

CHEVROLET OBD2 TROUBLE CODES

Compiled by DBDCodeX



| Codes | Definition | |
|----------------|--|--|
| B0000 | ISO/SAE Reserved | |
| B0005 | Collapsible Steering Column Deployment Control (Subfault) | |
| B0006 | ISO/SAE Reserved | |
| B0007 | ISO/SAE Reserved | |
| B0008 | ISO/SAE Reserved | |
| B0009 | ISO/SAE Reserved | |
| B000A | ISO/SAE Reserved | |
| B000B | ISO/SAE Reserved | |
| B000C | ISO/SAE Reserved | |
| B000D | ISO/SAE Reserved | |
| B000E | ISO/SAE Reserved | |
| B000F | ISO/SAE Reserved | |
| B0012 | Passenger Frontal Stage 3 Deployment Control (Subfault) | |
| B0013 | Passenger Knee Bolster Deployment Control (Subfault) | |
| B0014 | ISO/SAE Reserved | |
| B0015 | ISO/SAE Reserved | |
| B0016 | ISO/SAE Reserved | |
| B0017 | ISO/SAE Reserved | |
| B0018 | ISO/SAE Reserved | |
| B0019 | ISO/SAE Reserved | |
| B001A | ISO/SAE Reserved | |
| B001B | ISO/SAE Reserved | |
| B001C | ISO/SAE Reserved | |
| B001D | ISO/SAE Reserved | |
| B001E | ISO/SAE Reserved | |
| B001F | ISO/SAE Reserved | |
| B0020 | Left Side Airbag Deployment Control (Subfault) | |
| B0021 | Left Curtain Deployment Control 1 (Subfault) | |
| B0022 B0023 | Left Curtain Deployment Control 2 (Subfault) ISO/SAE Reserved | |
| В0023 В0024 | ISO/SAE Reserved ISO/SAE Reserved | |
| B0024 B0025 | ISO/SAE Reserved ISO/SAE Reserved | |
| B0025 B0026 | ISO/SAE Reserved | |
| B0020 B0027 | ISO/SAE Reserved | |
| B0027 | Right Side Airbag Deployment Control (Subfault) | |
| B0029 | Right Curtain Deployment Control 1 (Subfault) | |
| B002A | Right Curtain Deployment Control 2 (Subfault) | |
| B002B | ISO/SAE Reserved | |
| B002C | ISO/SAE Reserved | |
| B002D | ISO/SAE Reserved | |
| B002E | ISO/SAE Reserved | |
| B002F | ISO/SAE Reserved | |
| B0030 | Second Row Left Side Airbag Deployment Control (Subfault) | |
| B0031 | Second Row Left Frontal Stage 1 Deployment Control (Subfault) | |
| | | |



| Codes | Definition | |
|----------------|--|--|
| B0032 | Second Row Left Frontal Stage 2 Deployment Control (Subfault) | |
| B0033 | Second Row Left Frontal Stage 3 Deployment Control (Subfault) | |
| B0034 | ISO/SAE Reserved | |
| B0035 | ISO/SAE Reserved | |
| B0036 | ISO/SAE Reserved | |
| B0037 | ISO/SAE Reserved | |
| B0038 | Second Row Right Side Airbag Deployment Control (Subfault) | |
| B0039 | Second Row Right Frontal Stage 1 Deployment Control (Subfault) | |
| B003A | Second Row Right Frontal Stage 2 Deployment Control (Subfault) | |
| B003B | Second Row Right Frontal Stage 3 Deployment Control (Subfault) | |
| B003C | ISO/SAE Reserved | |
| B003D | ISO/SAE Reserved | |
| B003E | ISO/SAE Reserved | |
| B003F | ISO/SAE Reserved | |
| B0040 | Third Row Left Side Airbag Deployment Control (Subfault) | |
| B0041 | Third Row Left Frontal Stage 1 Deployment Control (Subfault) | |
| B0042 | Third Row Left Frontal Stage 2 Deployment Control (Subfault) | |
| B0043 | Third Row Left Frontal Stage 3 Deployment Control (Subfault) | |
| B0044 | ISO/SAE Reserved | |
| B0045 | ISO/SAE Reserved | |
| B0046 | ISO/SAE Reserved | |
| B0047 | ISO/SAE Reserved | |
| B0048 | Third Row Right Side Airbag Deployment Control (Subfault) | |
| B0049 | Third Row Right Frontal Stage 1 Deployment Control (Subfault) | |
| B004A | Third Row Right Frontal Stage 2 Deployment Control (Subfault) | |
| B004B | Third Row Right Frontal Stage 3 Deployment Control (Subfault) | |
| B004C | ISO/SAE Reserved | |
| B004D | ISO/SAE Reserved | |
| B004E | ISO/SAE Reserved | |
| B004F | ISO/SAE Reserved | |
| B0051 | First Row Center Seatbelt Sensor (Subfault) | |
| B0052 | Passenger Seatbelt Sensor (Subfault) | |
| B0053 | Second Row Left Seatbelt Sensor (Subfault) | |
| B0054 | Second Row Center Seatbelt Sensor (Subfault) | |
| B0055 | Second Row Right Seatbelt Sensor (Subfault) | |
| B0056 | Third Row Left Seatbelt Sensor (Subfault) | |
| B0057 B0058 | Third Row Center Seatbelt Sensor (Subfault) | |
| D0030 | Third Row Right Seatbelt Sensor (Subfault) Right Front/Passenger Pretensioner Deployment Loop Voltage | |
| B0059 | Out of Range | |
| B005A | ISO/SAE Reserved | |
| B005B | ISO/SAE Reserved | |
| B005C | ISO/SAE Reserved | |
| B005D | ISO/SAE Reserved | |
| 20001 | | |



| Codes | Definition |
|--------------|--|
| B005E | ISO/SAE Reserved |
| B005F | ISO/SAE Reserved |
| B0061 | Passenger Seatbelt Tension Sensor (Subfault) |
| B0062 | ISO/SAE Reserved |
| B0063 | ISO/SAE Reserved |
| B0064 | ISO/SAE Reserved |
| B0065 | ISO/SAE Reserved |
| B0066 | ISO/SAE Reserved |
| B0067 | ISO/SAE Reserved |
| B0068 | ISO/SAE Reserved |
| B0069 | ISO/SAE Reserved |
| B006A | ISO/SAE Reserved |
| B006B | ISO/SAE Reserved |
| B006C | ISO/SAE Reserved |
| B006D | ISO/SAE Reserved |
| B006E | ISO/SAE Reserved |
| B006F | ISO/SAE Reserved |
| B0070 | Driver Seatbelt Pretensioner "A" Deployment Control (Subfault) |
| B0071 | First Row Center Seatbelt Pretensioner Deployment Control (Subfault) |
| B0073 | Second Row Left Seatbelt Pretensioner Deployment Control (Subfault) |
| B0074 | Second Row Center Seatbelt Pretensioner Deployment Control (Subfault) |
| B0075 | Second Row Right Seatbelt Pretensioner Deployment Control (Subfault) |
| B0076 | Third Row Left Seatbelt Pretensioner Deployment Control (Subfault) |
| B0077 | Third Row Center Seatbelt Pretensioner Deployment Control (Subfault) |
| B0078 | Third Row Right Seatbelt Pretensioner Deployment Control (Subfault) |
| B0079 | Driver Seatbelt Pretensioner "B" Deployment Control (Subfault) |
| B007A | Passenger Seatbelt Pretensioner "B" Deployment Control (Subfault) |
| B007B | Second Row Left Seatbelt Pretensioner "B" Deployment Control (Subfault) |
| B007C | Second Row Right Seatbelt Pretensioner "B" Deployment Control (Subfault) |
| B007D | Second Row Center Seatbelt Pretensioner "B" Deployment Control (Subfault) |
| B0080 | Driver Seatbelt Load Limiter Deployment Control (Subfault) |
| B0081 | First Row Center Seatbelt Load Limiter Deployment Control (Subfault) |
| B0082 | Passenger Seatbelt Load Limiter Deployment Control (Subfault) |



| Codes | Definition | |
|----------------|--|--|
| B0083 | Second Row Left Seatbelt Load Limiter Deployment Control (Subfault) | |
| B0084 | Second Row Center Seatbelt Load Limiter Deployment Control (Subfault) | |
| B0085 | Second Row Right Seatbelt Load Limiter Deployment Control (Subfault) | |
| B0086 | Third Row Left Seatbelt Load Limiter Deployment Control (Subfault) | |
| B0087 | Third Row Center Seatbelt Load Limiter Deployment Control (Subfault) | |
| B0088 | Third Row Right Seatbelt Load Limiter Deployment Control (Subfault) | |
| B0089 | ISO/SAE Reserved | |
| B008A | ISO/SAE Reserved | |
| B008B | ISO/SAE Reserved | |
| B008C | ISO/SAE Reserved | |
| B008D | ISO/SAE Reserved | |
| B008E | ISO/SAE Reserved | |
| B008F | ISO/SAE Reserved | |
| B0090 | Left Frontal Restraints Sensor (Subfault) | |
| B0091 | Left Side Restraints Sensor 1 (Subfault) | |
| B0092 | Left Side Restraints Sensor 2 (Subfault) | |
| B0093 | Left Side Restraints Sensor 3 (Subfault) | |
| B0098 | Right Side Restraints Sensor 3 (Subfault) | |
| B0099 | Roll Over Sensor (Subfault) | |
| B009B | Left Side Restraints Sensor 5 (Subfault) | |
| B009C B009E | Left Side Restraints Sensor 6 (Subfault) | |
| B009E B009F | Right Side Restraints Sensor 5 (Subfault) | |
| | Right Side Restraints Sensor 6 (Subfault) Occupant Position System (Subfault) | |
| B00A1 B00A2 | ISO/SAE Reserved | |
| B00A2 B00A3 | ISO/SAE Reserved | |
| B00A4 | ISO/SAE Reserved | |
| B00A5 | ISO/SAE Reserved | |
| B00A6 | ISO/SAE Reserved | |
| B00A7 | ISO/SAE Reserved | |
| B00A8 | ISO/SAE Reserved | |
| B00A9 | ISO/SAE Reserved | |
| BOOAA | ISO/SAE Reserved | |
| BOOAB | ISO/SAE Reserved | |
| BOOAC | ISO/SAE Reserved | |
| B00AD | ISO/SAE Reserved | |
| BOOAE | ISO/SAE Reserved | |
| BOOAF | ISO/SAE Reserved | |
| B00B0 | Driver Seat Occupant Classification Sensor "A" (Subfault) | |



| Codes | Definition |
|-------|--|
| B00B1 | Driver Seat Occupant Classification Sensor "B" (Subfault) |
| B00B2 | Driver Seat Occupant Classification Sensor "C" (Subfault) |
| B00B3 | Driver Seat Occupant Classification Sensor "D" (Subfault) |
| B00B4 | Driver Seat Occupant Classification Sensor "E" (Subfault) |
| B00B6 | Driver Seat Recline Position Restraints Sensor (Subfault) |
| B00B7 | Driver Seat Occupant Position Sensor "A" (Subfault) |
| B00B8 | Driver Seat Occupant Position Sensor "B" (Subfault) |
| B00B9 | Driver Seat Occupant Position Sensor "C" (Subfault) |
| BOOBA | Driver Seat Occupant Position Sensor "D" (Subfault) |
| B00BB | Driver Seat Occupant Position Sensor "E" (Subfault) |
| B00BC | ISO/SAE Reserved |
| B00BD | ISO/SAE Reserved |
| B00BE | ISO/SAE Reserved |
| B00BF | ISO/SAE Reserved |
| B00C2 | Passenger Seat Occupant Classification Sensor "C" (Subfault) |
| B00C3 | Passenger Seat Occupant Classification Sensor "D" (Subfault) |
| B00C4 | Passenger Seat Occupant Classification Sensor "E" (Subfault) |
| B00C6 | Passenger Seat Recline Position Restraints Sensor (Subfault) |
| B00C7 | Passenger Seat Occupant Position Sensor "A" (Subfault) |
| B00C8 | Passenger Seat Occupant Position Sensor "B" (Subfault) |
| B00C9 | Passenger Seat Occupant Position Sensor "C" (Subfault) |
| BOOCA | Passenger Seat Occupant Position Sensor "D" (Subfault) |
| BOOCB | Passenger Seat Occupant Position Sensor "E" (Subfault) |
| BOOCC | ISO/SAE Reserved |
| B00CD | ISO/SAE Reserved |
| BOOCE | ISO/SAE Reserved |
| BOOCF | ISO/SAE Reserved |
| B00D0 | Driver Seatbelt Indicator (Subfault) |
| B00D1 | Passenger Seatbelt Indicator (Subfault) |
| B00D7 | ISO/SAE Reserved |
| B00D8 | ISO/SAE Reserved |
| B00D9 | ISO/SAE Reserved |
| BOODA | ISO/SAE Reserved |
| BOODB | ISO/SAE Reserved |
| BOODC | ISO/SAE Reserved |
| BOODD | ISO/SAE Reserved |
| BOODE | ISO/SAE Reserved |
| B00E0 | Third Row Left Seatbelt Pretensioner "B" Deployment Control (Subfault) |
| B00E1 | Third Row Right Seatbelt Pretensioner "B" Deployment Control (Subfault) |
| B00E2 | Third Row Center Seatbelt Pretensioner "B" Deployment Control (Subfault) |
| B00E3 | Second Row Left Seatbelt Pretensioner "C" Deployment Control (Subfault) |



| Codes | Definition | |
|----------------|--|--|
| B00E4 | Second Row Right Seatbelt Pretensioner "C" Deployment Control (Subfault) | |
| B00E5 | Second Row Center Seatbelt Pretensioner "C" Deployment Control (Subfault) | |
| B00E6 | Third Row Right Seatbelt Pretensioner "C" Deployment Control (Subfault) | |
| B00E7 | Third Row Left Seatbelt Pretensioner "C" Deployment Control (Subfault) | |
| B00E8 | Third Row Center Seatbelt Pretensioner "C" Deployment Control (Subfault) | |
| B00E9 | ISO/SAE Reserved | |
| B00F1 | ISO/SAE Reserved | |
| B00F2 | ISO/SAE Reserved | |
| B00F3 | ISO/SAE Reserved | |
| B00F4 | ISO/SAE Reserved | |
| B00F5 | ISO/SAE Reserved | |
| B00F6 | ISO/SAE Reserved | |
| B00F7 | ISO/SAE Reserved | |
| B00F8 | ISO/SAE Reserved | |
| B00F9 | ISO/SAE Reserved | |
| BOOFA | ISO/SAE Reserved | |
| BOOFB | ISO/SAE Reserved | |
| B00FC | ISO/SAE Reserved | |
| B00FD B00FE | ISO/SAE Reserved | |
| B00FE B00FF | ISO/SAE Reserved ISO/SAE Reserved | |
| B0100 | ISO/SAE Reserved | |
| B0100 B0101 | ISO/SAE Reserved | |
| B0101 B0102 | ISO/SAE Reserved | |
| B0102 B0103 | ISO/SAE Reserved | |
| B0104 | ISO/SAE Reserved | |
| B0105 | ISO/SAE Reserved | |
| B0106 | ISO/SAE Reserved | |
| B0107 | ISO/SAE Reserved | |
| B0108 | ISO/SAE Reserved | |
| B0109 | ISO/SAE Reserved | |
| B010A | ISO/SAE Reserved | |
| B010B | ISO/SAE Reserved | |
| B010C | ISO/SAE Reserved | |
| B010D | ISO/SAE Reserved | |
| B010E | ISO/SAE Reserved | |
| B010F | ISO/SAE Reserved | |
| B0110 | ISO/SAE Reserved | |
| B0111 | ISO/SAE Reserved | |
| B0112 | ISO/SAE Reserved | |



| Codes | |
|----------------|--------------------------------------|
| B0113 | ISO/SAE Reserved |
| B0114 | ISO/SAE Reserved |
| B0115 | ISO/SAE Reserved |
| B0116 | ISO/SAE Reserved |
| B0117 | ISO/SAE Reserved |
| B0118 | ISO/SAE Reserved |
| B0119 | ISO/SAE Reserved |
| B011A | ISO/SAE Reserved |
| B011B | ISO/SAE Reserved |
| B011C | ISO/SAE Reserved |
| B011D | ISO/SAE Reserved |
| B011E | ISO/SAE Reserved |
| B011F | ISO/SAE Reserved |
| B0120 | ISO/SAE Reserved |
| B0121 | ISO/SAE Reserved |
| B0122 | ISO/SAE Reserved |
| B0123 | ISO/SAE Reserved |
| B0124 | ISO/SAE Reserved |
| B0125 | ISO/SAE Reserved |
| B0126 | ISO/SAE Reserved |
| B0127 B0128 | ISO/SAE Reserved |
| B0128 B0129 | ISO/SAE Reserved ISO/SAE Reserved |
| B0129 B012B | ISO/SAE Reserved |
| B012D B012C | ISO/SAE Reserved |
| B0120 B012D | ISO/SAE Reserved |
| B012E | ISO/SAE Reserved |
| B012F | ISO/SAE Reserved |
| B0130 | ISO/SAE Reserved |
| B0131 | ISO/SAE Reserved |
| B0132 | ISO/SAE Reserved |
| B0133 | ISO/SAE Reserved |
| B0134 | ISO/SAE Reserved |
| B0135 | ISO/SAE Reserved |
| B0136 | ISO/SAE Reserved |
| B0137 | ISO/SAE Reserved |
| B0138 | ISO/SAE Reserved |
| B0139 | ISO/SAE Reserved |
| B013A | ISO/SAE Reserved |
| B013B | ISO/SAE Reserved |
| B013C | ISO/SAE Reserved |
| B013D | ISO/SAE Reserved |
| B013E | ISO/SAE Reserved |
| B013F | ISO/SAE Reserved |

| Codes | |
|----------------|--------------------------------------|
| B0140 | ISO/SAE Reserved |
| B0141 | ISO/SAE Reserved |
| B0142 | ISO/SAE Reserved |
| B0143 | ISO/SAE Reserved |
| B0144 | ISO/SAE Reserved |
| B0145 | ISO/SAE Reserved |
| B0146 | ISO/SAE Reserved |
| B0147 | ISO/SAE Reserved |
| B0148 | ISO/SAE Reserved |
| B0149 | ISO/SAE Reserved |
| B014A | ISO/SAE Reserved |
| B014B | ISO/SAE Reserved |
| B014C | ISO/SAE Reserved |
| B014D | ISO/SAE Reserved |
| B014E | ISO/SAE Reserved |
| B014F | ISO/SAE Reserved |
| B0150 | ISO/SAE Reserved |
| B0151 | ISO/SAE Reserved |
| B0152 | ISO/SAE Reserved |
| B0153 | ISO/SAE Reserved |
| B0154 | ISO/SAE Reserved |
| B0155 | ISO/SAE Reserved |
| B0156 | ISO/SAE Reserved |
| B0158 | ISO/SAE Reserved |
| B0159 | ISO/SAE Reserved |
| B015A | ISO/SAE Reserved |
| B015B | ISO/SAE Reserved |
| B015C B015D | ISO/SAE Reserved |
| B015D B015E | ISO/SAE Reserved ISO/SAE Reserved |
| B015E B015F | ISO/SAE Reserved |
| B0151 B0160 | ISO/SAE Reserved |
| B0100 B0161 | ISO/SAE Reserved |
| B0162 | ISO/SAE Reserved |
| B0163 | ISO/SAE Reserved |
| B0164 | ISO/SAE Reserved |
| B0165 | ISO/SAE Reserved |
| B0166 | ISO/SAE Reserved |
| B0167 | ISO/SAE Reserved |
| B0168 | ISO/SAE Reserved |
| B0169 | ISO/SAE Reserved |
| B016A | ISO/SAE Reserved |
| B016B | ISO/SAE Reserved |
| B016C | ISO/SAE Reserved |
| | |



| Codes | |
|----------------|--------------------------------------|
| B016D | ISO/SAE Reserved |
| B016E | ISO/SAE Reserved |
| B016F | ISO/SAE Reserved |
| B0170 | ISO/SAE Reserved |
| B0171 | ISO/SAE Reserved |
| B0172 | ISO/SAE Reserved |
| B0173 | ISO/SAE Reserved |
| B0174 | ISO/SAE Reserved |
| B0175 | ISO/SAE Reserved |
| B0176 | ISO/SAE Reserved |
| B0177 | ISO/SAE Reserved |
| B0178 | ISO/SAE Reserved |
| B0179 | ISO/SAE Reserved |
| B017A | ISO/SAE Reserved |
| B017B | ISO/SAE Reserved |
| B017C | ISO/SAE Reserved |
| B017D | ISO/SAE Reserved |
| B017E | ISO/SAE Reserved |
| B017F | ISO/SAE Reserved |
| B0180 | ISO/SAE Reserved |
| B0181 B0182 | ISO/SAE Reserved ISO/SAE Reserved |
| B0182 B0183 | ISO/SAE Reserved |
| B0185 B0184 | ISO/SAE Reserved |
| B0185 | ISO/SAE Reserved |
| B0186 | ISO/SAE Reserved |
| B0187 | ISO/SAE Reserved |
| B0188 | ISO/SAE Reserved |
| B0189 | ISO/SAE Reserved |
| B018A | ISO/SAE Reserved |
| B018B | ISO/SAE Reserved |
| B018C | ISO/SAE Reserved |
| B018D | ISO/SAE Reserved |
| B018E | ISO/SAE Reserved |
| B018F | ISO/SAE Reserved |
| B0190 | ISO/SAE Reserved |
| B0191 | ISO/SAE Reserved |
| B0193 | ISO/SAE Reserved |
| B0194 | ISO/SAE Reserved |
| B0195 | ISO/SAE Reserved |
| B0196 | ISO/SAE Reserved |
| B0197 | ISO/SAE Reserved |
| B0198 | ISO/SAE Reserved |
| B0199 | ISO/SAE Reserved |

| Codes | |
|----------------|--------------------------------------|
| B019A | ISO/SAE Reserved |
| B019B | ISO/SAE Reserved |
| B019C | ISO/SAE Reserved |
| B019D | ISO/SAE Reserved |
| B019E | ISO/SAE Reserved |
| B019F | ISO/SAE Reserved |
| B0200 | ISO/SAE Reserved |
| B0201 | ISO/SAE Reserved |
| B0202 | ISO/SAE Reserved |
| B0203 | ISO/SAE Reserved |
| B0204 | ISO/SAE Reserved |
| B0205 | ISO/SAE Reserved |
| B0206 | ISO/SAE Reserved |
| B0207 | ISO/SAE Reserved |
| B0208 | ISO/SAE Reserved |
| B0209 | ISO/SAE Reserved |
| B020A | ISO/SAE Reserved |
| B020B | ISO/SAE Reserved |
| B020C | ISO/SAE Reserved |
| B020D | ISO/SAE Reserved |
| B020E | ISO/SAE Reserved |
| B020F | ISO/SAE Reserved |
| B0210 | ISO/SAE Reserved |
| B0211 | ISO/SAE Reserved |
| B0212 | ISO/SAE Reserved |
| B0213 | ISO/SAE Reserved |
| B0214 | ISO/SAE Reserved |
| B0215 | ISO/SAE Reserved |
| B0216 B0217 | ISO/SAE Reserved ISO/SAE Reserved |
| B0217 B0218 | ISO/SAE Reserved |
| B0210 B0219 | ISO/SAE Reserved |
| B0219 B021A | ISO/SAE Reserved |
| B021R B021B | ISO/SAE Reserved |
| B021D B021C | ISO/SAE Reserved |
| B021D | ISO/SAE Reserved |
| B021E | ISO/SAE Reserved |
| B021F | ISO/SAE Reserved |
| B0220 | ISO/SAE Reserved |
| B0221 | ISO/SAE Reserved |
| B0222 | ISO/SAE Reserved |
| B0223 | ISO/SAE Reserved |
| B0224 | ISO/SAE Reserved |
| B0225 | ISO/SAE Reserved |
| | |

| Codes | |
|----------------|--------------------------------------|
| B0226 | ISO/SAE Reserved |
| B0227 | ISO/SAE Reserved |
| B0228 | ISO/SAE Reserved |
| B0229 | ISO/SAE Reserved |
| B022A | ISO/SAE Reserved |
| B022B | ISO/SAE Reserved |
| B022C | ISO/SAE Reserved |
| B022D | ISO/SAE Reserved |
| B022E | ISO/SAE Reserved |
| B022F | ISO/SAE Reserved |
| B0230 | ISO/SAE Reserved |
| B0231 | ISO/SAE Reserved |
| B0232 | ISO/SAE Reserved |
| B0233 | ISO/SAE Reserved |
| B0234 | ISO/SAE Reserved |
| B0235 | ISO/SAE Reserved |
| B0236 | ISO/SAE Reserved |
| B0237 | ISO/SAE Reserved |
| B0238 | ISO/SAE Reserved |
| B0239 | ISO/SAE Reserved |
| B023A | ISO/SAE Reserved |
| B023B | ISO/SAE Reserved |
| B023C | ISO/SAE Reserved |
| B023D | ISO/SAE Reserved |
| B023E | ISO/SAE Reserved |
| B023F | ISO/SAE Reserved |
| B0240 | ISO/SAE Reserved |
| B0241 | ISO/SAE Reserved |
| B0242 | ISO/SAE Reserved |
| B0243 B0244 | ISO/SAE Reserved |
| B0244 B0245 | ISO/SAE Reserved ISO/SAE Reserved |
| B0245 B0246 | ISO/SAE Reserved |
| B0240 B0247 | ISO/SAE Reserved |
| B0247 B0248 | ISO/SAE Reserved |
| B0249 | ISO/SAE Reserved |
| B0245 B024A | ISO/SAE Reserved |
| B024B | ISO/SAE Reserved |
| B024C | ISO/SAE Reserved |
| B024D | ISO/SAE Reserved |
| B024E | ISO/SAE Reserved |
| B024F | ISO/SAE Reserved |
| B0250 | ISO/SAE Reserved |
| B0251 | ISO/SAE Reserved |
| | - |

| Codes | |
|----------------|--------------------------------------|
| B0252 | ISO/SAE Reserved |
| B0253 | ISO/SAE Reserved |
| B0254 | ISO/SAE Reserved |
| B0255 | ISO/SAE Reserved |
| B0256 | ISO/SAE Reserved |
| B0257 | ISO/SAE Reserved |
| B0258 | ISO/SAE Reserved |
| B0259 | ISO/SAE Reserved |
| B025A | ISO/SAE Reserved |
| B025B | ISO/SAE Reserved |
| B025C | ISO/SAE Reserved |
| B025D | ISO/SAE Reserved |
| B025E | ISO/SAE Reserved |
| B025F | ISO/SAE Reserved |
| B0260 | ISO/SAE Reserved |
| B0261 | ISO/SAE Reserved |
| B0262 | ISO/SAE Reserved |
| B0263 | ISO/SAE Reserved |
| B0264 | ISO/SAE Reserved |
| B0265 | ISO/SAE Reserved |
| B0266 | ISO/SAE Reserved |
| B0267 | ISO/SAE Reserved |
| B0268 | ISO/SAE Reserved |
| B0269 | ISO/SAE Reserved |
| B026A | ISO/SAE Reserved |
| B026B | ISO/SAE Reserved |
| B026C | ISO/SAE Reserved |
| B026D | ISO/SAE Reserved |
| B026E | ISO/SAE Reserved |
| B026F | ISO/SAE Reserved |
| B0270 B0271 | ISO/SAE Reserved ISO/SAE Reserved |
| B0271 B0272 | ISO/SAE Reserved |
| B0272 B0273 | ISO/SAE Reserved |
| B0273 B0274 | ISO/SAE Reserved |
| B0274 B0275 | ISO/SAE Reserved |
| B0275 B0276 | ISO/SAE Reserved |
| B0270 B0277 | ISO/SAE Reserved |
| B0278 | ISO/SAE Reserved |
| B0279 | ISO/SAE Reserved |
| B027A | ISO/SAE Reserved |
| B027B | ISO/SAE Reserved |
| B027C | ISO/SAE Reserved |
| B027D | ISO/SAE Reserved |
| | , 100001104 |

| Codes | |
|----------------|--------------------------------------|
| B027E | ISO/SAE Reserved |
| B027F | ISO/SAE Reserved |
| B0280 | ISO/SAE Reserved |
| B0281 | ISO/SAE Reserved |
| B0282 | ISO/SAE Reserved |
| B0283 | ISO/SAE Reserved |
| B0284 | ISO/SAE Reserved |
| B0285 | ISO/SAE Reserved |
| B0286 | ISO/SAE Reserved |
| B0287 | ISO/SAE Reserved |
| B0288 | ISO/SAE Reserved |
| B0289 | ISO/SAE Reserved |
| B028A | ISO/SAE Reserved |
| B028B | ISO/SAE Reserved |
| B028C | ISO/SAE Reserved |
| B028D | ISO/SAE Reserved |
| B028E | ISO/SAE Reserved |
| B028F | ISO/SAE Reserved |
| B0290 | ISO/SAE Reserved |
| B0291 | ISO/SAE Reserved |
| B0292 | ISO/SAE Reserved |
| B0293 | ISO/SAE Reserved |
| B0294 | ISO/SAE Reserved |
| B0295 | ISO/SAE Reserved |
| B0296 | ISO/SAE Reserved |
| B0297 | ISO/SAE Reserved |
| B0298 | ISO/SAE Reserved |
| B0299 | ISO/SAE Reserved |
| B029A | ISO/SAE Reserved |
| B029B | ISO/SAE Reserved |
| B029C B029D | ISO/SAE Reserved |
| B029D B029E | ISO/SAE Reserved ISO/SAE Reserved |
| B029E B029F | ISO/SAE Reserved |
| B029F B0300 | ISO/SAE Reserved |
| B0301 | ISO/SAE Reserved |
| B0302 | ISO/SAE Reserved |
| B0302 B0303 | ISO/SAE Reserved |
| B0304 | ISO/SAE Reserved |
| B0305 | ISO/SAE Reserved |
| B0306 | ISO/SAE Reserved |
| B0307 | ISO/SAE Reserved |
| B0308 | ISO/SAE Reserved |
| B0309 | ISO/SAE Reserved |
| 10000 | |

| Codes | |
|----------------|--------------------------------------|
| B030A | ISO/SAE Reserved |
| B030B | ISO/SAE Reserved |
| B030C | ISO/SAE Reserved |
| B030D | ISO/SAE Reserved |
| B030E | ISO/SAE Reserved |
| B030F | ISO/SAE Reserved |
| B0310 | ISO/SAE Reserved |
| B0311 | ISO/SAE Reserved |
| B0312 | ISO/SAE Reserved |
| B0313 | ISO/SAE Reserved |
| B0314 | ISO/SAE Reserved |
| B0315 | ISO/SAE Reserved |
| B0316 | ISO/SAE Reserved |
| B0317 | ISO/SAE Reserved |
| B0318 | ISO/SAE Reserved |
| B0319 | ISO/SAE Reserved |
| B031A | ISO/SAE Reserved |
| B031B | ISO/SAE Reserved |
| B031C | ISO/SAE Reserved |
| B031D | ISO/SAE Reserved |
| B031E | ISO/SAE Reserved |
| B031F | ISO/SAE Reserved |
| B0320 | ISO/SAE Reserved |
| B0321 | ISO/SAE Reserved |
| B0322 | ISO/SAE Reserved |
| B0323 | ISO/SAE Reserved |
| B0324 | ISO/SAE Reserved |
| B0325 | ISO/SAE Reserved |
| B0326 | ISO/SAE Reserved |
| B0327 B0328 | ISO/SAE Reserved |
| воз20 Воз29 | ISO/SAE Reserved ISO/SAE Reserved |
| B032A | ISO/SAE Reserved |
| B032B | ISO/SAE Reserved |
| B032C | ISO/SAE Reserved |
| B032D | ISO/SAE Reserved |
| B032E | ISO/SAE Reserved |
| B032F | ISO/SAE Reserved |
| B0330 | ISO/SAE Reserved |
| B0331 | ISO/SAE Reserved |
| B0332 | ISO/SAE Reserved |
| B0333 | ISO/SAE Reserved |
| B0334 | ISO/SAE Reserved |
| B0335 | ISO/SAE Reserved |
| | -, |

| Codes | |
|----------------|--------------------------------------|
| B0336 | ISO/SAE Reserved |
| B0337 | ISO/SAE Reserved |
| B0338 | ISO/SAE Reserved |
| B0339 | ISO/SAE Reserved |
| B033A | ISO/SAE Reserved |
| B033B | ISO/SAE Reserved |
| B033C | ISO/SAE Reserved |
| B033D | ISO/SAE Reserved |
| B033E | ISO/SAE Reserved |
| B033F | ISO/SAE Reserved |
| B0340 | ISO/SAE Reserved |
| B0341 | ISO/SAE Reserved |
| B0342 | ISO/SAE Reserved |
| B0343 | ISO/SAE Reserved |
| B0344 | ISO/SAE Reserved |
| B0345 | ISO/SAE Reserved |
| B0346 | ISO/SAE Reserved |
| B034 7 | ISO/SAE Reserved |
| B0348 | ISO/SAE Reserved |
| B0349 | ISO/SAE Reserved |
| B034A | ISO/SAE Reserved |
| B034B | ISO/SAE Reserved |
| B034C | ISO/SAE Reserved |
| B034D | ISO/SAE Reserved |
| B034E | ISO/SAE Reserved |
| B034F B0350 | ISO/SAE Reserved |
| B0350 B0351 | ISO/SAE Reserved |
| B0351 B0352 | ISO/SAE Reserved ISO/SAE Reserved |
| B0352 B0353 | ISO/SAE Reserved |
| B0354 | ISO/SAE Reserved |
| B0355 | ISO/SAE Reserved |
| B0356 | ISO/SAE Reserved |
| B0357 | ISO/SAE Reserved |
| B0358 | ISO/SAE Reserved |
| B0359 | ISO/SAE Reserved |
| B035A | ISO/SAE Reserved |
| B035B | ISO/SAE Reserved |
| B035C | ISO/SAE Reserved |
| B035D | ISO/SAE Reserved |
| B035E | ISO/SAE Reserved |
| B035F | ISO/SAE Reserved |
| B0360 | ISO/SAE Reserved |
| B0361 | ISO/SAE Reserved |
| | |

| Codes | |
|----------------|--------------------------------------|
| B0362 | ISO/SAE Reserved |
| B0363 | ISO/SAE Reserved |
| B0364 | ISO/SAE Reserved |
| B0365 | ISO/SAE Reserved |
| B0366 | ISO/SAE Reserved |
| B0367 | ISO/SAE Reserved |
| B0368 | ISO/SAE Reserved |
| B0369 | ISO/SAE Reserved |
| B036A | ISO/SAE Reserved |
| B036B | ISO/SAE Reserved |
| B036C | ISO/SAE Reserved |
| B036D | ISO/SAE Reserved |
| B036E | ISO/SAE Reserved |
| B036F | ISO/SAE Reserved |
| B0370 | ISO/SAE Reserved |
| B0371 | ISO/SAE Reserved |
| B0372 | ISO/SAE Reserved |
| B0373 | ISO/SAE Reserved |
| B0374 | ISO/SAE Reserved |
| B0375 | ISO/SAE Reserved |
| B0376 B0377 | ISO/SAE Reserved ISO/SAE Reserved |
| B0378 | ISO/SAE Reserved |
| B0378 B0379 | ISO/SAE Reserved |
| B0375 B037A | ISO/SAE Reserved |
| B037B | ISO/SAE Reserved |
| B037C | ISO/SAE Reserved |
| B037D | ISO/SAE Reserved |
| B037E | ISO/SAE Reserved |
| B037F | ISO/SAE Reserved |
| B0380 | ISO/SAE Reserved |
| B0381 | ISO/SAE Reserved |
| B0382 | ISO/SAE Reserved |
| B0383 | ISO/SAE Reserved |
| B0384 | ISO/SAE Reserved |
| B0385 | ISO/SAE Reserved |
| B0386 | ISO/SAE Reserved |
| B0387 | ISO/SAE Reserved |
| B0388 | ISO/SAE Reserved |
| B0389 | ISO/SAE Reserved |
| B038A | ISO/SAE Reserved |
| B038B | ISO/SAE Reserved |
| B038C | ISO/SAE Reserved |
| B038D | ISO/SAE Reserved |

| Codes | |
|----------------|--------------------------------------|
| B038E | ISO/SAE Reserved |
| B038F | ISO/SAE Reserved |
| B0390 | ISO/SAE Reserved |
| B0391 | ISO/SAE Reserved |
| B0392 | ISO/SAE Reserved |
| B0393 | ISO/SAE Reserved |
| B0394 | ISO/SAE Reserved |
| B0395 | ISO/SAE Reserved |
| B0396 | ISO/SAE Reserved |
| B0397 | ISO/SAE Reserved |
| B0398 | ISO/SAE Reserved |
| B0399 | ISO/SAE Reserved |
| B039A | ISO/SAE Reserved |
| B039B | ISO/SAE Reserved |
| B039C | ISO/SAE Reserved |
| B039D | ISO/SAE Reserved |
| B039E | ISO/SAE Reserved |
| B039F | ISO/SAE Reserved |
| B0400 | ISO/SAE Reserved |
| B0401 | ISO/SAE Reserved |
| B0402 | ISO/SAE Reserved |
| B0403 | ISO/SAE Reserved |
| B0404 | ISO/SAE Reserved |
| B0405 | ISO/SAE Reserved |
| B0406 | ISO/SAE Reserved |
| B0407 B0408 | ISO/SAE Reserved ISO/SAE Reserved |
| B0408 B0409 | ISO/SAE Reserved |
| B0409 B040A | ISO/SAE Reserved |
| B040A B040B | ISO/SAE Reserved |
| B040C | ISO/SAE Reserved |
| B040D | ISO/SAE Reserved |
| B040E | ISO/SAE Reserved |
| B040F | ISO/SAE Reserved |
| B0410 | ISO/SAE Reserved |
| B0411 | ISO/SAE Reserved |
| B0412 | ISO/SAE Reserved |
| B0413 | ISO/SAE Reserved |
| B0414 | ISO/SAE Reserved |
| B0415 | ISO/SAE Reserved |
| B0416 | ISO/SAE Reserved |
| B0417 | ISO/SAE Reserved |
| B0418 | ISO/SAE Reserved |
| B0419 | ISO/SAE Reserved |
| | |

| Codes | |
|----------------|--------------------------------------|
| B041A | ISO/SAE Reserved |
| B041B | ISO/SAE Reserved |
| B041C | ISO/SAE Reserved |
| B041D | ISO/SAE Reserved |
| B041E | ISO/SAE Reserved |
| B041F | ISO/SAE Reserved |
| B0420 | ISO/SAE Reserved |
| B0421 | ISO/SAE Reserved |
| B0422 | ISO/SAE Reserved |
| B0423 | ISO/SAE Reserved |
| B0424 | ISO/SAE Reserved |
| B0425 | ISO/SAE Reserved |
| B0426 | ISO/SAE Reserved |
| B0427 | ISO/SAE Reserved |
| B0428 | ISO/SAE Reserved |
| B0429 | ISO/SAE Reserved |
| B042A | ISO/SAE Reserved |
| B042B | ISO/SAE Reserved |
| B042C | ISO/SAE Reserved |
| B042D | ISO/SAE Reserved |
| B042E B042F | ISO/SAE Reserved |
| B042F B0430 | ISO/SAE Reserved ISO/SAE Reserved |
| B0430 B0431 | ISO/SAE Reserved |
| B0431 B0432 | ISO/SAE Reserved |
| B0433 | ISO/SAE Reserved |
| B0434 | ISO/SAE Reserved |
| B0435 | ISO/SAE Reserved |
| B0436 | ISO/SAE Reserved |
| B0437 | ISO/SAE Reserved |
| B0438 | ISO/SAE Reserved |
| B0439 | ISO/SAE Reserved |
| B043A | ISO/SAE Reserved |
| B043B | ISO/SAE Reserved |
| B043C | ISO/SAE Reserved |
| B043D | ISO/SAE Reserved |
| B043E | ISO/SAE Reserved |
| B043F | ISO/SAE Reserved |
| B0440 | ISO/SAE Reserved |
| B0441 | ISO/SAE Reserved |
| B0442 | ISO/SAE Reserved |
| B0443 | ISO/SAE Reserved |
| B0444 | ISO/SAE Reserved |
| B0445 | ISO/SAE Reserved |

| Codes | |
|----------------|--------------------------------------|
| B0446 | ISO/SAE Reserved |
| B0447 | ISO/SAE Reserved |
| B0448 | ISO/SAE Reserved |
| B0449 | ISO/SAE Reserved |
| B044A | ISO/SAE Reserved |
| B044B | ISO/SAE Reserved |
| B044C | ISO/SAE Reserved |
| B044D | ISO/SAE Reserved |
| B044E | ISO/SAE Reserved |
| B044F | ISO/SAE Reserved |
| B0450 | ISO/SAE Reserved |
| B0451 | ISO/SAE Reserved |
| B0452 | ISO/SAE Reserved |
| B0453 | ISO/SAE Reserved |
| B0454 | ISO/SAE Reserved |
| B0455 | ISO/SAE Reserved |
| B0456 | ISO/SAE Reserved |
| B0457 | ISO/SAE Reserved |
| B0458 | ISO/SAE Reserved |
| B0459 | ISO/SAE Reserved |
| B045A B045B | ISO/SAE Reserved ISO/SAE Reserved |
| B045B B045C | ISO/SAE Reserved |
| B045C B045D | ISO/SAE Reserved |
| B045E | ISO/SAE Reserved |
| B045F | ISO/SAE Reserved |
| B0460 | ISO/SAE Reserved |
| B0461 | ISO/SAE Reserved |
| B0462 | ISO/SAE Reserved |
| B0463 | ISO/SAE Reserved |
| B0464 | ISO/SAE Reserved |
| B0465 | ISO/SAE Reserved |
| B0466 | ISO/SAE Reserved |
| B0467 | ISO/SAE Reserved |
| B0468 | ISO/SAE Reserved |
| B0469 | ISO/SAE Reserved |
| B046A | ISO/SAE Reserved |
| B046B | ISO/SAE Reserved |
| B046C | ISO/SAE Reserved |
| B046D | ISO/SAE Reserved |
| B046E | ISO/SAE Reserved |
| B046F | ISO/SAE Reserved |
| B0470 | ISO/SAE Reserved |
| B0471 | ISO/SAE Reserved |

| Codes | |
|----------------|--------------------------------------|
| B0472 | ISO/SAE Reserved |
| B0473 | ISO/SAE Reserved |
| B0474 | ISO/SAE Reserved |
| B0475 | ISO/SAE Reserved |
| B0476 | ISO/SAE Reserved |
| B0477 | ISO/SAE Reserved |
| B0478 | ISO/SAE Reserved |
| B0479 | ISO/SAE Reserved |
| B047A | ISO/SAE Reserved |
| B047B | ISO/SAE Reserved |
| B047C | ISO/SAE Reserved |
| B047D | ISO/SAE Reserved |
| B047E | ISO/SAE Reserved |
| B047F | ISO/SAE Reserved |
| B0480 | ISO/SAE Reserved |
| B0481 | ISO/SAE Reserved |
| B0482 | ISO/SAE Reserved |
| B0483 | ISO/SAE Reserved |
| B0484 | ISO/SAE Reserved |
| B0485 | ISO/SAE Reserved |
| B0486 | ISO/SAE Reserved |
| B0487 | ISO/SAE Reserved |
| B0488 | ISO/SAE Reserved |
| B0489 | ISO/SAE Reserved |
| B048A | ISO/SAE Reserved |
| B048B | ISO/SAE Reserved |
| B048C | ISO/SAE Reserved |
| B048D | ISO/SAE Reserved |
| B048E | ISO/SAE Reserved |
| B048F | ISO/SAE Reserved |
| B0490 | ISO/SAE Reserved ISO/SAE Reserved |
| B0491 B0492 | ISO/SAE Reserved |
| B0492 B0493 | ISO/SAE Reserved |
| B0493 B0494 | ISO/SAE Reserved |
| B0494 B0495 | ISO/SAE Reserved |
| B0495 B0496 | ISO/SAE Reserved |
| B0497 | ISO/SAE Reserved |
| B0498 | ISO/SAE Reserved |
| B0499 | ISO/SAE Reserved |
| B0495 B049A | ISO/SAE Reserved |
| B049B | ISO/SAE Reserved |
| B049C | ISO/SAE Reserved |
| B049D | ISO/SAE Reserved |
| | , |

| Codes | |
|----------------|--------------------------------------|
| B049E | ISO/SAE Reserved |
| B049F | ISO/SAE Reserved |
| B0500 | ISO/SAE Reserved |
| B0501 | ISO/SAE Reserved |
| B0502 | ISO/SAE Reserved |
| B0503 | ISO/SAE Reserved |
| B0504 | ISO/SAE Reserved |
| B0505 | ISO/SAE Reserved |
| B0506 | ISO/SAE Reserved |
| B0507 | ISO/SAE Reserved |
| B0508 | ISO/SAE Reserved |
| B0509 | ISO/SAE Reserved |
| B050A | ISO/SAE Reserved |
| B050B | ISO/SAE Reserved |
| B050C | ISO/SAE Reserved |
| B050D | ISO/SAE Reserved |
| B050E | ISO/SAE Reserved |
| B050F | ISO/SAE Reserved |
| B0510 | ISO/SAE Reserved |
| B0511 | ISO/SAE Reserved |
| B0512 B0513 | ISO/SAE Reserved ISO/SAE Reserved |
| B0513 B0514 | ISO/SAE Reserved |
| B0514 B0515 | ISO/SAE Reserved |
| B0515 B0516 | ISO/SAE Reserved |
| B0517 | ISO/SAE Reserved |
| B0518 | ISO/SAE Reserved |
| B0519 | ISO/SAE Reserved |
| B051A | ISO/SAE Reserved |
| B051B | ISO/SAE Reserved |
| B051C | ISO/SAE Reserved |
| B051D | ISO/SAE Reserved |
| B051E | ISO/SAE Reserved |
| B051F | ISO/SAE Reserved |
| B0520 | ISO/SAE Reserved |
| B0521 | ISO/SAE Reserved |
| B0522 | ISO/SAE Reserved |
| B0523 | ISO/SAE Reserved |
| B0524 | ISO/SAE Reserved |
| B0525 | ISO/SAE Reserved |
| B0526 | ISO/SAE Reserved |
| B0527 | ISO/SAE Reserved |
| B0528 | ISO/SAE Reserved |
| B0529 | ISO/SAE Reserved |



| Codes | |
|----------------|--------------------------------------|
| B052A | ISO/SAE Reserved |
| B052B | ISO/SAE Reserved |
| B052C | ISO/SAE Reserved |
| B052D | ISO/SAE Reserved |
| B052E | ISO/SAE Reserved |
| B052F | ISO/SAE Reserved |
| B0530 | ISO/SAE Reserved |
| B0531 | ISO/SAE Reserved |
| B0532 | ISO/SAE Reserved |
| B0533 | ISO/SAE Reserved |
| B0534 | ISO/SAE Reserved |
| B0535 | ISO/SAE Reserved |
| B0536 | ISO/SAE Reserved |
| B0537 | ISO/SAE Reserved |
| B0538 | ISO/SAE Reserved |
| B0539 | ISO/SAE Reserved |
| B053A | ISO/SAE Reserved |
| B053B | ISO/SAE Reserved |
| B053C | ISO/SAE Reserved |
| B053D | ISO/SAE Reserved |
| B053E | ISO/SAE Reserved |
| B053F | ISO/SAE Reserved |
| B0540 | ISO/SAE Reserved |
| B0541 | ISO/SAE Reserved |
| B0542 | ISO/SAE Reserved |
| B0543 | ISO/SAE Reserved |
| B0544 | ISO/SAE Reserved |
| B0545 B0546 | ISO/SAE Reserved |
| B0540 B0547 | ISO/SAE Reserved ISO/SAE Reserved |
| B0548 | ISO/SAE Reserved |
| B0540 B0549 | ISO/SAE Reserved |
| B0549 B054A | ISO/SAE Reserved |
| B054B | ISO/SAE Reserved |
| B054C | ISO/SAE Reserved |
| B054D | ISO/SAE Reserved |
| B054E | ISO/SAE Reserved |
| B054F | ISO/SAE Reserved |
| B0550 | ISO/SAE Reserved |
| B0551 | ISO/SAE Reserved |
| B0552 | ISO/SAE Reserved |
| B0553 | ISO/SAE Reserved |
| B0554 | ISO/SAE Reserved |
| B0555 | ISO/SAE Reserved |
| | |

| Codes | |
|----------------|--------------------------------------|
| B0556 | ISO/SAE Reserved |
| B0557 | ISO/SAE Reserved |
| B0558 | ISO/SAE Reserved |
| B0559 | ISO/SAE Reserved |
| B055A | ISO/SAE Reserved |
| B055B | ISO/SAE Reserved |
| B055C | ISO/SAE Reserved |
| B055D | ISO/SAE Reserved |
| B055E | ISO/SAE Reserved |
| B055F | ISO/SAE Reserved |
| B0560 | ISO/SAE Reserved |
| B0561 | ISO/SAE Reserved |
| B0562 | ISO/SAE Reserved |
| B0563 | ISO/SAE Reserved |
| B0564 | ISO/SAE Reserved |
| B0565 | ISO/SAE Reserved |
| B0566 | ISO/SAE Reserved |
| B0567 | ISO/SAE Reserved |
| B0568 | ISO/SAE Reserved |
| B0569 | ISO/SAE Reserved |
| B056A | ISO/SAE Reserved |
| B056B | ISO/SAE Reserved |
| B056C | ISO/SAE Reserved |
| B056D | ISO/SAE Reserved |
| B056E | ISO/SAE Reserved |
| B056F | ISO/SAE Reserved |
| B0570 | ISO/SAE Reserved |
| B0571 | ISO/SAE Reserved |
| B0572 B0573 | ISO/SAE Reserved |
| B0574 | ISO/SAE Reserved |
| B0575 | ISO/SAE Reserved ISO/SAE Reserved |
| B0575 B0576 | ISO/SAE Reserved |
| B0570 B0577 | ISO/SAE Reserved |
| B0578 | ISO/SAE Reserved |
| B0570 B0579 | ISO/SAE Reserved |
| B057A | ISO/SAE Reserved |
| B057B | ISO/SAE Reserved |
| B057C | ISO/SAE Reserved |
| B057D | ISO/SAE Reserved |
| B057E | ISO/SAE Reserved |
| B057F | ISO/SAE Reserved |
| B0580 | ISO/SAE Reserved |
| B0581 | ISO/SAE Reserved |
| | |

| Codes | |
|----------------|--------------------------------------|
| B0582 | ISO/SAE Reserved |
| B0583 | ISO/SAE Reserved |
| B0584 | ISO/SAE Reserved |
| B0585 | ISO/SAE Reserved |
| B0586 | ISO/SAE Reserved |
| B0587 | ISO/SAE Reserved |
| B0588 | ISO/SAE Reserved |
| B0589 | ISO/SAE Reserved |
| B058A | ISO/SAE Reserved |
| B058B | ISO/SAE Reserved |
| B058C | ISO/SAE Reserved |
| B058D | ISO/SAE Reserved |
| B058E | ISO/SAE Reserved |
| B058F | ISO/SAE Reserved |
| B0590 | ISO/SAE Reserved |
| B0591 | ISO/SAE Reserved |
| B0592 | ISO/SAE Reserved |
| B0593 | ISO/SAE Reserved |
| B0594 | ISO/SAE Reserved |
| B0595 B0596 | ISO/SAE Reserved |
| B0590 B0597 | ISO/SAE Reserved ISO/SAE Reserved |
| B0597 B0598 | ISO/SAE Reserved |
| B0590 B0599 | ISO/SAE Reserved |
| B0595 B059A | ISO/SAE Reserved |
| B059B | ISO/SAE Reserved |
| B059C | ISO/SAE Reserved |
| B059D | ISO/SAE Reserved |
| B059E | ISO/SAE Reserved |
| B059F | ISO/SAE Reserved |
| B0600 | ISO/SAE Reserved |
| B0601 | ISO/SAE Reserved |
| B0602 | ISO/SAE Reserved |
| B0603 | ISO/SAE Reserved |
| B0604 | ISO/SAE Reserved |
| B0605 | ISO/SAE Reserved |
| B0606 | ISO/SAE Reserved |
| B0607 | ISO/SAE Reserved |
| B0608 | ISO/SAE Reserved |
| B0609 | ISO/SAE Reserved |
| B060A | ISO/SAE Reserved |
| B060B | ISO/SAE Reserved |
| B060C | ISO/SAE Reserved |
| B060D | ISO/SAE Reserved |

