitoring Adaptation at limit
P1337	Camshaft Pos.Sensor,Bank1 Short to Ground
P1338	Camshaft Pos.Sensor,Bank1 Open Circ. / Short to B+
P1339	Crankshaft Pos. / Engine Speed Sensor Cross Connected
P1340	Crankshaft - / Camshaft Pos.Sens.Signals Out of Sequence
P1341	Ignition Coil Power Output Stage 1 Short to Ground
P1342	Ignition Coil Power Output Stage 1 Short to B+
P1343	Ignition Coil Power Output Stage 2 Short to Ground
P1344	Ignition Coil Power Output Stage 2 Short to B+
P1345	Ignition Coil Power Output Stage 3 Short to Ground
P1346	Ignition Coil Power Output Stage 3 Short to B+
P1347	Bank2,Crankshaft - / Camshaft os.Sens.Sign. Out of Sequence
P1348	Ignition Coil Power Output Stage 1 Open Circuit
P1349	Ignition Coil Power Output Stage 2 Open Circuit
P1350	Ignition Coil Power Output Stage 3 Open Circuit
P1354	Modulation Piston Displ.Sensor Circ. Malfunction
P1355	Cyl. 1, ignition circuit Open Circuit
P1356	Cyl. 1, ignition circuit Short to B+
P1357	Cyl. 1, ignition circuit Short to ground
P1358	Cyl. 2, ignition circuit Open Circuit
P1359	Cyl. 2, ignition circuit Short Circuit to B+
P1360	Cyl. 2, ignition circuit Short Circuit to Ground
P1361	Cyl. 3, ignition circuit Open Circuit
P1362	Cyl. 3, ignition circuit Short Circuit to B+
P1363	Cyl. 3, ignition circuit Short Circuit to ground
P1364	Cyl. 4 ignition circuit Open Circuit
P1365	Cyl. 4 ignition circuit Short circuit to B+
P1366	Cyl. 4 ignition circuit Short circuit to ground

P1367	Cyl. 5, ignition circuit Open Circuit
P1368	Cyl. 5, ignition circuit Short Circuit to B+
P1369	Cyl. 5, ignition circuit short to ground
P1370	Cyl. 6, ignition circuit Open Circuit
P1371	Cyl. 6, ignition circuit Short Circuit to B+
P1372	Cyl. 6, ignition circuit short to ground
P1373	Cyl. 7, ignition circuit Open Circuit
P1374	Cyl. 7, ignition circuit Short Circuit to B+
P1375	Cyl. 7, ignition circuit short to ground
P1376	Cyl. 8, ignition circuit Open Circuit
P1377	Cyl. 8, ignition circuit Short Circuit to B+
P1378	Cyl. 8, ignition circuit short to ground
P1386	Internal Control Module Knock Control Circ.Error
P1387	Internal Contr. Module altitude sensor error
P1388	Internal Contr. Module drive by wire error
P1391	Camshaft Pos.Sensor,Bank2 Short to Ground
P1392	Camshaft Pos.Sensor,Bank2 Open Circ. / Short to B+
P1393	Ignition Coil Power Output Stage 1 Electrical Malfunction
P1394	Ignition Coil Power Output Stage 2 Electrical Malfunction
P1395	Ignition Coil Power Output Stage 3 Electrical Malfunction
P1396	Engine Speed Sensor Missing Tooth
P1397	Engine speed wheel Adaptation limit reached
P1398	Engine RPM signal, TD Short to ground
P1399	Engine RPM signal, TD Short Circuit to B+
P1400	EGR Valve Circ Electrical Malfunction
P1401	EGR Valve Circ Short to Ground
P1402	EGR Valve Circ Short to B+
P1403	EGR Flow Deviation
P1404	EGR Flow Basic Setting not carried out
P1406	EGR Temp.Sensor Range / Performance
P1407	EGR Temp.Sensor Signal too Low
P1408	EGR Temp.Sensor Signal too High
P1409	Tank Ventilation Valve Circ. Electrical Malfunction
P1410	Tank Ventilation Valve Circ. Short to B+
P1411	Sec.Air Inj.Sys.,Bank2 Flow too Flow
P1412	EGR Different.Pressure Sensor Signal too Low

P1413	EGR Different.Pressure Sensor Signal too High
P1414	Sec.Air Inj.Sys.,Bank2 Leak Detected
P1417	Fuel Level Sensor Circ Signal too Low
P1418	Fuel Level Sensor Circ Signal too High
P1420	Sec.Air Inj.Valve Circ Electrical Malfunction
P1421	Sec.Air Inj.Valve Circ Short to Ground
P1422	Sec.Air Inj.Sys.Contr.Valve Circ Short to B+
P1423	Sec.Air Inj.Sys.,Bank1 Flow too Low
P1424	Sec.Air Inj.Sys.,Bank1 Leak Detected
P1425	Tank Vent.Valve Short to Ground
P1426	Tank Vent.Valve Open
P1432	Sec.Air Inj.Valve Open
P1433	Sec.Air Inj.Sys.Pump Relay Circ. open
P1434	Sec.Air Inj.Sys.Pump Relay Circ. Short to B+
P1435	Sec.Air Inj.Sys.Pump Relay Circ. Short to ground
P1436	Sec.Air Inj.Sys.Pump Relay Circ. Electrical Malfunction
P1439	EGR Potentiometer Error in Basic Seting
P1440	EGR Valve Power Stage Open
P1441	EGR Valve Circ Open / Short to Ground
P1442	EGR Valve Position Sensor Signal too high
P1443	EGR Valve Position Sensor Signal too low
P1444	EGR Valve Position Sensor range /performance
P1445	Catalyst Temp.Sensor 2 Circ. Range / Performance
P1446	Catalyst Temp.Circ Short to Ground
P1447	Catalyst Temp.Circ Open / Short to B+
P1448	Catalyst Temp.Sensor 2 Circ. Short to Ground
P1449	Catalyst Temp.Sensor 2 Circ. Open / Short to B+
P1450	Sec.Air Inj.Sys.Circ Short to B+
P1451	Sec.Air Inj.Sys.Circ Short to Ground
P1452	Sec.Air Inj.Sys. Open Circ.
P1453	Exhaust gas temperature sensor 1 open /short to B+
P1454	Exhaust gas temperature sensor short 1 to ground
P1455	Exhaust gas temperature sensor 1 range /performance
P1456	Exhaust gas temperature control bank 1 limit attained
P1457	Exhaust gas temperature sensor 2 open /short to B+
P1458	Exhaust gas temperature sensor 2 short to ground

P1459	Exhaust gas temperature sensor 2 range / performance
P1460	Exhaust gas temperature control bank 2 limit attained
P1461	Exhaust gas temperature control bank 1 Range / Performance
P1462	Exhaust gas temperature control bank 2 Range / Performance
P1465	Additive Pump Short Circuit to B+
P1466	Additive Pump Open / Short to Ground
P1467	EVAP Canister Purge Solenoid Valve Short Circuit to B+
P1468	EVAP Canister Purge Solenoid Valve Short Circuit to Ground
P1469	EVAP Canister Purge Solenoid Valve Open Circuit
P1470	EVAP Emission Contr.LDP Circ Electrical Malfunction
P1471	EVAP Emission Contr.LDP Circ Short to B+
P1472	EVAP Emission Contr.LDP Circ Short to Ground
P1473	EVAP Emission Contr.LDP Circ Open Circ.