| Codes | |
|----------------|--------------------------------------|
| B060E | ISO/SAE Reserved |
| B060F | ISO/SAE Reserved |
| B0610 | ISO/SAE Reserved |
| B0611 | ISO/SAE Reserved |
| B0612 | ISO/SAE Reserved |
| B0613 | ISO/SAE Reserved |
| B0614 | ISO/SAE Reserved |
| B0615 | ISO/SAE Reserved |
| B0616 | ISO/SAE Reserved |
| B0617 | ISO/SAE Reserved |
| B0618 | ISO/SAE Reserved |
| B0619 | ISO/SAE Reserved |
| B061A | ISO/SAE Reserved |
| B061B | ISO/SAE Reserved |
| B061C | ISO/SAE Reserved |
| B061D | ISO/SAE Reserved |
| B061E | ISO/SAE Reserved |
| B061F | ISO/SAE Reserved |
| B0620 | ISO/SAE Reserved |
| B0621 | ISO/SAE Reserved |
| B0622 | ISO/SAE Reserved |
| B0623 | ISO/SAE Reserved |
| B0624 | ISO/SAE Reserved |
| B0625 | ISO/SAE Reserved |
| B0626 | ISO/SAE Reserved |
| B0627 | ISO/SAE Reserved |
| B0628 | ISO/SAE Reserved |
| B0629 | ISO/SAE Reserved |
| B062A B062B | ISO/SAE Reserved ISO/SAE Reserved |
| B062C | ISO/SAE Reserved |
| B062D | ISO/SAE Reserved |
| B062E | ISO/SAE Reserved |
| B062F | ISO/SAE Reserved |
| B0630 | ISO/SAE Reserved |
| B0631 | ISO/SAE Reserved |
| B0632 | ISO/SAE Reserved |
| B0633 | ISO/SAE Reserved |
| B0634 | ISO/SAE Reserved |
| B0635 | ISO/SAE Reserved |
| B0636 | ISO/SAE Reserved |
| B0637 | ISO/SAE Reserved |
| B0638 | ISO/SAE Reserved |
| B0639 | ISO/SAE Reserved |
| | |

| Codes | |
|----------------|--------------------------------------|
| B063A | ISO/SAE Reserved |
| B063B | ISO/SAE Reserved |
| B063C | ISO/SAE Reserved |
| B063D | ISO/SAE Reserved |
| B063E | ISO/SAE Reserved |
| B063F | ISO/SAE Reserved |
| B0640 | ISO/SAE Reserved |
| B0641 | ISO/SAE Reserved |
| B0642 | ISO/SAE Reserved |
| B0643 | ISO/SAE Reserved |
| B0644 | ISO/SAE Reserved |
| B0645 | ISO/SAE Reserved |
| B0646 | ISO/SAE Reserved |
| B0647 | ISO/SAE Reserved |
| B0648 | ISO/SAE Reserved |
| B0649 | ISO/SAE Reserved |
| B064A | ISO/SAE Reserved |
| B064B | ISO/SAE Reserved |
| B064C | ISO/SAE Reserved |
| B064D | ISO/SAE Reserved |
| B064E | ISO/SAE Reserved |
| B064F | ISO/SAE Reserved |
| B0650 | ISO/SAE Reserved |
| B0651 | ISO/SAE Reserved |
| B0652 | ISO/SAE Reserved |
| B0653 | ISO/SAE Reserved |
| B0654 | ISO/SAE Reserved |
| B0655 | ISO/SAE Reserved |
| B0656 B0657 | ISO/SAE Reserved ISO/SAE Reserved |
| B0658 | ISO/SAE Reserved |
| B0659 | ISO/SAE Reserved |
| B065A | ISO/SAE Reserved |
| B065B | ISO/SAE Reserved |
| B065C | ISO/SAE Reserved |
| B065D | ISO/SAE Reserved |
| B065E | ISO/SAE Reserved |
| B065F | ISO/SAE Reserved |
| B0660 | ISO/SAE Reserved |
| B0661 | ISO/SAE Reserved |
| B0662 | ISO/SAE Reserved |
| B0663 | ISO/SAE Reserved |
| B0664 | ISO/SAE Reserved |
| B0665 | ISO/SAE Reserved |
| | - |

| Codes | |
|----------------|--------------------------------------|
| B0666 | ISO/SAE Reserved |
| B0667 | ISO/SAE Reserved |
| B0668 | ISO/SAE Reserved |
| B0669 | ISO/SAE Reserved |
| B066A | ISO/SAE Reserved |
| B066B | ISO/SAE Reserved |
| B066C | ISO/SAE Reserved |
| B066D | ISO/SAE Reserved |
| B066E | ISO/SAE Reserved |
| B066F | ISO/SAE Reserved |
| B0670 | ISO/SAE Reserved |
| B0671 | ISO/SAE Reserved |
| B0672 | ISO/SAE Reserved |
| B0673 | ISO/SAE Reserved |
| B0674 | ISO/SAE Reserved |
| B0675 B0676 | ISO/SAE Reserved ISO/SAE Reserved |
| B0677 | ISO/SAE Reserved |
| B0678 | ISO/SAE Reserved |
| B0679 | ISO/SAE Reserved |
| B067A | ISO/SAE Reserved |
| B067B | ISO/SAE Reserved |
| B067C | ISO/SAE Reserved |
| B067D | ISO/SAE Reserved |
| B067E | ISO/SAE Reserved |
| B067F | ISO/SAE Reserved |
| B0680 | ISO/SAE Reserved |
| B0681 | ISO/SAE Reserved |
| B0682 | ISO/SAE Reserved |
| B0683 | ISO/SAE Reserved |
| B0684 | ISO/SAE Reserved |
| B0685 | ISO/SAE Reserved |
| B0686 | ISO/SAE Reserved |
| B0687 | ISO/SAE Reserved |
| B0688 | ISO/SAE Reserved |
| B0689 | ISO/SAE Reserved |
| B068A | ISO/SAE Reserved |
| B068B | ISO/SAE Reserved |
| B068C | ISO/SAE Reserved |
| B068D B068E | ISO/SAE Reserved ISO/SAE Reserved |
| B068F | ISO/SAE Reserved |
| B0690 | ISO/SAE Reserved |
| B0691 | ISO/SAE Reserved |
| D003T | 100/JAL NESELVEU |

| Codes | |
|----------------|--------------------------------------|
| B0692 | ISO/SAE Reserved |
| B0693 | ISO/SAE Reserved |
| B0694 | ISO/SAE Reserved |
| B0695 | ISO/SAE Reserved |
| B0696 | ISO/SAE Reserved |
| B0697 | ISO/SAE Reserved |
| B0698 | ISO/SAE Reserved |
| B0699 | ISO/SAE Reserved |
| B069A | ISO/SAE Reserved |
| B069B | ISO/SAE Reserved |
| B069C | ISO/SAE Reserved |
| B069D | ISO/SAE Reserved |
| B069E | ISO/SAE Reserved |
| B069F | ISO/SAE Reserved |
| B0700 | ISO/SAE Reserved |
| B0701 | ISO/SAE Reserved |
| B0702 | ISO/SAE Reserved |
| B0703 | ISO/SAE Reserved |
| B0704 | ISO/SAE Reserved |
| B0705 | ISO/SAE Reserved |
| B0706 | ISO/SAE Reserved |
| B0707 | ISO/SAE Reserved |
| B0708 B070A | ISO/SAE Reserved ISO/SAE Reserved |
| B070A B070B | ISO/SAE Reserved |
| B070D B070C | ISO/SAE Reserved |
| B070D | ISO/SAE Reserved |
| B070E | ISO/SAE Reserved |
| B070F | ISO/SAE Reserved |
| B0710 | ISO/SAE Reserved |
| B0711 | ISO/SAE Reserved |
| B0712 | ISO/SAE Reserved |
| B0713 | ISO/SAE Reserved |
| B0714 | ISO/SAE Reserved |
| B0715 | ISO/SAE Reserved |
| B0716 | ISO/SAE Reserved |
| B0717 | ISO/SAE Reserved |
| B0718 | ISO/SAE Reserved |
| B0719 | ISO/SAE Reserved |
| B071A | ISO/SAE Reserved |
| B071B | ISO/SAE Reserved |
| B071C | ISO/SAE Reserved |
| B071D | ISO/SAE Reserved |
| B071E | ISO/SAE Reserved |

| Codes | |
|----------------|--------------------------------------|
| B071F | ISO/SAE Reserved |
| B0720 | ISO/SAE Reserved |
| B0721 | ISO/SAE Reserved |
| B0722 | ISO/SAE Reserved |
| B0723 | ISO/SAE Reserved |
| B0724 | ISO/SAE Reserved |
| B0725 | ISO/SAE Reserved |
| B0726 | ISO/SAE Reserved |
| B0727 | ISO/SAE Reserved |
| B0728 | ISO/SAE Reserved |
| B0729 | ISO/SAE Reserved |
| B072A | ISO/SAE Reserved |
| B072B | ISO/SAE Reserved |
| B072C | ISO/SAE Reserved |
| B072D | ISO/SAE Reserved |
| B072E | ISO/SAE Reserved |
| B072F | ISO/SAE Reserved |
| B0730 | ISO/SAE Reserved |
| B0731 | ISO/SAE Reserved |
| B0732 | ISO/SAE Reserved |
| B0733 | ISO/SAE Reserved |
| B0734 | ISO/SAE Reserved |
| B0735 | ISO/SAE Reserved |
| B0736 | ISO/SAE Reserved |
| B0737 | ISO/SAE Reserved |
| B0738 | ISO/SAE Reserved |
| B0739 | ISO/SAE Reserved |
| B073A | ISO/SAE Reserved |
| B073B | ISO/SAE Reserved |
| B073C | ISO/SAE Reserved |
| B073D | ISO/SAE Reserved |
| B073E | ISO/SAE Reserved |
| B073F B0740 | ISO/SAE Reserved |
| B0740 B0741 | ISO/SAE Reserved ISO/SAE Reserved |
| B0741 B0742 | ISO/SAE Reserved |
| B0742 B0743 | ISO/SAE Reserved |
| B0743 B0744 | ISO/SAE Reserved |
| B0745 | ISO/SAE Reserved |
| B0745 B0746 | ISO/SAE Reserved |
| B0740 B0747 | ISO/SAE Reserved |
| B0747 B0748 | ISO/SAE Reserved |
| B0740 B0749 | ISO/SAE Reserved |
| B0745 B074A | ISO/SAE Reserved |
| | 100/011L INCOLLIER |

| Codes | |
|----------------|--------------------------------------|
| B074B | ISO/SAE Reserved |
| B074C | ISO/SAE Reserved |
| B074D | ISO/SAE Reserved |
| B074E | ISO/SAE Reserved |
| B074F | ISO/SAE Reserved |
| B0750 | ISO/SAE Reserved |
| B0751 | ISO/SAE Reserved |
| B0752 | ISO/SAE Reserved |
| B0753 | ISO/SAE Reserved |
| B0754 | ISO/SAE Reserved |
| B0755 | ISO/SAE Reserved |
| B0756 | ISO/SAE Reserved |
| B0757 | ISO/SAE Reserved |
| B0758 | ISO/SAE Reserved |
| B0759 | ISO/SAE Reserved |
| B075A | ISO/SAE Reserved |
| B075B | ISO/SAE Reserved |
| B075C | ISO/SAE Reserved |
| B075D | ISO/SAE Reserved |
| B075E | ISO/SAE Reserved |
| B075F | ISO/SAE Reserved |
| B0760 | ISO/SAE Reserved |
| B0761 | ISO/SAE Reserved |
| B0762 | ISO/SAE Reserved |
| B0763 | ISO/SAE Reserved |
| B0764 | ISO/SAE Reserved |
| B0765 | ISO/SAE Reserved |
| B0766 | ISO/SAE Reserved |
| B0767 B0768 | ISO/SAE Reserved ISO/SAE Reserved |
| B0769 | ISO/SAE Reserved |
| B076A | ISO/SAE Reserved |
| B076B | ISO/SAE Reserved |
| B076C | ISO/SAE Reserved |
| B076D | ISO/SAE Reserved |
| B076E | ISO/SAE Reserved |
| B076F | ISO/SAE Reserved |
| B0770 | ISO/SAE Reserved |
| B0771 | ISO/SAE Reserved |
| B0772 | ISO/SAE Reserved |
| B0773 | ISO/SAE Reserved |
| B0774 | ISO/SAE Reserved |
| B0775 | ISO/SAE Reserved |
| B0776 | ISO/SAE Reserved |
| | |

| Codes | |
|----------------|--------------------------------------|
| B0777 | ISO/SAE Reserved |
| B0778 | ISO/SAE Reserved |
| B0779 | ISO/SAE Reserved |
| B077A | ISO/SAE Reserved |
| B077B | ISO/SAE Reserved |
| B077C | ISO/SAE Reserved |
| B077D | ISO/SAE Reserved |
| B077E | ISO/SAE Reserved |
| B077F | ISO/SAE Reserved |
| B0780 | ISO/SAE Reserved |
| B0781 | ISO/SAE Reserved |
| B0782 | ISO/SAE Reserved |
| B0783 | ISO/SAE Reserved |
| B0784 | ISO/SAE Reserved |
| B0785 | ISO/SAE Reserved |
| B0786 | ISO/SAE Reserved |
| B0787 | ISO/SAE Reserved |
| B0788 | ISO/SAE Reserved |
| B0789 | ISO/SAE Reserved |
| B078A | ISO/SAE Reserved |
| B078B | ISO/SAE Reserved |
| B078C | ISO/SAE Reserved |
| B078D | ISO/SAE Reserved |
| B078E | ISO/SAE Reserved |
| B078F | ISO/SAE Reserved |
| B0790 B0791 | ISO/SAE Reserved ISO/SAE Reserved |
| B0791 B0792 | ISO/SAE Reserved |
| B0792 B0793 | ISO/SAE Reserved |
| B0793 B0794 | ISO/SAE Reserved |
| B0794 B0795 | ISO/SAE Reserved |
| B0796 | ISO/SAE Reserved |
| B0797 | ISO/SAE Reserved |
| B0798 | ISO/SAE Reserved |
| B0799 | ISO/SAE Reserved |
| B079A | ISO/SAE Reserved |
| B079B | ISO/SAE Reserved |
| B079C | ISO/SAE Reserved |
| B079D | ISO/SAE Reserved |
| B079E | ISO/SAE Reserved |
| B079F | ISO/SAE Reserved |
| B0800 | ISO/SAE Reserved |
| B0801 | ISO/SAE Reserved |
| B0802 | ISO/SAE Reserved |
| | |

| Codes | |
|----------------|--------------------------------------|
| B0803 | ISO/SAE Reserved |
| B0804 | ISO/SAE Reserved |
| B0805 | ISO/SAE Reserved |
| B0806 | ISO/SAE Reserved |
| B0807 | ISO/SAE Reserved |
| B0808 | ISO/SAE Reserved |
| B0809 | ISO/SAE Reserved |
| B080A | ISO/SAE Reserved |
| B080B | ISO/SAE Reserved |
| B080C | ISO/SAE Reserved |
| B080D | ISO/SAE Reserved |
| B080E | ISO/SAE Reserved |
| B080F | ISO/SAE Reserved |
| B0810 | ISO/SAE Reserved |
| B0811 | ISO/SAE Reserved |
| B0812 | ISO/SAE Reserved |
| B0813 | ISO/SAE Reserved |
| B0814 | ISO/SAE Reserved |
| B0815 | ISO/SAE Reserved |
| B0816 | ISO/SAE Reserved |
| B0817 | ISO/SAE Reserved |
| B0818 | ISO/SAE Reserved |
| B0819 | ISO/SAE Reserved |
| B081A | ISO/SAE Reserved |
| B081B | ISO/SAE Reserved |
| B081C B081D | ISO/SAE Reserved ISO/SAE Reserved |
| B081D B081E | ISO/SAE Reserved |
| B081F | ISO/SAE Reserved |
| B0820 | ISO/SAE Reserved |
| B0820 B0821 | ISO/SAE Reserved |
| B0822 | ISO/SAE Reserved |
| B0823 | ISO/SAE Reserved |
| B0824 | ISO/SAE Reserved |
| B0825 | ISO/SAE Reserved |
| B0826 | ISO/SAE Reserved |
| B0827 | ISO/SAE Reserved |
| B0828 | ISO/SAE Reserved |
| B0829 | ISO/SAE Reserved |
| B082A | ISO/SAE Reserved |
| B082B | ISO/SAE Reserved |
| B082C | ISO/SAE Reserved |
| B082D | ISO/SAE Reserved |
| B082E | ISO/SAE Reserved |
| | |

| Codes | |
|----------------|--------------------------------------|
| B082F | ISO/SAE Reserved |
| B0830 | ISO/SAE Reserved |
| B0831 | ISO/SAE Reserved |
| B0832 | ISO/SAE Reserved |
| B0833 | ISO/SAE Reserved |
| B0834 | ISO/SAE Reserved |
| B0835 | ISO/SAE Reserved |
| B0836 | ISO/SAE Reserved |
| B0837 | ISO/SAE Reserved |
| B0838 | ISO/SAE Reserved |
| B0839 | ISO/SAE Reserved |
| B083A | ISO/SAE Reserved |
| B083B | ISO/SAE Reserved |
| B083C | ISO/SAE Reserved |
| B083D | ISO/SAE Reserved |
| B083E | ISO/SAE Reserved |
| B083F | ISO/SAE Reserved |
| B0840 | ISO/SAE Reserved |
| B0841 B0842 | ISO/SAE Reserved |
| B0843 | ISO/SAE Reserved ISO/SAE Reserved |
| B0844 | ISO/SAE Reserved |
| B0845 | ISO/SAE Reserved |
| B0846 | ISO/SAE Reserved |
| B0847 | ISO/SAE Reserved |
| B0848 | ISO/SAE Reserved |
| B0849 | ISO/SAE Reserved |
| B084A | ISO/SAE Reserved |
| B084B | ISO/SAE Reserved |
| B084C | ISO/SAE Reserved |
| B084D | ISO/SAE Reserved |
| B084E | ISO/SAE Reserved |
| B084F | ISO/SAE Reserved |
| B0850 | ISO/SAE Reserved |
| B0851 | ISO/SAE Reserved |
| B0852 | ISO/SAE Reserved |
| B0853 | ISO/SAE Reserved |
| B0854 | ISO/SAE Reserved |
| B0855 | ISO/SAE Reserved |
| B0856 | ISO/SAE Reserved |
| B0857 | ISO/SAE Reserved |
| B0858 | ISO/SAE Reserved |
| B0859 | ISO/SAE Reserved |
| B085A | ISO/SAE Reserved |

| Codes | |
|----------------|--------------------------------------|
| B085B | ISO/SAE Reserved |
| B085C | ISO/SAE Reserved |
| B085D | ISO/SAE Reserved |
| B085E | ISO/SAE Reserved |
| B085F | ISO/SAE Reserved |
| B0860 | ISO/SAE Reserved |
| B0861 | ISO/SAE Reserved |
| B0862 | ISO/SAE Reserved |
| B0863 | ISO/SAE Reserved |
| B0864 | ISO/SAE Reserved |
| B0865 | ISO/SAE Reserved |
| B0866 | ISO/SAE Reserved |
| B0867 | ISO/SAE Reserved |
| B0868 | ISO/SAE Reserved |
| B0869 | ISO/SAE Reserved |
| B086A | ISO/SAE Reserved |
| B086B | ISO/SAE Reserved |
| B086C | ISO/SAE Reserved |
| B086D | ISO/SAE Reserved |
| B086E | ISO/SAE Reserved |
| B086F B0870 | ISO/SAE Reserved ISO/SAE Reserved |
| B0870 B0871 | ISO/SAE Reserved |
| B0872 | ISO/SAE Reserved |
| B0873 | ISO/SAE Reserved |
| B0874 | ISO/SAE Reserved |
| B0875 | ISO/SAE Reserved |
| B0876 | ISO/SAE Reserved |
| B0877 | ISO/SAE Reserved |
| B0878 | ISO/SAE Reserved |
| B0879 | ISO/SAE Reserved |
| B087A | ISO/SAE Reserved |
| B087B | ISO/SAE Reserved |
| B087C | ISO/SAE Reserved |
| B087D | ISO/SAE Reserved |
| B087E | ISO/SAE Reserved |
| B087F | ISO/SAE Reserved |
| B0880 | ISO/SAE Reserved |
| B0881 | ISO/SAE Reserved |
| B0882 | ISO/SAE Reserved |
| B0883 | ISO/SAE Reserved |
| B0884 | ISO/SAE Reserved |
| B0885 | ISO/SAE Reserved |
| B0886 | ISO/SAE Reserved |

| Codes | |
|----------------|--------------------------------------|
| B0887 | ISO/SAE Reserved |
| B0888 | ISO/SAE Reserved |
| B0889 | ISO/SAE Reserved |
| B088A | ISO/SAE Reserved |
| B088B | ISO/SAE Reserved |
| B088C | ISO/SAE Reserved |
| B088D | ISO/SAE Reserved |
| B088E | ISO/SAE Reserved |
| B088F | ISO/SAE Reserved |
| B0890 | ISO/SAE Reserved |
| B0891 | ISO/SAE Reserved |
| B0892 | ISO/SAE Reserved |
| B0893 | ISO/SAE Reserved |
| B0894 | ISO/SAE Reserved |
| B0895 | ISO/SAE Reserved |
| B0896 B0897 | ISO/SAE Reserved |
| B0898 | ISO/SAE Reserved ISO/SAE Reserved |
| B0898 B0899 | ISO/SAE Reserved |
| B0895 B089A | ISO/SAE Reserved |
| B089B | ISO/SAE Reserved |
| B089C | ISO/SAE Reserved |
| B089D | ISO/SAE Reserved |
| B089E | ISO/SAE Reserved |
| B089F | ISO/SAE Reserved |
| B0900 | ISO/SAE Reserved |
| B0901 | ISO/SAE Reserved |
| B0902 | ISO/SAE Reserved |
| B0903 | ISO/SAE Reserved |
| B0904 | ISO/SAE Reserved |
| B0905 | ISO/SAE Reserved |
| B0906 | ISO/SAE Reserved |
| B0907 | ISO/SAE Reserved |
| B0908 | ISO/SAE Reserved |
| B0909 | ISO/SAE Reserved |
| B090A | ISO/SAE Reserved |
| B090B | ISO/SAE Reserved |
| B090C | ISO/SAE Reserved |
| B090D | ISO/SAE Reserved |
| B090E | ISO/SAE Reserved |
| B090F | ISO/SAE Reserved |
| B0910 | ISO/SAE Reserved |
| B0911 | ISO/SAE Reserved |
| B0912 | ISO/SAE Reserved |

| Codes | |
|----------------|--------------------------------------|
| B0913 | ISO/SAE Reserved |
| B0914 | ISO/SAE Reserved |
| B0915 | ISO/SAE Reserved |
| B0916 | ISO/SAE Reserved |
| B0917 | ISO/SAE Reserved |
| B0918 | ISO/SAE Reserved |
| B0919 | ISO/SAE Reserved |
| B091A | ISO/SAE Reserved |
| B091B | ISO/SAE Reserved |
| B091C | ISO/SAE Reserved |
| B091D | ISO/SAE Reserved |
| B091E | ISO/SAE Reserved |
| B091F | ISO/SAE Reserved |
| B0920 | ISO/SAE Reserved |
| B0921 | ISO/SAE Reserved |
| B0922 | ISO/SAE Reserved |
| B0923 | ISO/SAE Reserved |
| B0924 | ISO/SAE Reserved |
| B0925 | ISO/SAE Reserved |
| B0926 | ISO/SAE Reserved |
| B0927 | ISO/SAE Reserved |
| B0928 | ISO/SAE Reserved |
| B0929 | ISO/SAE Reserved |
| B092A | ISO/SAE Reserved |
| B092B | ISO/SAE Reserved |
| B092C B092D | ISO/SAE Reserved ISO/SAE Reserved |
| | ISO/SAE Reserved |
| B092E B092F | ISO/SAE Reserved |
| B0921 B0930 | ISO/SAE Reserved |
| B0930 B0931 | ISO/SAE Reserved |
| B0932 | ISO/SAE Reserved |
| B0933 | ISO/SAE Reserved |
| B0934 | ISO/SAE Reserved |
| B0935 | ISO/SAE Reserved |
| B0936 | ISO/SAE Reserved |
| B0937 | ISO/SAE Reserved |
| B0938 | ISO/SAE Reserved |
| B0939 | ISO/SAE Reserved |
| B093A | ISO/SAE Reserved |
| B093B | ISO/SAE Reserved |
| B093C | ISO/SAE Reserved |
| B093D | ISO/SAE Reserved |
| B093E | ISO/SAE Reserved |
| | |

| Codes | |
|----------------|--------------------------------------|
| B0940 | ISO/SAE Reserved |
| B0941 | ISO/SAE Reserved |
| B0942 | ISO/SAE Reserved |
| B0943 | ISO/SAE Reserved |
| B0944 | ISO/SAE Reserved |
| B0945 | ISO/SAE Reserved |
| B0946 | ISO/SAE Reserved |
| B0947 | ISO/SAE Reserved |
| B0948 | ISO/SAE Reserved |
| B0949 | ISO/SAE Reserved |
| B094B | ISO/SAE Reserved |
| B094C | ISO/SAE Reserved |
| B094D | ISO/SAE Reserved |
| B094E | ISO/SAE Reserved |
| B0950 | ISO/SAE Reserved |
| B0951 | ISO/SAE Reserved |
| B0954 | ISO/SAE Reserved |
| B0955 | ISO/SAE Reserved |
| B0956 | ISO/SAE Reserved |
| B0957 | ISO/SAE Reserved |
| B0958 | ISO/SAE Reserved |
| B0959 B0960 | ISO/SAE Reserved ISO/SAE Reserved |
| B0961 | ISO/SAE Reserved |
| B0967 | ISO/SAE Reserved |
| B0968 | ISO/SAE Reserved |
| B096A | ISO/SAE Reserved |
| B096B | ISO/SAE Reserved |
| B096C | ISO/SAE Reserved |
| B096D | ISO/SAE Reserved |
| B096F | ISO/SAE Reserved |
| B0976 | ISO/SAE Reserved |
| B0977 | ISO/SAE Reserved |
| B0978 | ISO/SAE Reserved |
| B097B | ISO/SAE Reserved |
| B097C | ISO/SAE Reserved |
| B0981 | ISO/SAE Reserved |
| B0984 | ISO/SAE Reserved |
| B0985 | ISO/SAE Reserved |
| B0987 | ISO/SAE Reserved |
| B0988 | ISO/SAE Reserved |
| B3000 | ISO/SAE Reserved |
| C0000 | ISO/SAE Reserved |
| C0005 | ISO/SAE Reserved |

DBDCodeX

| Codes | Definition |
|----------------|--|
| C0006 | ISO/SAE Reserved |
| C0007 | ISO/SAE Reserved |
| C0008 | ISO/SAE Reserved |
| C0009 | ISO/SAE Reserved |
| C000A | ISO/SAE Reserved |
| C000B | ISO/SAE Reserved |
| C000C | ISO/SAE Reserved |
| C000D | ISO/SAE Reserved |
| C000E | ISO/SAE Reserved |
| C000F | ISO/SAE Reserved |
| C0012 | Left Front Hydraulic Release Too Long (Subfault) |
| C0013 | ISO/SAE Reserved |
| C0016 | ISO/SAE Reserved |
| C0017 | ISO/SAE Reserved |
| C001A | Left Rear Hydraulic Release Too Long (Subfault) |
| C001B | ISO/SAE Reserved |
| C001E | Right Rear Hydraulic Release Too Long (Subfault) |
| C001F | ISO/SAE Reserved |
| C0021 | Brake Booster Performance (Subfault) |
| C0022 | Brake Booster Solenoid (Subfault) |
| C0023 | Stop Lamp Control (Subfault) |
| C0024 | ISO/SAE Reserved |
| C0025 | ISO/SAE Reserved |
| C0026 | ISO/SAE Reserved |
| C0027 | ISO/SAE Reserved |
| C0028 | ISO/SAE Reserved |
| C0029 | ISO/SAE Reserved |
| C002A | ISO/SAE Reserved |
| C002B | ISO/SAE Reserved |
| C002C | ISO/SAE Reserved |
| C002D | ISO/SAE Reserved |
| C002E | ISO/SAE Reserved |
| C002F | ISO/SAE Reserved |
| C0035 | Right Front Wheel Speed Sensor Supply (Subfault) |
| C0036 | Left Rear Tone Wheel (Subfault) |
| C0037 | Left Rear Wheel Speed Sensor (Subfault) |
| C0038 | Left Rear Wheel Speed Sensor Supply (Subfault) |
| C003C | Rear Tone Wheel (Subfault) |
| C003D | Rear Wheel Speed Sensor (Subfault) |
| C003E | Rear Wheel Speed Sensor Supply (Subfault) |
| C003F C0040 | ISO/SAE Reserved Brake Rodal Switch "A" (Subfault) |
| C0040 C0041 | Brake Pedal Switch "A" (Subfault) Brake Pedal Switch "B" (Subfault) |
| | |
| C0042 | Brake Pedal Position (BPP) Sensor "Circuit A" (Subfault) |



| Codes | Definition |
|-------|--|
| C0045 | Brake Pressure Sensor "B" (Subfault) |
| C0046 | Brake Pressure Sensor "A"/"B" (Subfault) |
| C0047 | Brake Booster Pressure Sensor (Subfault) |
| C0048 | Brake Booster Travel Sensor (Subfault) |
| C004A | Brake Lining Wear Sensor (Subfault)/p> |
| C004B | ISO/SAE Reserved |
| C004C | ISO/SAE Reserved |
| C004D | ISO/SAE Reserved |
| C004E | ISO/SAE Reserved |
| C004F | ISO/SAE Reserved |
| C0050 | Right Rear Wheel Speed Sensor |
| C0051 | Steering Wheel Position Sensor (Subfault) |
| C0052 | Steering Wheel Position Sensor "Signal A" (Subfault) |
| C0054 | Steering Wheel Position Sensor "Signal C" (Subfault) |
| C0055 | Steering Wheel Position Sensor "Signal D" (Subfault) |
| C0056 | ISO/SAE Reserved |
| C0057 | ISO/SAE Reserved |
| C0058 | ISO/SAE Reserved |
| C0059 | ISO/SAE Reserved |
| C005A | ISO/SAE Reserved |
| C005B | ISO/SAE Reserved |
| C005C | ISO/SAE Reserved |
| C005D | ISO/SAE Reserved |
| C005E | ISO/SAE Reserved |
| C005F | ISO/SAE Reserved |
| C0060 | ISO/SAE Reserved |
| C0064 | Roll Rate Sensor |
| C0065 | Left Front Anti-lock Braking System (ABS) Solenoid 2 Circuit Malfunction |
| C0066 | ISO/SAE Reserved |
| C0067 | ISO/SAE Reserved |
| C0068 | ISO/SAE Reserved |
| C0069 | Yaw Rate/Longitude Sensors (Subfault) |
| C006C | Stability System |
| C006D | ISO/SAE Reserved |
| C006E | ISO/SAE Reserved |
| C006F | ISO/SAE Reserved |
| C0070 | Right Front Anti-lock Braking System (ABS) Solenoid 1 Circuit Malfunction |
| C0073 | Delivered Driving Torque (Subfault) |
| C0075 | Extended Brake Pedal Travel, output to PCM (Subfault) |
| C0079 | Variable Effort Steering (Subfault) |
| C007A | ISO/SAE Reserved |
| C007B | ISO/SAE Reserved |
| | |



| Codes | Definition |
|-------|--|
| C007C | ISO/SAE Reserved |
| C007D | ISO/SAE Reserved |
| C007E | ISO/SAE Reserved |
| C007F | ISO/SAE Reserved |
| C0080 | Left Rear Anti-lock Braking System (ABS) Solenoid 1 Circuit Malfunction |
| C0081 | Anti-lock Braking System (ABS) Malfunction Indicator (Subfault) |
| C0083 | Tire Pressure Monitor Malfunction Indicator (Subfault) |
| C0084 | Traction Active Indicator (Subfault) |
| C0085 | Traction Disable Indicator (Subfault) |
| C0086 | Vehicle Dynamics Indicator (Subfault) |
| C0087 | ISO/SAE Reserved |
| C0088 | ISO/SAE Reserved |
| C0089 | Traction Control System (TCS) Disable Switch (Subfault) |
| C008A | Traction Control System (TCS) Mode Control (Subfault) |
| C008B | ISO/SAE Reserved |
| C008C | ISO/SAE Reserved |
| C008D | ISO/SAE Reserved |
| C008E | ISO/SAE Reserved |
| C008F | ISO/SAE Reserved |
| C0090 | ISO/SAE Reserved |
| C0091 | ISO/SAE Reserved |
| C0092 | ISO/SAE Reserved |
| C0093 | ISO/SAE Reserved |
| C0094 | ISO/SAE Reserved |
| C0095 | ISO/SAE Reserved |
| C0096 | ISO/SAE Reserved |
| C0097 | ISO/SAE Reserved |
| C0098 | ISO/SAE Reserved |
| C0099 | ISO/SAE Reserved |
| C009A | ISO/SAE Reserved |
| C009B | ISO/SAE Reserved |
| C009C | ISO/SAE Reserved |
| C009D | ISO/SAE Reserved |
| C009E | ISO/SAE Reserved |
| C009F | ISO/SAE Reserved |
| C0100 | ISO/SAE Reserved |
| C0101 | ISO/SAE Reserved |
| C0102 | ISO/SAE Reserved |
| C0103 | ISO/SAE Reserved |
| C0104 | ISO/SAE Reserved |
| C0105 | ISO/SAE Reserved |
| C0106 | ISO/SAE Reserved |
| C0107 | ISO/SAE Reserved |



| Codes | |
|----------------|--------------------------------------|
| C0108 | ISO/SAE Reserved |
| C0109 | ISO/SAE Reserved |
| C010A | ISO/SAE Reserved |
| C010B | ISO/SAE Reserved |
| C010C | ISO/SAE Reserved |
| C010D | ISO/SAE Reserved |
| C010E | ISO/SAE Reserved |
| C010F | ISO/SAE Reserved |
| C0110 | ISO/SAE Reserved |
| C0111 | ISO/SAE Reserved |
| C0112 | ISO/SAE Reserved |
| C0113 | ISO/SAE Reserved |
| C0114 | ISO/SAE Reserved |
| C0115 | ISO/SAE Reserved |
| C0116 | ISO/SAE Reserved |
| C0118 | ISO/SAE Reserved |
| C0119 | ISO/SAE Reserved |
| C011A | ISO/SAE Reserved |
| C011B | ISO/SAE Reserved |
| C011C | ISO/SAE Reserved |
| C011D | ISO/SAE Reserved |
| C011E | ISO/SAE Reserved |
| C011F | ISO/SAE Reserved |
| C0120 | ISO/SAE Reserved |
| C0121 | ISO/SAE Reserved |
| C0122 | ISO/SAE Reserved |
| C0123 | ISO/SAE Reserved |
| C0124 C0125 | ISO/SAE Reserved ISO/SAE Reserved |
| C0125 C0126 | ISO/SAE Reserved |
| C0120 C0127 | ISO/SAE Reserved |
| C0127 | ISO/SAE Reserved |
| C0120 C0129 | ISO/SAE Reserved |
| C0125 | ISO/SAE Reserved |
| C012B | ISO/SAE Reserved |
| C012C | ISO/SAE Reserved |
| C012D | ISO/SAE Reserved |
| C012E | ISO/SAE Reserved |
| C012F | ISO/SAE Reserved |
| C0130 | ISO/SAE Reserved |
| C0131 | ISO/SAE Reserved |
| C0132 | ISO/SAE Reserved |
| C0133 | ISO/SAE Reserved |
| C0134 | ISO/SAE Reserved |
| | |

DBDCodeX

| Codes | |
|----------------|--------------------------------------|
| C0135 | ISO/SAE Reserved |
| C0136 | ISO/SAE Reserved |
| C0137 | ISO/SAE Reserved |
| C0138 | ISO/SAE Reserved |
| C0139 | ISO/SAE Reserved |
| C013A | ISO/SAE Reserved |
| C013B | ISO/SAE Reserved |
| C013C | ISO/SAE Reserved |
| C013D | ISO/SAE Reserved |
| C013E | ISO/SAE Reserved |
| C013F | ISO/SAE Reserved |
| C0140 | ISO/SAE Reserved |
| C0141 | ISO/SAE Reserved |
| C0142 | ISO/SAE Reserved |
| C0143 | ISO/SAE Reserved |
| C0144 | ISO/SAE Reserved |
| C0145 | ISO/SAE Reserved |
| C0146 | ISO/SAE Reserved |
| C0147 | ISO/SAE Reserved |
| C0148 | ISO/SAE Reserved |
| C0149 | ISO/SAE Reserved |
| C014A | ISO/SAE Reserved |
| C014B | ISO/SAE Reserved |
| C014C | ISO/SAE Reserved |
| C014D | ISO/SAE Reserved |
| C014E | ISO/SAE Reserved |
| C014F | ISO/SAE Reserved |
| C0150 | ISO/SAE Reserved |
| C0151 | ISO/SAE Reserved |
| C0152 | ISO/SAE Reserved |
| C0153 | ISO/SAE Reserved |
| C0154 C0155 | ISO/SAE Reserved ISO/SAE Reserved |
| C0155 C0156 | ISO/SAE Reserved |
| C0150 C0157 | ISO/SAE Reserved |
| C0157 C0158 | ISO/SAE Reserved |
| C0150 C0159 | ISO/SAE Reserved |
| C0159 C015A | ISO/SAE Reserved |
| C015A C015B | ISO/SAE Reserved |
| C015D C015C | ISO/SAE Reserved |
| C015C | ISO/SAE Reserved |
| C015E | ISO/SAE Reserved |
| C015E | ISO/SAE Reserved |
| C0151 C0160 | ISO/SAE Reserved |
| | |



| Codes | |
|----------------|--------------------------------------|
| C0161 | ISO/SAE Reserved |
| C0162 | ISO/SAE Reserved |
| C0163 | ISO/SAE Reserved |
| C0164 | ISO/SAE Reserved |
| C0165 | ISO/SAE Reserved |
| C0166 | ISO/SAE Reserved |
| C0167 | ISO/SAE Reserved |
| C0168 | ISO/SAE Reserved |
| C0169 | ISO/SAE Reserved |
| C016A | ISO/SAE Reserved |
| C016B | ISO/SAE Reserved |
| C016C | ISO/SAE Reserved |
| C016D | ISO/SAE Reserved |
| C016E | ISO/SAE Reserved |
| C016F | ISO/SAE Reserved |
| C0170 | ISO/SAE Reserved |
| C0171 | ISO/SAE Reserved |
| C0172 | ISO/SAE Reserved |
| C0173 | ISO/SAE Reserved |
| C0174 | ISO/SAE Reserved |
| C0175 | ISO/SAE Reserved |
| C0176 | ISO/SAE Reserved |
| C0177 | ISO/SAE Reserved |
| C0178 | ISO/SAE Reserved |
| C0179 | ISO/SAE Reserved |
| C017A C017B | ISO/SAE Reserved ISO/SAE Reserved |
| C017B C017C | ISO/SAE Reserved |
| C017C C017D | ISO/SAE Reserved |
| C017D C017E | ISO/SAE Reserved |
| C017E | ISO/SAE Reserved |
| C0180 | ISO/SAE Reserved |
| C0181 | ISO/SAE Reserved |
| C0182 | ISO/SAE Reserved |
| C0183 | ISO/SAE Reserved |
| C0184 | ISO/SAE Reserved |
| C0185 | ISO/SAE Reserved |
| C0186 | ISO/SAE Reserved |
| C0187 | ISO/SAE Reserved |
| C0188 | ISO/SAE Reserved |
| C0189 | ISO/SAE Reserved |
| C018A | ISO/SAE Reserved |
| C018B | ISO/SAE Reserved |
| C018C | ISO/SAE Reserved |
| | |

| Codes | |
|----------------|--------------------------------------|
| C018D | ISO/SAE Reserved |
| C018E | ISO/SAE Reserved |
| C018F | ISO/SAE Reserved |
| C0190 | ISO/SAE Reserved |
| C0191 | ISO/SAE Reserved |
| C0192 | ISO/SAE Reserved |
| C0193 | ISO/SAE Reserved |
| C0194 | ISO/SAE Reserved |
| C0195 | ISO/SAE Reserved |
| C0196 | ISO/SAE Reserved |
| C0197 | ISO/SAE Reserved |
| C0198 | ISO/SAE Reserved |
| C0199 | ISO/SAE Reserved |
| C019A | ISO/SAE Reserved |
| C019B | ISO/SAE Reserved |
| C019C | ISO/SAE Reserved |
| C019D | ISO/SAE Reserved |
| C019E | ISO/SAE Reserved |
| C019F | ISO/SAE Reserved |
| C0200 | ISO/SAE Reserved |
| C0201 | ISO/SAE Reserved |
| C0202 | ISO/SAE Reserved |
| C0203 | ISO/SAE Reserved |
| C0204 | ISO/SAE Reserved |
| C0205 | ISO/SAE Reserved |
| C0206 | ISO/SAE Reserved |
| C0207 | ISO/SAE Reserved |
| C0208 | ISO/SAE Reserved |
| C0209 | ISO/SAE Reserved |
| C020A | ISO/SAE Reserved |
| C020B | ISO/SAE Reserved |
| C020C | ISO/SAE Reserved |
| C020D C020E | ISO/SAE Reserved |
| C020E C020F | ISO/SAE Reserved |
| C020F C0210 | ISO/SAE Reserved |
| C0210 C0211 | ISO/SAE Reserved ISO/SAE Reserved |
| C0211 C0212 | ISO/SAE Reserved |
| C0212 C0213 | ISO/SAE Reserved |
| C0213 C0214 | ISO/SAE Reserved |
| C0214 C0215 | ISO/SAE Reserved |
| C0215 C0216 | ISO/SAE Reserved |
| C0210 C0217 | ISO/SAE Reserved |
| C0217 C0218 | ISO/SAE Reserved |
| 00210 | 100/JAE Neselveu |

| Codes | |
|----------------|--------------------------------------|
| C0219 | ISO/SAE Reserved |
| C021A | ISO/SAE Reserved |
| C021B | ISO/SAE Reserved |
| C021C | ISO/SAE Reserved |
| C021D | ISO/SAE Reserved |
| C021E | ISO/SAE Reserved |
| C021F | ISO/SAE Reserved |
| C0220 | ISO/SAE Reserved |
| C0221 | ISO/SAE Reserved |
| C0222 | ISO/SAE Reserved |
| C0223 | ISO/SAE Reserved |
| C0225 | ISO/SAE Reserved |
| C0226 | ISO/SAE Reserved |
| C0227 | ISO/SAE Reserved |
| C0228 | ISO/SAE Reserved |
| C0229 | ISO/SAE Reserved |
| C022A | ISO/SAE Reserved |
| C022B | ISO/SAE Reserved |
| C022C | ISO/SAE Reserved |
| C022D | ISO/SAE Reserved |
| C022E | ISO/SAE Reserved |
| C022F | ISO/SAE Reserved |
| C0230 | ISO/SAE Reserved |
| C0231 | ISO/SAE Reserved |
| C0232 | ISO/SAE Reserved |
| C0233 C0234 | ISO/SAE Reserved ISO/SAE Reserved |
| C0234 C0235 | ISO/SAE Reserved |
| C0235 C0236 | ISO/SAE Reserved |
| C0230 C0237 | ISO/SAE Reserved |
| C0237 | ISO/SAE Reserved |
| C0230 C0239 | ISO/SAE Reserved |
| C0235 | ISO/SAE Reserved |
| C023B | ISO/SAE Reserved |
| C023C | ISO/SAE Reserved |
| C023D | ISO/SAE Reserved |
| C023E | ISO/SAE Reserved |
| C023F | ISO/SAE Reserved |
| C0240 | ISO/SAE Reserved |
| C0241 | ISO/SAE Reserved |
| C0242 | ISO/SAE Reserved |
| C0243 | ISO/SAE Reserved |
| C0244 | ISO/SAE Reserved |
| C0245 | ISO/SAE Reserved |
| | |



| Codes | |
|----------------|--------------------------------------|
| C0246 | ISO/SAE Reserved |
| C0247 | ISO/SAE Reserved |
| C0248 | ISO/SAE Reserved |
| C0249 | ISO/SAE Reserved |
| C024A | ISO/SAE Reserved |
| C024B | ISO/SAE Reserved |
| C024C | ISO/SAE Reserved |
| C024D | ISO/SAE Reserved |
| C024E | ISO/SAE Reserved |
| C024F | ISO/SAE Reserved |
| C0250 | ISO/SAE Reserved |
| C0251 | ISO/SAE Reserved |
| C0252 | ISO/SAE Reserved |
| C0253 | ISO/SAE Reserved |
| C0254 | ISO/SAE Reserved |
| C0255 | ISO/SAE Reserved |
| C0256 | ISO/SAE Reserved |
| C0257 | ISO/SAE Reserved |
| C0258 | ISO/SAE Reserved |
| C0259 | ISO/SAE Reserved |
| C025A | ISO/SAE Reserved |
| C025B | ISO/SAE Reserved |
| C025C | ISO/SAE Reserved |
| C025D | ISO/SAE Reserved |
| C025E | ISO/SAE Reserved |
| C025F | ISO/SAE Reserved |
| C0260 | ISO/SAE Reserved |
| C0261 | ISO/SAE Reserved |
| C0262 | ISO/SAE Reserved |
| C0263 | ISO/SAE Reserved |
| C0264 | ISO/SAE Reserved |
| C0265 C0266 | ISO/SAE Reserved |
| C0267 | ISO/SAE Reserved ISO/SAE Reserved |
| C0267 | ISO/SAE Reserved |
| C0269 | ISO/SAE Reserved |
| C026A | ISO/SAE Reserved |
| C026A | ISO/SAE Reserved |
| C026C | ISO/SAE Reserved |
| C026D | ISO/SAE Reserved |
| C026E | ISO/SAE Reserved |
| C026F | ISO/SAE Reserved |
| C0270 | ISO/SAE Reserved |
| C0270 | ISO/SAE Reserved |
| | |



| Codes | |
|----------------|--------------------------------------|
| C0272 | ISO/SAE Reserved |
| C0273 | ISO/SAE Reserved |
| C0274 | ISO/SAE Reserved |
| C0275 | ISO/SAE Reserved |
| C0276 | ISO/SAE Reserved |
| C0277 | ISO/SAE Reserved |
| C0278 | ISO/SAE Reserved |
| C0279 | ISO/SAE Reserved |
| C027A | ISO/SAE Reserved |
| C027B | ISO/SAE Reserved |
| C027C | ISO/SAE Reserved |
| C027D | ISO/SAE Reserved |
| C027E | ISO/SAE Reserved |
| C027F | ISO/SAE Reserved |
| C0280 | ISO/SAE Reserved |
| C0281 | ISO/SAE Reserved |
| C0282 | ISO/SAE Reserved |
| C0283 | ISO/SAE Reserved |
| C0284 | ISO/SAE Reserved |
| C0285 | ISO/SAE Reserved |
| C0286 | ISO/SAE Reserved |
| C0287 | ISO/SAE Reserved |
| C0288 | ISO/SAE Reserved |
| C0289 | ISO/SAE Reserved |
| C028A | ISO/SAE Reserved |
| C028B | ISO/SAE Reserved |
| C028D | ISO/SAE Reserved |
| C028E | ISO/SAE Reserved |
| C028F C0290 | ISO/SAE Reserved |
| C0290 C0291 | ISO/SAE Reserved ISO/SAE Reserved |
| C0291 C0292 | ISO/SAE Reserved |
| C0292 C0293 | ISO/SAE Reserved |
| C0295 | ISO/SAE Reserved |
| C0294 C0295 | ISO/SAE Reserved |
| C0296 | ISO/SAE Reserved |
| C0297 | ISO/SAE Reserved |
| C0298 | ISO/SAE Reserved |
| C0299 | ISO/SAE Reserved |
| C029A | ISO/SAE Reserved |
| C029B | ISO/SAE Reserved |
| C029C | ISO/SAE Reserved |
| C029D | ISO/SAE Reserved |
| C029E | ISO/SAE Reserved |
| | - |

| Codes | |
|----------------|--------------------------------------|
| C029F | ISO/SAE Reserved |
| C0300 | ISO/SAE Reserved |
| C0301 | ISO/SAE Reserved |
| C0302 | ISO/SAE Reserved |
| C0303 | ISO/SAE Reserved |
| C0304 | ISO/SAE Reserved |
| C0305 | ISO/SAE Reserved |
| C0306 | ISO/SAE Reserved |
| C0307 | ISO/SAE Reserved |
| C0308 | ISO/SAE Reserved |
| C0309 | ISO/SAE Reserved |
| C030A | ISO/SAE Reserved |
| C030B | ISO/SAE Reserved |
| C030C | ISO/SAE Reserved |
| C030D | ISO/SAE Reserved |
| C030E | ISO/SAE Reserved |
| C030F | ISO/SAE Reserved |
| C0310 | ISO/SAE Reserved |
| C0311 | ISO/SAE Reserved |
| C0312 | ISO/SAE Reserved |
| C0313 | ISO/SAE Reserved |
| C0314 | ISO/SAE Reserved |
| C0315 | ISO/SAE Reserved |
| C0316 | ISO/SAE Reserved |
| C0317 | ISO/SAE Reserved |
| C0318 C0319 | ISO/SAE Reserved ISO/SAE Reserved |
| C0319 C031A | ISO/SAE Reserved |
| C031A C031B | ISO/SAE Reserved |
| C031D C031C | ISO/SAE Reserved |
| C031D | ISO/SAE Reserved |
| C031E | ISO/SAE Reserved |
| C031F | ISO/SAE Reserved |
| C0320 | ISO/SAE Reserved |
| C0321 | ISO/SAE Reserved |
| C0322 | ISO/SAE Reserved |
| C0323 | ISO/SAE Reserved |
| C0324 | ISO/SAE Reserved |
| C0325 | ISO/SAE Reserved |
| C0326 | ISO/SAE Reserved |
| C0327 | ISO/SAE Reserved |
| C0328 | ISO/SAE Reserved |
| C0329 | ISO/SAE Reserved |
| C032A | ISO/SAE Reserved |
| | |

| Codes | |
|----------------|--------------------------------------|
| C032B | ISO/SAE Reserved |
| C032C | ISO/SAE Reserved |
| C032D | ISO/SAE Reserved |
| C032E | ISO/SAE Reserved |
| C032F | ISO/SAE Reserved |
| C0330 | ISO/SAE Reserved |
| C0331 | ISO/SAE Reserved |
| C0332 | ISO/SAE Reserved |
| C0333 | ISO/SAE Reserved |
| C0334 | ISO/SAE Reserved |
| C0335 | ISO/SAE Reserved |
| C0336 | ISO/SAE Reserved |
| C0337 | ISO/SAE Reserved |
| C0338 | ISO/SAE Reserved |
| C0339 | ISO/SAE Reserved |
| C033A | ISO/SAE Reserved |
| C033B | ISO/SAE Reserved |
| C033C | ISO/SAE Reserved |
| C033D | ISO/SAE Reserved |
| C033E | ISO/SAE Reserved |
| C033F | ISO/SAE Reserved |
| C0340 | ISO/SAE Reserved |
| C0341 | ISO/SAE Reserved |
| C0342 | ISO/SAE Reserved |
| C0343 | ISO/SAE Reserved |
| C0344 | ISO/SAE Reserved |
| C0345 | ISO/SAE Reserved |
| C0346 | ISO/SAE Reserved |
| C0347 | ISO/SAE Reserved |
| C0348 C0349 | ISO/SAE Reserved |
| C0349 C034A | ISO/SAE Reserved ISO/SAE Reserved |
| C034A C034B | ISO/SAE Reserved |
| C034D | ISO/SAE Reserved |
| C034C | ISO/SAE Reserved |
| C034E | ISO/SAE Reserved |
| C034F | ISO/SAE Reserved |
| C0350 | ISO/SAE Reserved |
| C0351 | ISO/SAE Reserved |
| C0352 | ISO/SAE Reserved |
| C0352 | ISO/SAE Reserved |
| C0354 | ISO/SAE Reserved |
| C0355 | ISO/SAE Reserved |
| C0356 | ISO/SAE Reserved |
| # | |



| Codes | |
|----------------|--------------------------------------|
| C0357 | ISO/SAE Reserved |
| C0358 | ISO/SAE Reserved |
| C0359 | ISO/SAE Reserved |
| C035A | ISO/SAE Reserved |
| C035B | ISO/SAE Reserved |
| C035C | ISO/SAE Reserved |
| C035D | ISO/SAE Reserved |
| C035E | ISO/SAE Reserved |
| C035F | ISO/SAE Reserved |
| C0360 | ISO/SAE Reserved |
| C0361 | ISO/SAE Reserved |
| C0362 | ISO/SAE Reserved |
| C0363 | ISO/SAE Reserved |
| C0364 | ISO/SAE Reserved |
| C0365 | ISO/SAE Reserved |
| C0366 | ISO/SAE Reserved |
| C0367 | ISO/SAE Reserved |
| C0368 | ISO/SAE Reserved |
| C0369 | ISO/SAE Reserved |
| C036A | ISO/SAE Reserved |
| C036B | ISO/SAE Reserved |
| C036C C036D | ISO/SAE Reserved |
| C036E | ISO/SAE Reserved ISO/SAE Reserved |
| C036F | ISO/SAE Reserved |
| C0301 C0370 | ISO/SAE Reserved |
| C0371 | ISO/SAE Reserved |
| C0372 | ISO/SAE Reserved |
| C0373 | ISO/SAE Reserved |
| C0374 | ISO/SAE Reserved |
| C0375 | ISO/SAE Reserved |
| C0376 | ISO/SAE Reserved |
| C03 77 | ISO/SAE Reserved |
| C0378 | ISO/SAE Reserved |
| C0379 | ISO/SAE Reserved |
| C037A | ISO/SAE Reserved |
| C037B | ISO/SAE Reserved |
| C037C | ISO/SAE Reserved |
| C037D | ISO/SAE Reserved |
| C037E | ISO/SAE Reserved |
| C037F | ISO/SAE Reserved |
| C0380 | ISO/SAE Reserved |
| C0381 | ISO/SAE Reserved |
| C0382 | ISO/SAE Reserved |

| Codes | |
|----------------|--------------------------------------|
| C0383 | ISO/SAE Reserved |
| C0384 | ISO/SAE Reserved |
| C0385 | ISO/SAE Reserved |
| C0386 | ISO/SAE Reserved |
| C0387 | ISO/SAE Reserved |
| C0388 | ISO/SAE Reserved |
| C0389 | ISO/SAE Reserved |
| C038A | ISO/SAE Reserved |
| C038B | ISO/SAE Reserved |
| C038C | ISO/SAE Reserved |
| C038D | ISO/SAE Reserved |
| C038E | ISO/SAE Reserved |
| C038F | ISO/SAE Reserved |
| C0390 | ISO/SAE Reserved |
| C0391 | ISO/SAE Reserved |
| C0392 | ISO/SAE Reserved |
| C0393 | ISO/SAE Reserved |
| C0394 | ISO/SAE Reserved |
| C0395 | ISO/SAE Reserved |
| C0396 | ISO/SAE Reserved |
| C0397 | ISO/SAE Reserved |
| C0398 | ISO/SAE Reserved |
| C0399 | ISO/SAE Reserved |
| C039A | ISO/SAE Reserved |
| C039B | ISO/SAE Reserved |
| C039C | ISO/SAE Reserved |
| C039D | ISO/SAE Reserved |
| C039E C039F | ISO/SAE Reserved ISO/SAE Reserved |
| C039F C0400 | ISO/SAE Reserved |
| C0400 C0401 | ISO/SAE Reserved |
| C0401 C0402 | ISO/SAE Reserved |
| C0402 | ISO/SAE Reserved |
| C0405 | ISO/SAE Reserved |
| C0406 | ISO/SAE Reserved |
| C0407 | ISO/SAE Reserved |
| C0408 | ISO/SAE Reserved |
| C0409 | ISO/SAE Reserved |
| C044A | ISO/SAE Reserved |
| C044B | ISO/SAE Reserved |
| C044C | ISO/SAE Reserved |
| C044D | ISO/SAE Reserved |
| C044E | ISO/SAE Reserved |
| C044F | ISO/SAE Reserved |
| | |

| Codes | |
|----------------|--------------------------------------|
| C0450 | ISO/SAE Reserved |
| C0451 | ISO/SAE Reserved |
| C0452 | ISO/SAE Reserved |
| C0453 | ISO/SAE Reserved |
| C0454 | ISO/SAE Reserved |
| C0455 | ISO/SAE Reserved |
| C0456 | ISO/SAE Reserved |
| C0457 | ISO/SAE Reserved |
| C0458 | ISO/SAE Reserved |
| C0459 | ISO/SAE Reserved |
| C045A | ISO/SAE Reserved |
| C045B | ISO/SAE Reserved |
| C045C | ISO/SAE Reserved |
| C045D | ISO/SAE Reserved |
| C045E | ISO/SAE Reserved |
| C045F | ISO/SAE Reserved |
| C0460 | ISO/SAE Reserved |
| C0461 | ISO/SAE Reserved |
| C0462 | ISO/SAE Reserved |
| C0463 | ISO/SAE Reserved |
| C0464 | ISO/SAE Reserved |
| C0465 | ISO/SAE Reserved |
| C0466 | ISO/SAE Reserved |
| C0467 | ISO/SAE Reserved |
| C0468 | ISO/SAE Reserved |
| C0469 | ISO/SAE Reserved |
| C046A | ISO/SAE Reserved |
| C046B C046C | ISO/SAE Reserved ISO/SAE Reserved |
| C046C C046D | ISO/SAE Reserved |
| C040D C046E | ISO/SAE Reserved |
| C040E C046F | ISO/SAE Reserved |
| C0401 C0470 | ISO/SAE Reserved |
| C0470 C0471 | ISO/SAE Reserved |
| C0472 | ISO/SAE Reserved |
| C0473 | ISO/SAE Reserved |
| C0474 | ISO/SAE Reserved |
| C0475 | ISO/SAE Reserved |
| C0476 | ISO/SAE Reserved |
| C0477 | ISO/SAE Reserved |
| C0478 | ISO/SAE Reserved |
| C0479 | ISO/SAE Reserved |
| C047A | ISO/SAE Reserved |
| C047B | ISO/SAE Reserved |
| | |

| Codes | |
|----------------|--------------------------------------|
| C047C | ISO/SAE Reserved |
| C047D | ISO/SAE Reserved |
| C047E | ISO/SAE Reserved |
| C047F | ISO/SAE Reserved |
| C0500 | ISO/SAE Reserved |
| C0501 | ISO/SAE Reserved |
| C0502 | ISO/SAE Reserved |
| C0503 | ISO/SAE Reserved |
| C0504 | ISO/SAE Reserved |
| C0505 | ISO/SAE Reserved |
| C0506 | ISO/SAE Reserved |
| C0507 | ISO/SAE Reserved |
| C0508 | ISO/SAE Reserved |
| C0509 | ISO/SAE Reserved |
| C050A | ISO/SAE Reserved |
| C050B | ISO/SAE Reserved |
| C050C | ISO/SAE Reserved |
| C050D | ISO/SAE Reserved |
| C050E | ISO/SAE Reserved |
| C050F | ISO/SAE Reserved |
| C0510 | ISO/SAE Reserved |
| C0511 | ISO/SAE Reserved |
| C0512 | ISO/SAE Reserved |
| C0513 | ISO/SAE Reserved |
| C0514 | ISO/SAE Reserved |
| C0515 | ISO/SAE Reserved |
| C0516 C0517 | ISO/SAE Reserved |
| C0517 C0518 | ISO/SAE Reserved ISO/SAE Reserved |
| C0518 C0519 | ISO/SAE Reserved |
| C0519 C051A | ISO/SAE Reserved |
| C051A C051B | ISO/SAE Reserved |
| C051D C051C | ISO/SAE Reserved |
| C051D | ISO/SAE Reserved |
| C051E | ISO/SAE Reserved |
| C051E | ISO/SAE Reserved |
| C0520 | ISO/SAE Reserved |
| C0521 | ISO/SAE Reserved |
| C0522 | ISO/SAE Reserved |
| C0523 | ISO/SAE Reserved |
| C0524 | ISO/SAE Reserved |
| C0525 | ISO/SAE Reserved |
| C0526 | ISO/SAE Reserved |
| C0527 | ISO/SAE Reserved |
| | |

| Codes | |
|----------------|--------------------------------------|
| C0528 | ISO/SAE Reserved |
| C0529 | ISO/SAE Reserved |
| C052A | ISO/SAE Reserved |
| C052B | ISO/SAE Reserved |
| C052C | ISO/SAE Reserved |
| C052D | ISO/SAE Reserved |
| C052E | ISO/SAE Reserved |
| C052F | ISO/SAE Reserved |
| C0530 | ISO/SAE Reserved |
| C0531 | ISO/SAE Reserved |
| C0532 | ISO/SAE Reserved |
| C0533 | ISO/SAE Reserved |
| C0534 | ISO/SAE Reserved |
| C0535 | ISO/SAE Reserved |
| C0536 | ISO/SAE Reserved |
| C0537 | ISO/SAE Reserved |
| C0538 | ISO/SAE Reserved |
| C0539 | ISO/SAE Reserved |
| C053A | ISO/SAE Reserved |
| C053B | ISO/SAE Reserved |
| C053C | ISO/SAE Reserved |
| C053D | ISO/SAE Reserved |
| C053E | ISO/SAE Reserved |
| C053F | ISO/SAE Reserved |
| C0540 | ISO/SAE Reserved |
| C0541 | ISO/SAE Reserved |
| C0542 | ISO/SAE Reserved |
| C0543 | ISO/SAE Reserved |
| C0544 | ISO/SAE Reserved |
| C0545 | ISO/SAE Reserved |
| C0546 C0547 | ISO/SAE Reserved ISO/SAE Reserved |
| C0547 C0548 | ISO/SAE Reserved |
| C0548 C0549 | ISO/SAE Reserved |
| C054A | ISO/SAE Reserved |
| C054A C054B | ISO/SAE Reserved |
| C054C | ISO/SAE Reserved |
| C054D | ISO/SAE Reserved |
| C054E | ISO/SAE Reserved |
| C054F | ISO/SAE Reserved |
| C0550 | ISO/SAE Reserved |
| C0551 | ISO/SAE Reserved |
| C0552 | ISO/SAE Reserved |
| C0553 | ISO/SAE Reserved |
| - | |

| Codes | |
|----------------|--------------------------------------|
| C0554 | ISO/SAE Reserved |
| C0555 | ISO/SAE Reserved |
| C0556 | ISO/SAE Reserved |
| C0557 | ISO/SAE Reserved |
| C0558 | ISO/SAE Reserved |
| C0559 | ISO/SAE Reserved |
| C055A | ISO/SAE Reserved |
| C055B | ISO/SAE Reserved |
| C055C | ISO/SAE Reserved |
| C055D | ISO/SAE Reserved |
| C055E | ISO/SAE Reserved |
| C055F | ISO/SAE Reserved |
| C0560 | ISO/SAE Reserved |
| C0561 | ISO/SAE Reserved |
| C0562 | ISO/SAE Reserved |
| C0563 | ISO/SAE Reserved |
| C0564 | ISO/SAE Reserved |
| C0565 | ISO/SAE Reserved |
| C0566 | ISO/SAE Reserved |
| C0567 | ISO/SAE Reserved |
| C0568 | ISO/SAE Reserved |
| C0569 | ISO/SAE Reserved |
| C056A | ISO/SAE Reserved |
| C056B | ISO/SAE Reserved |
| C056C | ISO/SAE Reserved |
| C056D | ISO/SAE Reserved |
| C056E | ISO/SAE Reserved |
| C056F | ISO/SAE Reserved |
| C0570 | ISO/SAE Reserved |
| C0571 | ISO/SAE Reserved |
| C0572 | ISO/SAE Reserved |
| C0573 C0574 | ISO/SAE Reserved ISO/SAE Reserved |
| C0574 C0575 | ISO/SAE Reserved |
| C0575 C0576 | ISO/SAE Reserved |
| C0570 C0577 | ISO/SAE Reserved |
| C0578 | ISO/SAE Reserved |
| C0578 C0579 | ISO/SAE Reserved |
| C0579 C057A | ISO/SAE Reserved |
| C057B | ISO/SAE Reserved |
| C057C | ISO/SAE Reserved |
| C057D | ISO/SAE Reserved |
| C057E | ISO/SAE Reserved |
| C057E | ISO/SAE Reserved |
| 000/1 | 100/011L NOSELVEU |

DBDCodeX

| Codes | |
|----------------|--------------------------------------|
| C0580 | ISO/SAE Reserved |
| C0581 | ISO/SAE Reserved |
| C0582 | ISO/SAE Reserved |
| C0583 | ISO/SAE Reserved |
| C0584 | ISO/SAE Reserved |
| C0585 | ISO/SAE Reserved |
| C0586 | ISO/SAE Reserved |
| C0587 | ISO/SAE Reserved |
| C0588 | ISO/SAE Reserved |
| C0589 | ISO/SAE Reserved |
| C058A | ISO/SAE Reserved |
| C058B | ISO/SAE Reserved |
| C058C | ISO/SAE Reserved |
| C058D | ISO/SAE Reserved |
| C058E | ISO/SAE Reserved |
| C058F | ISO/SAE Reserved |
| C0590 | ISO/SAE Reserved |
| C0591 | ISO/SAE Reserved |
| C0592 | ISO/SAE Reserved |
| C0593 | ISO/SAE Reserved |
| C0594 | ISO/SAE Reserved |
| C0595 C0596 | ISO/SAE Reserved |
| C0590 C0597 | ISO/SAE Reserved ISO/SAE Reserved |
| C0597 | ISO/SAE Reserved |
| C0598 C0599 | ISO/SAE Reserved |
| C0599 C059A | ISO/SAE Reserved |
| C059B | ISO/SAE Reserved |
| C059C | ISO/SAE Reserved |
| C059D | ISO/SAE Reserved |
| C059E | ISO/SAE Reserved |
| C059F | ISO/SAE Reserved |
| C0600 | ISO/SAE Reserved |
| C0601 | ISO/SAE Reserved |
| C0602 | ISO/SAE Reserved |
| C0603 | ISO/SAE Reserved |
| C0604 | ISO/SAE Reserved |
| C0605 | ISO/SAE Reserved |
| C0606 | ISO/SAE Reserved |
| C0607 | ISO/SAE Reserved |
| C0608 | ISO/SAE Reserved |
| C0609 | ISO/SAE Reserved |
| C060A | ISO/SAE Reserved |
| C060B | ISO/SAE Reserved |
| | |

| Codes | |
|----------------|--------------------------------------|
| C060C | ISO/SAE Reserved |
| C060D | ISO/SAE Reserved |
| C060E | ISO/SAE Reserved |
| C060F | ISO/SAE Reserved |
| C0610 | ISO/SAE Reserved |
| C0611 | ISO/SAE Reserved |
| C0612 | ISO/SAE Reserved |
| C0613 | ISO/SAE Reserved |
| C0614 | ISO/SAE Reserved |
| C0615 | ISO/SAE Reserved |
| C0616 | ISO/SAE Reserved |
| C0617 | ISO/SAE Reserved |
| C0618 | ISO/SAE Reserved |
| C0619 | ISO/SAE Reserved |
| C061A | ISO/SAE Reserved |
| C061B | ISO/SAE Reserved |
| C061C | ISO/SAE Reserved |
| C061D | ISO/SAE Reserved |
| C061E | ISO/SAE Reserved |
| C061F | ISO/SAE Reserved |
| C0620 | ISO/SAE Reserved |
| C0621 | ISO/SAE Reserved |
| C0622 | ISO/SAE Reserved |
| C0623 | ISO/SAE Reserved |
| C0624 | ISO/SAE Reserved |
| C0625 | ISO/SAE Reserved |
| C0626 | ISO/SAE Reserved |
| C0627 | ISO/SAE Reserved |
| C0628 | ISO/SAE Reserved |
| C0629 | ISO/SAE Reserved |
| C062A | ISO/SAE Reserved |
| C062B | ISO/SAE Reserved |
| C062C C062D | ISO/SAE Reserved |
| C062D C062E | ISO/SAE Reserved |
| C062E C062F | ISO/SAE Reserved ISO/SAE Reserved |
| C062F | ISO/SAE Reserved |
| C0631 | ISO/SAE Reserved |
| C0632 | ISO/SAE Reserved |
| C0633 | ISO/SAE Reserved |
| C0634 | ISO/SAE Reserved |
| C0635 | ISO/SAE Reserved |
| C0636 | ISO/SAE Reserved |
| C0637 | ISO/SAE Reserved |
| UUJ/ | 190/JAE Neselved |

| Codes | |
|----------------|--------------------------------------|
| C0638 | ISO/SAE Reserved |
| C0639 | ISO/SAE Reserved |
| C063A | ISO/SAE Reserved |
| C063B | ISO/SAE Reserved |
| C063C | ISO/SAE Reserved |
| C063D | ISO/SAE Reserved |
| C063E | ISO/SAE Reserved |
| C063F | ISO/SAE Reserved |
| C0640 | ISO/SAE Reserved |
| C0641 | ISO/SAE Reserved |
| C0642 | ISO/SAE Reserved |
| C0643 | ISO/SAE Reserved |
| C0644 | ISO/SAE Reserved |
| C0645 | ISO/SAE Reserved |
| C0646 | ISO/SAE Reserved |
| C0647 | ISO/SAE Reserved |
| C0648 | ISO/SAE Reserved |
| C0649 | ISO/SAE Reserved |
| C064A | ISO/SAE Reserved |
| C064B | ISO/SAE Reserved |
| C064C | ISO/SAE Reserved |
| C064D | ISO/SAE Reserved |
| C064E | ISO/SAE Reserved |
| C064F | ISO/SAE Reserved |
| C0650 | ISO/SAE Reserved |
| C0651 | ISO/SAE Reserved |
| C0652 | ISO/SAE Reserved ISO/SAE Reserved |
| C0653 C0654 | ISO/SAE Reserved |
| C0655 | ISO/SAE Reserved |
| C0656 | ISO/SAE Reserved |
| C0657 | ISO/SAE Reserved |
| C0658 | ISO/SAE Reserved |
| C0659 | ISO/SAE Reserved |
| C065A | ISO/SAE Reserved |
| C065B | ISO/SAE Reserved |
| C065C | ISO/SAE Reserved |
| C065D | ISO/SAE Reserved |
| C065E | ISO/SAE Reserved |
| C065F | ISO/SAE Reserved |
| C0660 | ISO/SAE Reserved |
| C0661 | ISO/SAE Reserved |
| C0662 | ISO/SAE Reserved |
| C0663 | ISO/SAE Reserved |
| | |

| Codes | |
|----------------|--------------------------------------|
| C0664 | ISO/SAE Reserved |
| C0665 | ISO/SAE Reserved |
| C0666 | ISO/SAE Reserved |
| C0667 | ISO/SAE Reserved |
| C0668 | ISO/SAE Reserved |
| C0669 | ISO/SAE Reserved |
| C066A | ISO/SAE Reserved |
| C066B | ISO/SAE Reserved |
| C066C | ISO/SAE Reserved |
| C066D | ISO/SAE Reserved |
| C066E | ISO/SAE Reserved |
| C066F | ISO/SAE Reserved |
| C0690 | ISO/SAE Reserved |
| C0691 | ISO/SAE Reserved |
| C0692 | ISO/SAE Reserved |
| C0693 | ISO/SAE Reserved |
| C0694 | ISO/SAE Reserved |
| C0695 | ISO/SAE Reserved |
| C0696 | ISO/SAE Reserved |
| C0707 | ISO/SAE Reserved |
| C0708 | ISO/SAE Reserved |
| C0709 C0710 | ISO/SAE Reserved ISO/SAE Reserved |
| C0710 C0711 | ISO/SAE Reserved |
| C0712 | ISO/SAE Reserved |
| C0712 C0713 | ISO/SAE Reserved |
| C0714 | ISO/SAE Reserved |
| C0715 | ISO/SAE Reserved |
| C0716 | ISO/SAE Reserved |
| C0717 | ISO/SAE Reserved |
| C0718 | ISO/SAE Reserved |
| C0719 | ISO/SAE Reserved |
| C0720 | ISO/SAE Reserved |
| C0721 | ISO/SAE Reserved |
| C0722 | ISO/SAE Reserved |
| C0723 | ISO/SAE Reserved |
| C0724 | ISO/SAE Reserved |
| C0725 | ISO/SAE Reserved |
| C0726 | ISO/SAE Reserved |
| C0727 | ISO/SAE Reserved |
| C0728 | ISO/SAE Reserved |
| C0729 | ISO/SAE Reserved |
| C0730 | ISO/SAE Reserved |
| C0731 | ISO/SAE Reserved |

| Codes | |
|----------------|--------------------------------------|
| C0732 | ISO/SAE Reserved |
| C0734 | ISO/SAE Reserved |
| C0735 | ISO/SAE Reserved |
| C0736 | ISO/SAE Reserved |
| C0737 | ISO/SAE Reserved |
| C0738 | ISO/SAE Reserved |
| C0739 | ISO/SAE Reserved |
| C0740 | ISO/SAE Reserved |
| C0741 | ISO/SAE Reserved |
| C0742 | ISO/SAE Reserved |
| C0743 | ISO/SAE Reserved |
| C0744 | ISO/SAE Reserved |
| C0745 | ISO/SAE Reserved |
| C0746 | ISO/SAE Reserved |
| C0747 | ISO/SAE Reserved |
| C0748 | ISO/SAE Reserved |
| C0749 | ISO/SAE Reserved |
| C0750 | ISO/SAE Reserved |
| C0751 | ISO/SAE Reserved |
| C0752 | ISO/SAE Reserved |
| C0753 | ISO/SAE Reserved |
| C0754 | ISO/SAE Reserved |
| C0755 | ISO/SAE Reserved |
| C0756 | ISO/SAE Reserved |
| C0757 | ISO/SAE Reserved |
| C0758 | ISO/SAE Reserved |
| C0759 | ISO/SAE Reserved |
| C0760 C0761 | ISO/SAE Reserved |
| C0762 | ISO/SAE Reserved ISO/SAE Reserved |
| C0763 | ISO/SAE Reserved |
| C0764 | ISO/SAE Reserved |
| C0765 | ISO/SAE Reserved |
| C0766 | ISO/SAE Reserved |
| C0767 | ISO/SAE Reserved |
| C0768 | ISO/SAE Reserved |
| C0769 | ISO/SAE Reserved |
| C0770 | ISO/SAE Reserved |
| C0771 | ISO/SAE Reserved |
| C0772 | ISO/SAE Reserved |
| C0773 | ISO/SAE Reserved |
| C0774 | ISO/SAE Reserved |
| C0775 | ISO/SAE Reserved |
| C0776 | ISO/SAE Reserved |
| | |



| Codes | |
|----------------|--------------------------------------|
| C0777 | ISO/SAE Reserved |
| C0778 | ISO/SAE Reserved |
| C0779 | ISO/SAE Reserved |
| C0780 | ISO/SAE Reserved |
| C0781 | ISO/SAE Reserved |
| C0782 | ISO/SAE Reserved |
| C0783 | ISO/SAE Reserved |
| C0784 | ISO/SAE Reserved |
| C0785 | ISO/SAE Reserved |
| C0786 | ISO/SAE Reserved |
| C0787 | ISO/SAE Reserved |
| C0788 | ISO/SAE Reserved |
| C0789 | ISO/SAE Reserved |
| C0790 | ISO/SAE Reserved |
| C0791 | ISO/SAE Reserved |
| C0792 | ISO/SAE Reserved |
| C0793 | ISO/SAE Reserved |
| C0794 | ISO/SAE Reserved |
| C0795 | ISO/SAE Reserved |
| C0796 | ISO/SAE Reserved |
| C0797 C0798 | ISO/SAE Reserved |
| C0798 C0799 | ISO/SAE Reserved ISO/SAE Reserved |
| C0799 C079A | ISO/SAE Reserved |
| C079A C079B | ISO/SAE Reserved |
| C079C | ISO/SAE Reserved |
| C079D | ISO/SAE Reserved |
| C079E | ISO/SAE Reserved |
| C079F | ISO/SAE Reserved |
| C0800 | ISO/SAE Reserved |
| C0801 | ISO/SAE Reserved |
| C0802 | ISO/SAE Reserved |
| C0803 | ISO/SAE Reserved |
| C0804 | ISO/SAE Reserved |
| C0805 | ISO/SAE Reserved |
| C0806 | ISO/SAE Reserved |
| C0807 | ISO/SAE Reserved |
| C0808 | ISO/SAE Reserved |
| C0809 | ISO/SAE Reserved |
| C080A | ISO/SAE Reserved |
| C080B | ISO/SAE Reserved |
| C080C | ISO/SAE Reserved |
| C080D | ISO/SAE Reserved |
| C080E | ISO/SAE Reserved |

| Codes | |
|----------------|--------------------------------------|
| C080F | ISO/SAE Reserved |
| C0810 | ISO/SAE Reserved |
| C0811 | ISO/SAE Reserved |
| C0812 | ISO/SAE Reserved |
| C0813 | ISO/SAE Reserved |
| C0814 | ISO/SAE Reserved |
| C0815 | ISO/SAE Reserved |
| C0816 | ISO/SAE Reserved |
| C0817 | ISO/SAE Reserved |
| C0818 | ISO/SAE Reserved |
| C0819 | ISO/SAE Reserved |
| C0820 | ISO/SAE Reserved |
| C0821 | ISO/SAE Reserved |
| C0822 | ISO/SAE Reserved |
| C0823 | ISO/SAE Reserved |
| C0824 | ISO/SAE Reserved |
| C0825 | ISO/SAE Reserved |
| C0826 | ISO/SAE Reserved |
| C0827 | ISO/SAE Reserved |
| C0828 | ISO/SAE Reserved |
| C0829 | ISO/SAE Reserved |
| C0830 | ISO/SAE Reserved |
| C0831 | ISO/SAE Reserved |
| C0832 | ISO/SAE Reserved |
| C0833 | ISO/SAE Reserved |
| C0834 | ISO/SAE Reserved |
| C0835 | ISO/SAE Reserved |
| C0836 C0837 | ISO/SAE Reserved |
| C0837 C0838 | ISO/SAE Reserved |
| C0839 | ISO/SAE Reserved ISO/SAE Reserved |
| C0839 C0840 | ISO/SAE Reserved |
| C0840 C0841 | ISO/SAE Reserved |
| C0842 | ISO/SAE Reserved |
| C0843 | ISO/SAE Reserved |
| C0844 | ISO/SAE Reserved |
| C0845 | ISO/SAE Reserved |
| C0846 | ISO/SAE Reserved |
| C0847 | ISO/SAE Reserved |
| C0848 | ISO/SAE Reserved |
| C0849 | ISO/SAE Reserved |
| C0850 | ISO/SAE Reserved |
| C0851 | ISO/SAE Reserved |
| C0852 | ISO/SAE Reserved |
| | - |

| Codes | |
|----------------|--------------------------------------|
| C0853 | ISO/SAE Reserved |
| C0854 | ISO/SAE Reserved |
| C0855 | ISO/SAE Reserved |
| C0856 | ISO/SAE Reserved |
| C0857 | ISO/SAE Reserved |
| C0858 | ISO/SAE Reserved |
| C0859 | ISO/SAE Reserved |
| C0860 | ISO/SAE Reserved |
| C0861 | ISO/SAE Reserved |
| C0862 | ISO/SAE Reserved |
| C0863 | ISO/SAE Reserved |
| C0864 | ISO/SAE Reserved |
| C0865 | ISO/SAE Reserved |
| C0866 | ISO/SAE Reserved |
| C0867 | ISO/SAE Reserved |
| C0868 | ISO/SAE Reserved |
| C0869 | ISO/SAE Reserved |
| C0870 | ISO/SAE Reserved |
| C0871 | ISO/SAE Reserved |
| C0872 | ISO/SAE Reserved |
| C0873 | ISO/SAE Reserved |
| C0874 | ISO/SAE Reserved |
| C0875 | ISO/SAE Reserved |
| C0876 | ISO/SAE Reserved |
| C0877 | ISO/SAE Reserved |
| C0878 | ISO/SAE Reserved |
| C0879 | ISO/SAE Reserved |
| C0880 | ISO/SAE Reserved |
| C0881 | ISO/SAE Reserved |
| C0882 | ISO/SAE Reserved |
| C0883 | ISO/SAE Reserved |
| C0884 C0885 | ISO/SAE Reserved ISO/SAE Reserved |
| C0885 C0886 | ISO/SAE Reserved |
| C0880 C0887 | ISO/SAE Reserved |
| C0888 | ISO/SAE Reserved |
| C0889 | ISO/SAE Reserved |
| C0890 | ISO/SAE Reserved |
| C0891 | ISO/SAE Reserved |
| C0892 | ISO/SAE Reserved |
| C0892 C0893 | ISO/SAE Reserved |
| C0894 | ISO/SAE Reserved |
| C0895 | ISO/SAE Reserved |
| C0896 | ISO/SAE Reserved |
| | 100,0/11 1(0001 / 00 |

| Codes | |
|----------------|--------------------------------------|
| C0897 | ISO/SAE Reserved |
| C0898 | ISO/SAE Reserved |
| C0899 | ISO/SAE Reserved |
| C0900 | ISO/SAE Reserved |
| C0901 | ISO/SAE Reserved |
| C0902 | ISO/SAE Reserved |
| C0903 | ISO/SAE Reserved |
| C0904 | ISO/SAE Reserved |
| C0905 | ISO/SAE Reserved |
| C0906 | ISO/SAE Reserved |
| C0907 | ISO/SAE Reserved |
| C0908 | ISO/SAE Reserved |
| C0909 | ISO/SAE Reserved |
| C090A | ISO/SAE Reserved |
| C090B | ISO/SAE Reserved |
| C090C | ISO/SAE Reserved |
| C090D | ISO/SAE Reserved |
| C090E | ISO/SAE Reserved |
| C090F | ISO/SAE Reserved |
| C0910 | ISO/SAE Reserved |
| C0911 | ISO/SAE Reserved |
| C0912 C0913 | ISO/SAE Reserved |
| C0913 C0914 | ISO/SAE Reserved ISO/SAE Reserved |
| C0914 C0915 | ISO/SAE Reserved |
| C0915 C0916 | ISO/SAE Reserved |
| C0917 | ISO/SAE Reserved |
| C0918 | ISO/SAE Reserved |
| C0919 | ISO/SAE Reserved |
| C091A | ISO/SAE Reserved |
| C091B | ISO/SAE Reserved |
| C091C | ISO/SAE Reserved |
| C091D | ISO/SAE Reserved |
| C091E | ISO/SAE Reserved |
| C091F | ISO/SAE Reserved |
| C0920 | ISO/SAE Reserved |
| C0921 | ISO/SAE Reserved |
| C0922 | ISO/SAE Reserved |
| C0923 | ISO/SAE Reserved |
| C0924 | ISO/SAE Reserved |
| C0925 | ISO/SAE Reserved |
| C0926 | ISO/SAE Reserved |
| C0927 | ISO/SAE Reserved |
| C0928 | ISO/SAE Reserved |

| Codes | |
|----------------|--------------------------------------|
| C0929 | ISO/SAE Reserved |
| C092A | ISO/SAE Reserved |
| C092B | ISO/SAE Reserved |
| C092C | ISO/SAE Reserved |
| C092D | ISO/SAE Reserved |
| C092E | ISO/SAE Reserved |
| C092F | ISO/SAE Reserved |
| C0930 | ISO/SAE Reserved |
| C0931 | ISO/SAE Reserved |
| C0932 | ISO/SAE Reserved |
| C0933 | ISO/SAE Reserved |
| C0934 | ISO/SAE Reserved |
| C0935 | ISO/SAE Reserved |
| C0936 | ISO/SAE Reserved |
| C0937 | ISO/SAE Reserved |
| C0938 | ISO/SAE Reserved |
| C0939 | ISO/SAE Reserved |
| C093A | ISO/SAE Reserved |
| C093B | ISO/SAE Reserved |
| C093C | ISO/SAE Reserved |
| C093D | ISO/SAE Reserved |
| C093E | ISO/SAE Reserved |
| C093F | ISO/SAE Reserved |
| C0940 | ISO/SAE Reserved |
| C0941 | ISO/SAE Reserved |
| C0942 | ISO/SAE Reserved ISO/SAE Reserved |
| C0943 | |
| C0944 C0945 | ISO/SAE Reserved ISO/SAE Reserved |
| C0945 C0946 | ISO/SAE Reserved |
| C0940 C0947 | ISO/SAE Reserved |
| C0947 | ISO/SAE Reserved |
| C0949 | ISO/SAE Reserved |
| C094A | ISO/SAE Reserved |
| C094B | ISO/SAE Reserved |
| C094C | ISO/SAE Reserved |
| C094D | ISO/SAE Reserved |
| C094E | ISO/SAE Reserved |
| C094F | ISO/SAE Reserved |
| C0950 | ISO/SAE Reserved |
| C0951 | ISO/SAE Reserved |
| C0952 | ISO/SAE Reserved |
| C0953 | ISO/SAE Reserved |
| C0954 | ISO/SAE Reserved |
| | |

| Codes | |
|----------------|--------------------------------------|
| C0955 | ISO/SAE Reserved |
| C0956 | ISO/SAE Reserved |
| C0957 | ISO/SAE Reserved |
| C0958 | ISO/SAE Reserved |
| C0959 | ISO/SAE Reserved |
| C095A | ISO/SAE Reserved |
| C095B | ISO/SAE Reserved |
| C095C | ISO/SAE Reserved |
| C095D | ISO/SAE Reserved |
| C095E | ISO/SAE Reserved |
| C095F | ISO/SAE Reserved |
| C0960 | ISO/SAE Reserved |
| C0961 | ISO/SAE Reserved |
| C0962 | ISO/SAE Reserved |
| C0963 | ISO/SAE Reserved |
| C0964 | ISO/SAE Reserved |
| C0965 | ISO/SAE Reserved |
| C0966 | ISO/SAE Reserved |
| C0967 | ISO/SAE Reserved |
| C0968 | ISO/SAE Reserved |
| C0969 C096A | ISO/SAE Reserved ISO/SAE Reserved |
| C096A C096B | ISO/SAE Reserved |
| C096C | ISO/SAE Reserved |
| C096D | ISO/SAE Reserved |
| C096E | ISO/SAE Reserved |
| C096F | ISO/SAE Reserved |
| C0970 | ISO/SAE Reserved |
| C0971 | ISO/SAE Reserved |
| C0972 | ISO/SAE Reserved |
| C0973 | ISO/SAE Reserved |
| C0974 | ISO/SAE Reserved |
| C0975 | ISO/SAE Reserved |
| C0976 | ISO/SAE Reserved |
| C0977 | ISO/SAE Reserved |
| C0978 | ISO/SAE Reserved |
| C0979 | ISO/SAE Reserved |
| C097A | ISO/SAE Reserved |
| C097B | ISO/SAE Reserved |
| C097C | ISO/SAE Reserved |
| C097D | ISO/SAE Reserved |
| C097E | ISO/SAE Reserved |
| C097F | ISO/SAE Reserved |
| C0980 | ISO/SAE Reserved |

| Codes | |
|----------------|--------------------------------------|
| C0981 | ISO/SAE Reserved |
| C0982 | ISO/SAE Reserved |
| C0983 | ISO/SAE Reserved |
| C0984 | ISO/SAE Reserved |
| C0985 | ISO/SAE Reserved |
| C0986 | ISO/SAE Reserved |
| C0987 | ISO/SAE Reserved |
| C0988 | ISO/SAE Reserved |
| C0989 | ISO/SAE Reserved |
| C098A | ISO/SAE Reserved |
| C098B | ISO/SAE Reserved |
| C098C | ISO/SAE Reserved |
| C098D | ISO/SAE Reserved |
| C098E | ISO/SAE Reserved |
| C098F | ISO/SAE Reserved |
| C0990 | ISO/SAE Reserved |
| C0991 | ISO/SAE Reserved |
| C0992 | ISO/SAE Reserved |
| C0993 | ISO/SAE Reserved |
| C0994 | ISO/SAE Reserved |
| C0995 | ISO/SAE Reserved |
| C0996 | ISO/SAE Reserved |
| C0997 | ISO/SAE Reserved |
| C0998 | ISO/SAE Reserved |
| C0999 | ISO/SAE Reserved |
| C099A C099B | ISO/SAE Reserved |
| C099B C099C | ISO/SAE Reserved |
| C099C C099D | ISO/SAE Reserved |
| C099D C099E | ISO/SAE Reserved ISO/SAE Reserved |
| C099E C099F | ISO/SAE Reserved |
| C0991 C09A0 | ISO/SAE Reserved |
| C09A0 | ISO/SAE Reserved |
| C09A2 | ISO/SAE Reserved |
| C09A3 | ISO/SAE Reserved |
| C09A4 | ISO/SAE Reserved |
| C09A5 | ISO/SAE Reserved |
| C09A6 | ISO/SAE Reserved |
| C09A7 | ISO/SAE Reserved |
| C09A8 | ISO/SAE Reserved |
| C09A9 | ISO/SAE Reserved |
| C09AA | ISO/SAE Reserved |
| C09AB | ISO/SAE Reserved |
| C09AC | ISO/SAE Reserved |
| | |

| Codes | |
|----------------|--------------------------------------|
| C09AD | ISO/SAE Reserved |
| C09AE | ISO/SAE Reserved |
| C09AF | ISO/SAE Reserved |
| C09B0 | ISO/SAE Reserved |
| C09B1 | ISO/SAE Reserved |
| C09B2 | ISO/SAE Reserved |
| C09B3 | ISO/SAE Reserved |
| C09B4 | ISO/SAE Reserved |
| C09B5 | ISO/SAE Reserved |
| C09B6 | ISO/SAE Reserved |
| C09B7 | ISO/SAE Reserved |
| C09B8 | ISO/SAE Reserved |
| C09B9 | ISO/SAE Reserved |
| C09BA | ISO/SAE Reserved |
| C09BB | ISO/SAE Reserved |
| C09BC | ISO/SAE Reserved |
| C09BD | ISO/SAE Reserved |
| C09BE | ISO/SAE Reserved |
| C09BF | ISO/SAE Reserved |
| C09C0 | ISO/SAE Reserved |
| C09C1 | ISO/SAE Reserved |
| C09C2 | ISO/SAE Reserved |
| C09C3 | ISO/SAE Reserved |
| C09C4 | ISO/SAE Reserved |
| C09C5 | ISO/SAE Reserved |
| C09C6 | ISO/SAE Reserved |
| C09C7 | ISO/SAE Reserved |
| C09C8 | ISO/SAE Reserved |
| C09C9 | ISO/SAE Reserved |
| C09CA | ISO/SAE Reserved |
| C09CB | ISO/SAE Reserved |
| C09CC C09CD | ISO/SAE Reserved ISO/SAE Reserved |
| C09CD C09CE | ISO/SAE Reserved |
| C09CE C09CF | ISO/SAE Reserved |
| C09C1 C09D0 | ISO/SAE Reserved |
| C09D1 | ISO/SAE Reserved |
| C09D2 | ISO/SAE Reserved |
| C09D3 | ISO/SAE Reserved |
| C09D3 | ISO/SAE Reserved |
| C09D5 | ISO/SAE Reserved |
| C09D6 | ISO/SAE Reserved |
| C09D7 | ISO/SAE Reserved |
| C09D8 | ISO/SAE Reserved |
| | |

| Codes | Definition |
|----------------|--|
| C09D9 | ISO/SAE Reserved |
| C09DA | ISO/SAE Reserved |
| C09DB | ISO/SAE Reserved |
| C09DC | ISO/SAE Reserved |
| C09DD | ISO/SAE Reserved |
| C09DE | ISO/SAE Reserved |
| C09DF | ISO/SAE Reserved |
| C09E0 | ISO/SAE Reserved |
| C09E1 | ISO/SAE Reserved |
| C09E2 | ISO/SAE Reserved |
| C09E3 | ISO/SAE Reserved |
| C09E4 | ISO/SAE Reserved |
| C09E5 | ISO/SAE Reserved |
| C09E6 | ISO/SAE Reserved |
| C09E7 | ISO/SAE Reserved |
| C09E8 | ISO/SAE Reserved |
| C09E9 | ISO/SAE Reserved |
| C09EA | ISO/SAE Reserved |
| C09EB | ISO/SAE Reserved |
| C09EC | ISO/SAE Reserved |
| C09ED | ISO/SAE Reserved |
| C09EE | ISO/SAE Reserved |
| C09EF | ISO/SAE Reserved |
| C09F0 | ISO/SAE Reserved |
| C09F1 | ISO/SAE Reserved |
| C09F2 | ISO/SAE Reserved |
| C09F3 | ISO/SAE Reserved |
| C09F4 | ISO/SAE Reserved |
| C09F5 | ISO/SAE Reserved |
| C09F6 | ISO/SAE Reserved |
| C09F7 | ISO/SAE Reserved |
| C09F8 | ISO/SAE Reserved |
| C09F9 C09FA | ISO/SAE Reserved ISO/SAE Reserved |
| CO9FA CO9FB | ISO/SAE Reserved |
| C09FC | ISO/SAE Reserved |
| C09FD | ISO/SAE Reserved |
| C09FE | ISO/SAE Reserved |
| C09FF | ISO/SAE Reserved |
| C0C88 | ISO/SAE Reserved |
| C3000 | ISO/SAE Reserved |
| | Option Configuration |
| | XX: Vehicle Identification Number Information Not Programmed |
| | XX: ECU Hardware |
| Showing Divid | |

Codes Definition Chevrolet B1428 Ignition Switched Power Run/Crank Relay Circuit **Chevrolet B2713** Gearshift Lock Circuit High **Chevrolet B2722** Trans Preference Switch Circuit Low **Chevrolet C120A** Brake Boost Regulation Pressure Sensor Plausibility Failure **Chevrolet C120C** Brake Pedal Position Sensor 4 Not Plausible Chevrolet C120D Traction Control Power Switch Circuit Open **Chevrolet C120E** Traction Control Power Switch Circuit Shorted Chevrolet C121A ABS Regenerative Axle Pressure Sensor Chevrolet C121C EBCM Internal Communication Error Chevrolet C121D Improper Shutdown Chevrolet C121E EBCM Malfunction Chevrolet C121F EBCM Unexpected Exception Chevrolet C122E Wheel Speed Sensor Frequency Error Chevrolet C123A EBCM High End Timer Watchdog Chevrolet C123B EBCM High End Timer Program Overflow Chevrolet C123C EBCM High End Timer RAM Fault Chevrolet C123D EBCM Solenoid Timeout **Chevrolet C123E** EBCM High End Timer Periodic Interrupt Chevrolet C123F EBCM Serial Peripheral Interface Inoperative Chevrolet C1255 Electronic Control Unit Performance Chevrolet C1256 Program ROM Checksum Error Chevrolet C126D EBCM communication Bus B RAM Error Chevrolet C126E EBCM Stack Overrun **Chevrolet C126F** EBCM Serial Peripheral Interface Performance **Chevrolet C1276** Delivered Torque Signal Circuit Malfunction **Chevrolet C1277** Requested Torque Signal Circuit Malfunction Chevrolet C127C EBCM Self Test Failed Chevrolet C127D Antilock Brake System (ABS) Brake Switch Circuit **Chevrolet C127E** EBCM Module High Temperature Chevrolet C128A Brake Boost Regulation Pressure Sensor Above Maximum Threshold Chevrolet C128B Master Cylinder Pressure Sensor Above Maximum Threshold Chevrolet C128C ABS Regenerative Axle Pressure Sensor Offset Error **Chevrolet C128D** Brake Boost Regulation Pressure Sensor Chevrolet C128E Master Cylinder Pressure Sensor Chevrolet C128F ABS Regenerative Axle Pressure Sensor Raw Offset Error Chevrolet C129A Brake Pedal Position Sensor 3 Circuit Low Chevrolet C129B Brake Pedal Position Sensor 3 Circuit High Chevrolet C129D Brake Pedal Position Sensor 4 Circuit Low Chevrolet C129E Brake Pedal Position Sensor 4 Circuit High Chevrolet C12A7 Brake Boost Solenoid Valve Circuit Performance Chevrolet C12B1 ABS Master Cylinder Pressure Sensor and Brake Pedal Position Sensor Not Plausible Chevrolet C12B2 Master Cylinder Pressure Sensor Short to Ground or Open



Codes Definition Chevrolet C12B3 Master Cylinder Pressure Sensor Short to Battery Chevrolet C12B4 Master Cylinder Pressure Sensor Erratic Chevrolet C12B6 High Pressure Accumulator Pressure Sensor Short to Ground or Open **Chevrolet C12B7** High Pressure Accumulator Pressure Sensor Short to Battery Chevrolet C12B8 High Pressure Accumulator Pressure Sensor Erratic Chevrolet C12B9 ABS Regenerative Axle Pressure Sensor Circuit Open or Short To Ground **Chevrolet C12BA** ABS Regenerative Axle Pressure Sensor Circuit Short To Battery Chevrolet C12BB ABS Regenerative Axle Pressure Sensor Erratic Chevrolet C12BC Brake Boost Regulation Pressure Sensor Short to Ground or Open Chevrolet C12BD Brake Boost Regulation Pressure Sensor Short to Battery Chevrolet C12BE Brake Boost Regulation Pressure Sensor Erratic **Chevrolet C12C2** ABS Left Front Isolation Solenoid Valve Driver Shorted Chevrolet C12C5 ABS Right Front Isolation Solenoid Valve Diver Shorted Chevrolet C12C6 ABS Left Rear Isolation Solenoid Valve Circuit Failure Chevrolet C12C8 ABS Right Rear Isolation Solenoid Valve Circuit Failure Chevrolet C12CC ABS Left Front Dump Solenoid Valve Driver Shorted Chevrolet C12CF ABS Right Front Dump Solenoid Valve Driver Shorted Chevrolet C12D0 ABS Left Rear Dump Solenoid valve Circuit Open Chevrolet C12D1 ABS Left Rear Dump Solenoid Valve Circuit Shorted Chevrolet C12D2 ABS Left Rear Dump Solenoid Valve Driver Shorted Chevrolet C12D3 ABS Right Rear Dump Solenoid Valve Circuit Open Chevrolet C12D4 ABS Right Rear Dump Solenoid Valve Circuit Shorted Chevrolet C12D5 ABS Right Rear Dump Solenoid Driver Shorted Chevrolet C12D6 ABS Base Brake Open Solenoid Circuit Open Chevrolet C12D7 ABS Base Brake Open Solenoid Circuit Shorted Chevrolet C12D8 ABS Base Brake Open Solenoid Driver Shorted Chevrolet C12D9 ABS Base Brake Closed Solenoid Circuit Open Chevrolet C12DA ABS Base Brake Closed Solenoid Circuit Shorted Chevrolet C12DB ABS Base Brake Closed Solenoid Driver Shorted Chevrolet C12DC Brake Boost Solenoid Valve Circuit Malfunction Chevrolet C12DD Brake Boost Solenoid Valve Circuit Shorted Chevrolet C12DE ABS Proportioning Valve Solenoid Circuit Open Chevrolet C12DF ABS Proportioning Valve Solenoid Driver Shorted Chevrolet C12E1 Device Voltage Low Chevrolet C12E2 Device Voltage High **Chevrolet C12E4** Device Voltage Reference Output Circuit Chevrolet C12E6 Valve Relay Contact Circuit Open Chevrolet C12E7 Valve Relay Contact Circuit Resistance Below Threshold Chevrolet C12F2 ABS Left Rear Isolation Solenoid Valve Circuit Shorted Chevrolet C12F3 ABS Left Rear Isolation Solenoid Circuit Performance Chevrolet C12F4 ABS Proportioning Valve Solenoid Performance

DBDCodeX

| Codes | Definition |
|------------------------|--|
| Chevrolet C12F5 | ABS Right Rear Isolation Solenoid Circuit Shorted |
| Chevrolet C12F6 | ABS Right Rear Isolation Solenoid Performance |
| Chevrolet C12F7 | ABS Boost Pressure Sensor and Regenerative Axle Pressure Sensor Not Plausible |
| Chevrolet C12F8 | Brake Pedal Position Sensor 3 Not Plausible |
| | Camshaft Phasing System Malfunction |
| | CNG Fuel Injector 1 Circuit Malfunction |
| | CNG Fuel Injector 2 Circuit Malfunction |
| | CNG Fuel Injector 3 Circuit Malfunction |
| Chevrolet P1024 | CNG Fuel Injector 4 Circuit Malfunction |
| Chevrolet P1025 | CNG Fuel Injector 5 Circuit Malfunction |
| Chevrolet P1026 | CNG Fuel Injector 6 Circuit Malfunction |
| Chevrolet P1027 | CNG Fuel Injector 7 Circuit Malfunction |
| Chevrolet P1028 | CNG Fuel Injector 8 Circuit Malfunction |
| Chevrolet P1043 | Reductant Pump High Control Circuit Low Voltage |
| Chevrolet P1044 | Reductant Pump High Control Circuit High Voltage |
| Chevrolet P1045 | Reductant Purge Valve High Control Circuit Low Voltage |
| Chevrolet P1048 | Reductant Injector High Control Circuit Low Voltage |
| Chevrolet P1049 | Reductant Injector High Control Circuit High Voltage |
| Chevrolet P1082 | Fuel Filter Pressure Switch Performance |
| Chevrolet P1093 | Fuel Rail Pressure Range/Performance |
| Chevrolet P1094 | Fuel Rail Pressure Solenoid Circuit Malfunction |
| Chevrolet P10CC | Exhaust Aftertreatment Fuel Injector Control Circuit Shorted |
| Chevrolet P10CD | Exhaust Aftertreatment Fuel Injector High Control Circuit Low Voltage |
| Chevrolet P10CE | VOLIAGE |
| Chevrolet P10FD | Electric A/C Compressor Control Module A/C Compressor Motor Current Feedback Circuit High Voltage |
| Chevrolet P1101 | Intake Air Flow System Performance |
| Chevrolet P1106 | MAP Sensor Circuit Intermittent High Input |
| Chevrolet P1107 | MAP Sensor Circuit Intermittent Low Input |
| Chevrolet P1108 | BARO to MAP Sensor Comparison Too High |
| Chevrolet P1111 | IAT Sensor Circuit Intermittent High Input |
| Chevrolet P1112 | IAT Sensor Circuit Intermittent Low Input |
| Chevrolet P1114 | ECT Sensor Circuit Intermittent Low Input |
| | ECT Sensor Circuit Intermittent High Input |
| Chevrolet P1116 | Engine Coolant Temperature (ECT) Sensor Performance |
| Chevrolet P111C | Charge Air Cooler (CAC) Temperature - Intake Air Temperature (IAT) Sensor 2 Correlation |
| Chevrolet P111D | Intake Air Temperature (IAT) Sensor 1-Fuel Temperature Sensor 2 Correlation |
| Chevrolet P1120 | TP Sensor 1 Circuit Malfunction |
| Chevrolet P1121 | TP Sensor Circuit High Input (Intermittent) |
| Chevrolet P1122 | TP Sensor Circuit Intermittent Low Input |
| | |



Codes Definition Chevrolet P1125 Accelerator Pedal Position System Malfunction Chevrolet P1132 HO2S-11 (Bank 1 Sensor 1) Heater Circuit Malfunction Chevrolet P1133 HO2S Insufficient Switching Bank 1 Sensor 1 Chevrolet P1134 HO2S-11 (Bank 1 Sensor 1) Transition Time Ratio Chevrolet P1137 HO2S-12 Low Voltage During Power Enrichment Chevrolet P1138 HO2S (Sensor 2) Voltage Too High **Chevrolet P113A** Exhaust Gas Temperature Sensors 3-4 Not Plausible Chevrolet P1152 HO2S-21 (Bank 2 Sensor 1) Heater Circuit Malfunction Chevrolet P1153 HO2S Insufficient Switching Bank 2 Sensor 1 Chevrolet P1154 HO2S-21 (Bank 2 Sensor 1) Transition Time Ratio Chevrolet P1166 HO2S Circuit Low Voltage During Power Enrichment Sensor 2 Chevrolet P1167 HO2S Circuit High Voltage During Decel Fuel Cut-Off (DFCO) Sensor 1 Chevrolet P1171 Fuel System Lean During Acceleration Chevrolet P1172 Secondary Fuel Pump Insufficient/No Fuel Flow Chevrolet P1174 Fuel Trim Cylinder Balance **Chevrolet P1175** Fuel Trim Cylinder Balance Bank 2 Chevrolet P1182 Supercharger Inlet Pressure (SCIP) Sensor Performance Chevrolet P1183 Supercharger Inlet Pressure (SCIP) Sensor Circuit Low Voltage Chevrolet P1184 Supercharger Inlet Pressure (SCIP) Sensor Circuit High Voltage **Chevrolet P1187** Engine Oil Temperature Sensor Low Input **Chevrolet P1188** Engine Oil Pressure Sensor High Input **Chevrolet P1189** Engine Oil Pressure Switch Circuit Malfunction Chevrolet P1191 Intake Air Duct Leak Chevrolet P11AF HO2S Performance - Signal High During Moderate Load Sensor 2 Chevrolet P11B2 HO2S Performance - Signal Low During Moderate Load Sensor 2 Chevrolet P11B5 HO2S Current Performance Sensor 2 **Chevrolet P11CB** NOx Sensor 1 Performance - Signal High Chevrolet P11CC NOx Sensor 1 Performance - Signal Low **Chevrolet P11DB** NOx Sensor 1 Current Performance **Chevrolet P11DC** NOx Sensor 2 Current Performance Chevrolet P1200 Fuel Injector Circuit Malfunction Chevrolet P1201 Gas Mass Sensor Range/Performance Chevrolet P1202 Gas Mass Flow Sensor Low Frequency **Chevrolet P1203** Gas Mass Flow Sensor High Frequency **Chevrolet P1207** FICM PWM Signal To PCM Circuit Malfunction **Chevrolet P1208** Fuel Rail Pressure Signal To PCM Circuit Malfunction Chevrolet P1214 Injection Pump Timing Offset Chevrolet P1215 High Pressure Or Low Pressure Lockout, MIL, NGO Circuit Malfunction **Chevrolet P1216** Fuel Solenoid Response Time Too Short **Chevrolet P1217** Fuel Solenoid Response Time Too Long Chevrolet P1218 Injection Pump Calibration Circuit Malfunction Chevrolet P121B Mass Air Flow (MAF) Sensor Supply Voltage Control Circuit Low



| Codes | Definition |
|------------------------|---|
| Chevrolet P121C | Mass Air Flow (MAF) Sensor Supply Voltage Control Circuit High |
| Chevrolet P1220 | TP Sensor 2 Circuit Malfunction |
| Chevrolet P1221 | Fuel Pump Secondary System Circuit Low Input |
| Chevrolet P1222 | Injector Control Circuit Malfunction (Intermittent) |
| Chevrolet P1223 | Injection Control Circuit Commanded State to Actual State Mismatch |
| Chevrolet P1224 | Fuel Injector 1 Control Circuit Shorted |
| Chevrolet P1226 | Injection Control Circuit Commanded State to Actual State Mismatch |
| Chevrolet P1227 | Fuel Injector 2 Control Circuit Shorted |
| Chevrolet P1229 | Injection Control Circuit Commanded State to Actual State Mismatch |
| Chevrolet P122A | Fuel Injector 3 Control Circuit Shorted |
| Chevrolet P122C | Intake Air (IA) Flow Valve Control Circuit Shorted |
| Chevrolet P122D | Intake Air (IA) Flow Position Sensor Exceeded Learning Limit |
| | Intake Air (IA) Flow Valve Control Circuit 2 Low Voltage |
| | Intake Air (IA) Flow Valve Control Circuit 2 High Voltage |
| | Fuel Pump Relay Control Circuit Low Voltage |
| Chevrolet P1231 | Fuel Pump Relay Control Circuit High Voltage |
| Chevrolet P1232 | Injection Control Circuit Commanded State to Actual State Mismatch |
| Chevrolet P1233 | Fuel Injector 4 Control Circuit Shorted |
| Chevrolet P1235 | Injection Control Circuit Commanded State to Actual State Mismatch |
| Chevrolet P1236 | Fuel Injector 5 Control Circuit Shorted |
| Chevrolet P1238 | Injection Control Circuit Commanded State to Actual State Mismatch |
| Chevrolet P1239 | Fuel Injector 6 Control Circuit Shorted |
| Chevrolet P1241 | Injection Control Circuit Commanded State to Actual State Mismatch |
| Chevrolet P1242 | Fuel Injector 7 Control Circuit Shorted |
| Chevrolet P1244 | Injection Control Circuit Commanded State to Actual State Mismatch |
| Chevrolet P1247 | Fuel Injector 8 Control Circuit Shorted |
| Chevrolet P1250 | Early Fuel Evaporation Heater Circuit Malfunction |
| Chevrolet P1255 | Fuel Pump Control Module Driver Over-temperature |
| Chevrolet P1258 | Engine Coolant Over temperature - Protection Mode Active |
| | Fuel Pressure Regulator 2 High Control Circuit Low Voltage |
| | Fuel Pressure Regulator 2 High Control Circuit High Voltage |
| | High Voltage Circuit Fault – Cylinders 1, 4, 6, and 7 |
| | High Voltage Circuit Fault – Cylinders 2, 3, 5, and 8 |
| | ECM Cannot Process APP Analog Data into Digital Data |
| | Accelerator Pedal Position Sensor 1-2 Correlation |
| | Accelerator Pedal Position Sensor 2-3 Correlation |
| Unevrolet P12/3 | Accelerator Pedal Position Sensor 1-3 Correlation |