P1474	EVAP Canister Purge Solenoid Valve electrical malfunction
P1475	EVAP Emission Contr.LDP Circ Malfunction / Signal Circ.Open
P1476	EVAP Emission Contr.LDP Circ Malfunction / Insufficient Vacuum
P1477	EVAP Emission Contr.LDP Circ Malfunction
P1478	EVAP Emission Contr.LDP Circ Clamped Tube Detected
P1500	Fuel Pump Relay Circ. Electrical Malfunction
P1501	Fuel Pump Relay Circ. Short to Ground
P1502	Fuel Pump Relay Circ. Short to B+
P1503	Load signal from Alternator Term. DF Range / performance / Incorrect Signal
P1504	Intake Air Sys.Bypass Leak Detected
P1505	Closed Throttle Pos. Does Not Close / Open Circ
P1506	Closed Throttle Pos.Switch Does Not Open / Short to Ground
P1507	Idle Sys.Learned Value Lower Limit Attained
P1508	Idle Sys.Learned Value Upper Limit Attained
P1509	Idle Air Control Circ. Electrical Malfunction
P1510	Idle Air Control Circ. Short to B+
P1511	Intake Manifold Changeover Valve circuit electrical malfunction
P1512	Intake Manifold Changeover Valve circuit Short to B+
P1513	Intake Manifold Changeover Valve2 circuit Short to B+
P1514	Intake Manifold Changeover Valve2 circuit Short to ground
P1515	Intake Manifold Changeover Valve circuit Short to Ground
P1516	Intake Manifold Changeover Valve circuit Open
P1517	Main Relay Circ. Electrical Malfunction

P1518	Main Relay Circ. Short to B+
P1519	Intake Camshaft Contr.,Bank1 Malfunction
P1520	Intake Manifold Changeover Valve2 circuit Open
P1521	Intake Manifold Changeover Valve2 circuit electrical malfunction
P1522	Intake Camshaft Contr.,Bank2 Malfunction
P1523	Crash Signal from Airbag Control Unit range / performance
P1525	Intake Camshaft Contr.Circ.,Bank1 Electrical Malfunction
P1526	Intake Camshaft Contr.Circ.,Bank1 Short to B+
P1527	Intake Camshaft Contr.Circ.,Bank1 Short to Ground
P1528	Intake Camshaft Contr.Circ.,Bank1 Open
P1529	Camshaft Control Circuit Short to B+
P1530	Camshaft Control Circuit Short to ground
P1531	Camshaft Control Circuit open
P1533	Intake Camshaft Contr.Circ.,Bank2 Electrical Malfunction
P1534	Intake Camshaft Contr.Circ.,Bank2 Short to B+
P1535	Intake Camshaft Contr.Circ.,Bank2 Short to Ground
P1536	Intake Camshaft Contr.Circ.,Bank2 Open
P1537	Engine Shutoff Solenoid Malfunction
P1538	Engine Shutoff Solenoid Open / Short to Ground
P1539	Clutch Vacuum Vent Valve Switch Incorrect signal
P1540	Vehicle Speed Sensor High Input
P1541	Fuel Pump Relay Circ Open
P1542	Throttle Actuation Potentiometer Range / Performance
P1543	Throttle Actuation Potentiometer Signal too Low
P1544	Throttle Actuation Potentiometer Signal too High
P1545	Throttle Pos.Contr Malfunction
P1546	Boost Pressure Contr.Valve Short to B+
P1547	Boost Pressure Contr.Valve Short to Ground
P1548	Boost Pressure Contr.Valve Open
P1549	Boost Pressure Contr.Valve Short to Ground
P1550	Charge Pressure Deviation
P1551	Barometric Pressure Sensor Circ. Short to B+
P1552	Barometric Pressure Sensor Circ. Open / Short to Ground
P1553	Barometric / manifold pressure signal ratio out of range
P1554	Idle Speed Contr.Throttle Pos. Basic Setting Conditions not met
P1555	Charge Pressure Upper Limit exceeded

P1556	Charge Pressure Contr. Negative Deviation
P1557	Charge Pressure Contr. Positive Deviation
P1558	Throttle Actuator Electrical Malfunction
P1559	Idle Speed Contr.Throttle Pos.Adaptation Malfunction
P1560	Maximum Engine Speed Exceeded
P1561	Quantity Adjuster Deviation
P1562	Quantity Adjuster Upper Limit Attained
P1563	Quantity Adjuster Lower Limit Attained
P1564	Idle Speed Contr.Throttle Pos. Low Voltage During Adaptation
P1565	Idle Speed Control Throttle Position lower limit not attained