Codes Definition Chevrolet P1275 Accelerator Pedal Position Sensor 1 Circuit Malfunction **Chevrolet P1276** Accelerator Pedal Position Sensor 1 Range/Performance Chevrolet P1277 APP Sensor 1 Low Voltage Chevrolet P1278 APP Sensor 1 High Voltage Chevrolet P1280 Accelerator Pedal Position Sensor 2 Circuit Malfunction Chevrolet P1281 Accelerator Pedal Position Sensor 2 Range/Performance Chevrolet P1282 APP Sensor 2 Low Voltage Chevrolet P1283 APP Sensor 2 High Voltage Chevrolet P1285 Accelerator Pedal Position Sensor 3 Circuit Malfunction Chevrolet P1286 Accelerator Pedal Position Sensor 3 Range/Performance Chevrolet P1287 APP Sensor 3 Low Voltage Chevrolet P1288 APP Sensor 3 High Voltage Chevrolet P128E Fuel Rail Pressure Performance **Chevrolet P1293** Injector Circuit Low to High Current Transition Time Bank 1 **Chevrolet P1294** Injector Circuit Low to High Current Transition Time Bank 2 **Chevrolet P1295** Injector Circuit High to Low Current Transition Time Bank 1 Chevrolet P1296 Injector Circuit High to Low Current Transition Time Bank 2 Chevrolet P12B3 Cylinder 1 Injection Timing Retarded Chevrolet P12B4 Cylinder 1 Injection Timing Advanced Chevrolet P12B5 Cylinder 2 Injection Timing Retarded Chevrolet P12B6 Cylinder 2 Injection Timing Advanced Chevrolet P12B7 Cylinder 3 Injection Timing Retarded Chevrolet P12B8 Cylinder 3 Injection Timing Advanced **Chevrolet P12B9** Cylinder 4 Injection Timing Retarded Chevrolet P12BA Cylinder 4 Injection Timing Advanced **Chevrolet P12BB** Cylinder 5 Injection Timing Retarded Chevrolet P12BC Cylinder 5 Injection Timing Advanced Chevrolet P12BD Cylinder 6 Injection Timing Retarded Chevrolet P12BE Cylinder 6 Injection Timing Advanced Chevrolet P12BF Cylinder 7 Injection Timing Retarded Chevrolet P12C0 Cylinder 7 Injection Timing Advanced **Chevrolet P12C1** Cylinder 8 Injection Timing Retarded Chevrolet P12C2 Cylinder 8 Injection Timing Advanced Chevrolet P1300 Ignition Coil 1 Primary Feedback Circuit Malfunction Chevrolet P1305 Ignition Coil 2 Primary Feedback Circuit Malfunction Chevrolet P1310 Ignition Coil 3 Primary Feedback Circuit Malfunction Chevrolet P1315 Ignition Coil 4 Primary Feedback Circuit Malfunction Chevrolet P1320 Crankshaft Position (CKP) System Variation Not Learned Chevrolet P1321 Crankshaft Position (CKP) Reluctor Wheel Performance. Chevrolet P1335 Crankshaft Position Sensor Circuit Malfunction Chevrolet P1336 CKP Sensor System Variation Not Learned Chevrolet P1345 Camshaft To Crankshaft Position Correlation Chevrolet P1346 Intake Camshaft Position System Performance Chevrolet P1349 Intake Camshaft Position System Performance

OBDCodeX

Codes Definition **Chevrolet P1350** Bypass Line Monitor Circuit Malfunction **Chevrolet P1351** ICM Control Circuit High Or Pulses Detected When Open Chevrolet P1352 ICM Signal Circuit High Input **Chevrolet P1361** ICM Ignition Control Circuit Low Input **Chevrolet P1362** Ignition Bypass Circuit Low Voltage Chevrolet P1371 DI Ignition Low-resolution Circuit Malfunction Chevrolet P1374 IC Module 3X Reference Circuit Malfunction **Chevrolet P1380** Misfire Detected - Rough Road Data Not Available Chevrolet P1381 Misfire Detected - No Communication with Brake Control Module Chevrolet P1382 Wheel Speed Sensor Circuit Chevrolet P1385 Wheel Speed Sensor Circuit Chevrolet P1390 Wheel Speed Sensor Circuit Chevrolet P1391 Rough Road Sensor Performance Chevrolet P1392 Rough Road Sensor Circuit Low Voltage Chevrolet P1393 Rough Road Sensor Circuit High Voltage Chevrolet P1396 Wheel Speed Sensor Circuit w/o ABS Chevrolet P1397 Wheel Speed Sensor Circuit w/ABS **Chevrolet P1400** Cold Start Injection Monitoring Chevrolet P1402 Exhaust Gas Recirculation (EGR) Flow Insufficient **Chevrolet P1403** Exhaust Gas Recirculation Error (EGR Solenoid 1) **Chevrolet P1404** Exhaust Gas Recirculation Error (EGR Solenoid 2) Chevrolet P1405 Exhaust Gas Recirculation Error (EGR Solenoid 3) **Chevrolet P1406** EGR Valve Pintle Position Circuit Malfunction Chevrolet P1407 Exhaust Gas Recirculation (EGR) Motor Control Circuit Shorted Chevrolet P1408 MAP Sensor Circuit Malfunction **Chevrolet P1409** Exhaust Gas Recirculation (EGR) System Performance Exhaust Gas Recirculation (EGR) Cooler Bypass Position Sensor **Chevrolet P140A Exceeded Learning Limit** Chevrolet P140B Exhaust Gas Recirculation (EGR) Flow Insufficient **Chevrolet P140C** Exhaust Gas Recirculation (EGR) Flow Excessive Exhaust Gas Recirculation (EGR) Motor Control Circuit 2 Low **Chevrolet P140D** Voltage Exhaust Gas Recirculation (EGR) Motor Control Circuit 2 High **Chevrolet P140E** Voltage Chevrolet P140F Exhaust Gas Recirculation (EGR) Motor Current Performance Chevrolet P1410 Fuel Tank Pressure System Range/Performance Exhaust Gas Recirculation (EGR) Cooler Bypass Valve Control **Chevrolet P1411** Circuit 2 Low Voltage Exhaust Gas Recirculation (EGR) Cooler Bypass Valve Control **Chevrolet P1412 Circuit 2 High Voltage** Exhaust Gas Recirculation (EGR) Cooler Bypass Valve Control **Chevrolet P1413 Circuit Shorted** Exhaust Gas Recirculation (EGR) Cooler Bypass Valve Current **Chevrolet P1414** Performance Chevrolet P1415 Secondary Air Injection System (Bank 1) Malfunction



| Codes | Definition |
|------------------------|---|
| Chevrolet P1416 | Secondary Air Injection System (Bank 2) Malfunction |
| Chevrolet P1431 | Fuel Level Sensor 2 Signal Range/Performance |
| Chevrolet P1432 | Fuel Level Sensor 2 Circuit Low Input |
| Chevrolet P1433 | Fuel Level Sensor (Right Side) Circuit High Input |
| | EVAP System Flow During Non-Purge |
| Chevrolet P1442 | EVAP Purge Solenoid Switch Static Test Malfunction |
| Chevrolet P1448 | Diesel Particulate Filter Regeneration Frequency Too Low |
| Chevrolet P144B | Closed Loop Diesel Particulate Filter (DPF) Regeneration Control At Limit - Stage 1 Temperature Too Low |
| Chevrolet P144C | Closed Loop Diesel Particulate Filter (DPF) Regeneration Control At Limit - Stage 1 Temperature Too High |
| Chevrolet P144E | Closed Loop Diesel Particulate Filter (DPF) Regeneration Control At Limit - Stage 2 Temperature Too Low |
| Chevrolet P144F | Closed Loop Diesel Particulate Filter (DPF) Regeneration Control At Limit - Stage 2 Temperature Too High |
| Chevrolet P1450 | Barometric Pressure Sensor Circuit Malfunction |
| Chevrolet P1451 | Barometric Pressure Sensor Range/Performance |
| Chevrolet P1458 | Evaporative Emission (EVAP) System Leak Detection Pump Pressure Sensor Performance |
| Chevrolet P1459 | Evaporative Emission (EVAP) System Leak Detection Pump Pressure Sensor Circuit Low Voltage |
| Chevrolet P145A | Evaporative Emission (EVAP) System Leak Detection Pump Pressure Sensor Circuit High Voltage |
| Chevrolet P145C | Evaporative Emission (EVAP) System Leak Detection Pump Stuck Off |
| Chevrolet P145D | Evaporative Emission (EVAP) System Leak Detection Pump Stuck On |
| Chevrolet P145E | Evaporative Emission (EVAP) System Leak Detection Pump to Vent Solenoid Valve Leak Detected |
| Chevrolet P145F | Evaporative Emission (EVAP) System Reference Orifice Performance |
| Chevrolet P1460 | Cooling Fan Control System Malfunction |
| Chevrolet P1461 | Evaporative Emission (EVAP) System Pressure Incorrect During Fuel Fill Door Open Request |
| Chevrolet P1481 | Cooling Fan Speed Signal Lost |
| Chevrolet P1482 | Cooling Fan Control Circuit Improper Voltage |
| | Engine Cooling System Range/Performance |
| | Cooling Fan Speed Excessive RPM |
| | Cooling Fan Output Circuit |
| | Cooling Fan Output Circuit Low Voltage |
| | Cooling Fan Output Circuit High Voltage |
| | Cooling Fan Signal Circuit Performance |
| | Cooling Fan Signal Circuit Low Voltage |
| | Cooling Fan Signal Circuit High Voltage |
| | Starter Signal Circuit Malfunction |
| Uneviolet F1504 | VSS Circuit Voltage Too Low |



Codes Definition Chevrolet P1508 Idle Speed Low RPM Chevrolet P1509 Idle Speed High RPM Chevrolet P150A Transmission Output Speed Signal Circuit Chevrolet P150B Transmission Output Speed Sensor Circuit Intermittent Chevrolet P150C Transmission Control Module Engine Speed Request Signal Message Counter Incorrect **Chevrolet P150D** Supply Voltage Circuit 2 Low Voltage **Chevrolet P150E** Supply Voltage Circuit 1 Low Voltage **Chevrolet P1510** Backup Power Supply Malfunction Chevrolet P1511 Idle Speed Control (ISC) Motor Control Circuit **Chevrolet P1512** Control Module Throttle Actuator Position Performance Chevrolet P1513 Idle Speed Control (ISC) System Performance Chevrolet P1514 Throttle Body Performance Chevrolet P1515 Control Module Throttle Actuator Position Performance Chevrolet P1516 Throttle Actuator Control (TAC) Module Throttle Actuator **Position Performance Chevrolet P1517** Throttle Actuator Control Module Performance Chevrolet P1518 Throttle Actuator Control Module Serial Data Malfunction **Chevrolet P1519** Throttle Actuator Control Module Range/Performance **Chevrolet P151C** Air Conditioning (A/C) Low Side Refrigerant Pressure Sensor Not Plausible Chevrolet P1520 Park Neutral Position Switch Circuit Malfunction Chevrolet P1523 TAC Module Return Range/Performance Chevrolet P1530 Air Conditioning Head Pressure Switch Circuit Malfunction **Chevrolet P1532** A/C Evaporative Temp Sensor Circuit Low Input Chevrolet P1533 A/C Evaporative Temp Sensor Circuit High Input Chevrolet P1537 Air Conditioning (A/C) Clutch Relay Control Circuit High Voltage **Chevrolet P1538** Air Conditioning (A/C) Clutch Relay Control Circuit Low Voltage **Chevrolet P1539** Air Conditioning Clutch Status High Input Chevrolet P153B Air Conditioning (A/C) Evaporator Temperature Sensor 2 Not Plausible **Chevrolet P1543** Air Conditioning System Range/Performance **Chevrolet P1545** Air Conditioning Clutch Relay Control Circuit Malfunction Chevrolet P1546 A/C Clutch Status Circuit Low Input Chevrolet P154A Intake Air (IA) Heater Feedback Circuit Chevrolet P154B Intake Air (IA) Heater Voltage Signal Circuit **Chevrolet P154C** Intake Air (IA) Heater Current Signal Circuit **Chevrolet P154D** Intake Air (IA) Heater Temperature Signal Circuit **Chevrolet P1550** Stepper Motor Cruise Control Circuit Malfunction Chevrolet P1551 Throttle Valve Rest Position Not Reached During Learn Chevrolet P1554 Cruise Control Status Circuit Malfunction Chevrolet P1558 Cruise Control System, SPS Circuit Indicated Low Chevrolet P1561 Cruise Vent Solenoid Circuit Malfunction Chevrolet P1562 Cruise Vacuum Solenoid Circuit Malfunction Chevrolet P1565 Cruise Servo Position Sensor Circuit Malfunction



| Codes | Definition |
|------------------------|---|
| Chevrolet P1567 | Cruise Switches Circuit Malfunction |
| Chevrolet P1568 | Cruise Control System - SPS Circuit Indicated High |
| Chevrolet P1571 | Traction Control System Desired Torque Out-Of-Range |
| Chevrolet P1572 | Traction Control System - Circuit Low Too Long |
| Chevrolet P1573 | Traction Control System, Loss Of ABS/TCS Serial Data |
| Chevrolet P1574 | Stoplamp Switch Circuit Malfunction |
| Chevrolet P1575 | Extended Travel Brake Switch Circuit Malfunction |
| Chevrolet P1585 | Cruise Control Brake Switch 2 Circuit Malfunction |
| | Cruise Power Management Mode Enabled |
| Chevrolet P159C | Power Take-Off (PTO) Remote Engine Shutdown Switch Circuit |
| Chevrolet P15B9 | Electric A/C Compressor Control Module Ignition On/Start Switch Circuit Low Voltage |
| Chevrolet P15BA | Circuit High Voltage |
| | Engine Torque Delivered Circuit |
| | Axle Torque Request Circuit |
| Chevrolet P15F2 | Engine Torque Command Circuit |
| Chevrolet P15F9 | Hybrid System Engine Speed Control Intervention Request Type Signal Message Counter Incorrect |
| | Brake Pedal Position Sensor Signal Message Counter Incorrect |
| | PCM Battery Circuit |
| Chevrolet P1601 | PCM Serial Communications Malfunction |
| Chevrolet P1602 | Lost Communications with Brake/Traction Control (EBTCM) System |
| Chevrolet P1604 | Lost Communications with Driver Information and Displays Control (IPC) System |
| | Lost Communications with HVAC Control System |
| | Control Module Ignition Off Timer Performance |
| | Engine Calibration Information Not Programmed - GPCM |
| | Lost Communications with Body Multiple Control (BCM) System |
| | Engine Controls Ignition Relay Control Circuit Low Voltage |
| | Engine Oil Reset Monitor Circuit Malfunction |
| | Glow Plug Control Module Not Programmed |
| | Control Module Torque Performance |
| | Control Module Long Term Memory Performance |
| Chevrolet P1623 | |
| | Theft Deterrent System Fuel Enable Circuit Malfunction |
| | Control Module Analog to Digital Performance |
| | Theft Deterrent Fuel Enable Signal Not Received |
| | Theft Deterrent Fuel Enable Signal Not Received Remote Vehicle Speed Limiting Signal Message Counter |
| Chevrolet P162B | Incorrect |
| Chevrolet P162D | Evaporative Emission (EVAP) System Alarm Clock Signal Not Received |
| Chevrolet P1630 | System Voltage Error |



Codes Definition **Chevrolet P1631** Theft Deterrent Start Enable Signal Not Correct **Chevrolet P1632** Theft Deterrent Fuel Disable Signal Received **Chevrolet P1633** Ignition Supplement Power (0) Switch Circuit Malfunction **Chevrolet P1634** Improper Ignition 1 Signal Voltage Chevrolet P1635 5-Volt Reference 1 Circuit Malfunction Chevrolet P1637 Generator 'L' Terminal Circuit Malfunction Chevrolet P1638 Generator 'F' Terminal Circuit Malfunction Chevrolet P1639 5-Volt Reference 2 Circuit Malfunction Chevrolet P163C Glow Plug Module Primary Circuit Chevrolet P163D Glow Plug Control Module Secondary Circuit **Chevrolet P163E** Glow Plug Control Module Overtemperature Chevrolet P1640 Output Driver Module 'A' Circuit Malfunction Chevrolet P1641 MIL Control Circuit Malfunction Chevrolet P1642 Fan Control Relay 2/3 Control Circuit Malfunction Chevrolet P1643 Wait To Start Lamp Control Circuit Malfunction **Chevrolet P1644** Traction Control Delivered Torque Output Circuit Chevrolet P1649 Immobilizer Security Code Not Programmed Chevrolet P1650 Output Driver Module 'B' Circuit Malfunction Chevrolet P1651 Cooling Fan 1 Relay Control Circuit Malfunctions Chevrolet P1652 Cooling Fan 2 Relay Control Circuit Malfunctions Chevrolet P1653 EGR Vent Solenoid Control Circuit Malfunction Chevrolet P1654 A/C Relay Control Circuit Malfunction Chevrolet P1655 EVAP Purge Solenoid Control Circuit Malfunction **Chevrolet P1656** Wastegate Solenoid Control Circuit Malfunction Chevrolet P1657 Skip Shift 1-4 Upshift Solenoid Control Circuit Malfunction **Chevrolet P1658** FICM Detects Current Through Driver With Driver Off Chevrolet P1660 Output Driver 3 Input Voltage High Input Chevrolet P1661 MIL Control Circuit Malfunction Chevrolet P1662 Cruise Control Inhibit Control Circuit Malfunction Chevrolet P1663 Change Engine Oil Lamp Control Circuit Chevrolet P1664 Skip Shift 1-4 Upshift Lamp Control Circuit Malfunction Chevrolet P1665 EVAP Vent Solenoid Control Circuit Malfunction Chevrolet P1667 Reverse Inhibit Solenoid Control Circuit Malfunction Chevrolet P1668 Generator L-Terminal Control Circuit Chevrolet P166B Intake Air (IA) Heater Over Temperature **Chevrolet P166C** Intake Air (IA) Heater Resistance **Chevrolet P1670** Output Driver Module 4 Circuit Malfunction **Chevrolet P1671** Change Engine Oil Lamp Control Circuit Chevrolet P1672 Low Oil Level Lamp Control Circuit Malfunction Chevrolet P1673 Engine Hot Lamp Control Circuit Malfunction Chevrolet P1674 Engine Speed Ouput Circuit Chevrolet P1675 Evaporative Emission (EVAP) Vent Solenoid Control Circuit Chevrolet P1676 Evaporative Emission (EVAP) Purge Solenoid Control Circuit Chevrolet P1680 Control Module Long Term Memory Performance



| Codes | Definition |
|------------------------|---|
| Chevrolet P1681 | Control Module Long Term Memory Performance |
| Chevrolet P1682 | Ignition 1 Switch Circuit 2 |
| Chevrolet P1683 | Control Module Long Term Memory Performance |
| Chevrolet P1684 | Transmission Control Module (TCM) Power Up Temperature Sensor Performance |
| Chevrolet P1685 | Transmission Control Module (TCM) Power Up Temperature Sensor Circuit Low Voltage |
| Chevrolet P1686 | Transmission Control Module (TCM) Power Up Temperature Sensor Circuit High Voltage |
| Chevrolet P1687 | Fuel Injector Control Module Driver Stuck On |
| Chevrolet P1688 | Engine Torque Data Performance |
| Chevrolet P1689 | Traction Control Delivered Torque Output Circuit |
| Chevrolet P168C | Turbocharger Boost Control Position Slow Response - Increasing Position |
| Chevrolet P168D | Turbocharger Boost Control Position Slow Response - Decreasing Position |
| Chevrolet P16A0 | Sensor Communication Circuit Low Voltage |
| Chevrolet P16A1 | Sensor Communication Circuit High Voltage |
| Chevrolet P16A2 | Sensor Communication Circuit Performance |
| Chevrolet P16E0 | Engine Performance - No Torque Detected |
| | Control Module Transmission Direction Range Switch |
| | Control Module Redundant Memory Performance |
| | Control Module Transmission Range Control Performance |
| | Control Module Programmable Logic Device |
| | Control Module Range State Command |
| | Control Module Pressure Control Solenoid Command Incorrect |
| | Control Module Clutch Command Incorrect |
| | Control Module Shutdown Performance |
| | Transmission Control Module (TCM) Requested MIL Illumination |
| | Park/Neutral Position Switch Out Of Self-Test Range |
| | Pressure Switch Solenoid "E" Stuck Open Pressure Switch Solenoid "E" Stuck Closed |
| | Pressure Switch Solenoid "E" Circuit High |
| | Pressure Switch Solehold E. Circuit |
| | Pressure Switch Reverse Stuck Open |
| | Park/Neutral Position Switch Circuit |
| | Incorrect Shifting Detected |
| | Solenoid "A" Control Clutch Stuck Of |
| | Solenoid "B" Control Clutch Stuck Of Solenoid "B" Control Clutch Stuck Off |
| | Solenoid "A" Control Clutch Stuck On |
| | Solenoid "B" Control Clutch Stuck On |
| | Cruise Control Overdrive Cut Control Circuit Malfunction |
| | Shift Valve 1 Performance |
| | Transmission Position Sensor Signal |
| | Up and Down Shift Switch Signal Circuit |
| | op and bown onne owned organic orrout |



Codes Definition **Chevrolet P1762** Transmission Mode Switch Signal Circuit **Chevrolet P1779** Engine Torque Data Performance **Chevrolet P1780** Park Neutral Position Switch Circuit Malfunction Chevrolet P1781 TCM MIL Request Circuit Low Voltage Chevrolet P1791 Throttle/Pedal Position Signal Chevrolet P1792 Engine Coolant Signal Chevrolet P179A Auxiliary Transmission Fluid Pump Overspeed Chevrolet P179B Range State Command Circuit Chevrolet P1810 Transmission Pressure Switch Malfunction (4L60-E) **Chevrolet P1811** Maximum Adapt and Long Shift (6.5L Diesel only) Chevrolet P1812 Transmission Fluid Over-Temperature **Chevrolet P1814** Torque Converter Overstressed (4T65-E, 4T80-E) **Chevrolet P1815** A/T Range Sensor Circuit Malfunction (4T40-E/4T45-E) **Chevrolet P1816** A/T Input Shaft Speed Sensor Malfunction (4T40-E/4T45-E) **Chevrolet P1817** A/T Input Shaft Speed Sensor Malfunction (4T40-E/4T45-E) Transmission Fluid Pressure (TFP) Valve Position Switch **Chevrolet P1818** Indicates Drive without Drive Ratio **Chevrolet P1819** Internal Mode Switch - No Start (4T65-E) Chevrolet P181C Internal Mode Switch 2 R1 Circuit Low Voltage Chevrolet P181D Internal Mode Switch 2 R1 Circuit High Voltage **Chevrolet P181E** Internal Mode Switch 2 R2 Circuit Low Voltage **Chevrolet P181F** Internal Mode Switch 2 R2 Circuit High Voltage **Chevrolet P1820** Internal Mode Switch Circuit A Low (Except 3.8L Monte Carlo) Chevrolet P1822 Internal Mode Switch 'B' Circuit Low Input (4T65-E) **Chevrolet P1823** Internal Mode Switch 'P' Circuit Low Input (4T65-E) Chevrolet P1824 Internal Mode Switch P Circuit High Voltage **Chevrolet P1825** Internal Mode Switch - Invalid Range (4T65-E) **Chevrolet P1826** Internal Mode Switch - Invalid Range (4T65-E) Chevrolet P182A Internal Mode Switch A Circuit Low Voltage Chevrolet P182B Internal Mode Switch B Circuit Low Voltage **Chevrolet P182C** Internal Mode Switch B Circuit High Voltage Chevrolet P182D Internal Mode Switch P Circuit Low Voltage Chevrolet P182E Internal Mode Switch-Invalid Range **Chevrolet P182F** Internal Mode Switch C Circuit High Voltage Pressure Control (PC)/Shift Lock Solenoid Control Circuit Low **Chevrolet P1831** Voltage Pressure Control (PC)/Shift Lock Solenoid Control Circuit High **Chevrolet P1832** Voltage **Chevrolet P1838** Internal Mode Switch A Circuit High Voltage Chevrolet P1839 Internal Mode Switch C Circuit Low Voltage Chevrolet P183A Internal Mode Switch 2 D1 Circuit Low Voltage Chevrolet P183B Internal Mode Switch 2 D1 Circuit High Voltage Chevrolet P183C Internal Mode Switch 2 D2 Circuit Low Voltage Chevrolet P183D Internal Mode Switch 2 D2 Circuit High Voltage

DBDCodeX

| Codes | Definition |
|------------------------|---|
| Chevrolet P183E | Internal Mode Switch 2 - Invalid Range |
| Chevrolet P183F | Internal Mode Switch 1-2 Correlation |
| Chevrolet P184A | Internal Mode Switch 2 S Circuit Low Voltage |
| Chevrolet P184B | Internal Mode Switch 2 S Circuit High Voltage |
| Chevrolet P1860 | TCC PWM Solenoid Circuit Malfunction (4L60-E) |
| Chevrolet P1862 | TCC Solenoid Circuit Malfunction |
| Chevrolet P1863 | TCC Solenoid Circuit Short to Voltage |
| Chevrolet P1864 | TCC Enable Solenoid Circuit Malfunction (4T60-E) |
| Chevrolet P1868 | Transmission Fluid Life |
| Chevrolet P1870 | Transaxle Component Slipping (4T60-E) |
| Chevrolet P1871 | Undefined Gear Ratio (5.7L and 7.4L Gas) |
| | Torque Converter Stator Temp Switch CKT Low |
| | Torque Converter Stator Temp Switch CKT High |
| | 4WD Low Switch Circuit Electrical (Electric Shift, 4.3L only) |
| | Up and Down Shift Enable Switch Circuit Low Voltage |
| | A/T3-2 Shift Solenoid Circuit Malfunction (4T60-E) |
| Chevrolet P1887 | TCC Release Switch Circuit Malfunction (4T40/4T45-E) |
| Chevrolet P1915 | Internal Mode Switch Does Not Indicate Park/Neutral (P/N) During Start |
| Chevrolet P1A00 | Battery Energy Control Module Reset |
| Chevrolet P1A01 | Battery Energy Control Module Long Term Memory Performance |
| Chevrolet P1A02 | Battery Energy Control Module Loop Overrun |
| Chevrolet P1A03 | Battery Energy Control Module Options Incorrect |
| Chevrolet P1A04 | Battery Energy Control Module Programming Read Only Memory (ROM) |
| Chevrolet P1A05 | Battery Energy Control Module Random Access Memory (RAM) |
| Chevrolet P1A06 | Battery Energy Control Module Read Only Memory (ROM) |
| Chevrolet P1A07 | Battery Energy Control Module 5-Volt Reference Circuit |
| Chevrolet P1A08 | Battery Energy Control Module Stack Overrun |
| Chevrolet P1A09 | Battery Energy Control Module Hybrid System Voltage |
| Chevrolet P1A0C | Battery Energy Control Module System Voltage Low |
| Chevrolet P1A0D | Battery Energy Control Module System Voltage High |
| Chevrolet P1A1F | Battery Energy Control Module Hybrid Battery System Voltage Low |
| Chevrolet P1A20 | Hybrid Battery System Precharge Time Too Long |
| Chevrolet P1A21 | Hybrid Battery Contactor Control Sequence Incorrect |
| | Hybrid Battery 1 Voltage |
| Chevrolet P1A2B | Hybrid Battery 2 Voltage |
| Chevrolet P1A32 | Hybrid Battery 3 Voltage |
| Chevrolet P1A4E | Battery Energy Control Module Hybrid Battery System Voltage High |
| | Drive Motor 1 Control Module Not Programmed |
| Chevrolet P1A50 | Drive Motor 1 Control Module Random Access Memory (RAM) |
| | Drive Motor 1 Control Module Read Only Memory (ROM) |
| Chevrolet P1A52 | Drive Motor 2 Control Module Not Programmed |
| | |



| Codes | Definition |
|------------------------|---|
| Chevrolet P1A53 | Drive Motor 2 Control Module Random Access Memory (RAM) |
| Chevrolet P1A54 | Drive Motor 2 Control Module Read Only Memory (ROM) |
| | Hybrid/EV System Voltage Discharge Circuit |
| Chevrolet P1A58 | Hybrid Battery Pack Relay Open |
| Chevrolet P1A5E | Battery Energy Control Module Ignition On/Start Switch Circuit Low Voltage |
| Chevrolet P1A5F | Battery Energy Control Module Ignition On/Start Switch Circuit High Voltage |
| Chevrolet P1A60 | Battery Energy Control Module Ignition Accessory Switch Circuit Low Voltage |
| Chevrolet P1A64 | Starter/Generator Control Module Reset |
| Chevrolet P1A65 | Starter/Generator Control Module Long Term Memory Performance |
| Chevrolet P1A66 | Starter/Generator Control Module Loop Overrun |
| Chevrolet P1A67 | Starter/Generator Control Module Options Incorrect |
| Chevrolet P1A68 | Starter/Generator Control Module Programming Read Only Memory (ROM) |
| Chevrolet P1A69 | Starter/Generator Control Module Random Access Memory (RAM) |
| Chevrolet P1A6A | Starter/Generator Control Module Read Only Memory (ROM) |
| Chevrolet P1A6B | Starter/Generator Control Module 5-Volt Reference Circuit |
| Chevrolet P1A6C | SGCM Service Calibration Fault |
| Chevrolet P1A71 | 14 Volt Power Module Temperature Sensor 2 Performance |
| Chevrolet P1A72 | 14 Volt Power Module Temperature Sensor 2 Circuit Low Voltage |
| Chevrolet P1A73 | 14 Volt Power Module Temperature Sensor 2 Circuit High Voltage |
| Chevrolet P1A75 | Starter/Generator Control Module Coolant Temperature Sensor 2 Performance |
| Chevrolet P1A76 | Starter/Generator Control Module Coolant Temperature Sensor 2 Circuit Low Voltage |
| Chevrolet P1A77 | Starter/Generator Control Module Coolant Temperature Sensor 2 Circuit High Voltage |
| Chevrolet P1A78 | Starter/Generator Control Module Coolant Temperature Sensor 3 Performance |
| Chevrolet P1A79 | Starter/Generator Control Module Coolant Temperature Sensor 3 Circuit Low Voltage |
| Chevrolet P1A7A | Starter/Generator Control Module Coolant Temperature Sensor 3 Circuit High Voltage |
| Chevrolet P1A7E | Starter/Generator Control Module Overtemperature High Voltage System Disabled |
| Chevrolet P1A7F | Starter/Generator Control Module Coolant Level Sensor 1 Low Voltage |
| Chevrolet P1A80 | Starter/Generator Control Module Coolant Level Sensor 1 High Voltage |
| Chevrolet P1A81 | Starter/Generator Control Module Coolant Level Sensor 2 Low Voltage |
| | |



| Codes | Definition |
|------------------------|--|
| Chevrolet P1A82 | Starter/Generator Control Module Coolant Level Sensor 2 High Voltage |
| Chevrolet P1A83 | Starter/Generator Control Module Coolant Level Sensor 3 Low Voltage |
| Chevrolet P1A84 | Starter/Generator Control Module Coolant Level Sensor 3 High Voltage |
| Chevrolet P1A85 | Starter/Generator Control Module Coolant Level Sensor 4 Low Voltage |
| Chevrolet P1A86 | Starter/Generator Control Module Coolant Level Sensor 4 High Voltage |
| Chevrolet P1A87 | Low Starter/Generator Control Module Coolant Level |
| | 42 Volt System Performance |
| | 42 Volt System Voltage Low |
| | 42 Volt System Voltage High |
| | 42 Volt Inverter Overtemperature |
| | 14 Volt Power Module Temperature Sensor 1 Performance |
| Chevrolet P1A91 | 14 Volt Power Module Temperature Sensor 1 Circuit Low Voltage |
| Chevrolet P1A92 | 14 Volt Power Module Temperature Sensor 1 Circuit High Voltage |
| | 14-Volt Power Module Stuck OFF |
| | 14-Volt Power Module Stuck ON |
| | DC/DC Converter Stuck in 14-42 Volt Direction |
| Chevrolet P1A96 | DC/DC Converter Stuck in 42-14 Volt Direction |
| Chevrolet P1A97 | Starter/Generator Control Module Hybrid Battery Voltage Sensor Circuit Low Voltage |
| Chevrolet P1A98 | Starter/Generator Control Module Hybrid Battery Voltage Sensor Circuit High Voltage |
| Chevrolet P1A99 | Starter/Generator Control Module Hybrid Battery Current Sensor Circuit Low Current |
| Chevrolet P1A9A | Starter/Generator Control Module Hybrid Battery Current Sensor Circuit Low Current |
| Chevrolet P1AA9 | Starter/Generator Phase U Current Sensor Performance |
| | Starter/Generator Phase W Current Sensor Performance |
| Chevrolet P1AAB | Starter/Generator Phase U Circuit |
| Chevrolet P1AAC | Starter/Generator Phase V Circuit |
| | Starter/Generator Phase W Circuit |
| Chevrolet P1AAE | Starter/Generator Phase U-V-W Correlation |
| | Hybrid System Voltage |
| Chevrolet P1ABC | 14 Volt Power Module Hybrid/EV Battery System Voltage Low Voltage |
| Chevrolet P1ABD | Voltade |
| Chevrolet P1ABE | Battery Energy Control Module Hybrid Battery Pack Overtemperature |
| Chevrolet P1AC0 | Starter/Generator Control Module Output Circuit |



| Codes | Definition |
|------------------------|---|
| Chevrolet P1AC1 | Starter/Generator Control Module Cooling Fan Relay Control Circuit Low Voltage |
| Chevrolet P1AC2 | Starter/Generator Control Module Cooling Fan Relay Control Circuit High Voltage |
| Chevrolet P1AC6 | Drive Motor 1 Control Module Crankshaft Position Sensor Circuit |
| Chevrolet P1AC7 | Drive Motor 1 Control Module Crankshaft Position Sensor Performance |
| | HCM 5-Volt Reference Circuit |
| | HCM Service Calibration Fault |
| | Drive Motor 1 Control Module Long Term Memory Performance |
| | Drive Motor 2 Control Module Long Term Memory Performance |
| | Drive Motor 1 Control Module System Voltage Low |
| | Drive Motor 1 Control Module System Voltage High Voltage |
| | Drive Motor 2 Control Module System Voltage Low |
| Chevrolet P1AE1 | Drive Motor 2 Control Module System Voltage High Voltage |
| Chevrolet P1AE2 | Battery Energy Control Module High Voltage System Interlock Circuit |
| Chevrolet P1AE3 | Battery Energy Control Module High Voltage System Interlock Circuit Low Voltage |
| Chevrolet P1AE4 | Battery Energy Control Module High Voltage System Interlock Circuit High Voltage |
| Chevrolet P1AE5 | Battery Energy Control Module Hybrid Battery Power Off Control Circuit |
| Chevrolet P1AE6 | Battery Energy Control Module Hybrid Battery Voltage Isolation Sensor Circuit |
| Chevrolet P1AE7 | Battery Energy Control Module Hybrid Battery Voltage System Isolation Lost |
| Chevrolet P1AE8 | Drive Motor 1 Control Module Hybrid Battery Voltage Sense Circuit Low Voltage |
| Chevrolet P1AE9 | Drive Motor 1 Control Module Hybrid Battery Voltage Sense Circuit High Voltage |
| Chevrolet P1AEA | Drive Motor 2 Control Module Hybrid Battery Voltage Sense Circuit Low Voltage |
| Chevrolet P1AEB | Drive Motor 2 Control Module Hybrid Battery Voltage Sense Circuit High Voltage |
| Chevrolet P1AEC | Drive Motor 1 Control Module Hybrid/EV Battery System Voltage |
| Chevrolet P1AED | Drive Motor 2 Control Module Hybrid/EV Battery System Voltage |
| Chevrolet P1AEE | Drive Motor 1 Control Module Hybrid/EV Battery System Voltage High |
| Chevrolet P1AEF | Drive Motor 2 Control Module Hybrid/EV Battery System Voltage High |
| Chevrolet P1AF0 | Drive Motor 1 Control Module Hybrid Battery Voltage System Isolation Lost |
| Chevrolet P1AF2 | Drive Motor 2 Control Module Hybrid Battery Voltage System Isolation Lost |
| Chevrolet P1AF4 | Drive Motor 1 Control Module Hybrid Battery Voltage Isolation Sensor Circuit Low Voltage |
| | |



| Codes | Definition |
|------------------------|---|
| Chevrolet P1AF5 | Drive Motor 1 Control Module Hybrid Battery Voltage Isolation Sensor Circuit High Voltage |
| Chevrolet P1AF6 | Drive Motor 2 Control Module Hybrid Battery Voltage Isolation Sensor Circuit Low Voltage |
| Chevrolet P1AF7 | Drive Motor 2 Control Module Hybrid Battery Voltage Isolation Sensor Circuit High Voltage |
| Chevrolet P1AF8 | Drive Motor 1 Control Module Shutdown Performance |
| Chevrolet P1AFA | Drive Motor 1 Control Module Programmable Logic Device Not Programmed |
| Chevrolet P1AFB | Drive Motor 1 Control Module Programmable Logic Device Security Code |
| Chevrolet P1AFC | Drive Motor 1 Control Module Serial Peripheral Interface (SPI) Bus |
| Chevrolet P1AFD | Drive Motor 1 Control Module Serial Communications Interface (SCI) Bus |
| Chevrolet P1AFE | Drive Motor 2 Control Module Shutdown Performance |
| Chevrolet P1B01 | Drive Motor 2 Control Module Programmable Logic Device Security Code |
| Chevrolet P1B02 | Drive Motor 2 Control Module Serial Peripheral Interface (SPI) Bus |
| | Drive Motor 1 Position Sensor Circuit Loss of Tracking |
| Chevrolet P1B04 | Drive Motor 2 Position Sensor Circuit Loss of Tracking |
| Chevrolet P1B05 | Drive Motor 1 Control Module High Voltage System Interlock Circuit |
| Chevrolet P1B06 | Drive Motor 2 Control Module High Voltage System Interlock Circuit |
| Chevrolet P1B0B | Drive Motor 1 Control Module Hybrid/EV Battery Voltage Isolation Sensing Circuit 2 Low Voltage |
| Chevrolet P1B0C | Drive Motor 1 Control Module Hybrid Battery Voltage Isolation Sensing Circuit 2 High Voltage |
| Chevrolet P1B0D | Drive Motor 1 Control Module Drive Motor 1 Overspeed |
| Chevrolet P1B0E | Drive Motor 2 Control Module Drive Motor 2 Overspeed |
| | Drive Motor 1 Position Learn Incorrect |
| | Drive Motor 2 Position Learn Incorrect |
| Chevrolet P1B12 | Driver Intended Brake Torque Fault |
| | Regenerative Braking Torque Request Signal Message Counter Incorrect |
| | Hybrid/EV Battery 27 Circuit Performance |
| | Hybrid/EV Battery 27 Circuit Low Voltage |
| | Hybrid/EV Battery 27 Circuit High Voltage |
| | Hybrid/EV Battery 28 Circuit Performance Hybrid/EV Battery 28 Circuit Low Voltage |
| | Hybrid/EV Battery 28 Circuit High Voltage |
| | Hybrid/EV Battery 29 Circuit Performance |
| | Hybrid/EV Battery 29 Circuit Low Voltage |
| | Hybrid/EV Battery 29 Circuit High Voltage |
| | |



| Codes | Definition |
|------------------------|---|
| Chevrolet P1B1F | Hybrid/EV Battery 30 Circuit Performance |
| | Hybrid/EV Battery 30 Circuit Low Voltage |
| | Hybrid/EV Battery 30 Circuit High Voltage |
| | Hybrid/EV Battery 31 Circuit Performance |
| Chevrolet P1B23 | Hybrid/EV Battery 31 Circuit Low Voltage |
| Chevrolet P1B24 | Hybrid/EV Battery 31 Circuit High Voltage |
| Chevrolet P1B25 | Hybrid/EV Battery 32 Circuit Performance |
| Chevrolet P1B26 | Hybrid/EV Battery 32 Circuit Low Voltage |
| Chevrolet P1B27 | Hybrid/EV Battery 32 Circuit High Voltage |
| Chevrolet P1B28 | Hybrid/EV Battery 27 Circuit |
| Chevrolet P1B29 | Hybrid/EV Battery 28 Circuit |
| Chevrolet P1B2B | Hybrid/EV Battery 30 Circuit |
| Chevrolet P1B2C | Hybrid/EV Battery 31 Circuit |
| Chevrolet P1B2D | Hybrid/EV Battery 32 Circuit |
| Chevrolet P1B41 | Drive Motor 1 Control Module Hybrid/EV Battery Voltage Isolation Sensing Performance |
| | During Mater 2 Control Madula Habrid/EV Datters Valtage |
| Chevrolet P1B42 | Isolation Sensing Performance |
| Chevrolet P1B43 | Drive Motor 2 Control Module Hybrid/EV Battery Voltage Isolation Sensor Circuit 2 Low Voltage |
| | Drive Motor 2 Control Module Hybrid/EV Battery Voltage Isolation Sensor Circuit 2 High Voltage |
| Chevrolet P1B44 | Isolation Sensor Circuit 2 High Voltage |
| Chevrolet P1B45 | Hybrid/EV Battery 33 Circuit Performance |
| Chevrolet P1B46 | Hybrid/EV Battery 33 Circuit Low Voltage |
| | Hybrid/EV Battery 33 Circuit High Voltage |
| | Hybrid/EV Battery 34 Circuit Performance |
| | Hybrid/EV Battery 34 Circuit Low Voltage |
| | Hybrid/EV Battery 34 Circuit High Voltage |
| | Hybrid/EV Battery 35 Circuit Performance |
| | Hybrid/EV Battery 35 Circuit Low Voltage |
| | Hybrid/EV Battery 35 Circuit High Voltage |
| | Hybrid/EV Battery 36 Circuit Performance |
| | Hybrid/EV Battery 36 Circuit Low Voltage |
| | Hybrid/EV Battery 36 Circuit High Voltage |
| | Hybrid/EV Battery 37 Circuit Low Voltage |
| | Hybrid/EV Battery 37 Circuit High Voltage |
| | Hybrid/EV Battery 37 Circuit High Voltage |
| | Hybrid/EV Battery 38 Circuit Performance |
| | Hybrid/EV Battery 38 Circuit Low Voltage |
| | Hybrid/EV Battery 38 Circuit High Voltage |
| | Hybrid/EV Battery 39 Circuit Performance |
| | Hybrid/EV Battery 39 Circuit Low Voltage |
| | Hybrid/EV Battery 39 Circuit High Voltage |
| | Hybrid/EV Battery 40 Circuit Performance |
| CHEVIOLET LIP2R | Hybrid/EV Battery 40 Circuit Low Voltage |



Codes Chevrolet P1B5C Hybrid/EV Battery 40 Circuit High Voltage Chevrolet P1B5D Hybrid/EV Battery 41 Circuit Performance Chevrolet P1B5E Hybrid/EV Battery 41 Circuit Low Voltage Chevrolet P1B5F Hybrid/EV Battery 41 Circuit High Voltage Chevrolet P1B60 Hybrid/EV Battery 42 Circuit Performance Chevrolet P1B61 Hybrid/EV Battery 42 Circuit Low Voltage Chevrolet P1B62 Hybrid/EV Battery 42 Circuit High Voltage Chevrolet P1B63 Hybrid/EV Battery 43 Circuit Performance Chevrolet P1B64 Hybrid/EV Battery 43 Circuit Low Voltage Chevrolet P1B65 Hybrid/EV Battery 43 Circuit High Voltage Chevrolet P1B66 Hybrid/EV Battery 44 Circuit Performance Chevrolet P1B67 Hybrid/EV Battery 44 Circuit Low Voltage Chevrolet P1B68 Hybrid/EV Battery 44 Circuit High Voltage Chevrolet P1B69 Hybrid/EV Battery 45 Circuit Performance Chevrolet P1B6A Hybrid/EV Battery 45 Circuit Low Voltage Chevrolet P1B6B Hybrid/EV Battery 45 Circuit High Voltage Chevrolet P1B6C Hybrid/EV Battery 46 Circuit Performance Chevrolet P1B6D Hybrid/EV Battery 46 Circuit Low Voltage Chevrolet P1B6E Hybrid/EV Battery 46 Circuit High Voltage Chevrolet P1B6F Hybrid/EV Battery 47 Circuit Performance Chevrolet P1B70 Hybrid/EV Battery 47 Circuit Low Voltage Chevrolet P1B71 Hybrid/EV Battery 47 Circuit High Voltage Chevrolet P1B72 Hybrid/EV Battery 48 Circuit Performance Chevrolet P1B73 Hybrid/EV Battery 48 Circuit Low Voltage Chevrolet P1B74 Hybrid/EV Battery 48 Circuit High Voltage Chevrolet P1B75 Hybrid/EV Battery 49 Circuit Performance Chevrolet P1B76 Hybrid/EV Battery 49 Circuit Low Voltage Chevrolet P1B77 Hybrid/EV Battery 49 Circuit High Voltage Chevrolet P1B78 Hybrid/EV Battery 50 Circuit Performance Chevrolet P1B79 Hybrid/EV Battery 50 Circuit Low Voltage Chevrolet P1B7A Hybrid/EV Battery 50 Circuit High Voltage Chevrolet P1B7B Hybrid/EV Battery 51 Circuit Performance Chevrolet P1B7C Hybrid/EV Battery 51 Circuit Low Voltage Chevrolet P1B7D Hybrid/EV Battery 51 Circuit High Voltage Chevrolet P1B7E Hybrid/EV Battery 52 Circuit Performance Chevrolet P1B7F Hybrid/EV Battery 52 Circuit Low Voltage Chevrolet P1B80 Hybrid/EV Battery 52 Circuit High Voltage Chevrolet P1B81 Hybrid/EV Battery 53 Circuit Performance Chevrolet P1B82 Hybrid/EV Battery 53 Circuit Low Voltage Chevrolet P1B83 Hybrid/EV Battery 53 Circuit High Voltage Chevrolet P1B84 Hybrid/EV Battery 54 Circuit Performance Chevrolet P1B85 Hybrid/EV Battery 54 Circuit Low Voltage Chevrolet P1B86 Hybrid/EV Battery 54 Circuit High Voltage Chevrolet P1B87 Hybrid/EV Battery 55 Circuit Performance

DBDCodeX

Codes Chevrolet P1B88 Hybrid/EV Battery 55 Circuit Low Voltage Chevrolet P1B89 Hybrid/EV Battery 55 Circuit High Voltage Chevrolet P1B8A Hybrid/EV Battery 56 Circuit Performance Chevrolet P1B8B Hybrid/EV Battery 56 Circuit Low Voltage Chevrolet P1B8C Hybrid/EV Battery 56 Circuit High Voltage Chevrolet P1B8D Hybrid/EV Battery 57 Circuit Performance Chevrolet P1B8E Hybrid/EV Battery 57 Circuit Low Voltage Chevrolet P1B8F Hybrid/EV Battery 57 Circuit High Voltage Chevrolet P1B90 Hybrid/EV Battery 58 Circuit Performance Chevrolet P1B91 Hybrid/EV Battery 58 Circuit Low Voltage Chevrolet P1B92 Hybrid/EV Battery 58 Circuit High Voltage Chevrolet P1B93 Hybrid/EV Battery 59 Circuit Performance Chevrolet P1B94 Hybrid/EV Battery 59 Circuit Low Voltage Chevrolet P1B95 Hybrid/EV Battery 59 Circuit High Voltage Chevrolet P1B96 Hybrid/EV Battery 60 Circuit Performance Chevrolet P1B97 Hybrid/EV Battery 60 Circuit Low Voltage Chevrolet P1B98 Hybrid/EV Battery 60 Circuit High Voltage Chevrolet P1B99 Hybrid/EV Battery 61 Circuit Performance Chevrolet P1B9A Hybrid/EV Battery 61 Circuit Low Voltage Chevrolet P1B9B Hybrid/EV Battery 61 Circuit High Voltage Chevrolet P1B9C Hybrid/EV Battery 62 Circuit Performance Chevrolet P1B9D Hybrid/EV Battery 62 Circuit Low Voltage Chevrolet P1B9E Hybrid/EV Battery 62 Circuit High Voltage Chevrolet P1B9F Hybrid/EV Battery 63 Circuit Performance Chevrolet P1BA0 Hybrid/EV Battery 63 Circuit Low Voltage Chevrolet P1BA1 Hybrid/EV Battery 63 Circuit High Voltage Chevrolet P1BA2 Hybrid/EV Battery 64 Circuit Performance Chevrolet P1BA3 Hybrid/EV Battery 64 Circuit Low Voltage Chevrolet P1BA4 Hybrid/EV Battery 64 Circuit High Voltage Chevrolet P1BA5 Hybrid/EV Battery 65 Circuit Performance Chevrolet P1BA6 Hybrid/EV Battery 65 Circuit Low Voltage Chevrolet P1BA7 Hybrid/EV Battery 65 Circuit High Voltage Chevrolet P1BA8 Hybrid/EV Battery 66 Circuit Performance Chevrolet P1BA9 Hybrid/EV Battery 66 Circuit Low Voltage Chevrolet P1BAA Hybrid/EV Battery 66 Circuit High Voltage Chevrolet P1BAB Hybrid/EV Battery 67 Circuit Performance Chevrolet P1BAC Hybrid/EV Battery 67 Circuit Low Voltage Chevrolet P1BAD Hybrid/EV Battery 67 Circuit High Voltage Chevrolet P1BAE Hybrid/EV Battery 68 Circuit Performance Chevrolet P1BAF Hybrid/EV Battery 68 Circuit Low Voltage Chevrolet P1BB0 Hybrid/EV Battery 68 Circuit High Voltage Chevrolet P1BB1 Hybrid/EV Battery 69 Circuit Performance Chevrolet P1BB2 Hybrid/EV Battery 69 Circuit Low Voltage Chevrolet P1BB3 Hybrid/EV Battery 69 Circuit High Voltage