P1566	Load signal from A/C compressor range /performance
P1567	Load signal from A/C compressor no signal
P1568	Idle Speed Contr.Throttle Pos. mechanical Malfunction
P1569	Cruise control switch Incorrect signal
P1570	Contr.Module Locked
P1571	Left Eng. Mount Solenoid Valve Short to B+
P1572	Left Eng. Mount Solenoid Valve Short to ground
P1573	Left Eng. Mount Solenoid Valve Open circuit
P1574	Left Eng. Mount Solenoid Valve Electrical fault in circuit
P1575	Right Eng. Mount Solenoid Valve Short to B+
P1576	Right Eng. Mount Solenoid Valve Short to ground
P1577	Right Eng. Mount Solenoid Valve Open circuit
P1578	Right Eng. Mount Solenoid Valve Electrical fault in circuit
P1579	Idle Speed Contr.Throttle Pos. Adaptation not started
P1580	Throttle Actuator B1 Malfunction
P1581	Idle Speed Contr.Throttle Pos. Basic Setting Not Carried Out
P1582	Idle Adaptation at Limit
P1583	Transmission mount valves Short to B+
P1584	Transmission mount valves Short to ground
P1585	Transmission mount valves Open circuit
P1586	Engine mount solenoid valves Short to B+
P1587	Engine mount solenoid valves Short to ground
P1588	Engine mount solenoid valves Open circuit
P1600	Power Supply (B+) Terminal 15 Low Voltage
P1602	Power Supply (B+) Terminal 30 Low Voltage
P1603	Internal Control Module Malfunction

P1604	Internal Control Module Driver Error
P1605	Rough Road / Acceleration Sensor Electrical Malfunction
P1606	Rough Road Spec Engine Torque ABS-ECU Electrical Malfunction
P1607	Vehicle speed signal Error message from instrument cluster
P1608	Steering angle signal Error message from steering angle sensor
P1609	Crash shut-down activated
P1611	MIL Call-up Circ. / Transm.Contr.Module Short to Ground
P1612	Electronic Control Module Incorrect Coding
P1613	MIL Call-up Circ Open / Short to B+
P1614	MIL Call-up Circ. / Transm.Contr.Module Range / Performance
P1615	Engine Oil Temperature Sensor Circuit range / performance
P1616	Glow Plug / Heater Indicator Circ. Short to B+
P1617	Glow Plug / Heater Indicator Circ. Open / Short to Ground
P1618	Glow Plug / Heater Relay Circ. Short to B+
P1619	Glow Plug / Heater Relay Circ. Open / Short to Ground
P1620	Engine coolant temperature signal open / short to B+
P1621	Engine coolant temperature signal short to ground
P1622	Engine coolant temperature signal range / performance
P1623	Data Bus Powertrain No Communication
P1624	MIL Request Sign.active
P1625	Data-Bus Powertrain Unplausible Message from Transm.Contr.
P1626	Data-Bus Powertrain Missing Message from Transm.Contr.
P1627	Data-Bus Powertrain missing message from fuel injection pump
P1628	Data-Bus Powertrain missing message from steering sensor
P1629	Data-Bus Powertrain missing message from distance control
P1630	Accelera.Pedal Pos.Sensor 1 Signal too Low
P1631	Accelera.Pedal Pos.Sensor 1 Signal too High
P1632	Accelera.Pedal Pos.Sensor 1 Power Supply Malfunction
P1633	Accelera.Pedal Pos.Sensor 2 Signal too Low
P1634	Accelera.Pedal Pos.Sensor 2 Signal too High
P1635	Data Bus Powertrain missing message f.air condition control
P1636	Data Bus Powertrain missing message f from Airbag control
P1637	Data Bus Powertrain missing message f.central electr.control
P1638	Data Bus Powertrain missing message from clutch control
P1639	Accelera.Pedal Pos.Sensor 1+2 Range / Performance
P1640	Internal Contr.Module (EEPROM) Error

P1641	Please check DTC Memory of Air Condition ECU
P1642	Please check DTC Memory of Airbag ECU
P1643	Please check DTC Memory of central electric ECU
P1644	Please check DTC Memory of clutch ECU
P1645	Data Bus Powertrain missing message f.all wheel drive contr.