DBDCodeX

Codes Chevrolet P1BB4 Hybrid/EV Battery 70 Circuit Performance Chevrolet P1BB5 Hybrid/EV Battery 70 Circuit Low Voltage Chevrolet P1BB6 Hybrid/EV Battery 70 Circuit High Voltage Chevrolet P1BB7 Hybrid/EV Battery 71 Circuit Performance Chevrolet P1BB8 Hybrid/EV Battery 71 Circuit Low Voltage Chevrolet P1BB9 Hybrid/EV Battery 71 Circuit High Voltage Chevrolet P1BBA Hybrid/EV Battery 72 Circuit Performance Chevrolet P1BBB Hybrid/EV Battery 72 Circuit Low Voltage Chevrolet P1BBC Hybrid/EV Battery 72 Circuit High Voltage Chevrolet P1BBD Hybrid/EV Battery 73 Circuit Performance Chevrolet P1BBE Hybrid/EV Battery 73 Circuit Low Voltage Chevrolet P1BBF Hybrid/EV Battery 73 Circuit High Voltage Chevrolet P1BC0 Hybrid/EV Battery 74 Circuit Performance Chevrolet P1BC1 Hybrid/EV Battery 74 Circuit Low Voltage Chevrolet P1BC2 Hybrid/EV Battery 74 Circuit High Voltage Chevrolet P1BC3 Hybrid/EV Battery 75 Circuit Performance Chevrolet P1BC4 Hybrid/EV Battery 75 Circuit Low Voltage Chevrolet P1BC5 Hybrid/EV Battery 75 Circuit High Voltage Chevrolet P1BC6 Hybrid/EV Battery 76 Circuit Performance Chevrolet P1BC7 Hybrid/EV Battery 76 Circuit Low Voltage Chevrolet P1BC8 Hybrid/EV Battery 76 Circuit High Voltage Chevrolet P1BC9 Hybrid/EV Battery 77 Circuit Performance Chevrolet P1BCA Hybrid/EV Battery 77 Circuit Low Voltage Chevrolet P1BCB Hybrid/EV Battery 77 Circuit High Voltage Chevrolet P1BCC Hybrid/EV Battery 78 Circuit Performance Chevrolet P1BCD Hybrid/EV Battery 78 Circuit Low Voltage Chevrolet P1BCE Hybrid/EV Battery 78 Circuit High Voltage Chevrolet P1BCF Hybrid/EV Battery 79 Circuit Performance Chevrolet P1BD0 Hybrid/EV Battery 79 Circuit Low Voltage Chevrolet P1BD1 Hybrid/EV Battery 79 Circuit High Voltage Chevrolet P1BD2 Hybrid/EV Battery 80 Circuit Performance Chevrolet P1BD3 Hybrid/EV Battery 80 Circuit Low Voltage Chevrolet P1BD4 Hybrid/EV Battery 80 Circuit High Voltage Chevrolet P1BD5 Hybrid/EV Battery 81 Circuit Performance Chevrolet P1BD6 Hybrid/EV Battery 81 Circuit Low Voltage Chevrolet P1BD7 Hybrid/EV Battery 81 Circuit High Voltage Chevrolet P1BD8 Hybrid/EV Battery 82 Circuit Performance Chevrolet P1BD9 Hybrid/EV Battery 82 Circuit Low Voltage Chevrolet P1BDA Hybrid/EV Battery 82 Circuit High Voltage Chevrolet P1BDB Hybrid/EV Battery 83 Circuit Performance Chevrolet P1BDC Hybrid/EV Battery 83 Circuit Low Voltage Chevrolet P1BDD Hybrid/EV Battery 83 Circuit High Voltage Chevrolet P1BDE Hybrid/EV Battery 84 Circuit Performance Chevrolet P1BDF Hybrid/EV Battery 84 Circuit Low Voltage

DBDCodeX

Codes Definition Chevrolet P1BE0 Hybrid/EV Battery 84 Circuit High Voltage Chevrolet P1BE1 Hybrid/EV Battery 85 Circuit Performance Chevrolet P1BE2 Hybrid/EV Battery 85 Circuit Low Voltage Chevrolet P1BE3 Hybrid/EV Battery 85 Circuit High Voltage Chevrolet P1BE4 Hybrid/EV Battery 86 Circuit Performance Chevrolet P1BE5 Hybrid/EV Battery 86 Circuit Low Voltage Chevrolet P1BE6 Hybrid/EV Battery 86 Circuit High Voltage Chevrolet P1BE7 Hybrid/EV Battery 87 Circuit Performance Chevrolet P1BE8 Hybrid/EV Battery 87 Circuit Low Voltage Chevrolet P1BE9 Hybrid/EV Battery 87 Circuit High Voltage Chevrolet P1BEA Hybrid/EV Battery 88 Circuit Performance Chevrolet P1BEB Hybrid/EV Battery 88 Circuit Low Voltage Chevrolet P1BEC Hybrid/EV Battery 88 Circuit High Voltage Chevrolet P1BED Hybrid/EV Battery 89 Circuit Performance Chevrolet P1BEE Hybrid/EV Battery 89 Circuit Low Voltage Chevrolet P1BEF Hybrid/EV Battery 89 Circuit High Voltage Chevrolet P1BF0 Hybrid/EV Battery 90 Circuit Performance Chevrolet P1BF1 Hybrid/EV Battery 90 Circuit Low Voltage Chevrolet P1BF2 Hybrid/EV Battery 90 Circuit High Voltage Chevrolet P1BF3 Hybrid/EV Battery 91 Circuit Performance Chevrolet P1BF4 Hybrid/EV Battery 91 Circuit Low Voltage Chevrolet P1BF5 Hybrid/EV Battery 91 Circuit High Voltage Chevrolet P1BF6 Hybrid/EV Battery 92 Circuit Performance **Chevrolet P1BF7** Hybrid/EV Battery 92 Circuit Low Voltage Chevrolet P1BF8 Hybrid/EV Battery 92 Circuit High Voltage Chevrolet P1BF9 Hybrid/EV Battery 93 Circuit Performance Chevrolet P1BFA Hybrid/EV Battery 93 Circuit Low Voltage Chevrolet P1BFB Hybrid/EV Battery 93 Circuit High Voltage Chevrolet P1BFC Hybrid/EV Battery 94 Circuit Performance Chevrolet P1BFD Hybrid/EV Battery 94 Circuit Low Voltage Chevrolet P1BFE Hybrid/EV Battery 94 Circuit High Voltage Chevrolet P1BFF Auxiliary Transmission Fluid Pump Motor Control Module Not Programmed Chevrolet P1E00 Hybrid Powertrain Control Module 2 Requested MIL Illumination Chevrolet P1E01 Hybrid/EV Battery 95 Circuit Performance Chevrolet P1E02 Hybrid/EV Battery 95 Circuit Low Voltage Chevrolet P1E03 Hybrid/EV Battery 95 Circuit High Voltage Chevrolet P1E04 Hybrid/EV Battery 96 Circuit Performance Chevrolet P1E05 Hybrid/EV Battery 96 Circuit Low Voltage Chevrolet P1E06 Hybrid/EV Battery 96 Circuit High Voltage Chevrolet P1E08 Hybrid Battery Contactor Status Circuit Low Voltage Chevrolet P1E09 Hybrid Battery Contactor Status Circuit High Voltage Drive Motor 1 Control Module Module Torque Calculation **Chevrolet P1E0A** Performance

DRDCndeX

| Codes | Definition |
|------------------------|--|
| Chevrolet P1E0B | Drive Motor 2 Control Module Module Torque Calculation Performance |
| Chevrolet P1E0E | 14 V Power Module Not Programmed |
| Chevrolet P1E15 | Drive Motor 1 Control Module 5 Volt Reference 1 Circuit |
| Chevrolet P1E16 | Drive Motor 1 Control Module 5 Volt Reference 2 Circuit |
| Chevrolet P1E17 | Drive Motor 2 Control Module 5 Volt Reference 1 Circuit |
| Chevrolet P1E18 | Auxiliary Transmission Fluid Pump Control Module 5 Volt Reference Circuit |
| Chevrolet P1E19 | Auxiliary Transmission Fluid Pump Control Module System Voltage Low |
| Chevrolet P1E1A | Auxiliary Transmission Fluid Pump Control Module System Voltage High |
| Chevrolet P1E1B | Auxiliary Transmission Fluid Pump Control Module Hybrid Battery Voltage Isolation Sensing Performance |
| Chevrolet P1E1C | Auxiliary Transmission Fluid Pump Control Module Hybrid Battery Voltage Isolation Sensor Circuit 1 Low Voltage |
| Chevrolet P1E1D | Auxiliary Transmission Fluid Pump Control Module Hybrid Battery Voltage Isolation Sensor Circuit 1 High Voltage |
| Chevrolet P1E1E | Auxiliary Transmission Fluid Pump Control Module Hybrid Battery Voltage Isolation Sensor Circuit 2 Low Voltage |
| Chevrolet P1E1F | Auxiliary Transmission Fluid Pump Control Module Hybrid Battery Voltage Isolation Sensor Circuit 2 High Voltage |
| Chevrolet P1E20 | Auxiliary Transmission Fluid Pump Control Module Hybrid/EV Battery Voltage Sense Circuit Low Voltage |
| Chevrolet P1E21 | Auxiliary Transmission Fluid Pump Control Module Hybrid/EV Battery Voltage Sense Circuit High Voltage |
| Chevrolet P1E22 | Auxiliary Transmission Fluid Pump Control Module Hybrid Battery Voltage System Isolation Lost |
| Chevrolet P1E23 | Auxiliary Transmission Fluid Pump Control Module Random Access Memory |
| Chevrolet P1E24 | Auxiliary Transmission Fluid Pump Control Module Long Term Memory Performance |
| Chevrolet P1E25 | Auxiliary Transmission Fluid Pump Control Module Read Only Memory |
| Chevrolet P1E27 | Auxiliary Transmission Fluid Pump Control Module Hybrid/EV Battery System Voltage High Voltage |
| Chevrolet P1E28 | Auxiliary Transmission Fluid Pump Control Module Hybrid/EV Battery System Voltage |
| Chevrolet P1E29 | Auxiliary Transmission Fluid Pump Control Module Calculated Motor Position Performance |
| Chevrolet P1E2A | Auxiliary Transmission Fluid Pump Phase U Current Sensor Circuit Low Voltage |
| Chevrolet P1E2B | Auxiliary Transmission Fluid Pump Phase U Current Sensor Circuit High Voltage |
| Chevrolet P1E2C | Auxiliary Transmission Fluid Pump Phase U Current Sensor Performance |



| Codes | Definition | |
|------------------------|---|--|
| Chevrolet P1E2D | Auxiliary Transmission Fluid Pump Phase V Current Sensor Circuit Low Voltage | |
| Chevrolet P1E2E | Auxiliary Transmission Fluid Pump Phase V Current Sensor Circuit High Voltage | |
| Chevrolet P1E2F | Auxiliary Transmission Fluid Pump Phase V Current Sensor Performance | |
| Chevrolet P1E30 | Auxiliary Transmission Fluid Pump Phase W Current Sensor Circuit Low Voltage | |
| Chevrolet P1E31 | Auxiliary Transmission Fluid Pump Phase W Current Sensor Circuit High Voltage | |
| Chevrolet P1E32 | Transmission Fluid Pump Phase W Current Sensor Performance | |
| Chevrolet P1E33 | Auxiliary Transmission Fluid Pump Phase U-V-W Current Sensors Not Plausible | |
| Chevrolet P1E34 | Auxiliary Transmission Fluid Pump Inverter Temperature Sensor Circuit High Voltage | |
| Chevrolet P1E35 | Auxiliary Transmission Fluid Pump Inverter Temperature Sensor Circuit Low Voltage | |
| Chevrolet P1E36 | Auxiliary Transmission Fluid Pump Inverter Temperature Sensor Performance | |
| Chevrolet P1E37 | Auxiliary Transmission Fluid Pump Inverter High Temperature | |
| Chevrolet P1E38 | Auxiliary Transmission Fluid Pump Inverter Supply Voltage Circuit | |
| Chevrolet P1E39 | Auxiliary Transmission Fluid Pump Inverter Performance | |
| Chevrolet P1E3A | Auxiliary Transmission Fluid Pump Motor Torque Delivered Performance | |
| | Control Module Calculated Hybrid/EV Battery Performance | |
| | 14V Power Module Random Access Memory | |
| Chevrolet P1E3F | 14V Power Module Read Only Memory | |
| Chevrolet P1E40 | 14 Volt Power Module Hybrid/EV Battery System Voltage Performance | |
| Chevrolet P1E41 | 14 Volt Power Module Hybrid/EV Battery System Overvoltage Sensing Circuit | |
| | 14 Volt Power Module Hybrid/EV Battery System High Voltage | |
| | 14 Volt Power Module System Overvoltage Sensing Circuit | |
| | 14 Volt Power Module System High Voltage | |
| Chevrolet P1E45 | 14 Volt Power Module Temperature Sensors 1-2 Not Plausible | |
| Chevrolet P1E46 | 14 Volt Power Module Temperature Sensor 1 High Temperature Sensing Circuit | |
| Chevrolet P1E47 | 14 Volt Power Module Temperature Sensor 1 Circuit High Temperature | |
| Chevrolet P1E48 | 14 Volt Power Module Temperature Sensor 2 High Temperature Sensing Circuit | |
| Chevrolet P1E49 | 14 Volt Power Module Temperature Sensor 2 Circuit High Temperature | |
| | Control Module Redundant Drive Motor 1 Speed Sensing Circuit | |
| Chevrolet P1E4B | Control Module Redundant Drive Motor 2 Speed Sensing Circuit | |



| Codes | Def |
|------------------------------------|--|
| Chevrolet P1E4C | Hybrid/EV Battery 33 Circuit |
| Chevrolet P1E4D | Hybrid/EV Battery 34 Circuit |
| Chevrolet P1E4E | Hybrid/EV Battery 35 Circuit |
| Chevrolet P1E4F | Hybrid/EV Battery 36 Circuit |
| Chevrolet P1E50 | Hybrid/EV Battery 37 Circuit |
| Chevrolet P1E51 | Hybrid/EV Battery 38 Circuit |
| Chevrolet P1E52 | Hybrid/EV Battery 39 Circuit |
| Chevrolet P1E53 | Hybrid/EV Battery 40 Circuit |
| Chevrolet P1E54 | Hybrid/EV Battery 41 Circuit |
| Chevrolet P1E55 | Hybrid/EV Battery 42 Circuit |
| Chevrolet P1E56 | Hybrid/EV Battery 43 Circuit |
| Chevrolet P1E57 | Hybrid/EV Battery 44 Circuit |
| Chevrolet P1E58 | Hybrid/EV Battery 45 Circuit |
| Chevrolet P1E59 | Hybrid/EV Battery 46 Circuit |
| Chevrolet P1E5A | Hybrid/EV Battery 47 Circuit |
| Chevrolet P1E5B | Hybrid/EV Battery 48 Circuit |
| Chevrolet P1E5C | Hybrid/EV Battery 49 Circuit |
| Chevrolet P1E5D | Hybrid/EV Battery 50 Circuit |
| Chevrolet P1E5E | Hybrid/EV Battery 51 Circuit |
| Chevrolet P1E5F | Hybrid/EV Battery 52 Circuit |
| Chevrolet P1E60 | Hybrid/EV Battery 53 Circuit |
| Chevrolet P1E61 | Hybrid/EV Battery 54 Circuit |
| Chevrolet P1E62 | Hybrid/EV Battery 55 Circuit |
| Chevrolet P1E63 | Hybrid/EV Battery 56 Circuit |
| Chevrolet P1E64 | Hybrid/EV Battery 57 Circuit |
| Chevrolet P1E65 | Hybrid/EV Battery 58 Circuit |
| Chevrolet P1E66 | Hybrid/EV Battery 59 Circuit |
| Chevrolet P1E67 | Hybrid/EV Battery 60 Circuit |
| Chevrolet P1E68 | Hybrid/EV Battery 61 Circuit |
| Chevrolet P1E69 | Hybrid/EV Battery 62 Circuit |
| Chevrolet P1E6A | Hybrid/EV Battery 63 Circuit |
| Chevrolet P1E6B Chevrolet P1E6C | Hybrid/EV Battery 64 Circuit |
| Chevrolet P1E6C Chevrolet P1E6D | Hybrid/EV Battery 65 Circuit |
| Chevrolet P1E6D Chevrolet P1E6E | Hybrid/EV Battery 66 Circuit Hybrid/EV Battery 67 Circuit |
| Chevrolet P1E6F | Hybrid/EV Battery 68 Circuit |
| Chevrolet P1E07 Chevrolet P1E70 | Hybrid/EV Battery 69 Circuit |
| Chevrolet P1E70 | Hybrid/EV Battery 70 Circuit |
| Chevrolet P1E71 Chevrolet P1E72 | Hybrid/EV Battery 71 Circuit |
| Chevrolet P1E73 | Hybrid/EV Battery 72 Circuit |
| Chevrolet P1E73 | Hybrid/EV Battery 73 Circuit |
| Chevrolet P1E75 | Hybrid/EV Battery 74 Circuit |
| Chevrolet P1E75 | Hybrid/EV Battery 75 Circuit |
| Chevrolet P1E77 | Hybrid/EV Battery 76 Circuit |
| | injuita, in Dattory / O Offourt |

<u>DBDCodeX</u>

| Codes | Definition | |
|------------------------|--|--|
| Chevrolet P1E78 | Hybrid/EV Battery 77 Circuit | |
| Chevrolet P1E79 | Hybrid/EV Battery 78 Circuit | |
| | Hybrid/EV Battery 79 Circuit | |
| | Hybrid/EV Battery 80 Circuit | |
| | Hybrid/EV Battery 81 Circuit | |
| | Hybrid/EV Battery 82 Circuit | |
| | Hybrid/EV Battery 83 Circuit | |
| | Hybrid/EV Battery 84 Circuit | |
| | Hybrid/EV Battery 85 Circuit | |
| | Hybrid/EV Battery 86 Circuit | |
| | Hybrid/EV Battery 87 Circuit | |
| | Hybrid/EV Battery 88 Circuit | |
| | Hybrid/EV Battery 89 Circuit | |
| | Hybrid/EV Battery 90 Circuit | |
| | Hybrid/EV Battery 91 Circuit Hybrid/EV Battery 92 Circuit | |
| | Hybrid/EV Battery 93 Circuit | |
| | Hybrid/EV Battery 94 Circuit | |
| | Hybrid/EV Battery 95 Circuit | |
| | Hybrid/EV Battery Interface Control Module 1 Cell Balancing | |
| Chevrolet P1E92 | Circuit | |
| Chevrolet P1E93 | Hybrid/EV Battery Interface Control Module 1 5 V Reference Circuit | |
| Chevrolet P1E98 | Hybrid/EV Battery Interface Control Module 2 Cell Balancing Circuit | |
| Chevrolet P1E99 | Hybrid/EV Battery Interface Control Module 2 5 V Reference Circuit | |
| Chevrolet P1E9E | Hybrid/EV Battery Interface Control Module 3 Cell Balancing Circuit | |
| Chevrolet P1E9F | Hybrid/EV Battery Interface Control Module 3 5 V Reference Circuit | |
| Chevrolet P1EA4 | Hybrid/EV Battery Interface Control Module 4 Cell Balancing Circuit | |
| Chevrolet P1EA5 | Hybrid/EV Battery Interface Control Module 4 5 V Reference Circuit | |
| | 14 Volt Power Module Cooling Fan Control Circuit | |
| Chevrolet P1EA7 | 14 Volt Power Module Cooling Fan Enable Circuit | |
| Chevrolet P1EA8 | 14 Volt Power Module Hybrid/EV Battery System Voltage Low Voltage | |
| Chevrolet P1EA9 | 14 V Power Module System Low Voltage | |
| Chevrolet P1EAB | Battery Energy Control Module Hybrid/EV Battery Cell High Voltage | |
| | Hybrid/EV Battery Cell Overvoltage Signal Circuit Performance | |
| | Drive Motor 1 Control Module Long Term Memory Reset | |
| Chevrolet P1EB7 | Drive Motor 2 Control Module Long Term Memory Reset | |
| | | |



Codes Definition Auxiliary Transmission Fluid Pump Control Module Long Term **Chevrolet P1EB8** Memory Reset Hybrid/EV Battery Low Resolution Current Sensor Exceeded **Chevrolet P1EBA** Learning Limit Hybrid/EV Battery High Resolution Current Sensor Exceeded **Chevrolet P1EBB** Learning Limit Chevrolet P1EBC Hybrid/EV Battery Multifunction Contactor Control Circuit **Chevrolet P1EBD** Battery Charging System Contactors Stuck Open Chevrolet P1EBE Hybrid/EV Battery Multifunction Contactor Stuck Open Chevrolet P1EBF Hybrid/EV Battery Multifunction Contactor Stuck Closed Chevrolet P1EC0 Hybrid/EV Battery System Contactors Stuck Open Chevrolet P1EC3 Hybrid/EV Battery Pack Heater Transistor Control Circuit Chevrolet P1EC4 Hybrid/EV Battery Pack Heater Transistor Stuck Off **Chevrolet P1EC5** Hybrid/EV Battery Pack Heater Transistor Stuck On Chevrolet P1EC6 Hybrid/EV Battery Pack Heater Performance Chevrolet P1EC7 Hybrid/EV Battery Pack Coolant Control Valve Control Circuit 2 Low Voltage Hybrid/EV Battery Pack Coolant Control Valve Control Circuit 2 **Chevrolet P1EC8** High Voltage Chevrolet P1EC9 A/C Compressor Motor Instantaneous High Current **Chevrolet P1ECA** A/C Compressor Motor Instantaneous High Voltage Chevrolet P1ECB Battery Charger High Voltage Converter 1 Temperature Sensor Circuit Low Voltage Battery Charger High Voltage Converter 1 Temperature Sensor **Chevrolet P1ECC Circuit High Voltage** Battery Charger High Voltage Converter 1 Temperature Sensor **Chevrolet P1ECD Circuit Performance Chevrolet P1ECE** Battery Charger Total Output Power Performance Battery Charger High Voltage Converter 2 Temperature Sensor **Chevrolet P1ED0 Circuit Low Voltage** Battery Charger High Voltage Converter 2 Temperature Sensor **Chevrolet P1ED1** Circuit High Voltage Battery Charger High Voltage Converter 2 Temperature Sensor **Chevrolet P1ED2 Circuit Performance** Battery Charger Cold Plate Temperature Sensor Circuit Low **Chevrolet P1ED6** Voltage Battery Charger Cold Plate Temperature Sensor Circuit High **Chevrolet P1ED7** Voltage Chevrolet P1ED8 Battery Charger Cold Plate Temperature Sensor Performance Battery Charger Converter Input Voltage Sensor 1 Circuit Low **Chevrolet P1ED9** Voltage Battery Charger Converter Input Voltage Sensor 1 Circuit High **Chevrolet P1EDA** Voltage **Chevrolet P1EDB** Battery Charger Converter Input Voltage Sensor 1 Performance Battery Charger Converter Input Voltage Sensor 2 Circuit Low **Chevrolet P1EDC** Voltage

OBDCndeX

| Codes | Definition |
|------------------------|---|
| Chevrolet P1EDD | Battery Charger Converter Input Voltage Sensor 2 Circuit High Voltage |
| Chevrolet P1EDE | Battery Charger Converter Input Voltage Sensor 2 Performance |
| Chevrolet P1EDF | Battery Charger Input Voltage Conditioner Temperature Sensor Circuit Low Voltage |
| Chevrolet P1EE0 | Battery Charger Input Voltage Conditioner Temperature Sensor Circuit High Voltage |
| Chevrolet P1EE1 | Battery Charger Input Voltage Conditioner Temperature Sensor Performance |
| Chevrolet P1EE2 | Battery Charger High Voltage Converter 1 Input Current Sensor Circuit Low Voltage |
| Chevrolet P1EE3 | Battery Charger High Voltage Converter 1 Input Current Sensor Circuit High Voltage |
| Chevrolet P1EE4 | Battery Charger High Voltage Converter 2 Input Current Sensor Circuit Low Voltage |
| Chevrolet P1EE5 | Battery Charger High Voltage Converter 2 Input Current Sensor Circuit High Voltage |
| Chevrolet P1EE6 | Battery Charger AC Not Present |
| Chevrolet P1EE7 | Battery Charger Control Module Reference Voltage 1 Circuit Low Voltage |
| Chevrolet P1EE8 | Battery Charger Control Module Reference Voltage 1 Circuit High Voltage |
| Chevrolet P1EE9 | Battery Charger Control Module Reference Voltage 2 Circuit Low Voltage |
| Chevrolet P1EEA | Battery Charger Control Module Reference Voltage 2 Circuit High Voltage |
| Chevrolet P1EEB | Battery Charger Control Module Reference Voltage 3 Circuit Low Voltage |
| Chevrolet P1EEC | Battery Charger Control Module Reference Voltage 3 Circuit High Voltage |
| Chevrolet P1EED | Battery Charger 14V Output Voltage Sensing Circuit |
| Chevrolet P1EEF | Battery Charger 14 V Converter Output Power Regulation Performance |
| Chevrolet P1EF0 | Battery Charger High Voltage Converter 1 Output Power Regulation Performance |
| Chevrolet P1EF1 | Battery Charger High Voltage Converter 2 Output Power Regulation Performance |
| | Battery Charger High Voltage Converter 1 Temperature Too High |
| Chevrolet P1EF4 | Battery Charger High Voltage Converter 2 Temperature Too High |
| Chevrolet P1EF5 | Battery Charger Input Voltage Conditioner Temperature Too High |
| Chevrolet P1EF6 | Battery Charger Control Module Ignition On/Start Switch Circuit Low Voltage |
| Chevrolet P1EF7 | Battery Charger Control Module Ignition On/Start Switch Circuit High Voltage |
| Chevrolet P1EFA | Battery Charger High Voltage Converter 1 Input Current Too High |
| | |



| Codes | Definition |
|------------------------|--|
| Chevrolet P1EFB | Battery Charger High Voltage Converter 2 Input Current Too High |
| Chevrolet P1EFC | Battery Charger Control Module System Voltage Low Voltage |
| | Battery Charger Power Efficiency |
| Chevrolet P1EFE | Battery Charger Reverse Polarity Protection Circuit Performance |
| Chevrolet P1EFF | Battery Charger Input Power Up Protection Circuit Performance |
| Chevrolet P1F01 | Battery Charger Control Module Supply Voltage Sensor Circuit Low Voltage |
| Chevrolet P1F02 | Battery Charger Control Module Supply Voltage Sensor Circuit High Voltage |
| Chevrolet P1F03 | Battery Charger Control Module Supply Voltage Performance |
| Chevrolet P1F04 | Battery Charger Input Voltage Conditioner Enable Circuit Performance |
| Chevrolet P1F05 | Battery Charger Converter Input Voltage Performance |
| | A/C Compressor Motor Speed Performance |
| Chevrolet P1F0B | A/C Compressor Motor Start-Up Current Performance |
| Chevrolet P1F0C | Electric A/C Compressor Control Module A/C Compressor Motor Current Feedback Circuit Low Voltage |
| | Battery Charging Voltage System Isolation Lost |
| Chevrolet P1F14 | Battery Charger Input Current Sensor Exceeded Learning Limit |
| Chevrolet P1F15 | Battery Charger 14V Output Current Sensor Exceeded Learning Limit |
| Chevrolet P1F16 | Battery Charger Hybrid/EV Battery Output Current Sensor Exceeded Learning Limit |
| Chevrolet P1F17 | System Isolation / Impact Sensor Fault - Hybrid/EV Battery System Contactors Open |
| | Hybrid/EV Battery Pack Coolant Pump Enable Circuit |
| Chevrolet P3400 | Cylinder Deactivation System Performance |
| Chevrolet P3401 | 5 |
| | Cylinder 4 Deactivation Solenoid Control Circuit |
| | Cylinder 6 Deactivation Solenoid Control Circuit |
| | Cylinder 7 Deactivation Solenoid Control Circuit |
| | Class 2 Communication Malfunction |
| | Lost Communication with XXX |
| | Loss of Communications with PCM |
| | Lost Communication With Engine Control Module Lost Communication With Transmission Control Module |
| | No Communication With Transfer Case Shift Control Module |
| | Loss of EBCM/EBTCM Communication |
| | No Communication With Electronic Brake Control Module |
| | No Communication With Rear Wheel Steering Control Module |
| | Lost Communications with BCM |
| | No Communication With SDM (Restraint Module) |
| | Loss of VTD (Pass Lock) Communication |
| | No Communication With Instrument Panel Cluster |



Codes Definition **Chevrolet U1097** No Communication With Driver Information Center Chevrolet U1098 Loss of HUD Communications Chevrolet U1099 Loss of HUD Communications **Chevrolet U1111** Lost Communication With Chime Module Chevrolet U1128 Lost Communications With Radio Chevrolet U1129 Loss of AMP Communications Chevrolet U1133 Lost Communication With DVD Player **Chevrolet U1136** Lost Communications With Digital Audio Broadcast **Chevrolet U1137** Lost Communication With Digital Radio Receiver **Chevrolet U1144** Loss of PHN Communications Chevrolet U1147 Lost Communication With Onstar Chevrolet U1151 No Communication With Vehicle Interface Unit Chevrolet U1152 No Communication With HVAC Control Module **Chevrolet U1153** Lost Communication With Climate Control Panel Chevrolet U1160 Loss of DDM Communications Chevrolet U1161 Loss of PDM Serial Data Chevrolet U1162 Lost Communications With Convenience Control System **Chevrolet U1166** Lost Communications With Memory Seat Module Chevrolet U1167 Lost Communications With Rear Seat Audio/Rear HVAC **Chevrolet U1173** Lost Communications With Moveable Roof Module **Chevrolet U1176** Lost Communications With Remote Function Actuation (RCDLR) **Chevrolet U1177** Lost Communications With Folding Top Controller (RDM) **Chevrolet U1192** Loss of Communications with VTD **Chevrolet U1193** Loss of Vehicle Immobilizer Module Communications **Chevrolet U1241** Lost Communication With Scan Tool Chevrolet U1254 Lost Communication with XXX Chevrolet U1255 Class 2 Communications Malfunction Chevrolet U1300 Class 2 Data Link Low Chevrolet U1301 Class 2 Data Link High Chevrolet U1305 Class 2 Data Link High or Low **Chevrolet U1500** Communication (Front to Rear) State of Health Chevrolet U1800 CAN Message Not Received FICM Chevrolet U180F Control Module Communication Bus B Off Chevrolet U1814 Powertrain High Speed Communication Enable Circuit Chevrolet U1842 Lost Communication With ECM/PCM Chevrolet U1843 Lost Communication With ECM/PCM Chevrolet U186A Lost Communication With Transfer Case Control Module Chevrolet U186B Lost Communication With TCM Electro-Hydraulic Power Steering (EHPS) Module Lost **Chevrolet U1881** Communication With Energy Storage Control Module (ESCM) Energy Storage Control Module (ESCM) Lost Communication **Chevrolet U1882** With Electro-Hydraulic Power Steering (EHPS) Module Hybrid Control Module (HCM) Lost Communication With Driver **Chevrolet U1883** Door Module (DDM)

DBDCodeX

| Codes | Definition |
|-----------------|---|
| Chevrolet U1884 | Hybrid Control Module (HCM) Lost Communication With Passenger Door Module (PDM) |
| Chevrolet U1885 | Energy Storage Control Module (ESCM) Lost Communication With Hybrid Control Module (HCM) |
| Chevrolet U1886 | Energy Storage Control Module (ESCM) Lost Communication With Powertrain Control Module (PCM) |
| Chevrolet U1887 | Energy Storage Control Module (ESCM) Lost Communication With Starter/Generator Control Module (SGCM) |
| Chevrolet U1888 | Hybrid Control Module (HCM) Lost Communication With Energy Storage Control Module (ESCM) |
| Chevrolet U1889 | Hybrid Control Module (HCM) Lost Communication With Body Control Module (BCM) |
| Chevrolet U1890 | Hybrid Control Module (HCM) Lost Communication With HVAC Control Module |
| Chevrolet U1891 | Hybrid Control Module (HCM) Lost Communication With Instrument Panel Cluster (IPC) |
| Chevrolet U1892 | Hybrid Control Module (HCM) Lost Communication With Electro- Hydraulic Power Steering (EHPS) Module |
| Chevrolet U1893 | Hybrid Control Module (HCM) Lost Communication With Powertrain Control Module (PCM) |
| Chevrolet U1894 | Hybrid Control Module (HCM) Lost Communication With Starter/Generator Control Module (SGCM) |
| Chevrolet U1895 | Electro-Hydraulic Power Steering (EHPS) Module Lost Communication With Powertrain Control Module (PCM) |
| Chevrolet U1896 | Electro-Hydraulic Power Steering (EHPS) Module Lost Communication With Starter/Generator Control Module (SGCM) |
| Chevrolet U1897 | Starter/Generator Control Module (SGCM) Lost Communication With Energy Storage Control Module (ESCM) |
| Chevrolet U1898 | Starter/Generator Control Module (SGCM) Lost Communication With Hybrid Control Module (HCM) |
| Chevrolet U1899 | Starter/Generator Control Module (SGCM) Lost Communication With Powertrain Control Module (PCM) |
| | Primary High Speed CAN Bus Subnet Configuration List |
| | Secondary High Speed CAN Bus Subnet Configuration List |
| | Invalid BFC Transmitted SPI Data |
| | Invalid IPC Transmitted SPI Data |
| | Audio Navigation Unit is Not Responding |
| | High Speed Communication Enable Circuit |
| | Controller Area Network (CAN) Bus Communication |
| | CAN Bus Maximum Configuration List |
| | Fewer Controllers On Than Programmed |
| | CAN Message Not Received FICM and TCM |
| | TCM Detects Error on CAN Link |
| | CAN Message Not Received from TCM |
| Chevrolet U2107 | Lost Communications With Body Control System |



| Codes | Definition |
|------------------------|--|
| Chevrolet U2108 | Lost Communication With Electronic Brake Control Module (EBCM) |
| Chevrolet U2109 | Lost Communications With Powertrain Multiple Control System |
| Chevrolet U2111 | Lost Communications With Steering Control System |
| Chevrolet U2113 | Lost Communications With Sensing Diagnostic Module (SDM) |
| Chevrolet U2116 | Lost Communications With Instrument Panel Cluster (IPC) |
| Chevrolet U2122 | Lost Communications With Radio |
| Chevrolet U2125 | Lost Communication With Mobile Communications Control Systems |
| Chevrolet U2127 | Lost Communications With Front HVAC |
| Chevrolet U2137 | Lost Communications With Vehicle Theft Deterrent (VTD) |
| Chevrolet U2142 | Loss Communication with UART System |
| | Lost Communications With Steering Angle Sensor (SAS) |
| Chevrolet U2171 | Lost Communications With DVD Player |
| | Lost Communications With Digital Radio Receiver |
| Chevrolet U2199 | 5 |
| P0000 | ISO/SAE Reserved (no valid description) |
| P0002 | Fuel Volume Regulator Control Circuit Range/Performance |
| P0003 | Fuel Volume Regulator Control Circuit Low |
| P0005 | Fuel Shutoff Valve "A" Control Circuit/Open |
| P0007 | Fuel Shutoff Valve "A" Control Circuit High |
| P0008 | Engine Positions System Performance Bank 1 |
| P0009 | Engine Positions System Performance Bank 2 |
| P000A | A Camshaft Position Slow Response Bank 1 |
| P000B | B Camshaft Position Slow Response Bank 1 |
| P000C P000D | A Camshaft Position Slow Response Bank 2 B Compared Resition Slow Response Bank 2 |
| P000D P000F | B Camshaft Position Slow Response Bank 2 Fuel System Over Pressure Relief Valve Activated |
| P0001 | "A" Camshaft Position Actuator Circuit (Bank 1) |
| 10010 | "A" Camshaft Position - Timing Over-Advanced or System |
| P0011 | Performance (Bank 1) |
| P0013 | "B" Camshaft Position Actuator Circuit (Bank 1) |
| P0014 | "B" Camshaft Position - Timing Over-Advanced or System Performance (Bank 1) |
| P0016 | Crankshaft Position - Camshaft Position Correlation (Bank 1 Sensor A) |
| P0017 | Crankshaft Position - Camshaft Position Correlation (Bank 1 Sensor B) |
| P0018 | Crankshaft Position - Camshaft Position Correlation (Bank 2 Sensor A) |
| P0019 | Crankshaft Position - Camshaft Position Correlation (Bank 2 Sensor B) |
| P001B | A Camshaft Profile Control Circuit Low Bank 1 |
| P001E | A Camshaft Profile Control Circuit Low Bank 2 |
| P0020 | "B" Camshaft Position Actuator Circuit (Bank 2) |



| Codes | Definition |
|-------|---|
| P0021 | "A" Camshaft Position - Timing Over-Advanced or System |
| | Performance (Bank 2) |
| P0023 | "B" Camshaft Position Actuator Circuit (Bank 2) "B" Camshaft Position - Timing Over-Advanced or System |
| P0024 | Performance (Bank 2) |
| P002A | B Camshaft Profile Control Circuit/Open Bank 1 |
| P002E | B Camshaft Profile Control Circuit Low Bank 2 |
| P0030 | HO2S Heater Control Circuit (Bank 1 Sensor 1) |
| P0031 | Oxygen (A/F) Sensor Heater Control Circuit Low (Bank 1 Sensor 1) |
| P0032 | Oxygen (A/F) Sensor Heater Control Circuit High (Bank 1 Sensor 1) |
| P0033 | Turbo Charger Bypass Valve Control Circuit |
| P0036 | HO2S Heater Control Circuit (Bank 1 Sensor 2) |
| P0037 | HO2S Heater Control Circuit Low (Bank 1 Sensor 2) |
| P0038 | HO2S Heater Control Circuit High (Bank 1 Sensor 2) |
| P003A | Turbocharger/Supercharger Boost Control A Position Exceeded Learning Limit |
| P003B | Turbocharger/Supercharger Boost Control B Position Exceeded Learning Limit |
| P003E | A Camshaft Profile Control Circuit Performance/Stuck Off Bank 2 |
| P0041 | O2 Sensor Signals Swapped Bank 1 Sensor 2 / Bank 2 Sensor 2 |
| P0045 | Turbocharger/Supercharger Boost Control "A" Circuit Open |
| P0046 | Turbocharger/Supercharger Boost Control "A" Circuit Range Performance |
| P0047 | Turbocharger/Supercharger Boost Control "A" Circuit Low |
| P0048 | Turbocharger/Supercharger Boost Control "A" Circuit High |
| P004B | Turbocharger/Supercharger Boost Control "B" Circuit Range Performance |
| P004F | Turbocharger/Supercharger Boost Control "B" Circuit Intermittent/Erratic |
| P0050 | HO2S Heater Control Circuit (Bank 2 Sensor 1) |
| P0051 | Oxygen (A/F) Sensor Heater Control Circuit Low (Bank 2 Sensor 1) |
| P0052 | Oxygen (A/F) Sensor Heater Control Circuit High (Bank 2 Sensor 1) |
| P0053 | HO2S Heater Resistance (Bank 1 Sensor 1) |
| P0054 | HO2S Heater Resistance (Bank 1 Sensor 2) |
| P0056 | HO2S Heater Control Circuit (Bank 2 Sensor 2) |
| P0057 | HO2S Heater Control Circuit Low (Bank 2 Sensor 2) |
| P0058 | HO2S Heater Control Circuit High (Bank 2 Sensor 2) |
| P0059 | HO2S Heater Resistance (Bank 2 Sensor 1) |
| P005B | B Camshaft Profile Control Circuit Stuck On Bank 1 |
| P005F | Turbocharger/Supercharger Boost Control B Supply Voltage Circuit High |
| P0060 | HO2S Heater Resistance (Bank 2 Sensor 2) |



| Codes | Definition |
|----------------|---|
| P0063 | HO2S Heater Control Circuit Low (Bank 2 Sensor 3) |
| P0064 | HO2S Heater Control Circuit High (Bank 2 Sensor 3) |
| P0068 | MAP/MAF - Throttle Position Correlation |
| P0069 | Manifold Absolute Pressure - Barometric Pressure Correlation |
| P006B | MAP - Exhaust Pressure Correlation |
| P006C | MAP - Turbocharger/Supercharger Inlet Pressure Correlation |
| P006D | Barometric Pressure - Turbocharger/Supercharger Inlet Pressure Correlation |
| P006E | Turbocharger/Supercharger Boost Control A Supply Voltage Circuit Low |
| P006F | Turbocharger/Supercharger Boost Control A Supply Voltage Circuit High |
| P0070 | Ambient Air Temperature Sensor Circuit |
| P0071 | Ambient Air Temperature Sensor Performance |
| P0072 | Ambient Air Temperature Sensor Circuit Low |
| P0073 | Ambient Air Temperature Sensor Circuit High |
| P0074 | Ambient Air Temperature Sensor Circuit Intermittent |
| P007B | Charge Air Cooler Temperature Sensor Circuit Range/Performance Bank 1 |
| P007C | Charge Air Cooler Temperature Sensor Circuit Low Bank 1 |
| P007D | Charge Air Cooler Temperature Sensor Circuit High Bank 1 |
| P007E | Charge Air Cooler Temperature Sensor Circuit Intermittent Bank 1 |
| P0085 | Exhaust Valve Control Solenoid Circuit Low (Bank 2) |
| P0086 | Exhaust Valve Control Solenoid Circuit High (Bank 2) |
| P0087 | Fuel Rail/System Pressure - Too Low |
| P0088 | Fuel Rail/System Pressure - Too High |
| P0089 | Fuel Pressure Regulator 1 Performance |
| P008F | Engine Coolant Temperature/Fuel Temperature Correlation |
| P0090 P0091 | Fuel Pressure Regulator 1 Control Circuit Open Fuel Pressure Regulator 1 Control Circuit Low |
| P0091 P0092 | Fuel Pressure Regulator 1 Control Circuit High |
| P0093 | Fuel System Large Leak Detected |
| P0094 | Fuel System Leak Detected - Small Leak |
| | Intake Air Temperature (IAT) Sensor 2 Circuit |
| P0096 | Range/Performance |
| P0097 | Intake Air Temperature Sensor 2 Circuit Low Input |
| P0098 | Intake Air Temperature Sensor 2 Circuit High |
| P0099 | Intake Air Temperature Sensor 2 Circuit Intermittent |
| P009A | Intake Air Temperature/Ambient Air Temperature Correlation |
| P009B | Fuel Pressure Relief Control Circuit/Open |
| P009C | Fuel Pressure Relief Control Circuit Low |
| P009D | Fuel Pressure Relief Control Circuit High |
| P009E | Fuel Pressure Relief Control Circuit Performance/Stuck Off |
| P009F | Fuel Pressure Relief Control Circuit Stuck On |



| Codes | Definition |
|----------------|--|
| P00A6 | Intake Air Temperature (IAT) Sensor 2 Circuit |
| | Range/Performance Bank 2 |
| P00A9 | Intake Air Temperature Sensor 2 Circuit Intermittent Bank 2 |
| POOAF | Turbocharger/Supercharger Boost Control A Module Performance |
| P00B1 | Radiator Coolant Temperature Sensor Circuit |
| P00B2 | Radiator Coolant Temperature Sensor Circuit Range/Performance |
| P00B3 | Radiator Coolant Temperature Sensor Circuit Low |
| P00B4 | Radiator Coolant Temperature Sensor Circuit High |
| P00B5 | Radiator Coolant Temperature Sensor Circuit Intermittent |
| P00B6 | Radiator Coolant Temperature/Engine Coolant Temperature Correlation |
| P00B7 | Engine Coolant Flow Low/Performance |
| P00C0 | ISO/SAE Reserved |
| P00C1 | ISO/SAE Reserved |
| P00C2 | ISO/SAE Reserved |
| P00C3 | ISO/SAE Reserved |
| P00C4 | ISO/SAE Reserved |
| P00C5 | ISO/SAE Reserved |
| P00C6 | ISO/SAE Reserved ISO/SAE Reserved |
| P00C7 P00C8 | ISO/SAE Reserved |
| P00C8 P00C9 | ISO/SAE Reserved |
| POOCA | ISO/SAE Reserved |
| POOCB | ISO/SAE Reserved |
| POOCC | ISO/SAE Reserved |
| POOCD | ISO/SAE Reserved |
| POOCE | ISO/SAE Reserved |
| P00CF | ISO/SAE Reserved |
| P00D0 | ISO/SAE Reserved |
| P00D1 | ISO/SAE Reserved |
| P00D2 | ISO/SAE Reserved |
| P00D3 | ISO/SAE Reserved |
| P00D4 | ISO/SAE Reserved |
| P00D5 | ISO/SAE Reserved |
| P00D6 | ISO/SAE Reserved |
| P00D7 | ISO/SAE Reserved |
| P00D8 | ISO/SAE Reserved |
| P00D9 | ISO/SAE Reserved |
| POODA | ISO/SAE Reserved |
| POODB | ISO/SAE Reserved |
| POODC POODD | ISO/SAE Reserved |
| POODD POODE | ISO/SAE Reserved |
| POODE | ISO/SAE Reserved |



| Codes | Definition |
|--------------|---|
| POODF | ISO/SAE Reserved |
| P00E0 | ISO/SAE Reserved |
| P00E1 | ISO/SAE Reserved |
| P00E2 | ISO/SAE Reserved |
| P00E3 | ISO/SAE Reserved |
| P00E4 | ISO/SAE Reserved |
| P00E5 | ISO/SAE Reserved |
| P00E6 | ISO/SAE Reserved |
| P00E7 | ISO/SAE Reserved |
| P00E8 | ISO/SAE Reserved |
| P00E9 | ISO/SAE Reserved |
| POOEA | ISO/SAE Reserved |
| POOEB | ISO/SAE Reserved |
| POOEC | ISO/SAE Reserved |
| POOED | ISO/SAE Reserved |
| POOEE | ISO/SAE Reserved |
| POOEF | ISO/SAE Reserved |
| P00F0 | ISO/SAE Reserved |
| P00F1 | ISO/SAE Reserved |
| P00F2 | ISO/SAE Reserved |
| P00F3 | ISO/SAE Reserved |
| P00F4 | ISO/SAE Reserved |
| P00F5 | ISO/SAE Reserved |
| P00F6 | ISO/SAE Reserved |
| P00F7 | ISO/SAE Reserved |
| P00F8 | ISO/SAE Reserved |
| P00F9 | ISO/SAE Reserved |
| POOFA | ISO/SAE Reserved |
| P00FB | ISO/SAE Reserved |
| POOFC | ISO/SAE Reserved |
| POOFD | ISO/SAE Reserved |
| POOFE | ISO/SAE Reserved |
| POOFF | ISO/SAE Reserved |
| P0100 | Mass or Volume Air Flow (MAF) Circuit Malfunction |
| P0101 | Mass Air Flow (MAF) Circuit Range/Performance |
| P0102 | Mass or Volume Air Flow Circuit Low |
| P0103 | Mass or Volume Air Flow Circuit High |
| P0105 | Manifold Absolute Pressure/Barometric Pressure Circuit Malfunction |
| P0106 | Manifold Absolute Pressure/Barometric Pressure Circuit Range/Performance Problem |
| P0107 | Manifold Absolute Pressure/Barometric Pressure Circuit Low Input |
| | Manifold Absolute Pressure/Barometric Pressure Circuit High |

Manifold Absolute Pressure/Barometric Pressure Circuit High P0108 Input



| Codes | Definition |
|----------------|--|
| P0110 | Intake Air Temperature Sensor 1 Circuit Malfunction |
| P0111 | Intake Air Temperature (IAT) Sensor 1 Circuit Range/Performance |
| P0112 | Intake Air Temperature Sensor 1 Circuit Low Input |
| P0113 | Intake Air Temperature Sensor 1 Circuit High Input |
| P0114 | Intake Air Temperature Sensor 1 Circuit Intermittent |
| P0115 | Engine Coolant Temperature Sensor Circuit Malfunction |
| P0116 | Engine Coolant Temperature (ECT) Sensor Circuit Range/Performance |
| P0117 | Engine Coolant Temperature (ECT) Sensor Circuit Low Input |
| P0118 | Engine Coolant Temperature Sensor Circuit High Input |
| P0119 | Engine Coolant Temperature Sensor Circuit Intermittent |
| P011A | Engine Coolant Temperature Sensor 1/2 Correlation |
| P011E | ISO/SAE Reserved |
| P011F | ISO/SAE Reserved |
| P0120 | Throttle Position Sensor/Switch (TPS) A Circuit Malfunction |
| P0121 | Throttle Position Sensor/Switch A Circuit Range/Performance Problem |
| P0122 | Throttle Position Sensor/Switch A Circuit Low Input |
| P0123 | Throttle Position Sensor/Switch A Circuit High Input |
| P0125 | Insufficient Coolant Temperature For Closed Loop Fuel Control |
| P0126 | Insufficient Coolant Temperature for Stable Operation |
| P0128 | Coolant Thermostat (Coolant Temperature Below Thermostat Regulating Temperature) |
| P012B | Turbocharger/Supercharger Inlet Pressure Sensor Circuit Range/Performance (Downstream of throttle valve) |
| P012F | ISO/SAE Reserved |
| P0130 | O2 Sensor Circuit Malfunction (Bank 1 Sensor 1) |
| P0131 | Oxygen O2 Sensor Circuit Low Voltage (Bank 1, Sensor 1) |
| P0132 | O2 Oxygen Sensor Circuit High Voltage (Bank1, Sensor1) |
| P0133 | Oxygen Sensor Circuit Slow Response (Bank1, Sensor1) |
| P0134 | O2 Sensor Circuit No Activity Detected (Bank 1 Sensor 1) |
| P0135 | Oxygen O2 Sensor Heater Circuit Malfunction (Bank 1, Sensor 1) |
| P0136 | Oxygen O2 Sensor Circuit Low Voltage (Bank 1, Sensor 2) |
| P0137 P0138 | Oxygen O2 Sensor Circuit Low Voltage (Bank 1, Sensor 2) |
| P0130 P0139 | O2 Oxygen Sensor Circuit High Voltage (Bank1, Sensor2) Oxygen Sensor Circuit Slow Response (Bank1, Sensor2) |
| P013A | O2 Sensor Slow Response - Rich to Lean (Bank 1 Sensor 2) |
| P013B | O2 Sensor Slow Response - Lean to Rich (Bank 1 Sensor 2) |
| P013C | O2 Sensor Slow Response - Rich to Lean (Bank 2 Sensor 2) |
| P013D | O2 Sensor Slow Response - Lean to Rich (Bank 2 Sensor 2) |
| P013E | O2 Sensor Delayed Response - Rich to Lean (Bank 1 Sensor 2) |
| P013F | O2 Sensor Delayed Response - Lean to Rich (Bank 1 Sensor 2) |
| P0140 | O2 Sensor Circuit No Activity Detected (Bank 1 Sensor 2) |
| P0141 | O2 Sensor Heater Circuit Malfunction (Bank 1, Sensor 2) |
| | · · · · · · · · · · · · · · · · · · · |



| Codes | Definition | |
|----------------|--|--|
| P0143 | O2 Sensor Circuit Low Voltage (Bank 1 Sensor 3) | |
| P0144 | O2 Sensor Circuit High Voltage (Bank 1 Sensor 3) | |
| P0146 | O2 Sensor Circuit No Activity Detected (Bank 1 Sensor 3) | |
| P0147 | O2 Sensor Heater Circuit Malfunction (Bank 1 Sensor 3) | |
| P0148 | Fuel Delivery Error | |
| P014A | O2 Sensor Delayed Response - Rich to Lean (Bank 2 Sensor 2) | |
| P014B | O2 Sensor Delayed Response - Lean to Rich (Bank 2 Sensor 2) | |
| P014C | O2 Sensor Slow Response - Rich to Lean (Bank 1 Sensor 1) | |
| P014D | O2 Sensor Slow Response - Lean to Rich (Bank 1 Sensor 1) | |
| P014E | O2 Sensor Slow Response - Rich to Lean (Bank 2 Sensor 1) | |
| P014F | O2 Sensor Slow Response - Lean to Rich (Bank 2 Sensor 1) | |
| P0150 | O2 Sensor Circuit Malfunction (Bank 2 Sensor 1) | |
| P0151 | Oxygen O2 Sensor Circuit Low Voltage (Bank 2, Sensor 1) | |
| P0152 | O2 Sensor Circuit High Voltage (Bank 2 Sensor 1) | |
| P0153 | Oxygen Sensor Circuit Slow Response (Bank2, Sensor1) | |
| P0154 | O2 Sensor Circuit No Activity Detected (Bank 2 Sensor 1) | |
| P0155 | O2 Sensor Heater Circuit Malfunction (Bank 2 Sensor 1) | |
| P0156 | O2 Sensor Circuit Malfunction (Bank 2 Sensor 2) | |
| P0157 | O2 Sensor Circuit Low Voltage (Bank 2 Sensor 2) | |
| P0158 | O2 Sensor Circuit High Voltage (Bank 2 Sensor 2) | |
| P0159 | Oxygen Sensor Circuit Slow Response (Bank2, Sensor2) | |
| P015A | O2 Sensor Delayed Response - Rich to Lean (Bank 1 Sensor 1) | |
| P015B | O2 Sensor Delayed Response - Lean to Rich (Bank 1 Sensor 1) | |
| P015C | O2 Sensor Delayed Response - Rich to Lean (Bank 2 Sensor 1) | |
| P015D | O2 Sensor Delayed Response - Lean to Rich (Bank 2 Sensor 1) | |
| P015E P015F | ISO/SAE Reserved | |
| P015F P0160 | ISO/SAE Reserved O2 Sensor Circuit No Activity Detected (Bank 2 Sensor 2) | |
| P0160 P0161 | - | |
| P0168 | Oxygen O2 Sensor Circuit Low Voltage (Bank 2, Sensor 2) Fuel Temperature Too High | |
| P0169 | Incorrect Fuel Composition | |
| P016A | ISO/SAE Reserved | |
| P016B | ISO/SAE Reserved | |
| P016C | ISO/SAE Reserved | |
| P016D | ISO/SAE Reserved | |
| P016E | ISO/SAE Reserved | |
| P016F | ISO/SAE Reserved | |
| P0171 | System Too Lean (Bank 1) | |
| P0172 | System Too Rich (Bank 1) | |
| P0174 | System Too Lean (Bank 2) | |
| P0175 | System Too Rich (Bank 2) | |
| P0178 | Fuel Composition Sensor Circuit Low Input | |
| P0179 | Fuel Composition Sensor Circuit High Input | |
| P017A | ISO/SAE Reserved | |



| Codes | Definition | |
|----------------|---|--|
| P017B | ISO/SAE Reserved | |
| P017C | ISO/SAE Reserved | |
| P017D | ISO/SAE Reserved | |
| P017E | ISO/SAE Reserved | |
| P017F | ISO/SAE Reserved | |
| P0181 | Fuel Temperature Sensor A Circuit Range/Performance | |
| P0182 | Fuel Temperature Sensor A Circuit Low Input | |
| P0183 | Fuel Temperature Sensor A Circuit High Input | |
| P0184 | Fuel Temperature Sensor A Circuit Intermittent | |
| P0187 | Fuel Temperature Sensor B Circuit Low Input | |
| P0188 | Fuel Temperature Sensor B Circuit High Input | |
| P018A | Fuel Pressure Sensor B Circuit | |
| P018B | Fuel Pressure Sensor B Circuit Range/Performance | |
| P018C | Fuel Pressure Sensor B Circuit Low | |
| P018D | Fuel Pressure Sensor B Circuit High | |
| P018E | Fuel Pressure Sensor B Circuit Intermittent/Erratic | |
| P0190 | Fuel Rail Pressure Sensor "A" Circuit | |
| P0191 | Fuel Rail Pressure Sensor "A" Circuit Range/Performance | |
| P0192 | Fuel Rail Pressure Sensor "A" Circuit Low | |
| P0193 | Fuel Rail Pressure Sensor "A" Circuit High | |
| P019A | ISO/SAE Reserved | |
| P019B | ISO/SAE Reserved | |
| P019C | ISO/SAE Reserved | |
| P019D | ISO/SAE Reserved | |
| P019E | ISO/SAE Reserved | |
| P019F | ISO/SAE Reserved | |
| P01A0 | ISO/SAE Reserved | |
| P01A1 | ISO/SAE Reserved | |
| P01A2 | ISO/SAE Reserved | |
| P01A3 | ISO/SAE Reserved | |
| P01A4 | ISO/SAE Reserved | |
| P01A5 | ISO/SAE Reserved | |
| P01A6 | ISO/SAE Reserved | |
| P01A7 P01A8 | ISO/SAE Reserved ISO/SAE Reserved | |
| P01A0 P01A9 | ISO/SAE Reserved | |
| P01A9 P01AA | ISO/SAE Reserved | |
| P01AB | ISO/SAE Reserved | |
| P01AC | ISO/SAE Reserved | |
| P01AD | ISO/SAE Reserved | |
| P01AD P01AE | ISO/SAE Reserved | |
| P01AF | ISO/SAE Reserved | |
| P01B0 | ISO/SAE Reserved | |
| P01B1 | ISO/SAE Reserved | |
| IVIDI | | |



| Codes | |
|----------------|--------------------------------------|
| P01B2 | ISO/SAE Reserved |
| P01B3 | ISO/SAE Reserved |
| P01B4 | ISO/SAE Reserved |
| P01B5 | ISO/SAE Reserved |
| P01B6 | ISO/SAE Reserved |
| P01B7 | ISO/SAE Reserved |
| P01B8 | ISO/SAE Reserved |
| P01B9 | ISO/SAE Reserved |
| P01BA | ISO/SAE Reserved |
| P01BB | ISO/SAE Reserved |
| P01BC | ISO/SAE Reserved |
| P01BD | ISO/SAE Reserved |
| P01BE | ISO/SAE Reserved |
| P01BF | ISO/SAE Reserved |
| P01C0 | ISO/SAE Reserved |
| P01C1 | ISO/SAE Reserved |
| P01C2 | ISO/SAE Reserved |
| P01C3 | ISO/SAE Reserved |
| P01C4 | ISO/SAE Reserved |
| P01C5 | ISO/SAE Reserved |
| P01C6 | ISO/SAE Reserved |
| P01C7 | ISO/SAE Reserved |
| P01C8 | ISO/SAE Reserved |
| P01C9 | ISO/SAE Reserved |
| P01CA | ISO/SAE Reserved |
| P01CB | ISO/SAE Reserved |
| P01CC | ISO/SAE Reserved |
| P01CD | ISO/SAE Reserved |
| P01CE P01CF | ISO/SAE Reserved |
| P01CF P01D0 | ISO/SAE Reserved |
| P01D0 P01D1 | ISO/SAE Reserved ISO/SAE Reserved |
| P01D1 P01D2 | ISO/SAE Reserved |
| P01D2 P01D3 | ISO/SAE Reserved |
| P01D4 | ISO/SAE Reserved |
| P01D5 | ISO/SAE Reserved |
| P01D6 | ISO/SAE Reserved |
| P01D7 | ISO/SAE Reserved |
| P01D8 | ISO/SAE Reserved |
| P01D9 | ISO/SAE Reserved |
| P01DA | ISO/SAE Reserved |
| P01DB | ISO/SAE Reserved |
| P01DC | ISO/SAE Reserved |
| P01DD | ISO/SAE Reserved |
| | |