P1646	Please Check DTC Memory of all wheel drive ECU
P1647	Please check coding of ECUs in Data Bus Powertrain
P1648	Data Bus Powertrain Malfunction
P1649	Data Bus Powertrain Missing message from ABS Control Module
P1650	Data Bus Powertrain Missing message fr.instrument panel ECU
P1651	Data Bus Powertrain missing messages
P1652	Please check DTC Memory of transmission ECU
P1653	Please check DTC Memory of ABS Control Module
P1654	Please check DTC Memory of control panel ECU
P1655	Please check DTC Memory of ADR Control Module
P1656	A/C clutch relay circuit short to ground
P1657	A/C clutch relay circuit short to B+
P1658	Data Bus Powertrain Incorrect signal from ADR Control Module
P1676	Drive by Wire-MIL Circ. Electrical Malfunction
P1677	Drive by Wire-MIL Circ. Short to B+
P1678	Drive by Wire-MIL Circ. Short to Ground
P1679	Drive by Wire-MIL Circ. Open
P1681	Contr.Unit Programming, Programming not Finished
P1684	Contr.Unit Programming Communication Error
P1686	Contr.Unit Error Programming Error
P1690	Malfunction Indication Light Malfunction
P1691	Malfunction Indication Light Open
P1692	Malfunction Indication Light Short to Ground
P1693	Malfunction Indication Light Short to B+
P1694	Malfunction Indication Light Open/Short to Ground
P1704	Kick Down Switch Malfunction
P1705	Gear /Ratio Monitoring Adaptation limit reached
P1711	Wheel Speed Signal 1 Range /Performance
P1716	Wheel Speed Signal 2 Range /Performance
P1721	Wheel Speed Signal 3 Range /Performance
P1723	Starter Interlock Circ. Open

P1724	Starter Interlock Circ. Short to Ground
P1726	Wheel Speed Signal 4 Range / Performance
P1728	Different Wheel Speed Signals Range / Performance
P1729	Starter Interlock Circ. Short to B+
P1733	Tiptronic Switch Down Circ. Short to Ground
P1739	Tiptronic Switch up Circ. Short to Ground
P1740	Clutch temperature control
P1741	Clutch pressure adaptation at limit
P1742	Clutch torque adaptation at limit
P1743	Clutch slip control signal too high
P1744	Tiptronic Switch Recognition Circ. Short to Ground
P1745	Transm.Contr.Unit Relay Short to B+
P1746	Transm.Contr.Unit Relay Malfunction
P1747	Transm.Contr.Unit Relay Open / Short to Ground
P1748	Transm.Contr.Unit Self-Check
P1749	Transm.Contr.Unit Incorrect Coded
P1750	Power Supply Voltage Low Voltage
P1751	Power Supply Voltage High Voltage
P1752	Power Supply Malfunction
P1760	Shift Lock Malfunction
P1761	Shift Lock Short to Ground
P1762	Shift Lock Short to B+
P1763	Shift Lock Open
P1764	Transmission temperature control
P1765	Hydraulic Pressure Sensor 2 adaptation at limit
P1766	Throttle Angle Signal Stuck Off
P1767	Throttle Angle Signal Stuck On
P1768	Hydraulic Pressure Sensor 2 Too High
P1769	Hydraulic Pressure Sensor 2 Too Low
P1770	Load Signal Range / Performance
P1771	Load Signal Stuck Off
P1772	Load Signal Stuck On
P1773	Hydraulic Pressure Sensor 1 Too High
P1774	Hydraulic Pressure Sensor 1 Too Low
P1775	Hydraulic Pressure Sensor 1 adaptation at limit
P1776	Hydraulic Pressure Sensor 1 range / performance

P1777	Hydraulic Pressure Sensor 2 range / performance
P1778	Solenoid EV7 Electrical Malfunction
P1781	Engine Torque Reduction Open / Short to Ground
P1782	Engine Torque Reduction Short to B+
P1784	Shift up / down Wire Open / Short to Ground
P1785	Shift up / down Wire Short to B+
P1786	Reversing Light Circ. Open
P1787	Reversing Light Circ. Short to Ground
P1788	Reversing Light Circ. Short to B+
P1789	Idle Speed Intervention Circ. Error Message from Engine Contr.