<u>DBDCodeX</u>

| Codes | Definition |
|----------------|---|
| P01DE | ISO/SAE Reserved |
| P01DF | ISO/SAE Reserved |
| P01E0 | ISO/SAE Reserved |
| P01E1 | ISO/SAE Reserved |
| P01E2 | ISO/SAE Reserved |
| P01E3 | ISO/SAE Reserved |
| P01E4 | ISO/SAE Reserved |
| P01E5 | ISO/SAE Reserved |
| P01E6 | ISO/SAE Reserved |
| P01E7 | ISO/SAE Reserved |
| P01E8 | ISO/SAE Reserved |
| P01E9 | ISO/SAE Reserved |
| P01EA | ISO/SAE Reserved |
| P01EB | ISO/SAE Reserved |
| P01EC | ISO/SAE Reserved |
| P01ED | ISO/SAE Reserved |
| P01EE | ISO/SAE Reserved |
| P01EF | ISO/SAE Reserved |
| P01F0 | ISO/SAE Reserved |
| P01F1 | ISO/SAE Reserved |
| P01F2 | ISO/SAE Reserved |
| P01F3 | ISO/SAE Reserved |
| P01F4 | ISO/SAE Reserved |
| P01F5 | ISO/SAE Reserved |
| P01F6 | ISO/SAE Reserved |
| P01F7 | ISO/SAE Reserved |
| P01F8 | ISO/SAE Reserved ISO/SAE Reserved |
| P01F9 P01FA | • |
| POIFA PO1FB | ISO/SAE Reserved ISO/SAE Reserved |
| P01FC | ISO/SAE Reserved |
| P01FD | ISO/SAE Reserved |
| P01FE | ISO/SAE Reserved |
| P01FF | ISO/SAE Reserved |
| P0200 | Injector Circuit Malfunction |
| P0201 | Cylinder 1 Injector Circuit Malfunction |
| P0202 | Cylinder 2 Injector Circuit Malfunction |
| P0203 | Cylinder 3 Injector Circuit Malfunction |
| P0204 | Cylinder 4 Injector Circuit Malfunction |
| P0205 | Cylinder 5 Injector Circuit Malfunction |
| P0206 | Cylinder 6 Injector Circuit Malfunction |
| P0207 | Cylinder 7 Injector Circuit Malfunction |
| P0208 | Cylinder 8 Injector Circuit Malfunction |
| P020A | Cylinder 1 Injection Timing |
| | |





| Codes | Definition |
|--------------|--|
| P020B | Cylinder 2 Injection Timing |
| P020C | Cylinder 3 Injection Timing |
| P020D | Cylinder 4 Injection Timing |
| P020E | Cylinder 5 Injection Timing |
| P020F | Cylinder 6 Injection Timing |
| P0215 | Engine Shutoff Solenoid Malfunction |
| P0216 | Injection Timing Control Circuit Malfunction |
| P0217 | Engine Overtemp Condition |
| P0218 | Transmission Over Temperature Condition |
| P0219 | Engine Overspeed Condition |
| P021A | Cylinder 7 Injection Timing |
| P021B | Cylinder 8 Injection Timing |
| P0220 | Throttle Position Sensor/Switch (TPS) B Circuit Malfunction |
| P0221 | Throttle Position Sensor/Switch B Circuit Range/Performance |
| P0222 | Throttle Position Sensor/Switch B Circuit Low Input |
| P0223 | Throttle Position Sensor/Switch B Circuit High Input |
| P0225 | Throttle Position Sensor/Switch (TPS) C Circuit Malfunction |
| P0226 | Throttle Position Sensor/Switch C Circuit Range/Performance |
| P0227 | Throttle Position Sensor/Switch C Circuit Low Input |
| P0228 | Throttle Position Sensor/Switch C Circuit High Input |
| P022E | Charge Air Cooler Bypass Control B Circuit Low |
| P0230 | Fuel Pump Primary (Control) Circuit Malfunction |
| P0231 | Fuel Pump Secondary (Feedback) Circuit Low Voltage |
| P0232 | Fuel Pump Secondary (Feedback) Circuit High Voltage |
| P0233 | Fuel Pump Secondary Circuit Intermittent |
| P0234 | Turbo/Supercharger "A" Overboost Condition |
| P0236 | Turbocharger Boost Sensor A Range/Performance |
| P0237 | Turbocharger/Supercharger Boost Sensor "A" Circuit Low |
| P0238 | Turbocharger/Supercharger Boost Sensor "A" Circuit High |
| P023A | Charge Air Cooler Coolant Pump Control Circuit Open |
| P023B | Charge Air Cooler Coolant Pump Control Circuit Low |
| P023C | Charge Air Cooler Coolant Pump Control Circuit High |
| P023E | Manifold Absolute Pressure - Turbocharger/Supercharger Boost Sensor B Correlation |
| P023F | Fuel Pump Secondary Circuit/Open |
| P0243 | Turbocharger Wastegate Solenoid A Malfunction |
| P024E | Charge Air Cooler Bypass Position Sensor A Circuit Low |
| P0251 | Injection Pump Fuel Metering Control A Malfunction (Cam/Rotor/Injector) |
| P025A | Fuel Pump Module Control Circuit/Open |
| P0261 | Cylinder #1 Injector Circuit Low |
| P0262 | Cylinder #1 Injector Circuit High |
| P0263 | Cylinder 1 Contribution/Balance |
| P0264 | Cylinder #2 Injector Circuit Low |
| | J J J |



| Codes | Definition | |
|-------|--|--|
| P0265 | Cylinder #2 Injector Circuit High | |
| P0266 | Cylinder 2 Contribution/Balance | |
| P0267 | Cylinder #3 Injector Circuit Low | |
| P0268 | Cylinder #3 Injector Circuit High | |
| P0269 | Cylinder 3 Contribution/Balance | |
| P026A | ISO/SAE Reserved | |
| P026B | ISO/SAE Reserved | |
| P026C | ISO/SAE Reserved | |
| P026D | ISO/SAE Reserved | |
| P026E | ISO/SAE Reserved | |
| P026F | ISO/SAE Reserved | |
| P0270 | Cylinder #4 Injector Circuit Low | |
| P0271 | Cylinder #4 Injector Circuit High | |
| P0272 | Cylinder 4 Contribution/Balance | |
| P0273 | Cylinder #5 Injector Circuit Low | |
| P0274 | Cylinder #5 Injector Circuit High | |
| P0275 | Cylinder 5 Contribution/Balance | |
| P0276 | Cylinder #6 Injector Circuit Low | |
| P0277 | Cylinder #6 Injector Circuit High | |
| P0278 | Cylinder 6 Contribution/Balance | |
| P0279 | Cylinder #7 Injector Circuit Low | |
| P027A | ISO/SAE Reserved | |
| P027B | ISO/SAE Reserved | |
| P027C | ISO/SAE Reserved | |
| P027D | ISO/SAE Reserved | |
| P027E | ISO/SAE Reserved | |
| P027F | ISO/SAE Reserved | |
| P0280 | Cylinder #7 Injector Circuit High | |
| P0281 | Cylinder 7 Contribution/Balance | |
| P0282 | Cylinder #8 Injector Circuit Low | |
| P0283 | Cylinder #8 Injector Circuit High | |
| P0284 | Cylinder 8 Contribution/Balance | |
| P028A | ISO/SAE Reserved | |
| P028B | ISO/SAE Reserved | |
| P028C | ISO/SAE Reserved | |
| P028D | ISO/SAE Reserved | |
| P028E | ISO/SAE Reserved | |
| P028F | ISO/SAE Reserved | |
| P0299 | Turbocharger/Supercharger A Underboost Condition | |
| P029D | Cylinder 1 Injector Leaking | |
| P029E | Cylinder 2 Fuel Trim at Max Limit | |
| P02A0 | Cylinder 2 Injector Restricted | |
| P02A1 | Cylinder 2 Injector Leaking | |
| P02A4 | Cylinder 3 Injector Restricted | |



| Codes | Definition | |
|--------------|---|--|
| P02A5 | Cylinder 3 Injector Leaking | |
| P02A8 | Cylinder 4 Injector Restricted | |
| P02A9 | Cylinder 4 Injector Leaking | |
| P02AB | Cylinder 5 Fuel Trim at Min Limit | |
| P02AD | Cylinder 5 Injector Leaking | |
| P02AE | Cylinder 6 Fuel Trim at Max Limit | |
| P02B0 | Cylinder 6 Injector Restricted | |
| P02B1 | Cylinder 6 Injector Leaking | |
| P02B5 | Cylinder 7 Injector Leaking | |
| P02B8 | Cylinder 8 Injector Restricted | |
| P02B9 | Cylinder 8 Injector Leaking | |
| P02BB | Cylinder 9 Fuel Trim at Min Limit | |
| P02BC | Cylinder 9 Injector Restricted | |
| P02BD | Cylinder 9 Injector Leaking | |
| P02BE | Cylinder 10 Fuel Trim at Max Limit | |
| P02BF | Cylinder 10 Fuel Trim at Min Limit | |
| P02C1 | Cylinder 10 Injector Leaking | |
| P02C2 | Cylinder 11 Fuel Trim at Max Limit | |
| P02C3 | Cylinder 11 Fuel Trim at Min Limit | |
| P02C5 | Cylinder 11 Injector Leaking | |
| P02C6 | Cylinder 12 Fuel Trim at Max Limit | |
| P02C7 | Cylinder 12 Fuel Trim at Min Limit | |
| P02C8 | Cylinder 12 Injector Restricted | |
| P02C9 | Cylinder 12 Injector Leaking | |
| P02CC | Cylinder 1 Fuel Injector Offset Learning At Min Limit | |
| P02CD | Cylinder 1 Fuel Injector Offset Learning At Max Limit | |
| P02CE | Cylinder 2 Fuel Injector Offset Learning At Min Limit | |
| P02CF | Cylinder 2 Fuel Injector Offset Learning At Max Limit | |
| P02D0 | Cylinder 3 Fuel Injector Offset Learning At Min Limit | |
| P02D1 | Cylinder 3 Fuel Injector Offset Learning At Max Limit | |
| P02D2 | Cylinder 4 Fuel Injector Offset Learning At Min Limit | |
| P02D3 | Cylinder 4 Fuel Injector Offset Learning At Max Limit | |
| P02D4 | Cylinder 5 Fuel Injector Offset Learning At Min Limit | |
| P02D5 | Cylinder 5 Fuel Injector Offset Learning At Max Limit | |
| P02D6 | Cylinder 6 Fuel Injector Offset Learning At Min Limit | |
| P02D7 | Cylinder 6 Fuel Injector Offset Learning At Max Limit | |
| P02D8 | Cylinder 7 Fuel Injector Offset Learning At Min Limit | |
| P02D9 | Cylinder 7 Fuel Injector Offset Learning At Max Limit | |
| P02DA | Cylinder 8 Fuel Injector Offset Learning At Min Limit | |
| P02DB | Cylinder 8 Fuel Injector Offset Learning At Max Limit | |
| P02E0 | Diesel Intake Air Flow Control Circuit/Open | |
| P02E1 | Diesel Intake Air Flow Control Performance | |
| P02E2 | Diesel Intake Air Flow Control Circuit Low | |
| P02E3 | Diesel Intake Air Flow Control Circuit High | |



| Codes | Definition | |
|----------------|--|--|
| P02E4 | Diesel Intake Air Flow Control Stuck Open | |
| P02E5 | Diesel Intake Air Flow Control Stuck Closed | |
| P02E6 | Diesel Intake Air Flow Position Sensor Circuit | |
| P02E7 | Diesel Intake Air Flow Position Sensor Circuit | |
| DODEO | Range/Performance | |
| P02E8 | Diesel Intake Air Flow Position Sensor Circuit Low | |
| P02E9 | Diesel Intake Air Flow Position Sensor Circuit High | |
| P02EA | Diesel Intake Air Flow Position Sensor Circuit Intermittent/Erratic | |
| P02EB | Diesel Intake Air Flow Control Motor Current Range/Performance | |
| P02EE | Cylinder #1 Injector Circuit Range/Performance | |
| P02EF | Cylinder #2 Injector Circuit Range/Performance | |
| P02F0 | Cylinder #e Injector Circuit Range/Performance | |
| P02F1 | Cylinder #4 Injector Circuit Range/Performance | |
| P02F2 | Cylinder #5 Injector Circuit Range/Performance | |
| P02F3 | Cylinder #6 Injector Circuit Range/Performance | |
| P02F4 | Cylinder #7 Injector Circuit Range/Performance | |
| P02F5 | Cylinder #8 Injector Circuit Range/Performance | |
| P02F6 | Cylinder #9 Injector Circuit Range/Performance | |
| P02F7 | Cylinder #10 Injector Circuit Range/Performance | |
| P02F8 | Cylinder #11 Injector Circuit Range/Performance | |
| P02F9 | Cylinder #12 Injector Circuit Range/Performance | |
| P02FB | ISO/SAE Reserved | |
| P02FC | ISO/SAE Reserved | |
| P02FD | ISO/SAE Reserved | |
| P02FE | ISO/SAE Reserved | |
| P02FF | ISO/SAE Reserved | |
| P0300 | Random/Multiple Cylinder Misfire Detected | |
| P0301 | Cylinder #1 Misfire Detected | |
| P0302 | Cylinder 2 Misfire Detected | |
| P0303 | Cylinder #3 Misfire Detected | |
| P0304 | Cylinder #4 Misfire Detected | |
| P0305 | Cylinder #5 Misfire Detected | |
| P0306 | Cylinder 6 Misfire Detected | |
| P0307 | Cylinder #7 Misfire Detected | |
| P0308 P030A | Cylinder #8 Misfire Detected ISO/SAE Reserved | |
| P030B | ISO/SAE Reserved | |
| P030C | ISO/SAE Reserved | |
| P030D | ISO/SAE Reserved | |
| P030E | ISO/SAE Reserved | |
| P030F | ISO/SAE Reserved | |
| P0313 | Misfire Detected with Low Fuel | |
| 10313 | THEFT C DEFECTED WITH FOM I REL | |



| Codes | Definition | |
|----------------|--|--|
| P0315 | Crankshaft Position System Variation Not Learned | |
| P0317 | Rough Road Hardware Not Present | |
| P031A | ISO/SAE Reserved | |
| P031B | ISO/SAE Reserved | |
| P031C | ISO/SAE Reserved | |
| P031D | ISO/SAE Reserved | |
| P031E | ISO/SAE Reserved | |
| P031F | ISO/SAE Reserved | |
| P0321 | Ignition/Distributor Engine Speed Input Circuit Range / Performance | |
| P0323 | Ignition/Distributor Engine Speed Input Circuit High | |
| P0324 | Knock Control System Error | |
| P0325 | Knock Sensor Circuit Malfunction | |
| P0326 | Knock Sensor 1 Circuit Range/Performance (Bank 1 or Single Sensor) | |
| P0327 | Knock Sensor 1 Circuit Low Input (Bank 1 or Single Sensor) | |
| P0328 | Knock Sensor 1 Circuit High Input (Bank 1 or Single Sensor) | |
| P0330 | Knock Sensor 2 Circuit Malfunction (Bank 2) | |
| P0331 | Knock Sensor 2 Circuit Range/Performance (Bank 2) | |
| P0332 | Knock Sensor 2 Circuit Low Input (Bank 2) | |
| P0333 | Knock Sensor 2 Circuit High Input (Bank 2) | |
| P0335 | Crankshaft Position Sensor A Circuit Malfunction | |
| P0336 | Crankshaft Position Sensor A Circuit Range/Performance | |
| P0337 | Crankshaft Position Sensor Circuit A Low Input | |
| P0338 | Crankshaft Position Sensor A Circuit High Input | |
| P0339 | Crankshaft Position Sensor B Circuit Intermittent | |
| P0340 | Camshaft Position Sensor Circuit Malfunction | |
| P0341 | Camshaft Position Sensor Circuit Range/Performance | |
| P0342 | Camshaft Position Sensor "A" Circuit Low (Bank 1) | |
| P0343 | Camshaft Position Sensor A Circuit High Input (Bank 1) | |
| P0346 | Camshaft Position Sensor A Circuit Range/Performance Bank 2 | |
| P0347 | Camshaft Position Sensor "A" Circuit Low (Bank 2) | |
| P0348 | Camshaft Position Sensor A Circuit High Input (Bank 2) | |
| P034A | ISO/SAE Reserved ISO/SAE Reserved | |
| P034B P034C | ISO/SAE Reserved ISO/SAE Reserved | |
| P034D | ISO/SAE Reserved | |
| P034E | ISO/SAE Reserved | |
| P034F | ISO/SAE Reserved | |
| P0350 | Ignition Coil Primary/Secondary Circuit Malfunction | |
| P0351 | Ignition Coil A Primary/Secondary Circuit Manufiction | |
| P0352 | Ignition Coil B Primary/Secondary Circuit Malfunction | |
| P0353 | Ignition Coil C Primary/Secondary Circuit Malfunction | |
| P0354 | Ignition Coil D Primary/Secondary Circuit Malfunction | |
| IUJJI | ignition oon b i innui y/occontuary on cuit Manunchon | |



| Codes | Definition | |
|----------------|--|--|
| P0355 | Ignition Coil E Primary/Secondary Circuit Malfunction | |
| P0356 | Ignition Coil F Primary/Secondary Circuit Malfunction | |
| P0357 | Ignition Coil G Primary/Secondary Circuit Malfunction | |
| P0358 | Ignition Coil H Primary/Secondary Circuit Malfunction | |
| P035A | ISO/SAE Reserved | |
| P035B | ISO/SAE Reserved | |
| P035C | ISO/SAE Reserved | |
| P035D | ISO/SAE Reserved | |
| P035E | ISO/SAE Reserved | |
| P035F | ISO/SAE Reserved | |
| P0364 | ISO/SAE Reserved | |
| P0365 | Camshaft Position Sensor "B" Circuit Bank 1 | |
| P0366 | Camshaft Position Sensor B Circuit Range/Performance Bank 1 | |
| P0367 | Camshaft Position Sensor "B" Circuit Low (Bank 1) | |
| P0368 | Camshaft Position Sensor "B" Circuit High Input (Bank 1) | |
| P036A | ISO/SAE Reserved | |
| P036B | ISO/SAE Reserved | |
| P036C | ISO/SAE Reserved | |
| P036D | ISO/SAE Reserved | |
| P036E | ISO/SAE Reserved | |
| P036F | ISO/SAE Reserved | |
| P0370 | Timing Reference High Resolution Signal A Malfunction | |
| P0372 | Timing Reference High Resolution Signal A Too Few Pulses | |
| P0374 | Timing Reference High Resolution Signal A No Pulses | |
| P037A | ISO/SAE Reserved | |
| P037B | ISO/SAE Reserved | |
| P037C | ISO/SAE Reserved | |
| P037F | Glow Plug Sense Circuit High | |
| P0380 | Glow Plug/Heater Circuit "A" | |
| P0381 | Glow Plug/Heater Indicator Circuit Malfunction | |
| P0382 | Glow Plug/Heater Circuit "B" | |
| P0385 | Crankshaft Position Sensor B Circuit Malfunction | |
| P0386 | Crankshaft Position Sensor B Circuit Range/Performance | |
| P038A | ISO/SAE Reserved | |
| P038B | ISO/SAE Reserved | |
| P038C | ISO/SAE Reserved | |
| P038D | ISO/SAE Reserved | |
| P038E P038F | ISO/SAE Reserved ISO/SAE Reserved | |
| P0391 | - | |
| P0391 P0392 | Camshaft Position Sensor "B" Circuit Range/Performance Bank 2 Camshaft Position Sensor "B" Circuit Low Bank 2 | |
| P0392 P0393 | Camshaft Position Sensor B Circuit Low Bank 2 Camshaft Position Sensor B Circuit High Input (Bank 2) | |
| P0395 | ISO/SAE Reserved | |
| P0395 P0396 | ISO/SAE Reserved | |
| 10330 | IOU/DAL INSIGIVEN | |



| Codes | |
|----------------|--------------------------------------|
| P0397 | ISO/SAE Reserved |
| P0398 | ISO/SAE Reserved |
| P0399 | ISO/SAE Reserved |
| P039A | ISO/SAE Reserved |
| P039B | ISO/SAE Reserved |
| P039C | ISO/SAE Reserved |
| P039D | ISO/SAE Reserved |
| P039E | ISO/SAE Reserved |
| P039F | ISO/SAE Reserved |
| P03A0 | ISO/SAE Reserved |
| P03A1 | ISO/SAE Reserved |
| P03A2 | ISO/SAE Reserved |
| P03A3 | ISO/SAE Reserved |
| P03A4 | ISO/SAE Reserved |
| P03A5 | ISO/SAE Reserved |
| P03A6 | ISO/SAE Reserved |
| P03A7 | ISO/SAE Reserved |
| P03A8 | ISO/SAE Reserved |
| P03A9 | ISO/SAE Reserved |
| P03AA | ISO/SAE Reserved |
| P03AB | ISO/SAE Reserved |
| P03AC | ISO/SAE Reserved |
| P03AD | ISO/SAE Reserved |
| P03AE | ISO/SAE Reserved |
| P03AF | ISO/SAE Reserved |
| P03B0 | ISO/SAE Reserved |
| P03B1 | ISO/SAE Reserved |
| P03B2 | ISO/SAE Reserved |
| P03B3 | ISO/SAE Reserved |
| P03B4 | ISO/SAE Reserved |
| P03B5 | ISO/SAE Reserved |
| P03B6 | ISO/SAE Reserved |
| P03B7 P03B8 | ISO/SAE Reserved |
| P03B9 | ISO/SAE Reserved |
| P03BA | ISO/SAE Reserved ISO/SAE Reserved |
| P03BB | ISO/SAE Reserved |
| P03BC | ISO/SAE Reserved |
| P03BD | ISO/SAE Reserved |
| P03BE | ISO/SAE Reserved |
| P03BF | ISO/SAE Reserved |
| P03C0 | ISO/SAE Reserved |
| P03C1 | ISO/SAE Reserved |
| P03C2 | ISO/SAE Reserved |
| 10002 | 100/JAL NESELVEU |

| Codes | |
|----------------|--------------------------------------|
| P03C3 | ISO/SAE Reserved |
| P03C4 | ISO/SAE Reserved |
| P03C5 | ISO/SAE Reserved |
| P03C6 | ISO/SAE Reserved |
| P03C7 | ISO/SAE Reserved |
| P03C8 | ISO/SAE Reserved |
| P03C9 | ISO/SAE Reserved |
| P03CA | ISO/SAE Reserved |
| P03CB | ISO/SAE Reserved |
| P03CC | ISO/SAE Reserved |
| P03CD | ISO/SAE Reserved |
| P03CE | ISO/SAE Reserved |
| P03CF | ISO/SAE Reserved |
| P03D0 | ISO/SAE Reserved |
| P03D1 | ISO/SAE Reserved |
| P03D2 | ISO/SAE Reserved |
| P03D3 | ISO/SAE Reserved |
| P03D4 | ISO/SAE Reserved |
| P03D5 | ISO/SAE Reserved |
| P03D6 | ISO/SAE Reserved |
| P03D7 | ISO/SAE Reserved |
| P03D8 | ISO/SAE Reserved |
| P03D9 | ISO/SAE Reserved |
| P03DA | ISO/SAE Reserved |
| P03DB | ISO/SAE Reserved |
| P03DC | ISO/SAE Reserved |
| P03DD | ISO/SAE Reserved |
| P03DE | ISO/SAE Reserved |
| P03DF | ISO/SAE Reserved |
| P03E0 | ISO/SAE Reserved |
| P03E1 | ISO/SAE Reserved |
| P03E2 | ISO/SAE Reserved |
| P03E3 P03E4 | ISO/SAE Reserved |
| P03E4 P03E5 | ISO/SAE Reserved ISO/SAE Reserved |
| P03E6 | ISO/SAE Reserved |
| P03E7 | ISO/SAE Reserved |
| P03E8 | ISO/SAE Reserved |
| P03E9 | ISO/SAE Reserved |
| POJEA | ISO/SAE Reserved |
| POSEA POSEB | ISO/SAE Reserved |
| POJEC | ISO/SAE Reserved |
| PO3ED | ISO/SAE Reserved |
| POJEE | ISO/SAE Reserved |
| IVULL | 100/0/11 1(0361 Veu |

DBDCodeX

Definition

| Codes | Definition |
|--------------|--|
| P03EF | ISO/SAE Reserved |
| P03F0 | ISO/SAE Reserved |
| P03F1 | ISO/SAE Reserved |
| P03F2 | ISO/SAE Reserved |
| P03F3 | ISO/SAE Reserved |
| P03F4 | ISO/SAE Reserved |
| P03F5 | ISO/SAE Reserved |
| P03F6 | ISO/SAE Reserved |
| P03F7 | ISO/SAE Reserved |
| P03F8 | ISO/SAE Reserved |
| P03F9 | ISO/SAE Reserved |
| P03FA | ISO/SAE Reserved |
| P03FB | ISO/SAE Reserved |
| P03FC | ISO/SAE Reserved |
| P03FD | ISO/SAE Reserved |
| P03FE | ISO/SAE Reserved |
| P03FF | ISO/SAE Reserved |
| P0400 | Exhaust Gas Recirculation (EGR) Flow Malfunction |
| P0401 | Insufficient Exhaust Gas Recirculation (EGR) Flow |
| P0402 | Exhaust Gas Recirculation Flow (EGR) Excessive Detected |
| P0403 | Exhaust Gas Recirculation "A" Control Circuit |
| P0404 | Exhaust Gas Recirculation "A" Circuit Range/Performance |
| P0405 | Exhaust Gas Recirculation Sensor A Circuit Low |
| P0406 | Exhaust Gas Recirculation Sensor A Circuit High |
| P040A | Exhaust Gas Recirculation Temperature Sensor A Circuit |
| P040B | Exhaust Gas Recirculation Temperature Sensor A Circuit Range/Performance |
| P040C | Exhaust Gas Recirculation Temperature Sensor A Circuit Low |
| P040D | Exhaust Gas Recirculation Temperature Sensor A Circuit High |
| P040E | Exhaust Gas Recirculation Temperature Sensor A Circuit Intermittent/Erratic |
| P040F | Exhaust Gas Recirculation Temperature Sensor A/B Correlation |
| P0410 | Secondary Air Injection System Malfunction |
| P0411 | Secondary Air Injection System Incorrect Flow Detected |
| P0412 | Secondary Air Injection System Switching Valve A Circuit Malfunction |
| P0418 | Secondary Air Injection System Relay A Circuit Malfunction |
| P041A | Exhaust Gas Recirculation Temperature Sensor B Circuit |
| P041B | Exhaust Gas Recirculation Temperature Sensor B Circuit Range/Performance |
| P041C | Exhaust Gas Recirculation Temperature Sensor B Circuit Low |
| P041D | Exhaust Gas Recirculation Temperature Sensor B Circuit High |
| P041E | Exhaust Gas Recirculation Temperature Sensor B Circuit Intermittent/Erratic |
| P041F | Secondary Air Injection System Switching Valve A Circuit Low |



| Codes | Definition |
|-------|--|
| P0420 | Catalyst System Efficiency Below Threshold (Bank 1) |
| P0421 | Warm Up Catalyst Efficiency Below Threshold (Bank 1) |
| P0422 | Main Catalyst Efficiency Below Threshold (Bank 1) |
| P042B | Catalyst Temperature Sensor Circuit Range/Performance (Bank 1, Sensor 2) |
| P042C | Catalyst Temperature Sensor Circuit Low (Bank 1, Sensor 2) |
| P042E | Exhaust Gas Recirculation A Control Stuck Open |
| P042F | Exhaust Gas Recirculation A Control Stuck Closed |
| P0430 | Catalyst System Efficiency Below Threshold (Bank 2) |
| P0435 | Catalyst Temperature Sensor Circuit Malfunction (Bank 2, Sensor 1) |
| P043A | Catalyst Temperature Sensor Circuit Malfunction (Bank 2, Sensor 2) |
| P043B | Catalyst Temperature Sensor Circuit Range/Performance (Bank 2, Sensor 2) |
| P043C | Catalyst Temperature Sensor Circuit Low (Bank 2, Sensor 2) |
| P043D | Catalyst Temperature Sensor Circuit High (Bank 2, Sensor 2) |
| P043E | Evaporative Emission System Leak Detection Reference Orifice Low Flow |
| P043F | Evaporative Emission System Leak Detection Reference Orifice High Flow |
| P0440 | Evaporative Emission Control System Malfunction |
| P0441 | Evaporative Emission Control System Incorrect Purge Flow |
| P0442 | Evaporative Emission Control System Leak Detected (small leak) |
| P0443 | Evaporative Emission Control System Purge Control Valve Circuit |
| P0444 | Evaporative Emission Control System Purge Control Valve Circuit Open |
| P0445 | Evaporative Emission Control System Purge Control Valve Circuit Shorted |
| P0446 | Evaporative Emission Control System Vent Control Circuit Malfunction |
| P0447 | Evaporative Emission Control System Vent Valve/Solenoid Circuit Open |
| P0448 | Evaporative Emission Control System Vent Valve/Solenoid Circuit Shorted |
| P0449 | Evaporative Emission Control System Vent Valve/Solenoid Circuit Malfunction |
| P044B | Exhaust Gas Recirculation Sensor "C" Circuit Range/Performance |
| P044F | Secondary Air Injection System Switching Valve A Circuit High |
| P0451 | Evaporative Emission Control System Pressure Sensor Range/Performance |
| P0452 | Evaporative Emission System Pressure Sensor/Switch Low |
| P0453 | Evaporative Emissions Control System Pressure Sensor High Input |
| P0454 | Evaporative Emission Control System Pressure Sensor Intermittent |



| Codes | Definition |
|-------|--|
| P0455 | Evaporative Emission Control System Leak Detected (no purge flow or large leak) |
| P0456 | Evaporative Emissions System - Small leak detected |
| P0458 | Evaporative Emission System Purge Control Valve Circuit Low |
| P0459 | Evaporative Emission System Purge Control Valve Circuit High |
| P0460 | Fuel Level Sensor Circuit Malfunction |
| P0461 | Fuel Level Sensor Circuit Range/Performance |
| P0462 | Fuel Level Sensor Circuit Low Input |
| P0463 | Fuel Level Sensor Circuit High Input |
| P0464 | Fuel Level Sensor Circuit Intermittent |
| P0466 | Purge Flow Sensor Circuit Range/Performance |
| P046B | Catalyst Temperature Sensor 1/2 Correlation (Bank 2) |
| P046C | Exhaust Gas Recirculation Sensor "A" Circuit Range/Performance |
| P046D | Exhaust Gas Recirculation Sensor "A" Circuit Intermittent/Erratic |
| P046E | Exhaust Gas Recirculation Sensor "B" Circuit Range/Performance |
| P046F | Exhaust Gas Recirculation Sensor "B" Circuit Intermittent/Erratic |
| P0480 | Cooling Fan Relay 1 Control Circuit |
| P0481 | Cooling Fan Relay 2 Control Circuit |
| P0482 | Cooling Fan Relay 2 Control Circuit |
| P0483 | Cooling Fan Rationality Check Malfunction |
| P0486 | Exhaust Gas Recirculation Sensor "B" Circuit |
| P0488 | Exhaust Gas Recirculation Throttle Position Control Range/Performance |
| P0489 | Exhaust Gas Recirculation "A" Control Circuit Low |
| P0490 | Exhaust Gas Recirculation "A" Control Circuit High |
| P0493 | Fan Overspeed |
| P0494 | Fan Speed Low |
| P0495 | Fan Speed High |
| P0496 | EVAP (evaporative emission) Flow During A Non-Purge Condition |
| P0497 | Evaporative Emission System Low Purge Flow |
| P0498 | Evaporative Emission System Vent Valve Control Circuit Low |
| P0499 | Evaporative Emission System Vent Valve Control Circuit High |
| P049A | Exhaust Gas Recirculation B Flow |
| P049D | Exhaust Gas Recirculation A Control Position Exceeded Learning Limit |
| P049E | Exhaust Gas Recirculation B Control Position Exceeded Learning Limit |
| P04A4 | Exhaust Pressure Control Valve B Stuck Open |
| P04A7 | Exhaust Pressure Control Valve B Position Sensor/Switch Circuit Range/Performance |
| P04AB | ISO/SAE Reserved |
| P04AC | ISO/SAE Reserved |
| P04AD | ISO/SAE Reserved |
| P04AE | ISO/SAE Reserved |
| P04AF | ISO/SAE Reserved |



| Codes | |
|----------------|--------------------------------------|
| P04B0 | ISO/SAE Reserved |
| P04B1 | ISO/SAE Reserved |
| P04B2 | ISO/SAE Reserved |
| P04B3 | ISO/SAE Reserved |
| P04B4 | ISO/SAE Reserved |
| P04B5 | ISO/SAE Reserved |
| P04B6 | ISO/SAE Reserved |
| P04B7 | ISO/SAE Reserved |
| P04B8 | ISO/SAE Reserved |
| P04B9 | ISO/SAE Reserved |
| P04BA | ISO/SAE Reserved |
| P04BB | ISO/SAE Reserved |
| P04BC | ISO/SAE Reserved |
| P04BD | ISO/SAE Reserved |
| P04BE | ISO/SAE Reserved |
| P04BF | ISO/SAE Reserved |
| P04C0 | ISO/SAE Reserved |
| P04C1 | ISO/SAE Reserved |
| P04C2 | ISO/SAE Reserved |
| P04C3 | ISO/SAE Reserved |
| P04C4 | ISO/SAE Reserved |
| P04C5 | ISO/SAE Reserved |
| P04C6 | ISO/SAE Reserved |
| P04C7 P04C8 | ISO/SAE Reserved ISO/SAE Reserved |
| P04C8 P04C9 | ISO/SAE Reserved |
| P04C9 P04CA | ISO/SAE Reserved |
| P04CB | ISO/SAE Reserved |
| P04CC | ISO/SAE Reserved |
| P04CD | ISO/SAE Reserved |
| P04CE | ISO/SAE Reserved |
| P04CF | ISO/SAE Reserved |
| P04D0 | ISO/SAE Reserved |
| P04D1 | ISO/SAE Reserved |
| P04D2 | ISO/SAE Reserved |
| P04D3 | ISO/SAE Reserved |
| P04D4 | ISO/SAE Reserved |
| P04D5 | ISO/SAE Reserved |
| P04D6 | ISO/SAE Reserved |
| P04D7 | ISO/SAE Reserved |
| P04D8 | ISO/SAE Reserved |
| P04D9 | ISO/SAE Reserved |
| P04DA | ISO/SAE Reserved |
| P04DB | ISO/SAE Reserved |

| Codes | Definition |
|--------------|---|
| P04DC | ISO/SAE Reserved |
| P04DD | ISO/SAE Reserved |
| P04DE | ISO/SAE Reserved |
| P04DF | ISO/SAE Reserved |
| P04E0 | ISO/SAE Reserved |
| P04E1 | ISO/SAE Reserved |
| P04E2 | ISO/SAE Reserved |
| P04E3 | ISO/SAE Reserved |
| P04E4 | ISO/SAE Reserved |
| P04E5 | ISO/SAE Reserved |
| P04E6 | ISO/SAE Reserved |
| P04E7 | ISO/SAE Reserved |
| P04E8 | ISO/SAE Reserved |
| P04E9 | ISO/SAE Reserved |
| P04EA | ISO/SAE Reserved |
| P04EB | ISO/SAE Reserved |
| P04EC | ISO/SAE Reserved |
| P04ED | ISO/SAE Reserved |
| P04EE | ISO/SAE Reserved |
| P04EF | ISO/SAE Reserved |
| P04F0 | ISO/SAE Reserved |
| P04F1 | ISO/SAE Reserved |
| P04F2 | ISO/SAE Reserved |
| P04F3 | ISO/SAE Reserved |
| P04F4 | ISO/SAE Reserved |
| P04F5 | ISO/SAE Reserved |
| P04F6 | ISO/SAE Reserved |
| P04F7 | ISO/SAE Reserved |
| P04F8 | ISO/SAE Reserved |
| P04F9 | ISO/SAE Reserved |
| P04FA | ISO/SAE Reserved |
| P04FB | ISO/SAE Reserved |
| P04FC | ISO/SAE Reserved |
| P04FD | ISO/SAE Reserved |
| P04FE | ISO/SAE Reserved |
| P04FF | ISO/SAE Reserved |
| P0500 | Vehicle Speed Sensor "A" Malfunction |
| P0501 | Vehicle Speed Sensor "A" Range/Performance |
| P0502 | Vehicle Speed Sensor A Low Input |
| P0503 | Vehicle Speed Sensor A Intermittent |
| P0504 | Brake Switch A/B Correlation |
| P0505 | IAC (Idle Air Control) System Malfunction |
| P0506 | Idle Air Control (IAC) System RPM Lower Than Expected |

Idle Air Control System RPM Higher Than Expected



P0507

| Codes | Definition |
|----------------|---|
| P0508 | Idle Air Control Circuit Low |
| P0509 | Idle Air Control Circuit High |
| P050A | Cold Start Idle Air Control System Performance |
| P050B | Cold Start Ignition Timing Performance |
| P050D | Cold Start Rough Idle |
| P0510 | Closed Throttle Position Switch Malfunction |
| P0513 | Incorrect Immobilizer Key |
| P0520 | Engine Oil Pressure Sensor/Switch Circuit |
| P0521 | Engine Oil Pressure Sensor/Switch Range/Performance |
| P0522 | Engine Oil Pressure Sensor/Switch Low |
| P0523 | Engine Oil Pressure Sensor/Switch High |
| P0526 | Cooling Fan Speed Sensor Circuit |
| P0527 | Fan Speed Sensor Circuit Range/Performance |
| P0529 | Fan Speed Sensor Circuit Intermittent |
| P052F | ISO/SAE Reserved |
| P0530 | A/C Refrigerant Pressure Sensor A Circuit Malfunction |
| P0531 | A/C Refrigerant Pressure Sensor A Circuit Range/Performance |
| P0532 | A/C Refrigerant Pressure Sensor A Circuit Low |
| P0533 | A/C Refrigerant Pressure Sensor A Circuit High |
| P0534 | Air Conditioner Refrigerant Charge Loss |
| P0536 | A/C Evaporator Temperature Sensor Circuit Range/Performance |
| P0537 | A/C Evaporator Temperature Sensor Circuit Low |
| P0538 | A/C Evaporator Temperature Sensor Circuit High |
| P053D | ISO/SAE Reserved |
| P053E P053F | ISO/SAE Reserved ISO/SAE Reserved |
| P0540 | Intake Air Heater "A" Circuit |
| P0541 | Intake Air Heater "A" Circuit Low |
| P0542 | Intake Air Heater "A" Circuit High |
| P0543 | Intake Air Heater "A" Circuit Open |
| | Exhaust Gas Temperature (EGT) Sensor Circuit (Malfunction) |
| P0544 | Bank 1 Sensor 1 |
| P0545 | Exhaust Gas Temperature (EGT) Sensor Circuit Low Bank 1 |
| 10545 | Sensor 1 |
| P0546 | Exhaust Gas Temperature (EGT) Sensor Circuit High Bank 1 Sensor 1 |
| P0547 | Exhaust Gas Temperature (EGT) Sensor Circuit (Malfunction) Bank 2 Sensor 1 |
| P0548 | Exhaust Gas Temperature (EGT) Sensor Circuit Low Bank 2 Sensor 1 |
| P0549 | Exhaust Gas Temperature (EGT) Sensor Circuit High Bank 2 Sensor 1 |
| P054E | ISO/SAE Reserved |
| P054F | ISO/SAE Reserved |
| P0556 | Brake Booster Pressure Sensor Circuit Range/Performance |
| | |



| Codes | Definition |
|--------------|--|
| P0557 | Brake Booster Pressure Sensor Circuit Low |
| P0558 | Brake Booster Pressure Sensor Circuit High |
| P055A | ISO/SAE Reserved |
| P055B | ISO/SAE Reserved |
| P055C | ISO/SAE Reserved |
| P055D | ISO/SAE Reserved |
| P055E | ISO/SAE Reserved |
| P055F | ISO/SAE Reserved |
| P0560 | System Voltage Malfunction |
| P0561 | System Voltage Unstable |
| P0562 | System Voltage Low |
| P0563 | System Voltage High |
| P0564 | Cruise Control Multi-Function Input A Circuit |
| P0565 | Cruise Control On Signal Malfunction |
| P0567 | Cruise Control Resume Signal Malfunction |
| P0568 | Cruise Control Set Signal Malfunction |
| P056C | ISO/SAE Reserved |
| P056D | ISO/SAE Reserved |
| P056E | ISO/SAE Reserved |
| P056F | ISO/SAE Reserved |
| P0571 | Cruise Control/Brake Switch A Circuit Malfunction |
| P0572 | Cruise Control/Brake Switch A Circuit Low |
| P0573 | Cruise Control/Brake Switch A Circuit High |
| P0575 | Cruise Control Input Circuit |
| P057A | ISO/SAE Reserved |
| P057B | ISO/SAE Reserved |
| P057C | ISO/SAE Reserved |
| P057D | ISO/SAE Reserved |
| P057E | ISO/SAE Reserved |
| P057F | ISO/SAE Reserved |
| P0580 | Cruise Control Multi-Function Input A Circuit Low |
| P0581 | Cruise Control Multi-Function Input A Circuit High |
| P058A | ISO/SAE Reserved |
| P058B | ISO/SAE Reserved |
| P058C | ISO/SAE Reserved |
| P058D | ISO/SAE Reserved |
| P058E | ISO/SAE Reserved |
| P058F | ISO/SAE Reserved |
| P0597 | Thermostat Heater Control Circuit Open |
| P0598 | Thermostat Heater Control Circuit Low |
| P0599 | Thermostat Heater Control Circuit High |
| P059A | ISO/SAE Reserved |
| P059B | ISO/SAE Reserved |
| P059C | ISO/SAE Reserved |



| Codes | |
|----------------|--------------------------------------|
| P059D | ISO/SAE Reserved |
| P059E | ISO/SAE Reserved |
| P059F | ISO/SAE Reserved |
| P05A0 | ISO/SAE Reserved |
| P05A1 | ISO/SAE Reserved |
| P05A2 | ISO/SAE Reserved |
| P05A3 | ISO/SAE Reserved |
| P05A4 | ISO/SAE Reserved |
| P05A5 | ISO/SAE Reserved |
| P05A6 | ISO/SAE Reserved |
| P05A7 | ISO/SAE Reserved |
| P05A8 | ISO/SAE Reserved |
| P05A9 | ISO/SAE Reserved |
| P05AA | ISO/SAE Reserved |
| P05AB | ISO/SAE Reserved |
| P05AC | ISO/SAE Reserved |
| P05AD | ISO/SAE Reserved |
| P05AE | ISO/SAE Reserved |
| P05AF | ISO/SAE Reserved |
| P05B0 | ISO/SAE Reserved |
| P05B1 | ISO/SAE Reserved |
| P05B2 | ISO/SAE Reserved |
| P05B3 | ISO/SAE Reserved |
| P05B4 | ISO/SAE Reserved |
| P05B5 | ISO/SAE Reserved |
| P05B6 | ISO/SAE Reserved |
| P05B7 | ISO/SAE Reserved |
| P05B8 | ISO/SAE Reserved |
| P05B9 P05BA | ISO/SAE Reserved |
| P05BB | ISO/SAE Reserved ISO/SAE Reserved |
| P05BC | ISO/SAE Reserved |
| P05BD | ISO/SAE Reserved |
| P05BE | ISO/SAE Reserved |
| P05BF | ISO/SAE Reserved |
| P05C0 | ISO/SAE Reserved |
| P05C1 | ISO/SAE Reserved |
| P05C2 | ISO/SAE Reserved |
| P05C3 | ISO/SAE Reserved |
| P05C4 | ISO/SAE Reserved |
| P05C5 | ISO/SAE Reserved |
| P05C6 | ISO/SAE Reserved |
| P05C7 | ISO/SAE Reserved |
| P05C8 | ISO/SAE Reserved |
| | |

| Codes | |
|----------------|--------------------------------------|
| P05C9 | ISO/SAE Reserved |
| P05CA | ISO/SAE Reserved |
| P05CB | ISO/SAE Reserved |
| P05CC | ISO/SAE Reserved |
| P05CD | ISO/SAE Reserved |
| P05CE | ISO/SAE Reserved |
| P05CF | ISO/SAE Reserved |
| P05D0 | ISO/SAE Reserved |
| P05D1 | ISO/SAE Reserved |
| P05D2 | ISO/SAE Reserved |
| P05D3 | ISO/SAE Reserved |
| P05D4 | ISO/SAE Reserved |
| P05D5 | ISO/SAE Reserved |
| P05D6 | ISO/SAE Reserved |
| P05D7 | ISO/SAE Reserved |
| P05D8 | ISO/SAE Reserved |
| P05D9 | ISO/SAE Reserved |
| P05DA | ISO/SAE Reserved |
| P05DB | ISO/SAE Reserved |
| P05DC | ISO/SAE Reserved |
| P05DD | ISO/SAE Reserved |
| P05DE | ISO/SAE Reserved |
| P05DF | ISO/SAE Reserved |
| P05E0 | ISO/SAE Reserved |
| P05E1 | ISO/SAE Reserved |
| P05E2 | ISO/SAE Reserved |
| P05E3 | ISO/SAE Reserved |
| P05E4 | ISO/SAE Reserved |
| P05E5 | ISO/SAE Reserved |
| P05E6 P05E7 | ISO/SAE Reserved ISO/SAE Reserved |
| P05E8 | ISO/SAE Reserved |
| P05E9 | ISO/SAE Reserved |
| P05EA | ISO/SAE Reserved |
| POSEB | ISO/SAE Reserved |
| P05EC | ISO/SAE Reserved |
| P05ED | ISO/SAE Reserved |
| POSEE | ISO/SAE Reserved |
| POSEF | ISO/SAE Reserved |
| P05F0 | ISO/SAE Reserved |
| P05F1 | ISO/SAE Reserved |
| P05F2 | ISO/SAE Reserved |
| P05F3 | ISO/SAE Reserved |
| P05F4 | ISO/SAE Reserved |
| | |

| Codes | Definition |
|----------------|--|
| P05F5 | ISO/SAE Reserved |
| P05F6 | ISO/SAE Reserved |
| P05F7 | ISO/SAE Reserved |
| P05F8 | ISO/SAE Reserved |
| P05F9 | ISO/SAE Reserved |
| P05FA | ISO/SAE Reserved |
| P05FB | ISO/SAE Reserved |
| P05FC | ISO/SAE Reserved |
| P05FD | ISO/SAE Reserved |
| P05FE | ISO/SAE Reserved |
| P05FF | ISO/SAE Reserved |
| P0600 | Serial Communication Link Malfunction |
| P0601 | Internal Control Module Memory Check Sum Error |
| P0602 | Control Module Programming Error |
| P0603 | Internal Control Module Keep Alive Memory (KAM) Error |
| P0604 | Internal Control Module Random Access Memory (RAM) Error |
| P0605 | Internal Control Module Read Only Memory (ROM) Error |
| P0606 | PCM / ECM Processor Fault |
| P0607 | Control Module Performance |
| P0608 | Control Module VSS Output A Malfunction |
| P0609 | Control Module VSS Output B Malfunction |
| P060A | Internal Control Module Monitoring Processor Performance |
| P060B | Internal Control Module A/D Processing Performance |
| P060C | Internal Control Module Main Processor Performance |
| P060D | Internal Control Module Accelerator Pedal Position Performance |
| P060E | Internal Control Module Throttle Position Performance |
| P0610 | Control Module Vehicle Options Error |
| P0611 | Fuel Injector Control Module Performance |
| P0612 P0613 | Fuel Injector Control Module Relay Control |
| P0615 P0615 | TCM Processor |
| P0615 P0616 | Starter Relay Circuit |
| P0617 | Starter Relay Circuit Low Starter Relay Circuit High |
| P061A | Internal Control Module Torque Performance |
| P061B | Internal Control Module Torque Calculation Performance |
| P061C | Internal Control Module Engine RPM Performance |
| P0620 | Generator Control Circuit Malfunction |
| P0621 | Generator Lamp L Control Circuit Malfunction |
| P0622 | Generator Field F Control Circuit Malfunction |
| P0623 | Generator Lamp Control Circuit |
| P0627 | Fuel Pump A Control Circuit /Open |
| P0628 | Fuel Pump A Control Circuit Low |
| P0629 | Fuel Pump A Control Circuit High |
| P062B | Internal Control Module Fuel Injector Control Performance |
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| Codes | Definition |
|-------|--|
| P062C | Internal Control Module Vehicle Speed Performance |
| P062D | Fuel Injector Driver Circuit Performance Bank 1 |
| P062E | Fuel Injector Driver Circuit Performance Bank 2 |
| P062F | Internal Control Module EEPROM Error |
| P0630 | VIN Not Programmed or Incompatible – ECM/PCM |
| P0633 | Immobilizer Key Not Programmed – ECM/PCM |
| P0634 | PCM/ECM/TCM Internal Temperature Too High |
| P0638 | Throttle Actuator Control Range/Performance (Bank 1) |
| P063E | Auto Configuration Throttle Input Not Present |
| P063F | Auto Configuration Engine Coolant Temperature Input Not Present |
| P0640 | Intake Air Heater Control Circuit |
| P0641 | Sensor Reference Voltage "A" Circuit Open |
| P0642 | Sensor Reference Voltage "A" Circuit Low |
| P0643 | Sensor Reference Voltage "A" Circuit High |
| P0645 | A/C Clutch Relay Control Circuit |
| P0646 | A/C Clutch Relay Control Circuit Low |
| P0647 | A/C Clutch Relay Control Circuit High |
| P0649 | Speed Control Lamp Control Circuit |
| P064A | Fuel Pump Control Module |
| P064B | PTO Control Module |
| P064C | Glow Plug Control Module |
| P064D | Internal Control Module O2 Sensor Processor Performance Bank 1 |
| P064F | Unauthorized Software/Calibration Detected |
| P0650 | Malfunction Indicator Lamp (MIL) Control Circuit |
| P0651 | Sensor Reference Voltage "B" Circuit Open |
| P0652 | Sensor Reference Voltage "B" Circuit Low |
| P0653 | Sensor Reference Voltage "B" Circuit High |
| P0654 | Engine RPM Output Circuit Malfunction |
| P0656 | Fuel Level Output Circuit Malfunction |
| P0657 | Actuator Supply Voltage A Circuit/Open |
| P0658 | Actuator Supply Voltage A Circuit Low |
| P0659 | Actuator Supply Voltage A Circuit High |
| P065D | Reductant System Malfunction Lamp Control Circuit |
| P065E | Intake Manifold Tuning Valve Performance Bank 1 |
| P0660 | Intake Manifold Tuning Valve Control Circuit/Open Bank 1 |
| P0661 | Intake Manifold Tuning Valve Control Circuit Low Bank 1 |
| P0662 | Intake Manifold Tuning Valve Control Circuit High Bank 1 |
| P0667 | PCM/ECM/TCM Internal Temperature Sensor Range/Performance |
| P0668 | PCM/ECM/TCM Internal Temperature Sensor Circuit Low |
| P0669 | PCM/ECM/TCM Internal Temperature Sensor Circuit High |
| P066A | Cylinder #1 Glow Plug Circuit Low |
| | |



| Codes | Definition |
|----------------|---|
| P066B | Cylinder #1 Glow Plug Circuit High |
| P066C | Cylinder #2 Glow Plug Circuit Low |
| P066D | Cylinder #2 Glow Plug Circuit High |
| P066E | Cylinder #3 Glow Plug Circuit Low |
| P066F | Cylinder #3 Glow Plug Circuit High |
| P0670 | Glow Plug Control Module Circuit Fault |
| P0671 | Cylinder #1 Glow Plug Circuit |
| P0672 | Cylinder #2 Glow Plug Circuit |
| P0673 | Cylinder #3 Glow Plug Circuit |
| P0674 | Cylinder #4 Glow Plug Circuit |
| P0675 | Cylinder #5 Glow Plug Circuit |
| P0676 | Cylinder #6 Glow Plug Circuit |
| P0677 | Cylinder #7 Glow Plug Circuit |
| P0678 | Cylinder #8 Glow Plug Circuit |
| P067A | Cylinder #4 Glow Plug Circuit Low |
| P067B | Cylinder #4 Glow Plug Circuit High |
| P067C | Cylinder #5 Glow Plug Circuit Low |
| P067D | Cylinder #5 Glow Plug Circuit High |
| P067E | Cylinder #6 Glow Plug Circuit Low |
| P067F | Cylinder #6 Glow Plug Circuit High |
| P0685 | ECM/PCM Power Relay Control Circuit Open |
| P0686 | ECM/PCM Power Relay Control Circuit Low |
| P0687 | ECM/PCM Power Relay Control Circuit High |
| P0688 | ECM/PCM Power Relay Sense Circuit Open |
| P0689 | ECM/PCM Power Relay Sense Circuit Low |
| P068B | ECM/PCM Power Relay De-Energized Performance - Too Late |
| P068C | Cylinder #7 Glow Plug Circuit Low |
| P068D | Cylinder #7 Glow Plug Circuit High |
| P068E | Cylinder #8 Glow Plug Circuit Low |
| P068F | Cylinder #8 Glow Plug Circuit High |
| P0690 P0691 | ECM/PCM Power Relay Sense Circuit High |
| P0691 P0692 | Cooling Fan 1 Relay Control Circuit Low Cooling Fan 1 Relay Control Circuit High |
| P0693 | Cooling Fan 2 Relay Control Circuit Low |
| P0694 | Cooling Fan 2 Relay Control Circuit High |
| P0697 | Sensor Reference Voltage "C" Circuit Open |
| P0698 | Sensor Reference Voltage "C" Circuit Low |
| P0699 | Sensor Reference Voltage "C" Circuit High |
| P069A | Cylinder #9 Glow Plug Circuit Low |
| P069E | Fuel Pump Control Module Requested MIL Illumination |
| P069F | Throttle Actuator Control Lamp Control Circuit |
| P06A1 | Variable A/C Compressor Control Circuit Low |
| P06A2 | Variable A/C Compressor Control Circuit High |
| P06A3 | Sensor Reference Voltage "D" Circuit Open |
| | J |



| Codes | Definition |
|-------|--|
| P06A4 | Sensor Reference Voltage "D" Circuit Low |
| P06A5 | Sensor Reference Voltage "D" Circuit High |
| P06A6 | Sensor Reference Voltage A Circuit Range/Performance |
| P06AA | PCM/ECM/TCM Internal Temperature B Too High |
| P06AC | PCM/ECM/TCM Internal Temperature Sensor B |
| IUUAC | Range/Performance |
| P06AD | PCM/ECM/TCM Internal Temperature Sensor B Circuit Low |
| P06AE | PCM/ECM/TCM Internal Temperature Sensor B Circuit High |
| P06AF | Torque Management System - Forced Engine Shutdown |
| P06B1 | Sensor Power Supply A Circuit Low |
| P06B2 | Sensor Power Supply A Circuit High |
| P06B4 | Sensor Power Supply B Circuit Low |
| P06B5 | Sensor Power Supply B Circuit High |
| P06B6 | Internal Control Module Knock Sensor Processor 1 Performance |
| P06B7 | Internal Control Module Knock Sensor Processor 2 Performance |
| P06C5 | Cylinder 1 Glow Plug Incorrect |
| P06C6 | Cylinder 2 Glow Plug Incorrect |
| P06C7 | Cylinder 3 Glow Plug Incorrect |
| P06C8 | Cylinder 4 Glow Plug Incorrect |
| P06C9 | Cylinder 5 Glow Plug Incorrect |
| P06CA | Cylinder 6 Glow Plug Incorrect |
| P06CB | Cylinder 7 Glow Plug Incorrect |
| P06CC | Cylinder 8 Glow Plug Incorrect |
| P06D2 | ISO/SAE Reserved |
| P06D3 | ISO/SAE Reserved |
| P06D4 | ISO/SAE Reserved |
| P06D5 | ISO/SAE Reserved |
| P06D6 | ISO/SAE Reserved |
| P06D7 | ISO/SAE Reserved |
| P06D8 | ISO/SAE Reserved |
| P06D9 | ISO/SAE Reserved |
| P06DA | ISO/SAE Reserved |
| P06DB | ISO/SAE Reserved |
| P06DC | ISO/SAE Reserved |
| P06DD | ISO/SAE Reserved |
| P06DE | ISO/SAE Reserved |
| P06DF | ISO/SAE Reserved |
| P06E0 | ISO/SAE Reserved |
| P06E1 | ISO/SAE Reserved |
| P06E2 | ISO/SAE Reserved |
| P06E3 | ISO/SAE Reserved |
| P06E4 | ISO/SAE Reserved |
| P06E5 | ISO/SAE Reserved |
| P06E6 | ISO/SAE Reserved |



| Codes | Definition |
|----------------|---|
| P06E7 | ISO/SAE Reserved |
| P06E8 | ISO/SAE Reserved |
| P06E9 | ISO/SAE Reserved |
| P06EA | ISO/SAE Reserved |
| P06EB | ISO/SAE Reserved |
| P06EC | ISO/SAE Reserved |
| P06ED | ISO/SAE Reserved |
| P06EE | ISO/SAE Reserved |
| P06EF | ISO/SAE Reserved |
| P06F0 | ISO/SAE Reserved |
| P06F1 | ISO/SAE Reserved |
| P06F2 | ISO/SAE Reserved |
| P06F3 | ISO/SAE Reserved |
| P06F4 | ISO/SAE Reserved |
| P06F5 | ISO/SAE Reserved |
| P06F6 | ISO/SAE Reserved |
| P06F7 | ISO/SAE Reserved |
| P06F8 | ISO/SAE Reserved |
| P06F9 | ISO/SAE Reserved |
| P06FA | ISO/SAE Reserved |
| P06FB | ISO/SAE Reserved |
| P06FC | ISO/SAE Reserved |
| P06FD | ISO/SAE Reserved |
| P06FE | ISO/SAE Reserved |
| P06FF | ISO/SAE Reserved |
| P0700 | Transmission Control System TCS Malfunction |
| P0701 | Transmission Control System Range/Performance |
| P0702 | Transmission Control System Electrical |
| P0703 | Torque Converter/Brake Switch B Circuit Malfunction |
| P0704 | Clutch Switch Input Circuit Malfunction |
| P0705 | Transmission Range Sensor Circuit Malfunction (PRNDL input) |
| P0706 | Transmission Range Sensor "A" Circuit Range/Performance |
| P0707 | Transmission Range Sensor "A" Circuit Low |
| P0708 P070C | Transmission Range Sensor "A" Circuit High Transmission Fluid Level Sensor Circuit Low |
| P070C P070D | Transmission Fluid Level Sensor Circuit Low |
| P070E | Transmission Fluid Level Sensor Circuit Intermittent/Erratic |
| FU/UL | · · · · · · · · · · · · · · · · · · · |
| P0711 | Transmission Fluid Temperature Sensor A Circuit Range/Performance |
| P0712 | Transmission Fluid Temperature Sensor A Circuit Low Input |
| P0713 | Transmission Fluid Temperature Sensor A Circuit High Input |
| P0715 | Input/Turbine Speed Sensor A Circuit |
| P0716 | Input/Turbine Speed Sensor A Circuit Range/Performance |
| P0717 | Input/Turbine Speed Sensor A Circuit No Signal |
| | |



| Codes | Definition |
|----------------|---|
| P0719 | Torque Converter/Brake Switch B Circuit Low |
| P071A | Transmission Mode Switch A Circuit |
| P071D | Transmission Mode Switch B Circuit |
| P0720 | Output Speed Sensor Circuit Malfunction |
| P0721 | Output Speed Sensor Range/Performance |
| P0722 | Output Speed Sensor No Signal |
| P0723 | Output Speed Sensor Intermittent |
| P0724 | Torque Converter/Brake Switch B Circuit High |
| P0726 | Engine Speed Input Circuit Range/Performance |
| P0727 | Engine Speed Input Circuit No Signal |
| P0728 | Engine Speed Input Circuit Intermittent |
| P0729 | Gear 6 Incorrect Ratio |
| P072A | Stuck In Neutral |
| P0730 | Incorrect Gear 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 |
| P0736 | Reverse Incorrect Gear Ratio |
| P073C | Stuck In Gear 7 |
| P073D | Unable to engage Neutral |
| P0740 | Torque Converter Clutch Circuit Malfunction |
| P0741 | Torque Converter Clutch Circuit Performance or Stuck Off |
| P0742 | Torque Converter Clutch Circuit Stuck On |
| P0743 | Torque Converter Clutch (TCC) Solenoid Circuit Electrical |
| P0746 | Pressure Control Solenoid A Performance Or Stuck Off |
| P0747 | Pressure Control Solenoid A Stuck On |
| P0748 | Pressure Control Solenoid A Electrical |
| P0750 | Shift Solenoid A Malfunction |
| P0751 | Shift Solenoid A Performance / Stuck Off |
| P0752 | Shift Solenoid A Stuck On |
| P0753 | Shift Solenoid A Electrical |
| P0755 | Shift Solenoid B Malfunction |
| P0756 | Shift Solenoid B Performance / Stuck Off |
| P0757 | Shift Solenoid B Stuck On |
| P0758 | Shift Solenoid B Electrical |
| P075C | Shift Solenoid G Stuck On |
| P075D | Shift Solenoid G Electrical |
| P075E | Shift Solenoid G Intermittent |
| P075F P0761 | Transmission Fluid Level Too High Shift Solenoid C Performance / Stuck Off |
| P0762 | Shift Solenoid C Stuck On Shift Solenoid C Stuck On |
| P0762 P0763 | Shift Solenoid C Electrical |
| ru/U3 | |



| Codes | Definition |
|----------------|--|
| P0768 | Shift Solenoid D Electrical |
| P076B | Shift Solenoid H Performance / Stuck Off |
| P076C | Shift Solenoid H Stuck On |
| P076D | Shift Solenoid H Electrical |
| P076E | Shift Solenoid H Intermittent |
| P0770 | Shift Solenoid E Malfunction |
| P0771 | Shift Solenoid E Performance / Stuck Off |
| P0773 | Shift Solenoid E Electrical |
| P0776 | Pressure Control Solenoid B Performance Or Stuck Off |
| P0777 | Pressure Control Solenoid B Stuck On |
| P0778 | Pressure Control Solenoid B Electrical |
| P077A | Output Speed Sensor Circuit - Loss Of Direction Signal |
| P077B | Output Speed Sensor Circuit - Direction Signal |
| P077C | ISO/SAE Reserved |
| P077D | ISO/SAE Reserved |
| P077E | ISO/SAE Reserved |
| P077F | ISO/SAE Reserved |
| P0785 | Shift Timing Solenoid A Malfunction |
| P0787 | Shift Timing Solenoid A Low |
| P0788 | Shift Timing Solenoid A High |
| P0796 | Pressure Control Solenoid C Performance Or Stuck Off |
| P0797 | Pressure Control Solenoid C Stuck On |
| P079A | Transmission Friction Element A Slip Detected |
| P079B | Transmission Friction Element B Slip Detected |
| P079C P079D | Transmission Friction Element C Slip Detected |
| P079F | Transmission Friction Element D Slip Detected Transmission Friction Element F Slip Detected |
| P07A1 | Transmission Friction Element H Slip Detected |
| P07A3 | Transmission Friction Element A Stuck On |
| P07A5 | Transmission Friction Element B Stuck On |
| P07A7 | Transmission Friction Element C Stuck On |
| P07A9 | Transmission Friction Element D Stuck On |
| P07AB | Transmission Friction Element E Stuck On |
| P07AC | Transmission Friction Element F Performance/Stuck Off |
| P07B0 | Transmission Friction Element H Performance/Stuck Off |
| P07B1 | Transmission Friction Element H Stuck On |
| P07B4 | Transmission Park Position Sensor/Switch A Circuit High |
| P07B6 | Transmission Park Position Sensor/Switch A Circuit Performance |
| | High |
| P07B8 | Transmission Park Position Sensor/Switch B Circuit Open |
| P07BB | Transmission Park Position Sensor/Switch B Circuit Performance Low |
| P07BC | Transmission Park Position Sensor/Switch B Circuit Performance High |



| Codes | |
|-----------------|--------------------------------------|
| P07BF | ISO/SAE Reserved |
| P07C0 | ISO/SAE Reserved |
| P07C1 | ISO/SAE Reserved |
| P07C2 | ISO/SAE Reserved |
| P07C3 | ISO/SAE Reserved |
| P07C4 | ISO/SAE Reserved |
| P07C5 | ISO/SAE Reserved |
| P07C6 | ISO/SAE Reserved |
| P07C7 | ISO/SAE Reserved |
| P07C8 | ISO/SAE Reserved |
| P07C9 | ISO/SAE Reserved |
| P07CA | ISO/SAE Reserved |
| P07CB | ISO/SAE Reserved |
| P07CC | ISO/SAE Reserved |
| P07CD | ISO/SAE Reserved |
| P07CE | ISO/SAE Reserved |
| P07CF | ISO/SAE Reserved |
| P07D0 | ISO/SAE Reserved |
| P07D1 | ISO/SAE Reserved |
| P07D2 | ISO/SAE Reserved |
| P07D3 | ISO/SAE Reserved |
| P07D4 | ISO/SAE Reserved |
| P07D5 | ISO/SAE Reserved |
| P07D6 | ISO/SAE Reserved |
| P07D7 | ISO/SAE Reserved |
| P07D8 | ISO/SAE Reserved |
| P07D9 | ISO/SAE Reserved |
| P07DA | ISO/SAE Reserved |
| P07DB | ISO/SAE Reserved |
| P07DC | ISO/SAE Reserved |
| P07DD P07DE | ISO/SAE Reserved |
| P07DE P07DF | ISO/SAE Reserved |
| P07E0 | ISO/SAE Reserved ISO/SAE Reserved |
| P07E1 | ISO/SAE Reserved |
| P07E2 | ISO/SAE Reserved |
| P07E3 | ISO/SAE Reserved |
| P07E4 | ISO/SAE Reserved |
| P07E5 | ISO/SAE Reserved |
| P07E6 | ISO/SAE Reserved |
| P07E7 | ISO/SAE Reserved |
| P07E8 | ISO/SAE Reserved |
| P07E9 | ISO/SAE Reserved |
| P07EA | ISO/SAE Reserved |
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<u>DBDCodeX</u>

| Codes | Definition | |
|----------------|--|--|
| P07EB | ISO/SAE Reserved | |
| P07EC | ISO/SAE Reserved | |
| P07ED | ISO/SAE Reserved | |
| P07EE | ISO/SAE Reserved | |
| P07EF | ISO/SAE Reserved | |
| P07F0 | ISO/SAE Reserved | |
| P07F1 | ISO/SAE Reserved | |
| P07F2 | ISO/SAE Reserved | |
| P07F3 | ISO/SAE Reserved | |
| P07F4 | ISO/SAE Reserved | |
| P07F5 | ISO/SAE Reserved | |
| P07F6 | ISO/SAE Reserved | |
| P07F7 | ISO/SAE Reserved | |
| P07F8 | ISO/SAE Reserved | |
| P07F9 | ISO/SAE Reserved | |
| P07FA | ISO/SAE Reserved | |
| P07FB | ISO/SAE Reserved | |
| P07FC | ISO/SAE Reserved | |
| P07FD | ISO/SAE Reserved | |
| P07FE | ISO/SAE Reserved | |
| P07FF | ISO/SAE Reserved | |
| P0800 | Transfer Case Control System (MIL Request) | |
| P0801 | Reverse Inhibit Control Circuit Malfunction | |
| P0802 | Transmission Control System MIL Request Circuit/Open | |
| P0803 | 1-4 Upshift (Skip Shift) Solenoid Control Circuit Malfunction | |
| P0804 | 1-4 Upshift (Skip Shift) Lamp Control Circuit Malfunction | |
| P0806 | Clutch Position Sensor Circuit Range/Performance | |
| P0807 | Clutch Position Sensor Circuit Low | |
| P0808 P080A | Clutch Position Sensor Circuit High Clutch Position Not Learned | |
| P080A P080B | Upshift/Skip Shift Solenoid Control Circuit Range/Performance | |
| P080C | Upshift/Skip Shift Solenoid Control Circuit Low | |
| P080D | Upshift/Skip Shift Solenoid Control Circuit High | |
| P080E | ISO/SAE Reserved | |
| P080F | ISO/SAE Reserved | |
| P0815 | Upshift Switch Circuit | |
| P0816 | Downshift Switch Circuit | |
| P081A | Starter Disable Circuit Low | |
| P081B | Starter Disable Circuit High | |
| P081F | ISO/SAE Reserved | |
| P0826 | Up and Down Shift Switch Circuit | |
| P0827 | Up and Down Shift Switch Circuit Low | |
| P0828 | Up and Down Shift Switch Circuit High | |
| P0831 | Clutch Pedal Switch A Circuit Low | |
| | | |



| Codes | Definition |
|-------|--|
| P0833 | Clutch Pedal Switch B Circuit |
| P0836 | Four Wheel Drive (4WD) Switch Circuit |
| P083D | Transmission Fluid Pressure Sensor / Switch "G" Circuit High |
| P0840 | Transmission Fluid Pressure Sensor / Switch "A" Circuit |
| P0841 | Transmission Fluid Pressure Sensor / Switch "A" Circuit Range Performance Rationality |
| P0842 | Transmission Fluid Pressure Sensor / Switch "A" Circuit Low |
| P0843 | Transmission Fluid Pressure Sensor / Switch "A" Circuit High |
| P0845 | Transmission Fluid Pressure Sensor / Switch "B" Circuit |
| P0846 | Transmission Fluid Pressure Sensor / Switch "B" Circuit Range Performance Rationality |
| P0847 | Transmission Fluid Pressure Sensor / Switch "B" Circuit Low |
| P0848 | Transmission Fluid Pressure Sensor / Switch "B" Circuit High |
| P084D | Transmission Fluid Pressure Sensor / Switch "H" Circuit High |
| P084E | Transmission Fluid Pressure Sensor / Switch "H" Circuit Intermittent |
| P0850 | Park/Neutral Switch Input Circuit |
| P0851 | Park/Neutral Switch Input Circuit Low |
| P0852 | Park/Neutral Switch Input Circuit High |
| P0856 | Traction Control Input Signal |
| P085B | Gear Shift Control Module "B" Communication Circuit Low |
| P085C | Gear Shift Control Module "B" Communication Circuit High |
| P085E | Gear Shift Control Module "B" Performance |
| P085F | ISO/SAE Reserved |
| P086A | ISO/SAE Reserved |
| P086B | ISO/SAE Reserved |
| P086C | ISO/SAE Reserved |
| P086D | ISO/SAE Reserved |
| P086E | ISO/SAE Reserved |
| P086F | ISO/SAE Reserved |
| P0870 | Transmission Fluid Pressure Sensor / Switch "C" Circuit |
| P0871 | Transmission Fluid Pressure Sensor / Switch "C" Circuit Range Performance |
| P0872 | Transmission Fluid Pressure Sensor / Switch "C" Circuit Low |
| P0873 | Transmission Fluid Pressure Sensor / Switch "C" Circuit High |
| P0875 | Transmission Fluid Pressure Sensor / Switch D Circuit |
| P0876 | Transmission Fluid Pressure Sensor / Switch D Circuit Range Performance Rationality |
| P0877 | Transmission Fluid Pressure Sensor / Switch D Circuit Low |
| P0878 | Transmission Fluid Pressure Sensor / Switch D Circuit High |
| P087A | ISO/SAE Reserved |
| P087B | ISO/SAE Reserved |
| P087C | ISO/SAE Reserved |
| P087D | ISO/SAE Reserved |
| P087E | ISO/SAE Reserved |



| Codes | Definition |
|-------|---|
| P087F | ISO/SAE Reserved |
| P0880 | TCM Power Input Signal |
| P0881 | TCM Power Input Signal Range/Performance |
| P0882 | TCM Power Input Signal Low |
| P0883 | TCM Power Input Signal High |
| P088A | Transmission Fluid Filter Deteriorated |
| P088B | Transmission Fluid Filter Very Deteriorated |
| P088C | ISO/SAE Reserved |
| P088D | ISO/SAE Reserved |
| P088E | ISO/SAE Reserved |
| P088F | ISO/SAE Reserved |
| P0894 | Transmission Component Slipping |
| P0897 | Transmission Fluid Deteriorated |
| P08A0 | ISO/SAE Reserved |
| P08A1 | ISO/SAE Reserved |
| P08A2 | ISO/SAE Reserved |
| P08A3 | ISO/SAE Reserved |
| P08A4 | ISO/SAE Reserved |
| P08A5 | ISO/SAE Reserved |
| P08A6 | ISO/SAE Reserved |
| P08A7 | ISO/SAE Reserved |
| P08A8 | ISO/SAE Reserved |
| P08A9 | ISO/SAE Reserved |
| P08AA | ISO/SAE Reserved |
| P08AB | ISO/SAE Reserved |
| P08AC | ISO/SAE Reserved |
| P08AD | ISO/SAE Reserved |
| P08AE | ISO/SAE Reserved |
| P08AF | ISO/SAE Reserved |
| P08B0 | ISO/SAE Reserved |
| P08B1 | ISO/SAE Reserved |
| P08B2 | ISO/SAE Reserved |
| P08B3 | ISO/SAE Reserved |
| P08B4 | ISO/SAE Reserved |
| P08B5 | ISO/SAE Reserved |
| P08B6 | ISO/SAE Reserved |
| P08B7 | ISO/SAE Reserved |
| P08B8 | ISO/SAE Reserved |
| P08B9 | ISO/SAE Reserved |
| P08BA | ISO/SAE Reserved |
| P08BB | ISO/SAE Reserved |
| P08BC | ISO/SAE Reserved |
| P08BD | ISO/SAE Reserved |
| P08BE | ISO/SAE Reserved |



| Codes | |
|----------------|--------------------------------------|
| P08BF | ISO/SAE Reserved |
| P08C0 | ISO/SAE Reserved |
| P08C1 | ISO/SAE Reserved |
| P08C2 | ISO/SAE Reserved |
| P08C3 | ISO/SAE Reserved |
| P08C4 | ISO/SAE Reserved |
| P08C5 | ISO/SAE Reserved |
| P08C6 | ISO/SAE Reserved |
| P08C7 | ISO/SAE Reserved |
| P08C8 | ISO/SAE Reserved |
| P08C9 | ISO/SAE Reserved |
| P08CA | ISO/SAE Reserved |
| P08CB | ISO/SAE Reserved |
| P08CC | ISO/SAE Reserved |
| P08CD | ISO/SAE Reserved |
| P08CE | ISO/SAE Reserved |
| P08CF | ISO/SAE Reserved |
| P08D0 | ISO/SAE Reserved |
| P08D1 | ISO/SAE Reserved |
| P08D2 | ISO/SAE Reserved |
| P08D3 | ISO/SAE Reserved |
| P08D4 | ISO/SAE Reserved |
| P08D5 | ISO/SAE Reserved |
| P08D6 | ISO/SAE Reserved |
| P08D7 | ISO/SAE Reserved |
| P08D8 | ISO/SAE Reserved |
| P08D9 | ISO/SAE Reserved |
| P08DA | ISO/SAE Reserved |
| P08DB | ISO/SAE Reserved |
| P08DC P08DD | ISO/SAE Reserved |
| P08DD P08DE | ISO/SAE Reserved |
| POBDE POBDF | ISO/SAE Reserved ISO/SAE Reserved |
| P08E0 | ISO/SAE Reserved |
| P08E1 | ISO/SAE Reserved |
| P08E2 | ISO/SAE Reserved |
| P08E3 | ISO/SAE Reserved |
| P08E4 | ISO/SAE Reserved |
| P08E5 | ISO/SAE Reserved |
| P08E6 | ISO/SAE Reserved |
| P08E7 | ISO/SAE Reserved |
| P08E8 | ISO/SAE Reserved |
| P08E9 | ISO/SAE Reserved |
| POSEA | ISO/SAE Reserved |
| | |

| Codes | |
|----------------|--------------------------------------|
| P08EB | ISO/SAE Reserved |
| P08EC | ISO/SAE Reserved |
| P08ED | ISO/SAE Reserved |
| P08EE | ISO/SAE Reserved |
| P08EF | ISO/SAE Reserved |
| P08F0 | ISO/SAE Reserved |
| P08F1 | ISO/SAE Reserved |
| P08F2 | ISO/SAE Reserved |
| P08F3 | ISO/SAE Reserved |
| P08F4 | ISO/SAE Reserved |
| P08F5 | ISO/SAE Reserved |
| P08F6 | ISO/SAE Reserved |
| P08F7 | ISO/SAE Reserved |
| P08F8 | ISO/SAE Reserved |
| P08F9 | ISO/SAE Reserved |
| P08FA | ISO/SAE Reserved |
| P08FB | ISO/SAE Reserved |
| P08FC | ISO/SAE Reserved |
| P08FD | ISO/SAE Reserved |
| P08FE | ISO/SAE Reserved |
| P08FF | ISO/SAE Reserved |
| P090A | ISO/SAE Reserved |
| P090B | ISO/SAE Reserved |
| P090C | ISO/SAE Reserved |
| P090D | ISO/SAE Reserved |
| P090E | ISO/SAE Reserved |
| P090F | ISO/SAE Reserved |
| P091A | ISO/SAE Reserved |
| P091B | ISO/SAE Reserved |
| P091C | ISO/SAE Reserved |
| P091D | ISO/SAE Reserved |
| P091E P091F | ISO/SAE Reserved |
| P091F P092E | ISO/SAE Reserved ISO/SAE Reserved |
| P092E P092F | ISO/SAE Reserved |
| P0921 P093A | ISO/SAE Reserved |
| P093A P093B | ISO/SAE Reserved |
| P093C | ISO/SAE Reserved |
| P093D | ISO/SAE Reserved |
| P093E | ISO/SAE Reserved |
| P093E P093F | ISO/SAE Reserved |
| P094A | ISO/SAE Reserved |
| P094B | ISO/SAE Reserved |
| P094C | ISO/SAE Reserved |
| 10010 | |

| Codes | Definition | |
|----------------|--|--|
| P094D | ISO/SAE Reserved | |
| P094E | ISO/SAE Reserved | |
| P094F | ISO/SAE Reserved | |
| P095A | ISO/SAE Reserved | |
| P095B | ISO/SAE Reserved | |
| P095C | ISO/SAE Reserved | |
| P095D | ISO/SAE Reserved | |
| P095E | ISO/SAE Reserved | |
| P095F | ISO/SAE Reserved | |
| P0960 | Pressure Control Solenoid A Control Circuit/Open | |
| P0961 | Pressure Control Solenoid A Control Circuit Range/Performance | |
| P0962 | Pressure Control Solenoid A Control Circuit Low | |
| P0963 | Pressure Control Solenoid A Control Circuit High | |
| P0964 | Pressure Control Solenoid B Control Circuit/Open | |
| P0965 | Pressure Control Solenoid B Control Circuit Range/Performance | |
| P0966 | Pressure Control Solenoid B Control Circuit Low | |
| P0967 | Pressure Control Solenoid B Control Circuit High | |
| P0968 | Pressure Control Solenoid C Control Circuit/Open | |
| P0969 | Pressure Control Solenoid C Control Circuit Range/Performance | |
| P096A | ISO/SAE Reserved | |
| P096B | ISO/SAE Reserved | |
| P096C | ISO/SAE Reserved | |
| P096D | ISO/SAE Reserved | |
| P096E | ISO/SAE Reserved | |
| P096F | ISO/SAE Reserved | |
| P0970 | Pressure Control Solenoid C Control Circuit Low | |
| P0971 | Pressure Control Solenoid C Control Circuit High | |
| P0972 | Shift Solenoid 'A' Control Circuit Range/Performance Shift Solenoid 'A' Control Circuit Low | |
| P0973 P0974 | Shift Solenoid "A" Control Circuit High | |
| P0974 P0975 | Shift Solenoid "B" Control Circuit Range/Performance | |
| P0976 | Shift Solenoid "B" Control Circuit Low | |
| P0977 | Shift Solenoid "B" Control Circuit High | |
| P0978 | Shift Solenoid "C" Control Circuit Range/Performance | |
| P0979 | Shift Solenoid "C" Control Circuit Low | |
| P097A | ISO/SAE Reserved | |
| P097B | ISO/SAE Reserved | |
| P097C | ISO/SAE Reserved | |
| P097D | ISO/SAE Reserved | |
| P097E | ISO/SAE Reserved | |
| P097F | ISO/SAE Reserved | |
| P0980 | Shift Solenoid "C" Control Circuit High | |
| P0982 | Shift Solenoid "D" Control Circuit Low | |
| P0983 | Shift Solenoid "D" Control Circuit High | |
| - | س | |



| Codes | Definition |
|----------------|--|
| P0985 | Shift Solenoid "E" Control Circuit Low |
| P0986 | Shift Solenoid "E" Control Circuit High |
| P0989 | Transmission Fluid Pressure Sensor / Switch "E" Circuit Low |
| P098A | ISO/SAE Reserved |
| P098B | ISO/SAE Reserved |
| P098C | ISO/SAE Reserved |
| P098D | ISO/SAE Reserved |
| P098E | ISO/SAE Reserved |
| P098F | ISO/SAE Reserved |
| P0990 | Transmission Fluid Pressure Sensor / Switch "E" Circuit High |
| P099F | Shift Solenoid "H" Control Circuit High |
| P09A0 | ISO/SAE Reserved |
| P09A1 | ISO/SAE Reserved |
| P09A2 | ISO/SAE Reserved |
| P09A3 | ISO/SAE Reserved |
| P09A4 | ISO/SAE Reserved |
| P09A5 | ISO/SAE Reserved |
| P09A6 | ISO/SAE Reserved |
| P09A7 | ISO/SAE Reserved |
| P09A8 | ISO/SAE Reserved |
| P09A9 | ISO/SAE Reserved |
| P09AA | ISO/SAE Reserved |
| P09AB | ISO/SAE Reserved |
| P09AC | ISO/SAE Reserved |
| P09AD | ISO/SAE Reserved |
| P09AE | ISO/SAE Reserved |
| P09AF | ISO/SAE Reserved |
| P09B0 | ISO/SAE Reserved |
| P09B1 | ISO/SAE Reserved |
| P09B2 | ISO/SAE Reserved |
| P09B3 P09B4 | ISO/SAE Reserved ISO/SAE Reserved |
| P09B4 P09B5 | ISO/SAE Reserved |
| P09B5 P09B6 | ISO/SAE Reserved |
| P09B7 | ISO/SAE Reserved |
| P09B8 | ISO/SAE Reserved |
| P09B9 | ISO/SAE Reserved |
| P09BA | ISO/SAE Reserved |
| P09BB | ISO/SAE Reserved |
| P09BC | ISO/SAE Reserved |
| P09BD | ISO/SAE Reserved |
| P09BE | ISO/SAE Reserved |
| P09BF | ISO/SAE Reserved |
| P09C0 | ISO/SAE Reserved |
| - | |



| Codes | |
|----------------|--------------------------------------|
| P09C1 | ISO/SAE Reserved |
| P09C2 | ISO/SAE Reserved |
| P09C3 | ISO/SAE Reserved |
| P09C4 | ISO/SAE Reserved |
| P09C5 | ISO/SAE Reserved |
| P09C6 | ISO/SAE Reserved |
| P09C7 | ISO/SAE Reserved |
| P09C8 | ISO/SAE Reserved |
| P09C9 | ISO/SAE Reserved |
| P09CA | ISO/SAE Reserved |
| P09CB | ISO/SAE Reserved |
| P09CC | ISO/SAE Reserved |
| P09CD | ISO/SAE Reserved |
| P09CE | ISO/SAE Reserved |
| P09CF | ISO/SAE Reserved |
| P09D0 | ISO/SAE Reserved |
| P09D1 | ISO/SAE Reserved |
| P09D2 | ISO/SAE Reserved |
| P09D3 | ISO/SAE Reserved |
| P09D4 | ISO/SAE Reserved |
| P09D5 | ISO/SAE Reserved |
| P09D6 | ISO/SAE Reserved |
| P09D7 | ISO/SAE Reserved |
| P09D8 | ISO/SAE Reserved |
| P09D9 | ISO/SAE Reserved |
| P09DA | ISO/SAE Reserved |
| P09DB | ISO/SAE Reserved |
| P09DC | ISO/SAE Reserved |
| P09DD | ISO/SAE Reserved |
| P09DE | ISO/SAE Reserved |
| P09DF | ISO/SAE Reserved |
| P09E0 P09E1 | ISO/SAE Reserved |
| P09E1 P09E2 | ISO/SAE Reserved ISO/SAE Reserved |
| P09E2 P09E3 | ISO/SAE Reserved |
| P09E3 P09E4 | ISO/SAE Reserved |
| P09E5 | ISO/SAE Reserved |
| P09E5 P09E6 | ISO/SAE Reserved |
| P09E7 | ISO/SAE Reserved |
| P09E8 | ISO/SAE Reserved |
| P09E9 | ISO/SAE Reserved |
| PO9EA | ISO/SAE Reserved |
| PO9EB | ISO/SAE Reserved |
| PO9EC | ISO/SAE Reserved |
| IUJLU | 100/0/11 1(0361 Veu |

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| Codes | Definition | |
|----------------|---|--|
| P09ED | ISO/SAE Reserved | |
| P09EE | ISO/SAE Reserved | |
| P09EF | ISO/SAE Reserved | |
| P09F0 | ISO/SAE Reserved | |
| P09F1 | ISO/SAE Reserved | |
| P09F2 | ISO/SAE Reserved | |
| P09F3 | ISO/SAE Reserved | |
| P09F4 | ISO/SAE Reserved | |
| P09F5 | ISO/SAE Reserved | |
| P09F6 | ISO/SAE Reserved | |
| P09F7 | ISO/SAE Reserved | |
| P09F8 | ISO/SAE Reserved | |
| P09F9 | ISO/SAE Reserved | |
| P09FA | ISO/SAE Reserved | |
| P09FB | ISO/SAE Reserved | |
| P09FC | ISO/SAE Reserved | |
| P09FD | ISO/SAE Reserved | |
| P09FE | ISO/SAE Reserved | |
| P09FF | ISO/SAE Reserved | |
| P0A01 | Motor Electronics Coolant Temperature Sensor (CTS) Circuit Range/Performance | |
| P0A02 | Motor Electronics Coolant Temperature Sensor (CTS) Circuit Low | |
| P0A03 | Motor Electronics Coolant Temperature Sensor (CTS) Circuit High | |
| P0A06 | Motor Electronics Coolant Pump "A" Control Circuit Low | |
| P0A07 | Motor Electronics Coolant Pump "A" Control Circuit High | |
| POAOA | High Voltage System Interlock Circuit | |
| POA0B | High Voltage System Interlock Circuit Performance | |
| POAOC | High Voltage System Interlock Circuit Low | |
| POA0D | High Voltage System Interlock Circuit High | |
| POA1B | Drive Motor "A" Control Module | |
| POA1C | Drive Motor "B" Control Module | |
| POA1D | Hybrid Powertrain Control Module | |
| POA1F POA27 | Battery Energy Control Module Hybrid Battery Power Off Circuit | |
| POA27 POA2B | Drive Motor "A" Temperature Sensor Circuit Range/Performance | |
| POA2D POA2C | Drive Motor "A" Temperature Sensor Circuit Kange/renormance | |
| POA2D | Drive Motor "A" Temperature Sensor Circuit Low | |
| POA2F | Drive Motor "A" Over Temperature | |
| P0A30 | Drive Motor "B" Temperature Sensor Circuit | |
| P0A31 | Drive Motor "B" Temperature Sensor Circuit Range/Performance | |
| P0A32 | Drive Motor "B" Temperature Sensor Circuit Low | |
| P0A33 | Drive Motor "B" Temperature Sensor Circuit Low | |
| 1 0/100 | Dive noter D'remperature benser encurt myn | |



| Codes | Definition |
|--------------|---|
| P0A35 | Drive Motor "B" Over Temperature |
| P0A3D | Drive Motor "B" Inverter Over Temperature |
| P0A3E | Generator Inverter Over Temperature |
| P0A3F | Drive Motor "A" Position Sensor Circuit |
| P0A40 | Drive Motor "A" Position Sensor Circuit Range/Performance |
| P0A45 | Drive Motor "B" Position Sensor Circuit |
| P0A46 | Drive Motor "B" Position Sensor Circuit Range/Performance |
| P0A47 | Drive Motor "B" Position Sensor Circuit Low |
| P0A48 | Drive Motor "B" Position Sensor Circuit High |
| POA4A | Drive Motor "B" Position Sensor Circuit Overspeed |
| P0A51 | Drive Motor "A" Current Sensor Circuit |
| P0A56 | Drive Motor "B" Current Sensor Circuit Range/Performance |
| P0A57 | Drive Motor "B" Current Sensor Circuit Low |
| P0A58 | Drive Motor "B" Current Sensor Circuit High |
| P0A59 | Generator Current Sensor Circuit |
| P0A78 | Drive Motor "A" Inverter Performance |
| P0A79 | Drive Motor "B" Inverter Performance |
| POA7E | Hybrid Battery Pack Over Temperature |
| POA7F | Hybrid Battery Pack Deterioration |
| P0A80 | Replace Hybrid Battery Pack |
| P0A81 | Hybrid Battery Pack Cooling Fan 1 Control Circuit/Open |
| P0A82 | Hybrid Battery Pack Cooling Fan 1 Performance/Stuck Off |
| P0A83 | Hybrid Battery Pack Cooling Fan 1 Stuck On |
| P0A84 | Hybrid Battery Pack Cooling Fan 1 Control Circuit Low |
| P0A85 | Hybrid Battery Pack Cooling Fan 1 Control Circuit High |
| P0A86 | 14 Volt Power Module Current Sensor Circuit |
| P0A87 | 14 Volt Power Module Current Sensor Circuit Range/Performance |
| P0A88 | 14 Volt Power Module Current Sensor Circuit Low |
| P0A89 | 14 Volt Power Module Current Sensor Circuit High |
| POA8A | 14 Volt Power Module Current Sensor Circuit Intermittent |
| P0A8B | 14 Volt Power Module System Voltage |
| P0A8C | 14 Volt Power Module System Voltage Unstable |
| POA8D | 14 Volt Power Module System Voltage Low |
| POA8E | 14 Volt Power Module System Voltage High |
| P0A8F | 14 Volt Power Module System Performance |
| P0A90 | Drive Motor "A" Performance |
| P0A95 | High Voltage Fuse |
| P0A9C | Hybrid Battery Temperature Sensor (BTS) "A" Range/Performance |
| P0A9D | Hybrid Battery Temperature Sensor (BTS) "A" Circuit Low |
| POA9E | Hybrid Battery Temperature Sensor (BTS) "A" Circuit High |
| P0A9F | Hybrid Battery Temperature Sensor (BTS) "A" Circuit Intermittent/Erratic |



| Codes | Definition |
|-------|---|
| POAA1 | Hybrid Battery Positive Contactor Circuit Stuck Closed |
| POAA4 | Hybrid Battery Negative Contactor Circuit Stuck Closed |
| POAA6 | Hybrid Battery Voltage System Isolation Fault |
| POAA7 | Hybrid Battery Voltage Isolation Sensor Circuit |
| POAA8 | Hybrid Battery Voltage Isolation Sensor Circuit Range/Performance |
| POAA9 | Hybrid Battery Voltage Isolation Sensor Circuit Low |
| POAAA | Hybrid Battery Voltage Isolation Sensor Circuit High |
| POAAD | Hybrid Battery Pack Air Temperature Sensor (ATS) "A" Circuit Range/Performance |
| POAAE | Hybrid Battery Pack Air Temperature Sensor (ATS) "A" Circuit Low |
| POAAF | Hybrid Battery Pack Air Temperature Sensor (ATS) "A" Circuit High |
| POAB2 | Hybrid Battery Pack Air Temperature Sensor (ATS) "B" Circuit |
| POAB3 | Hybrid Battery Pack Air Temperature Sensor (ATS) "B" Circuit Low |
| POAB4 | Hybrid Battery Pack Air Temperature Sensor (ATS) "B" Circuit High |
| POAB9 | Hybrid System Performance |
| POABB | Hybrid Battery Pack Voltage Sense "A" Circuit Range/Performance |
| POABC | Hybrid Battery Pack Voltage Sense "A" Circuit Low |
| POABD | Hybrid Battery Pack Voltage Sense "A" Circuit High |
| POABE | Hybrid Battery Pack Voltage Sense "A" Circuit Intermittent/Erratic |
| POABF | Hybrid Battery Pack Current Sensor "A" Circuit |
| POAC0 | Hybrid Battery Pack Current Sensor "A" Circuit Range/Performance |
| POAC1 | Hybrid Battery Pack Current Sensor "A" Circuit Low |
| POAC2 | Hybrid Battery Pack Current Sensor "A" Circuit High |
| POAC4 | Hybrid Powertrain Control Module Requested MIL Illumination |
| POAC6 | Hybrid Battery Temperature Sensor (BTS) "B" Range/Performance |
| POAC7 | Hybrid Battery Temperature Sensor (BTS) "B" Circuit Low |
| POAC8 | Hybrid Battery Temperature Sensor (BTS) "B" Circuit High |
| POAC9 | Hybrid Battery Temperature Sensor (BTS) "B" Circuit Intermittent/Erratic |
| POACB | Hybrid Battery Temperature Sensor (BTS) "C" Range/Performance |
| POACC | Hybrid Battery Temperature Sensor (BTS) "C" Circuit Low |
| POACD | Hybrid Battery Temperature Sensor (BTS) "C" Circuit High |
| POACE | Hybrid Battery Temperature Sensor (BTS) "C" Circuit Intermittent/Erratic |
| POACF | Hybrid Battery Pack Cooling Fan 3 Control Circuit/Open |
| POAD1 | Hybrid Battery Pack Cooling Fan 3 Stuck On |



| Codes | Definition | |
|---------|---|--|
| POAD4 | Hybrid Battery Pack Air Flow System Insufficient Air Flow | |
| POAD5 | Hybrid Battery Pack Air Flow Valve "A" Control Circuit/Open | |
| P0AD6 | Hybrid Battery Pack Air Flow Valve "A" Control Circuit Range/Performance | |
| POAD7 | Hybrid Battery Pack Air Flow Valve "A" Control Circuit Low | |
| POAD8 | Hybrid Battery Pack Air Flow Valve "A" Control Circuit High | |
| POAD9 | Hybrid Battery Positive Contactor Control Circuit/Open | |
| POADB | Hybrid Battery Positive Contactor Control Circuit Low | |
| POADC | Hybrid Battery Positive Contactor Control Circuit High | |
| POADD | Hybrid Battery Negative Contactor Control Circuit/Open | |
| POADF | Hybrid Battery Negative Contactor Control Circuit Low | |
| POAE0 | Hybrid Battery Negative Contactor Control Circuit High | |
| POAE2 | Hybrid Battery Precharge Contactor Circuit Stuck Closed | |
| POAE3 | Hybrid Battery Precharge Contactor Circuit Stuck Open | |
| POAE4 | Hybrid Battery Precharge Contactor Control Circuit | |
| POAE6 | Hybrid Battery Precharge Contactor Control Circuit Low | |
| POAE7 | Hybrid Battery Precharge Contactor Control Circuit High | |
| POAE9 | Hybrid Battery Temperature Sensor (BTS) "D" Range/Performance | |
| POAEA | Hybrid Battery Temperature Sensor (BTS) "D" Circuit Low | |
| POAEB | Hybrid Battery Temperature Sensor (BTS) "D" Circuit High | |
| POAEC | Hybrid Battery Temperature Sensor (BTS) "D" Circuit | |
| I U/ILO | Intermittent/Erratic | |
| POAEE | Drive Motor Inverter Temperature Sensor "A" Circuit Range/Performance | |
| POAEF | Drive Motor Inverter Temperature Sensor "A" Circuit Low | |
| POAF0 | Drive Motor Inverter Temperature Sensor "A" Circuit High | |
| POAF3 | Drive Motor Inverter Temperature Sensor "B" Circuit Range/Performance | |
| POAF4 | Drive Motor Inverter Temperature Sensor "B" Circuit Low | |
| POAF5 | Drive Motor Inverter Temperature Sensor "B" Circuit High | |
| POAF7 | 14 Volt Power Module Internal Temperature Too High | |
| POAF8 | Hybrid Battery System Voltage | |
| POAF9 | Hybrid Battery System Voltage Unstable | |
| POAFA | Hybrid Battery System Voltage Low | |
| POAFB | Hybrid Battery System Voltage High | |
| POAFF | System Voltage Too Low for Voltage Step Down Conversion | |
| P0B00 | Auxiliary Transmission Fluid Pump Motor Phase U Current | |
| P0B09 | Auxiliary Transmission Fluid Pump Motor Supply Voltage Circuit/Open | |
| P0B0D | Auxiliary Transmission Fluid Pump Motor Control Module | |
| P0B10 | Hybrid Battery Pack Current Sensor "B" Circuit Low | |
| P0B11 | Hybrid Battery Pack Current Sensor "B" Circuit High | |
| P0B13 | Hybrid Battery Pack Current Sensor "A"/"B" Correlation | |
| P0B25 | Hybrid Battery "A" Voltage Low | |



| Codes | Definition |
|----------------|--|
| P0B3A | Motor Electronics Coolant Pump "B" Control Circuit High |
| P0B3B | Hybrid Battery Voltage Sense "A" Circuit |
| P0B3C | Hybrid Battery Voltage Sense "A" Circuit Range/Performance |
| P0B3D | Hybrid Battery Voltage Sense "A" Circuit Low |
| P0B3E | Hybrid Battery Voltage Sense "A" Circuit High |
| P0B40 | Hybrid Battery Voltage Sense "B" Circuit |
| P0B41 | Hybrid Battery Voltage Sense "B" Circuit Range/Performance |
| P0B42 | Hybrid Battery Voltage Sense "B" Circuit Low |
| P0B43 | Hybrid Battery Voltage Sense "B" Circuit High |
| P0B45 | Hybrid Battery Voltage Sense "C" Circuit |
| P0B46 | Hybrid Battery Voltage Sense "C" Circuit Range/Performance |
| P0B47 | Hybrid Battery Voltage Sense "C" Circuit Low |
| P0B48 | Hybrid Battery Voltage Sense "C" Circuit High |
| POB4A | Hybrid Battery Voltage Sense "D" Circuit |
| P0B4B | Hybrid Battery Voltage Sense "D" Circuit Range/Performance |
| P0B4C | Hybrid Battery Voltage Sense "D" Circuit Low |
| P0B4D | Hybrid Battery Voltage Sense "D" Circuit High |
| P0B4F | Hybrid Battery Voltage Sense "E" Circuit |
| P0B50 | Hybrid Battery Voltage Sense "E" Circuit Range/Performance |
| P0B51 | Hybrid Battery Voltage Sense "E" Circuit Low |
| P0B52 | Hybrid Battery Voltage Sense "E" Circuit High |
| P0B54 | Hybrid Battery Voltage Sense "F" Circuit |
| P0B55 | Hybrid Battery Voltage Sense "F" Circuit Range/Performance |
| P0B56 | Hybrid Battery Voltage Sense "F" Circuit Low |
| P0B57 | Hybrid Battery Voltage Sense "F" Circuit High |
| P0B59 | Hybrid Battery Voltage Sense "G" Circuit |
| P0B5A | Hybrid Battery Voltage Sense "G" Circuit Range/Performance |
| P0B5B | Hybrid Battery Voltage Sense "G" Circuit Low |
| P0B5C | Hybrid Battery Voltage Sense "G" Circuit High |
| POB5E | Hybrid Battery Voltage Sense "H" Circuit |
| POB5F | Hybrid Battery Voltage Sense "H" Circuit Range/Performance |
| P0B60 | Hybrid Battery Voltage Sense "H" Circuit Low |
| P0B61 | Hybrid Battery Voltage Sense "H" Circuit High |
| P0B63 | Hybrid Battery Voltage Sense "I" Circuit |
| P0B64 | Hybrid Battery Voltage Sense "I" Circuit Range/Performance Hybrid Battery Voltage Sense "I" Circuit Low |
| P0B65 P0B66 | |
| P0B68 | Hybrid Battery Voltage Sense "I" Circuit High |
| P0B69 | Hybrid Battery Voltage Sense "J" Circuit Hybrid Battery Voltage Sense "J" Circuit Range/Performance |
| P0B6A | Hybrid Battery Voltage Sense "J" Circuit Low |
| POB6B | Hybrid Battery Voltage Sense "J" Circuit Low |
| POB6D | Hybrid Battery Voltage Sense "K" Circuit |
| POB6E | Hybrid Battery Voltage Sense "K" Circuit Range/Performance |
| POB6F | Hybrid Battery Voltage Sense "K" Circuit Kange/Ferformance |
| TAPAT | TINTIA DUTIOLY VOLUGO DELISE IN OLICUIT LOW |



| Codes | Definition |
|----------------|--|
| P0B70 | Hybrid Battery Voltage Sense "K" Circuit High |
| P0B72 | Hybrid Battery Voltage Sense "L" Circuit |
| P0B73 | Hybrid Battery Voltage Sense "L" Circuit Range/Performance |
| P0B74 | Hybrid Battery Voltage Sense "L" Circuit Low |
| P0B75 | Hybrid Battery Voltage Sense "L" Circuit High |
| P0B77 | Hybrid Battery Voltage Sense "M" Circuit |
| P0B78 | Hybrid Battery Voltage Sense "M" Circuit Range/Performance |
| P0B79 | Hybrid Battery Voltage Sense "M" Circuit Low |
| POB7A | Hybrid Battery Voltage Sense "M" Circuit High |
| P0B7C | Hybrid Battery Voltage Sense "N" Circuit |
| P0B7D | Hybrid Battery Voltage Sense "N" Circuit Range/Performance |
| POB7E | Hybrid Battery Voltage Sense "N" Circuit Low |
| P0B7F | Hybrid Battery Voltage Sense "N" Circuit High |
| P0B81 | Hybrid Battery Voltage Sense "O" Circuit |
| P0B82 | Hybrid Battery Voltage Sense "O" Circuit Range/Performance |
| P0B83 | Hybrid Battery Voltage Sense "O" Circuit Low |
| P0B84 | Hybrid Battery Voltage Sense "O" Circuit High |
| P0B86 | Hybrid Battery Voltage Sense "P" Circuit |
| P0B87 | Hybrid Battery Voltage Sense "P" Circuit Range/Performance |
| P0B88 | Hybrid Battery Voltage Sense "P" Circuit Low |
| P0B89 | Hybrid Battery Voltage Sense "P" Circuit High |
| P0B8B | Hybrid Battery Voltage Sense "Q" Circuit |
| P0B8C | Hybrid Battery Voltage Sense "Q" Circuit Range/Performance |
| P0B8D | Hybrid Battery Voltage Sense "Q" Circuit Low |
| POB8E | Hybrid Battery Voltage Sense "Q" Circuit High |
| P0B90 | Hybrid Battery Voltage Sense "R" Circuit |
| P0B91 | Hybrid Battery Voltage Sense "R" Circuit Range/Performance |
| P0B92 | Hybrid Battery Voltage Sense "R" Circuit Low |
| P0B93 P0B95 | Hybrid Battery Voltage Sense "R" Circuit High Hybrid Battery Voltage Sense "S" Circuit |
| P0B95 P0B96 | Hybrid Battery Voltage Sense "S" Circuit Range/Performance |
| P0B97 | Hybrid Battery Voltage Sense 'S' Circuit Kange/Terrormance Hybrid Battery Voltage Sense "S" Circuit Low |
| P0B98 | Hybrid Battery Voltage Sense 'S' Circuit Low Hybrid Battery Voltage Sense "S" Circuit High |
| POB9A | Hybrid Battery Voltage Sense "J" Circuit |
| POB9B | Hybrid Battery Voltage Sense "T" Circuit Range/Performance |
| POB9C | Hybrid Battery Voltage Sense "T" Circuit Low |
| P0B9D | Hybrid Battery Voltage Sense "T" Circuit High |
| P0B9F | Hybrid Battery Voltage Sense "U" Circuit |
| P0BA0 | Hybrid Battery Voltage Sense "U" Circuit Range/Performance |
| P0BA1 | Hybrid Battery Voltage Sense "U" Circuit Low |
| POBA2 | Hybrid Battery Voltage Sense "U" Circuit High |
| P0BA4 | Hybrid Battery Voltage Sense "V" Circuit |
| P0BA5 | Hybrid Battery Voltage Sense "V" Circuit Range/Performance |
| P0BA6 | Hybrid Battery Voltage Sense "V" Circuit Low |
| | |