P1790	Transmission Range Display Circ. Open
P1791	Transmission Range Display Circ. Short to Ground
P1792	Transmission Range Display Circ. Short to B+
P1793	Output Speed Sensor 2 Circ. No Signal
P1795	Vehicle Speed Signal Circ. Open
P1796	Vehicle Speed Signal Circ. Short to Ground
P1797	Vehicle Speed Signal Circ. Short to B+
P1798	Output Speed Sensor 2 Circ. Range / Performance
P1799	Output Speed Sensor 2 Circ. Rpm too High
P1813	Pressure Contr.Solenoid 1 Electrical
P1814	Pressure Contr.Solenoid 1 Open / Short to Ground
P1815	Pressure Contr.Solenoid 1 Short to B+
P1818	Pressure Contr.Solenoid 2 Electrical
P1819	Pressure Contr.Solenoid 2 Open / Short to Ground
P1820	Pressure Contr.Solenoid 2 Short to B+
P1823	Pressure Contr.Solenoid 3 Electrical
P1824	Pressure Contr.Solenoid 3 Open / Short to Ground
P1825	Pressure Contr.Solenoid 3 Short to B+
P1828	Pressure Contr.Solenoid 4 Electrical
P1829	Pressure Contr.Solenoid 4 Open / Short to Ground
P1830	Pressure Contr.Solenoid 4 Short to B+
P1834	Pressure Contr.Solenoid 5 Open / Short to Ground
P1835	Pressure Contr.Solenoid 5 Short to B+
P1841	Engine / Transmission Control Modules Versions do not match
P1842	Please check DTC Memory of instrument panel ECU
P1843	Please check DTC Memory of ADR Control Module

P1844	Please check DTC Memory of central electric control ECU
P1847	Please check DTC Memory of brake system ECU
P1848	Please check DTC Memory of engine ECU
P1849	Please check DTC Memory of transmission ECU
P1850	Data-Bus Powertrain Missing Message from Engine Contr.
P1851	Data-Bus Powertrain Missing Message from Brake Contr.
P1852	Data-Bus Powertrain Unplausible Message from Engine Contr.
P1853	Data-Bus Powertrain Unplausible Message from Brake Contr.
P1854	Data-Bus Powertrain Hardware Defective
P1855	Data-Bus Powertrain Software version Contr.
P1856	Throttle / Pedal Pos.Sensor A Circ. Error Message from Engine Contr.
P1857	Load Signal Error Message from Engine Contr.
P1858	Engine Speed Input Circ. Error Message from Engine Contr.
P1859	Brake Switch Circ. Error Message from Engine Contr.
P1860	Kick Down Switch Error Message from Engine Contr.
P1861	Throttle Position (TP) sensor Error Message from ECM
P1862	Data Bus Powertrain Missing message from instr. panel ECU
P1863	Data Bus Powertrain Missing Message from St. Angle Sensor
P1864	Data Bus Powertrain Missing message from ADR control module
P1865	Data Bus Powertrain Missing message from central electronics
P1866	Data Bus Powertrain Missing messages