| Codes | Definition | |
|-------|---|--|
| POBA7 | Hybrid Battery Voltage Sense "V" Circuit High | |
| POBA9 | Hybrid Battery Voltage Sense "W" Circuit | |
| POBAA | Hybrid Battery Voltage Sense "W" Circuit Range/Performance | |
| POBAB | Hybrid Battery Voltage Sense "W" Circuit Low | |
| POBAC | Hybrid Battery Voltage Sense "W" Circuit High | |
| POBAE | Hybrid Battery Voltage Sense "X" Circuit | |
| POBAF | Hybrid Battery Voltage Sense "X" Circuit Range/Performance | |
| P0BB0 | Hybrid Battery Voltage Sense "X" Circuit Low | |
| POBB1 | Hybrid Battery Voltage Sense "X" Circuit High | |
| POBB3 | Hybrid Battery Voltage Sense "Y" Circuit | |
| P0BB4 | Hybrid Battery Voltage Sense "Y" Circuit Range/Performance | |
| P0BB5 | Hybrid Battery Voltage Sense "Y" Circuit Low | |
| POBB6 | Hybrid Battery Voltage Sense "Y" Circuit High | |
| P0BB8 | Hybrid Battery Voltage Sense "Z" Circuit | |
| POBB9 | Hybrid Battery Voltage Sense "Z" Circuit Range/Performance | |
| POBBA | Hybrid Battery Voltage Sense "Z" Circuit Low | |
| POBBB | Hybrid Battery Voltage Sense "Z" Circuit High | |
| POBBD | Hybrid Battery Pack Voltage Variation Exceeded Limit | |
| POBBE | Hybrid Battery Pack Voltage Variation | |
| POBC1 | Hybrid Battery Pack Cooling Fan Supply Voltage Circuit High | |
| POBC3 | Hybrid Battery Temperature Sensor (BTS) "E" Range/Performance | |
| POBC4 | Hybrid Battery Temperature Sensor (BTS) "E" Circuit Low | |
| P0BC5 | Hybrid Battery Temperature Sensor (BTS) "E" Circuit High | |
| P0BC6 | Hybrid Battery Temperature Sensor (BTS) "E" Circuit Intermittent/Erratic | |
| POBC8 | Hybrid Battery Pack Cooling Fan Sense Range/Performance | |
| POBC9 | Hybrid Battery Pack Cooling Fan Sense Circuit Low | |
| POBCA | Hybrid Battery Pack Cooling Fan Sense Circuit High | |
| P0BD2 | Drive Motor Inverter Temperature Sensor "C" Circuit Range/Performance | |
| P0BD3 | Drive Motor Inverter Temperature Sensor "C" Circuit Low | |
| P0BD4 | Drive Motor Inverter Temperature Sensor "C" Circuit High | |
| P0BD7 | Drive Motor Inverter Temperature Sensor "D" Circuit | |
| | Range/Performance | |
| POBD9 | Drive Motor Inverter Temperature Sensor "D" Circuit High | |
| POBDC | Drive Motor Inverter Temperature Sensor "E" Circuit Range/Performance | |
| POBDD | Drive Motor Inverter Temperature Sensor "E" Circuit Low | |
| POBDE | Drive Motor Inverter Temperature Sensor "E" Circuit High | |
| POBE1 | Drive Motor Inverter Temperature Sensor "F" Circuit Range/Performance | |
| POBE2 | Drive Motor Inverter Temperature Sensor "F" Circuit Low | |
| P0BE3 | Drive Motor Inverter Temperature Sensor "F" Circuit High | |



| Codes | Definition | |
|----------------|--|--|
| POBE6 | Drive Motor "A" Phase U Current Sensor Circuit | |
| FUDEU | Range/Performance | |
| POBE7 | Drive Motor "A" Phase U Current Sensor Circuit Low | |
| POBE8 | Drive Motor "A" Phase U Current Sensor Circuit High | |
| POBEE | Drive Motor "A" Phase W Current Sensor Circuit | |
| DODEE | Range/Performance | |
| POBEF | Drive Motor "A" Phase W Current Sensor Circuit Low | |
| POBF0 | Drive Motor "A" Phase W Current Sensor Circuit High | |
| POBFD | Drive Motor "A" Phase U-V-W Current Sensor Correlation | |
| POBFE | Drive Motor "B" Phase U-V-W Current Sensor Correlation | |
| P0C01 | Drive Motor "A" Current High | |
| P0C04 | Drive Motor "B" Current High | |
| P0C05 | Drive Motor "A" Phase U-V-W Circuit/Open | |
| POCO8 | Drive Motor "B" Phase U-V-W Circuit/Open | |
| POCOB | Drive Motor "A" Inverter Power Supply Circuit/Open | |
| P0C0E P0C11 | Drive Motor "B" Inverter Power Supply Circuit/Open | |
| | Drive Motor "A" Inverter Phase U Over Temperature | |
| P0C12 P0C13 | Drive Motor "A" Inverter Phase V Over Temperature | |
| P0C13 P0C14 | Drive Motor "A" Inverter Phase W Over Temperature | |
| P0C14 P0C15 | Drive Motor "B" Inverter Phase U Over Temperature | |
| P0C15 P0C16 | Drive Motor "B" Inverter Phase V Over Temperature | |
| P0C10 P0C17 | Drive Motor "B" Inverter Phase W Over Temperature Drive Motor "A" Position Sensor Not Learned | |
| P0C18 | Drive Motor "B" Position Sensor Not Learned | |
| P0C19 | Drive Motor "A" Torque Delivered Performance | |
| POC1A | Drive Motor "B" Torque Delivered Performance | |
| P0C20 | Auxiliary Transmission Fluid Pump Phase U-V-W Circuit/Open | |
| P0C28 | Auxiliary Transmission Fluid Pump Motor Current High | |
| | Auxiliary Transmission Fluid Pump Control Module Feedback | |
| P0C2B | Signal | |
| P0C2F | Internal Control Module Drive Motor/Generator - Engine Speed | |
| | Sensor Performance | |
| P0C32 | Hybrid Battery Cooling System Performance | |
| P0C34 | Hybrid Battery Temperature Sensor (BTS) "F" Circuit Range/Performance | |
| P0C35 | Hybrid Battery Temperature Sensor (BTS) "F" Circuit Low | |
| P0C36 | Hybrid Battery Temperature Sensor (BTS) "F" Circuit High | |
| P0C37 | Hybrid Battery Temperature Sensor (BTS) "F" Circuit Intermittent/Erratic | |
| P0C43 | Hybrid Battery Pack Coolant Temperature Sensor (CTS) Circuit Range/Performance | |
| DOC 44 | Hybrid Battery Pack Coolant Temperature Sensor (CTS) Circuit | |
| P0C44 | Low | |
| P0C45 | Hybrid Battery Pack Coolant Temperature Sensor (CTS) Circuit High | |



| Codes | Definition | | |
|----------------|---|--|--|
| P0C47 | Hybrid Battery Pack Coolant Pump Control Circuit/Open | | |
| P0C4A | Hybrid Battery Pack Coolant Pump Control Performance | | |
| P0C4E | Drive Motor "A" Position Exceeded Learning Limit | | |
| P0C4F | Drive Motor "B" Position Exceeded Learning Limit | | |
| P0C52 | Drive Motor "A" Position Sensor Circuit "A" Low | | |
| P0C53 | Drive Motor "A" Position Sensor Circuit "A" High | | |
| P0C57 | Drive Motor "B" Position Sensor Circuit "A" Low | | |
| P0C58 | Drive Motor "B" Position Sensor Circuit "A" High | | |
| P0C5C | Drive Motor "A" Position Sensor Circuit "B" Low | | |
| P0C5D | Drive Motor "A" Position Sensor Circuit "B" High | | |
| P0C61 | Drive Motor "B" Position Sensor Circuit "B" Low | | |
| P0C62 | Drive Motor "B" Position Sensor Circuit "B" High | | |
| P0C76 | Hybrid Battery System Discharge Time Too Long | | |
| P0C77 | Hybrid Battery System Precharge Time Too Short | | |
| P0C78 | Hybrid Battery System Precharge Time Too Long | | |
| P0C7D | Hybrid Battery Temperature Sensor (BTS) "G" Range/Performance | | |
| P0C7E | Hybrid Battery Temperature Sensor (BTS) "G" Circuit Low | | |
| P0C7F | Hybrid Battery Temperature Sensor (BTS) "G" Circuit High | | |
| P0C80 | Hybrid Battery Temperature Sensor (BTS) "G" Circuit Intermittent/Erratic | | |
| P0C82 | Hybrid Battery Temperature Sensor (BTS) "H" Range/Performance | | |
| P0C83 | Hybrid Battery Temperature Sensor (BTS) "H" Circuit Low | | |
| P0C84 | Hybrid Battery Temperature Sensor (BTS) "H" Circuit High | | |
| P0C85 | Hybrid Battery Temperature Sensor (BTS) "H" Circuit Intermittent/Erratic | | |
| P0C89 | ISO/SAE Reserved | | |
| P0C8A | ISO/SAE Reserved | | |
| P0C8B | ISO/SAE Reserved | | |
| P0C8C | ISO/SAE Reserved | | |
| P0C8D | ISO/SAE Reserved | | |
| POC8E | ISO/SAE Reserved | | |
| POC8F | ISO/SAE Reserved | | |
| P0C90 | ISO/SAE Reserved | | |
| P0C91 | ISO/SAE Reserved | | |
| P0C92 P0C93 | ISO/SAE Reserved ISO/SAE Reserved | | |
| P0C93 P0C94 | ISO/SAE Reserved | | |
| P0C94 P0C95 | ISO/SAE Reserved ISO/SAE Reserved | | |
| P0C96 | ISO/SAE Reserved | | |
| P0C97 | ISO/SAE Reserved | | |
| P0C98 | ISO/SAE Reserved | | |
| P0C99 | ISO/SAE Reserved | | |
| P0C9A | ISO/SAE Reserved | | |
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| Codes | |
|----------------|--------------------------------------|
| P0C9B | ISO/SAE Reserved |
| P0C9C | ISO/SAE Reserved |
| P0C9D | ISO/SAE Reserved |
| P0C9E | ISO/SAE Reserved |
| P0C9F | ISO/SAE Reserved |
| POCA0 | ISO/SAE Reserved |
| P0CA1 | ISO/SAE Reserved |
| POCA2 | ISO/SAE Reserved |
| POCA3 | ISO/SAE Reserved |
| P0CA4 | ISO/SAE Reserved |
| POCA5 | ISO/SAE Reserved |
| POCA6 | ISO/SAE Reserved |
| POCA7 | ISO/SAE Reserved |
| POCA8 | ISO/SAE Reserved |
| POCA9 | ISO/SAE Reserved |
| POCAA | ISO/SAE Reserved |
| POCAB | ISO/SAE Reserved |
| POCAC | ISO/SAE Reserved |
| POCAD | ISO/SAE Reserved |
| POCAE | ISO/SAE Reserved |
| POCAF | ISO/SAE Reserved |
| POCB0 | ISO/SAE Reserved |
| POCB1 | ISO/SAE Reserved |
| POCB2 | ISO/SAE Reserved |
| POCB3 | ISO/SAE Reserved |
| POCB4 | ISO/SAE Reserved |
| POCB5 | ISO/SAE Reserved |
| POCB6 | ISO/SAE Reserved |
| POCB7 | ISO/SAE Reserved |
| POCB8 | ISO/SAE Reserved |
| POCB9 | ISO/SAE Reserved |
| POCBA | ISO/SAE Reserved |
| POCBB POCBC | ISO/SAE Reserved |
| POCBD | ISO/SAE Reserved ISO/SAE Reserved |
| POCBE | ISO/SAE Reserved |
| POCBE | ISO/SAE Reserved |
| POCCO | ISO/SAE Reserved |
| POCC1 | ISO/SAE Reserved |
| POCC2 | ISO/SAE Reserved |
| POCC3 | ISO/SAE Reserved |
| POCC4 | ISO/SAE Reserved |
| POCC5 | ISO/SAE Reserved |
| POCC6 | ISO/SAE Reserved |
| 10000 | 100/0/11 1(0361 Veu |

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| Codes | |
|----------------|--------------------------------------|
| P0CC7 | ISO/SAE Reserved |
| P0CC8 | ISO/SAE Reserved |
| P0CC9 | ISO/SAE Reserved |
| POCCA | ISO/SAE Reserved |
| POCCB | ISO/SAE Reserved |
| POCCC | ISO/SAE Reserved |
| POCCD | ISO/SAE Reserved |
| POCCE | ISO/SAE Reserved |
| POCCF | ISO/SAE Reserved |
| P0CD0 | ISO/SAE Reserved |
| P0CD1 | ISO/SAE Reserved |
| P0CD2 | ISO/SAE Reserved |
| POCD3 | ISO/SAE Reserved |
| P0CD4 | ISO/SAE Reserved |
| P0CD5 | ISO/SAE Reserved |
| P0CD6 | ISO/SAE Reserved |
| P0CD7 | ISO/SAE Reserved |
| POCD8 | ISO/SAE Reserved |
| POCD9 | ISO/SAE Reserved |
| POCDA | ISO/SAE Reserved |
| POCDB | ISO/SAE Reserved |
| POCDC | ISO/SAE Reserved |
| POCDD | ISO/SAE Reserved |
| POCDE | ISO/SAE Reserved |
| POCDF | ISO/SAE Reserved |
| POCE0 | ISO/SAE Reserved |
| POCE1 | ISO/SAE Reserved |
| POCE2 | ISO/SAE Reserved |
| POCE3 | ISO/SAE Reserved |
| POCE4 | ISO/SAE Reserved |
| POCE5 | ISO/SAE Reserved |
| POCE6 POCE7 | ISO/SAE Reserved ISO/SAE Reserved |
| POCE7 POCE8 | ISO/SAE Reserved |
| POCE9 | ISO/SAE Reserved |
| POCEA | ISO/SAE Reserved |
| POCEB | ISO/SAE Reserved |
| POCEC | ISO/SAE Reserved |
| POCED | ISO/SAE Reserved |
| POCEE | ISO/SAE Reserved |
| POCEF | ISO/SAE Reserved |
| POCFO | ISO/SAE Reserved |
| POCF1 | ISO/SAE Reserved |
| POCF2 | ISO/SAE Reserved |
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| Codes | Definition | |
|--------------|--|--|
| P0CF3 | ISO/SAE Reserved | |
| P0CF4 | ISO/SAE Reserved | |
| P0CF5 | ISO/SAE Reserved | |
| POCF6 | ISO/SAE Reserved | |
| P0CF7 | ISO/SAE Reserved | |
| POCF8 | ISO/SAE Reserved | |
| POCF9 | ISO/SAE Reserved | |
| POCFA | ISO/SAE Reserved | |
| POCFB | ISO/SAE Reserved | |
| POCFC | ISO/SAE Reserved | |
| POCFD | ISO/SAE Reserved | |
| POCFE | ISO/SAE Reserved | |
| POCFF | ISO/SAE Reserved | |
| P0D00 | ISO/SAE Reserved | |
| P0E00 | ISO/SAE Reserved | |
| P0F00 | ISO/SAE Reserved | |
| P2002 | Diesel Particulate Filter Efficiency Below Threshold Bank 1 | |
| P200C | Diesel Particulate Filter Over Temperature Bank 1 | |
| P200E | Catalyst System Over Temperature Bank 1 | |
| P201B | ISO/SAE Reserved | |
| P201C | ISO/SAE Reserved | |
| P201D | ISO/SAE Reserved | |
| P201E | ISO/SAE Reserved | |
| P201F | ISO/SAE Reserved | |
| P2025 | Evaporative Emissions (EVAP) Fuel Vapor Temperature Sensor Range | |
| P2026 | Evaporative Emissions (EVAP) Fuel Vapor Temperature Sensor Circuit Low Voltage | |
| P2027 | Evaporative Emissions (EVAP) Fuel Vapor Temperature Sensor Circuit High Voltage | |
| P2028 | Evaporative Emissions (EVAP) Fuel Vapor Temperature Sensor Circuit Intermittent | |
| P2029 | Fuel Fired Heater Disabled | |
| P202E | Reductant Injection Valve Circuit Range/Performance Bank 1 Unit 1 | |
| P2031 | Exhaust Gas Temperature EGT Sensor Circuit Bank 1 Sensor 2 | |
| P2032 | Exhaust Gas Temperature EGT Sensor Circuit Low Bank 1 Sensor 2 | |
| P2033 | Exhaust Gas Temperature EGT Sensor Circuit High Bank 1 Sensor 2 | |
| P2034 | Exhaust Gas Temperature EGT Sensor Circuit Low Bank 2 Sensor 2 | |
| P2035 | Exhaust Gas Temperature EGT Sensor Circuit Low Bank 2 Sensor 2 | |



| Codes | Definition | |
|-------|--|--|
| P2036 | Exhaust Gas Temperature EGT Sensor Circuit High Bank 2 Sensor 2 | |
| P2037 | Reductant Injection Air Pressure Sensor A Circuit | |
| P2038 | Reductant Injection Air Pressure Sensor A Circuit Range/Performance | |
| P2039 | Reductant Injection Air Pressure Sensor A Circuit Low | |
| P203B | Reductant Level Sensor Circuit Range/Performance | |
| P203C | Reductant Level Sensor Circuit Low | |
| P203D | Reductant Level Sensor Circuit High | |
| P2040 | Reductant Injection Air Pressure Sensor A Circuit High | |
| P2041 | Reductant Injection Air Pressure Sensor A Circuit Intermittent | |
| P2047 | Reductant Injection Valve Circuit/Open Bank 1 Unit 1 | |
| P2048 | Reductant Injection Valve Circuit Low Bank 1 Unit 1 | |
| P2049 | Reductant Injection Valve Circuit High Bank 1 Unit 1 | |
| P204A | Reductant Pressure Sensor Circuit | |
| P204B | Reductant Pressure Sensor Circuit Range/Performance | |
| P204C | Reductant Pressure Sensor Circuit Low | |
| P204D | Reductant Pressure Sensor Circuit High | |
| P204E | Reductant Pressure Sensor Circuit Intermittent/Erratic | |
| P204F | Reductant System Performance Bank 1 | |
| P2050 | Reductant Injection Valve Circuit/Open Bank 2 Unit 1 | |
| P2051 | Reductant Injection Valve Circuit Low Bank 2 Unit 1 | |
| P2052 | Reductant Injection Valve Circuit High Bank 2 Unit 1 | |
| P2053 | Reductant Injection Valve Circuit/Open Bank 1 Unit 2 | |
| P2054 | Reductant Injection Valve Circuit Low Bank 1 Unit 2 | |
| P2055 | Reductant Injection Valve Circuit High Bank 1 Unit 2 | |
| P2056 | Reductant Injection Valve Circuit/Open Bank 2 Unit 2 | |
| P2057 | Reductant Injection Valve Circuit Low Bank 2 Unit 2 | |
| P2058 | Reductant Injection Valve Circuit High Bank 2 Unit 2 | |
| P205A | Reductant Tank Temperature Sensor Circuit | |
| P205B | Reductant Tank Temperature Sensor Circuit Range/Performance | |
| P205C | Reductant Tank Temperature Sensor Circuit Low | |
| P205D | Reductant Tank Temperature Sensor Circuit High | |
| P205E | Reductant Tank Temperature Sensor Circuit Intermittent | |
| P205F | Reductant System Performance Bank 2 | |
| P2066 | Fuel Level Sensor "B" Circuit Range/Performance | |
| P2067 | Fuel Level Sensor "B" Circuit Low Input | |
| P2068 | Fuel Level Sensor "B" Circuit High Input | |
| P206B | Reductant Quality Sensor Circuit Performance | |
| P206C | Reductant Quality Sensor Circuit Low Voltage | |
| P206D | Reductant Quality Sensor Circuit High Voltage | |
| P2070 | Intake Manifold Tuning (IMT) Valve Stuck Open Bank 1 | |
| P2071 | Intake Manifold Tuning (IMT) Valve Stuck Closed Bank 1 | |



| Codes | Definition | |
|----------------|--|--|
| P2076 | Intake Manifold Tuning (IMT) Valve Position Sensor/Switch Circuit Range/Performance | |
| P2077 | Intake Manifold Tuning (IMT) Valve Position Sensor/Switch Circuit Low | |
| P2078 | Intake Manifold Tuning (IMT) Valve Position Sensor/Switch Circuit High | |
| P207F | Reductant Quality Performance | |
| P2080 | Exhaust Gas Temperature EGT Sensor Circuit Range/Performance Bank 1 Sensor 1 | |
| P2081 | Exhaust Gas Temperature EGT Sensor Circuit Intermittent Bank 1 Sensor 1 | |
| P2082 | Exhaust Gas Temperature EGT Sensor Circuit Range/Performance Bank 2 Sensor 1 | |
| P2083 | Exhaust Gas Temperature EGT Sensor Circuit Intermittent Bank 2 Sensor 1 | |
| P2084 | Exhaust Gas Temperature EGT Sensor Circuit Range/Performance Bank 1 Sensor 2 | |
| P2085 | Exhaust Gas Temperature EGT Sensor Circuit Intermittent Bank 1 Sensor 2 | |
| P2086 | Exhaust Gas Temperature EGT Sensor Circuit Range/Performance Bank 2 Sensor 2 | |
| P2087 | Exhaust Gas Temperature EGT Sensor Circuit Intermittent Bank 2 Sensor 2 | |
| P2088 | A Camshaft Position Actuator Control Circuit Low Bank 1 | |
| P2089 | A Camshaft Position Actuator Control Circuit High Bank 1 | |
| P208A P208B | Reductant Pump Control Circuit/Open Reductant Pump Control Range/Performance | |
| P208C | Reductant Pump Control Circuit Low | |
| P208D | Reductant Pump Control Circuit High | |
| P208E | Reductant Injection Valve Stuck Closed Bank 1 Unit 1 | |
| P208F | Reductant Injection Valve Stuck Closed | |
| P2090 | B Camshaft Position Actuator Control Circuit Low Bank 1 | |
| P2091 | B Camshaft Position Actuator Control Circuit High Bank 1 | |
| P2092 | A Camshaft Position Actuator Control Circuit Low Bank 2 | |
| P2093 | A Camshaft Position Actuator Control Circuit High Bank 2 | |
| P2094 | B Camshaft Position Actuator Control Circuit Low Bank 2 | |
| P2095 | B Camshaft Position Actuator Control Circuit High Bank 2 | |
| P2096 | Post Catalyst Fuel Trim System Too Lean Bank 1 | |
| P2097 | Post Catalyst Fuel Trim System Too Rich Bank 1 | |
| P2098 | Post Catalyst Fuel Trim System Too Lean Bank 2 | |
| P2099 | Post Catalyst Fuel Trim System Too Rich Bank 2 | |
| P209A | Reductant Injection Air Pressure Sensor B Circuit | |
| P209B | Reductant Injection Air Pressure Sensor B Circuit Range/Performance | |
| P209C | Reductant Injection Air Pressure Sensor B Circuit Low | |
| P209D | Reductant Injection Air Pressure Sensor B Circuit High | |



| Codes | Definition | |
|--------------|---|--|
| P209E | Reductant Injection Air Pressure Sensor A/B Correlation | |
| P20A0 | Reductant Purge Control Valve Circuit /Open | |
| P20A1 | Reductant Purge Control Valve Performance | |
| P20A2 | Reductant Purge Control Valve Circuit Low | |
| P20A3 | Reductant Purge Control Valve Circuit High | |
| P20B9 | Reductant Heater A Control Circuit/Open | |
| P20BA | Reductant Heater A Control Circuit Performance | |
| P20BB | Reductant Heater A Control Circuit Low | |
| P20BC | Reductant Heater A Control Circuit High | |
| P20BD | Reductant Heater B Control Circuit/Open | |
| P20BE | Reductant Heater B Control Circuit Performance | |
| P20BF | Reductant Heater B Control Circuit Low | |
| P20C0 | Reductant Heater B Control Circuit High | |
| P20C1 | Reductant Heater C Control Circuit/Open | |
| P20C2 | Reductant Heater C Control Circuit Performance | |
| P20C3 | Reductant Heater C Control Circuit Low | |
| P20C4 | Reductant Heater C Control Circuit High | |
| P20C5 | Reductant Heater D Control Circuit/Open | |
| P20C6 | Reductant Heater D Control Circuit Performance | |
| P20C7 | Reductant Heater D Control Circuit Low | |
| P20C8 | Reductant Heater D Control Circuit High | |
| P20CB | Exhaust Aftertreatment Fuel Injector A Control Circuit/Open | |
| P20CD | Exhaust Aftertreatment Fuel Injector A Control Circuit Low | |
| P20CE | Exhaust Aftertreatment Fuel Injector A Control Circuit High | |
| P20E2 | Exhaust Gas Temperature Sensor 1/2 Correlation Bank 1 | |
| P20E3 | Exhaust Gas Temperature Sensor 1/3 Correlation Bank 1 | |
| P20E4 | Exhaust Gas Temperature Sensor 2/3 Correlation Bank 1 | |
| P20E5 | Exhaust Gas Temperature Sensor 1/2 Correlation Bank 2 | |
| P20E8 | Reductant Pressure Too Low | |
| P20E9 | Reductant Pressure Too High | |
| P20EE | SCR NOx Catalyst Efficiency Below Threshold Bank 1 | |
| P20F8 | ISO/SAE Reserved | |
| P20F9 | ISO/SAE Reserved | |
| P20FA | ISO/SAE Reserved | |
| P20FB | ISO/SAE Reserved | |
| P20FC | ISO/SAE Reserved | |
| P20FD | ISO/SAE Reserved | |
| P20FE | ISO/SAE Reserved | |
| P20FF | ISO/SAE Reserved | |
| P2100 | Throttle Actuator A Control Motor Circuit Open | |
| P2101 | Throttle Actuator A Control Motor Circuit Range Performance | |
| P2102 | Throttle Actuator A Control Motor Circuit Low | |
| P2103 | Throttle Actuator A Control Motor Circuit High | |
| P2104 | Throttle Actuator Control System - Forced Idle | |



| Codes | Definition | |
|-------|--|--|
| P2105 | Throttle Actuator Control System - Forced Engine Shutdown | |
| P2106 | Throttle Actuator Control System - Forced Limited Power | |
| P2107 | Throttle Actuator Control Module Processor | |
| P2108 | Throttle Actuator Control Module Performance | |
| P210F | ISO/SAE Reserved | |
| P2110 | Throttle Actuator Control System - Forced Limited RPM | |
| P2118 | Throttle Actuator Control Motor Current Range/Performance | |
| P2119 | Throttle Actuator Control Throttle Body Range/Performance | |
| P211A | ISO/SAE Reserved | |
| P211B | ISO/SAE Reserved | |
| P211C | ISO/SAE Reserved | |
| P211D | ISO/SAE Reserved | |
| P211E | ISO/SAE Reserved | |
| P211F | ISO/SAE Reserved | |
| P2120 | Throttle/Pedal Position Sensor/Switch "D" Circuit Malfunction | |
| P2121 | Throttle/Pedal Position Sensor/Switch "D" Circuit Range/Performance | |
| P2122 | Throttle/Pedal Position Sensor/Switch "D" Circuit Low Input | |
| P2123 | Throttle/Pedal Position Sensor/Switch "D" Circuit High Input | |
| P2125 | Throttle/Pedal Position Sensor/Switch "E" Circuit Malfunction | |
| P2127 | Throttle/Pedal Position Sensor/Switch "E" Circuit Low Input | |
| P2128 | Throttle/Pedal Position Sensor/Switch "E" Circuit High Input | |
| P2129 | Throttle/Pedal Position Sensor/Switch "E" Circuit Intermittent | |
| P212A | Throttle Position Sensor/Switch "G" Circuit Malfunction | |
| P212B | Throttle Position Sensor/Switch "G" Circuit Range/Performance | |
| P212C | Throttle/Pedal Position Sensor/Switch "G" Circuit Low Input | |
| P212E | Throttle Position Sensor/Switch "G" Circuit Intermittent | |
| P212F | ISO/SAE Reserved | |
| P2132 | Throttle/Pedal Position Sensor/Switch "D" Circuit Low Input | |
| P2133 | Throttle/Pedal Position Sensor/Switch "F" Circuit High Input | |
| P2135 | Throttle/Pedal Pos Sensor/Switch A / B Voltage Correlation | |
| P2137 | Throttle/Pedal Pos Sensor/Switch B / C Voltage Correlation | |
| P2138 | Throttle/Pedal Pos Sensor/Switch D / E Voltage Correlation | |
| P2139 | Throttle/Pedal Pos Sensor/Switch D / F Voltage Correlation | |
| P213B | Exhaust Gas Recirculation Throttle Position Control Circuit "B" Range/Performance | |
| P213E | Fuel Injection System Fault - Forced Engine Shutdown | |
| P2140 | Throttle/Pedal Pos Sensor/Switch E / F Voltage Correlation | |
| P2141 | Exhaust Gas Recirculation Throttle Position Control Circuit "A" Low | |
| P2142 | Exhaust Gas Recirculation Throttle Position Control Circuit "A" High | |
| P2144 | Exhaust Gas Recirculation Vent Control Circuit Low | |
| P2145 | Exhaust Gas Recirculation Vent Control Circuit High | |
| P2146 | Fuel Injector Group A Circuit/Open | |



| Codes | Definition | |
|-------|--|--|
| P2147 | Fuel Injector Group A Circuit Low | |
| P2148 | Fuel Injector Group A Circuit High | |
| P2149 | Fuel Injector Group B Circuit/Open | |
| P214A | ISO/SAE Reserved | |
| P214B | ISO/SAE Reserved | |
| P214C | ISO/SAE Reserved | |
| P214D | ISO/SAE Reserved | |
| P214E | ISO/SAE Reserved | |
| P214F | ISO/SAE Reserved | |
| P2150 | Fuel Injector Group B Circuit Low | |
| P2151 | Fuel Injector Group B Circuit High | |
| P2152 | Fuel Injector Group C Circuit/Open | |
| P2153 | Fuel Injector Group C Circuit Low | |
| P2154 | Fuel Injector Group C Circuit High | |
| P2155 | Fuel Injector Group D Circuit/Open | |
| P2156 | Fuel Injector Group D Circuit Low | |
| P2157 | Fuel Injector Group D Circuit High | |
| P2158 | Vehicle Speed Sensor "B" Malfunction | |
| P2159 | Vehicle Speed Sensor "B" Range/Performance | |
| P215B | Vehicle Speed - Output Shaft Speed Correlation | |
| P215C | Output Shaft Speed - Wheel Speed Correlation | |
| P215D | ISO/SAE Reserved | |
| P215E | ISO/SAE Reserved | |
| P215F | ISO/SAE Reserved | |
| P2160 | Vehicle Speed Sensor "B" Low Input | |
| P2161 | Vehicle Speed Sensor "B" Intermittent / Erratic / High | |
| P2162 | Output Speed Sensor A/B Correlation | |
| P216A | Fuel Injector Group E Circuit/Open | |
| P216B | Fuel Injector Group E Circuit Low | |
| P216C | Fuel Injector Group E Circuit High | |
| P216D | Fuel Injector Group F Circuit/Open | |
| P216E | Fuel Injector Group F Circuit Low | |
| P216F | Fuel Injector Group F Circuit High | |
| P2176 | Throttle Actuator Control System - Idle Position Not Learned | |
| P2177 | System Too Lean Off Idle Bank 1 | |
| P2178 | System Too Rich Off Idle Bank 1 | |
| P2179 | System Too Lean Off Idle Bank 2 | |
| P217A | Fuel Injector Group G Circuit/Open | |
| P217B | Fuel Injector Group G Circuit Low | |
| P217C | Fuel Injector Group G Circuit High | |
| P217D | Fuel Injector Group H Circuit/Open | |
| P217E | Fuel Injector Group H Circuit Low | |
| P217F | Fuel Injector Group H Circuit High | |
| P2180 | System Too Rich Off Idle Bank 2 | |



| Codes | Definition | |
|----------------|--|--|
| P2181 | Cooling System Performance | |
| P2187 | System Too Lean at Idle (Bank 1) | |
| P2188 | System Too Rich Off Idle Bank 1 | |
| P2189 | System Too Lean at Idle (Bank 2) | |
| P218A | ISO/SAE Reserved | |
| P218B | ISO/SAE Reserved | |
| P218C | ISO/SAE Reserved | |
| P218D | ISO/SAE Reserved | |
| P218E | ISO/SAE Reserved | |
| P218F | ISO/SAE Reserved | |
| P2190 | System Too Rich Off Idle Bank 2 | |
| P2195 | O2 A/F Sensor Signal Biased/Stuck Lean (Bank 1 Sensor 1) | |
| P2196 | O2 A/F Sensor Signal Biased/Stuck Rich (Bank 1 Sensor 1) | |
| P2199 | Intake Air Temperature Sensor 1/2 Correlation | |
| P219A | Bank 1 Air/Fuel Ratio Imbalance | |
| P219B | Bank 2 Air/Fuel Ratio Imbalance | |
| P21A0 | ISO/SAE Reserved | |
| P21A1 | ISO/SAE Reserved | |
| P21A2 | ISO/SAE Reserved | |
| P21A3 | ISO/SAE Reserved | |
| P21A4 | ISO/SAE Reserved | |
| P21A5 | ISO/SAE Reserved | |
| P21A6 | ISO/SAE Reserved | |
| P21A7 | ISO/SAE Reserved | |
| P21A8 | ISO/SAE Reserved | |
| P21A9 | ISO/SAE Reserved | |
| P21AA | ISO/SAE Reserved | |
| P21AB | ISO/SAE Reserved | |
| P21AC | ISO/SAE Reserved | |
| P21AD | ISO/SAE Reserved | |
| P21AE | ISO/SAE Reserved | |
| P21AF | ISO/SAE Reserved | |
| P21B0 | ISO/SAE Reserved | |
| P21B1 P21B2 | ISO/SAE Reserved | |
| | ISO/SAE Reserved | |
| P21B3 | ISO/SAE Reserved | |
| P21B4 P21B5 | ISO/SAE Reserved ISO/SAE Reserved | |
| P21B5 P21B6 | ISO/SAE Reserved | |
| P21B0 P21B7 | ISO/SAE Reserved | |
| P21B7 P21B8 | ISO/SAE Reserved | |
| P21B0 P21B9 | ISO/SAE Reserved | |
| P21B9 P21BA | ISO/SAE Reserved | |
| P21BA P21BB | ISO/SAE Reserved | |
| r41DD | 130/3AE RESERVED | |



| Codes | |
|----------------|--------------------------------------|
| P21BC | ISO/SAE Reserved |
| P21BD | ISO/SAE Reserved |
| P21BE | ISO/SAE Reserved |
| P21BF | ISO/SAE Reserved |
| P21C0 | ISO/SAE Reserved |
| P21C1 | ISO/SAE Reserved |
| P21C2 | ISO/SAE Reserved |
| P21C3 | ISO/SAE Reserved |
| P21C4 | ISO/SAE Reserved |
| P21C5 | ISO/SAE Reserved |
| P21C6 | ISO/SAE Reserved |
| P21C7 | ISO/SAE Reserved |
| P21C8 | ISO/SAE Reserved |
| P21C9 | ISO/SAE Reserved |
| P21CA | ISO/SAE Reserved |
| P21CB | ISO/SAE Reserved |
| P21CC | ISO/SAE Reserved |
| P21CD | ISO/SAE Reserved |
| P21CE | ISO/SAE Reserved |
| P21CF | ISO/SAE Reserved |
| P21D0 | ISO/SAE Reserved |
| P21D1 | ISO/SAE Reserved |
| P21D2 | ISO/SAE Reserved |
| P21D3 | ISO/SAE Reserved |
| P21D4 | ISO/SAE Reserved |
| P21D5 | ISO/SAE Reserved |
| P21D6 | ISO/SAE Reserved ISO/SAE Reserved |
| P21D7 P21D8 | |
| P21D8 P21D9 | ISO/SAE Reserved ISO/SAE Reserved |
| P21D9 P21DA | ISO/SAE Reserved |
| P21DA P21DB | ISO/SAE Reserved |
| P21DC | ISO/SAE Reserved |
| P21DD | ISO/SAE Reserved |
| P21DE | ISO/SAE Reserved |
| P21DF | ISO/SAE Reserved |
| P21E0 | ISO/SAE Reserved |
| P21E1 | ISO/SAE Reserved |
| P21E2 | ISO/SAE Reserved |
| P21E3 | ISO/SAE Reserved |
| P21E4 | ISO/SAE Reserved |
| P21E5 | ISO/SAE Reserved |
| P21E6 | ISO/SAE Reserved |
| P21E7 | ISO/SAE Reserved |
| | |

| Codes | Definition |
|-------|--|
| P21E8 | ISO/SAE Reserved |
| P21E9 | ISO/SAE Reserved |
| P21EA | ISO/SAE Reserved |
| P21EB | ISO/SAE Reserved |
| P21EC | ISO/SAE Reserved |
| P21ED | ISO/SAE Reserved |
| P21EE | ISO/SAE Reserved |
| P21EF | ISO/SAE Reserved |
| P21F0 | ISO/SAE Reserved |
| P21F1 | ISO/SAE Reserved |
| P21F2 | ISO/SAE Reserved |
| P21F3 | ISO/SAE Reserved |
| P21F4 | ISO/SAE Reserved |
| P21F5 | ISO/SAE Reserved |
| P21F6 | ISO/SAE Reserved |
| P21F7 | ISO/SAE Reserved |
| P21F8 | ISO/SAE Reserved |
| P21F9 | ISO/SAE Reserved |
| P21FA | ISO/SAE Reserved |
| P21FB | ISO/SAE Reserved |
| P21FC | ISO/SAE Reserved |
| P21FD | ISO/SAE Reserved |
| P21FE | ISO/SAE Reserved |
| P21FF | ISO/SAE Reserved |
| P2200 | NOx Sensor Circuit Bank 1 |
| P2201 | NOx Sensor Circuit Range/Performance Bank 1 |
| P2202 | NOx Sensor Circuit Low Bank 1 |
| P2203 | NOx Sensor Circuit High Bank 1 |
| P2204 | NOx Sensor Circuit Intermittent Bank 1 |
| P2205 | NOx Sensor Heater Control Circuit/Open Bank 1 |
| P2206 | NOx Sensor Heater Control Circuit Low Bank 1 |
| P2207 | NOx Sensor Heater Control Circuit High Bank 1 |
| P2208 | NOx Sensor Heater Sense Circuit Bank 1 |
| P2209 | NOx Sensor Heater Sense Circuit Range/Performance Bank 1 |
| P220A | ISO/SAE Reserved |
| P220B | ISO/SAE Reserved |
| P220C | ISO/SAE Reserved |
| P220D | ISO/SAE Reserved |
| P220E | ISO/SAE Reserved |
| P220F | ISO/SAE Reserved |
| P2210 | NOx Sensor Heater Sense Circuit Low Bank 1 |
| P2211 | NOx Sensor Heater Sense Circuit High Bank 1 |
| P2212 | NOx Sensor Heater Sense Circuit Intermittent Bank 1 |
| P2213 | NOx Sensor Circuit Bank 2 |



| Codes | Definition | |
|-------|---|--|
| P2214 | NOx Sensor Circuit Range/Performance Bank 2 | |
| P2215 | NOx Sensor Circuit Low Bank 2 | |
| P2216 | NOx Sensor Circuit High Bank 2 | |
| P2217 | NOx Sensor Circuit Intermittent Bank 2 | |
| P2218 | NOx Sensor Heater Control Circuit/Open Bank 2 | |
| P2219 | NOx Sensor Heater Control Circuit Low Bank 2 | |
| P221A | ISO/SAE Reserved | |
| P221B | ISO/SAE Reserved | |
| P221C | ISO/SAE Reserved | |
| P221D | ISO/SAE Reserved | |
| P221E | ISO/SAE Reserved | |
| P221F | ISO/SAE Reserved | |
| P2220 | NOx Sensor Heater Control Circuit High Bank 2 | |
| P2221 | NOx Sensor Heater Sense Circuit Bank 2 | |
| P2222 | NOx Sensor Heater Sense Circuit Range/Performance Bank 2 | |
| P2223 | NOx Sensor Heater Sense Circuit Low Bank 2 | |
| P2224 | NOx Sensor Heater Sense Circuit High Bank 2 | |
| P2225 | NOx Sensor Heater Sense Circuit Intermittent Bank 2 | |
| P2227 | Barometric Pressure Sensor A Range/Performance | |
| P2228 | Barometric Pressure Sensor A Low | |
| P2229 | Barometric Pressure Sensor A High | |
| P222A | Barometric Pressure Sensor B | |
| P222E | Barometric Pressure Sensor B Intermittent/Erratic | |
| P2230 | Barometric Pressure Sensor A Intermittent/Erratic | |
| P2232 | O2 Sensor Signal Circuit Shorted to Heater Circuit Bank 1 Sensor 2 | |
| P2235 | O2 Sensor Signal Circuit Shorted to Heater Circuit Bank 2 Sensor 2 | |
| P223A | ISO/SAE Reserved | |
| P223B | ISO/SAE Reserved | |
| P223C | ISO/SAE Reserved | |
| P223D | ISO/SAE Reserved | |
| P223E | ISO/SAE Reserved | |
| P223F | ISO/SAE Reserved | |
| P224A | ISO/SAE Reserved | |
| P224B | ISO/SAE Reserved | |
| P224C | ISO/SAE Reserved | |
| P224D | ISO/SAE Reserved | |
| P224E | ISO/SAE Reserved | |
| P224F | ISO/SAE Reserved | |
| P225A | ISO/SAE Reserved | |
| P225B | ISO/SAE Reserved | |
| P225C | ISO/SAE Reserved | |
| P225D | ISO/SAE Reserved | |



| Codes | Definition | |
|----------------|--|--|
| P225E | ISO/SAE Reserved | |
| P225F | ISO/SAE Reserved | |
| P2261 | Turbocharger/Supercharger Bypass Valve - Mechanical | |
| P2263 | Turbocharger/Supercharger Boost System Performance | |
| P2264 | Water in Fuel Sensor Circuit | |
| P2266 | Water in Fuel Sensor Circuit Low | |
| P2269 | Water in Fuel Sensor Condition | |
| P226B | Turbocharger/Supercharger Boost Pressure Too High - Mechanical | |
| P226C | ISO/SAE Reserved | |
| P226D | ISO/SAE Reserved | |
| P226E | ISO/SAE Reserved | |
| P226F | ISO/SAE Reserved | |
| P2270 | O2 Sensor Signal Biased/Stuck Lean Bank 1 Sensor 2 | |
| P2271 | O2 Sensor Signal Biased/Stuck Rich Bank 1 Sensor 2 | |
| P2272 | O2 Sensor Signal Stuck Lean Bank 2 Sensor 2 | |
| P2273 | O2 Sensor Signal Biased/Stuck Rich Bank 2 Sensor 2 | |
| P2279 | Intake Air System Leak | |
| P227A | ISO/SAE Reserved | |
| P227B P227C | ISO/SAE Reserved | |
| P227C P227D | ISO/SAE Reserved | |
| P227D P227E | ISO/SAE Reserved ISO/SAE Reserved | |
| P227F | ISO/SAE Reserved | |
| P2282 | Air Leak Between Throttle Body and Intake Valves | |
| P228A | Fuel Pressure Regulator 1 - Forced Engine Shutdown | |
| P228B | Fuel Pressure Regulator 2 - Forced Engine Shutdown | |
| | Fuel Pressure Regulator 1 Exceeded Control Limits - Pressure | |
| P228C | Too Low | |
| P228D | Fuel Pressure Regulator 1 Exceeded Control Limits - Pressure Too High | |
| P2293 | Fuel Pressure Regulator 2 Performance | |
| P2294 | Fuel Pressure Regulator 2 Control Circuit Open | |
| P2295 | Fuel Pressure Regulator 2 Control Circuit Low | |
| P2296 | Fuel Pressure Regulator 2 Control Circuit High | |
| P2297 | O2 Sensor Out of Range During Deceleration Bank 1 Sensor 1 | |
| P229A | Fuel Pressure Regulator 2 Exceeded Control Limits - Pressure Too Low | |
| P229B | Fuel Pressure Regulator 2 Exceeded Control Limits - Pressure Too High | |
| P229C | Fuel Pressure Regulator 2 Exceeded Learning Limits - Too Low | |
| P229D | Fuel Pressure Regulator 2 Exceeded Control Limits - Too High | |
| P229E | ISO/SAE Reserved | |
| P229F | ISO/SAE Reserved | |
| P22A0 | ISO/SAE Reserved | |



| Codes | |
|----------------|--------------------------------------|
| P22A1 | ISO/SAE Reserved |
| P22A2 | ISO/SAE Reserved |
| P22A3 | ISO/SAE Reserved |
| P22A4 | ISO/SAE Reserved |
| P22A5 | ISO/SAE Reserved |
| P22A6 | ISO/SAE Reserved |
| P22A7 | ISO/SAE Reserved |
| P22A8 | ISO/SAE Reserved |
| P22A9 | ISO/SAE Reserved |
| P22AA | ISO/SAE Reserved |
| P22AB | ISO/SAE Reserved |
| P22AC | ISO/SAE Reserved |
| P22AD | ISO/SAE Reserved |
| P22AE | ISO/SAE Reserved |
| P22AF | ISO/SAE Reserved |
| P22B0 | ISO/SAE Reserved |
| P22B1 | ISO/SAE Reserved |
| P22B2 | ISO/SAE Reserved |
| P22B3 | ISO/SAE Reserved |
| P22B4 | ISO/SAE Reserved |
| P22B5 | ISO/SAE Reserved |
| P22B6 | ISO/SAE Reserved |
| P22B7 | ISO/SAE Reserved |
| P22B8 | ISO/SAE Reserved |
| P22B9 | ISO/SAE Reserved |
| P22BA | ISO/SAE Reserved |
| P22BB | ISO/SAE Reserved |
| P22BC | ISO/SAE Reserved |
| P22BD | ISO/SAE Reserved |
| P22BE P22BF | ISO/SAE Reserved |
| P22DF P22C0 | ISO/SAE Reserved ISO/SAE Reserved |
| P22C0 P22C1 | ISO/SAE Reserved |
| P22C1 P22C2 | ISO/SAE Reserved |
| P22C3 | ISO/SAE Reserved |
| P22C4 | ISO/SAE Reserved |
| P22C5 | ISO/SAE Reserved |
| P22C6 | ISO/SAE Reserved |
| P22C7 | ISO/SAE Reserved |
| P22C8 | ISO/SAE Reserved |
| P22C9 | ISO/SAE Reserved |
| P22CA | ISO/SAE Reserved |
| P22CB | ISO/SAE Reserved |
| P22CC | ISO/SAE Reserved |
| . – | |

DBDCodeX

| Codes | |
|--------------|------------------|
| P22CD | ISO/SAE Reserved |
| P22CE | ISO/SAE Reserved |
| P22CF | ISO/SAE Reserved |
| P22D0 | ISO/SAE Reserved |
| P22D1 | ISO/SAE Reserved |
| P22D2 | ISO/SAE Reserved |
| P22D3 | ISO/SAE Reserved |
| P22D4 | ISO/SAE Reserved |
| P22D5 | ISO/SAE Reserved |
| P22D6 | ISO/SAE Reserved |
| P22D7 | ISO/SAE Reserved |
| P22D8 | ISO/SAE Reserved |
| P22D9 | ISO/SAE Reserved |
| P22DA | ISO/SAE Reserved |
| P22DB | ISO/SAE Reserved |
| P22DC | ISO/SAE Reserved |
| P22DD | ISO/SAE Reserved |
| P22DE | ISO/SAE Reserved |
| P22DF | ISO/SAE Reserved |
| P22E0 | ISO/SAE Reserved |
| P22E1 | ISO/SAE Reserved |
| P22E2 | ISO/SAE Reserved |
| P22E3 | ISO/SAE Reserved |
| P22E4 | ISO/SAE Reserved |
| P22E5 | ISO/SAE Reserved |
| P22E6 | ISO/SAE Reserved |
| P22E7 | ISO/SAE Reserved |
| P22E8 | ISO/SAE Reserved |
| P22E9 | ISO/SAE Reserved |
| P22EA | ISO/SAE Reserved |
| P22EB | ISO/SAE Reserved |
| P22EC | ISO/SAE Reserved |
| P22ED | ISO/SAE Reserved |
| P22EE | ISO/SAE Reserved |
| P22EF | ISO/SAE Reserved |
| P22F0 | ISO/SAE Reserved |
| P22F1 | ISO/SAE Reserved |
| P22F2 | ISO/SAE Reserved |
| P22F3 | ISO/SAE Reserved |
| P22F4 | ISO/SAE Reserved |
| P22F5 | ISO/SAE Reserved |
| P22F6 | ISO/SAE Reserved |
| P22F7 | ISO/SAE Reserved |

ISO/SAE Reserved



P22F8

| Codes | Definition |
|-------|--|
| P22F9 | ISO/SAE Reserved |
| P22FA | ISO/SAE Reserved |
| P22FB | ISO/SAE Reserved |
| P22FC | ISO/SAE Reserved |
| P22FD | ISO/SAE Reserved |
| P22FE | ISO/SAE Reserved |
| P22FF | ISO/SAE Reserved |
| P2300 | Ignition Coil A Primary Control Circuit Low |
| P2301 | Ignition Coil A Primary Control Circuit High |
| P2303 | Ignition Coil B Primary Control Circuit Low |
| P2304 | Ignition Coil B Primary Control Circuit High |
| P2306 | Ignition Coil C Primary Control Circuit Low |
| P2307 | Ignition Coil C Primary Control Circuit High |
| P2309 | Ignition Coil D Primary Control Circuit Low |
| P230A | ISO/SAE Reserved |
| P230B | ISO/SAE Reserved |
| P230C | ISO/SAE Reserved |
| P230D | ISO/SAE Reserved |
| P230E | ISO/SAE Reserved |
| P230F | ISO/SAE Reserved |
| P2310 | Ignition Coil D Primary Control Circuit High |
| P2312 | Ignition Coil E Primary Control Circuit Low |
| P2313 | Ignition Coil E Primary Control Circuit High |
| P2315 | Ignition Coil F Primary Control Circuit Low |
| P2316 | Ignition Coil F Primary Control Circuit High |
| P2318 | Ignition Coil G Primary Control Circuit Low |
| P2319 | Ignition Coil G Primary Control Circuit High |
| P231A | ISO/SAE Reserved |
| P231B | ISO/SAE Reserved |
| P231C | ISO/SAE Reserved |
| P231D | ISO/SAE Reserved |
| P231E | ISO/SAE Reserved |
| P231F | ISO/SAE Reserved |
| P2321 | Ignition Coil H Primary Control Circuit Low |
| P2322 | Ignition Coil H Primary Control Circuit High |
| P232A | ISO/SAE Reserved |
| P232B | ISO/SAE Reserved |
| P232C | ISO/SAE Reserved |
| P232D | ISO/SAE Reserved |
| P232E | ISO/SAE Reserved |
| P232F | ISO/SAE Reserved |
| P233A | ISO/SAE Reserved |
| P233B | ISO/SAE Reserved |
| P233C | ISO/SAE Reserved |



| Codes | |
|----------------|--------------------------------------|
| P233D | ISO/SAE Reserved |
| P233E | ISO/SAE Reserved |
| P233F | ISO/SAE Reserved |
| P2348 | ISO/SAE Reserved |
| P2349 | ISO/SAE Reserved |
| P234A | ISO/SAE Reserved |
| P234B | ISO/SAE Reserved |
| P234C | ISO/SAE Reserved |
| P234D | ISO/SAE Reserved |
| P234E | ISO/SAE Reserved |
| P234F | ISO/SAE Reserved |
| P2350 | ISO/SAE Reserved |
| P2351 | ISO/SAE Reserved |
| P2352 | ISO/SAE Reserved |
| P2353 | ISO/SAE Reserved |
| P2354 | ISO/SAE Reserved |
| P2355 | ISO/SAE Reserved |
| P2356 | ISO/SAE Reserved |
| P2357 | ISO/SAE Reserved |
| P2358 | ISO/SAE Reserved |
| P2359 | ISO/SAE Reserved |
| P235A | ISO/SAE Reserved |
| P235B | ISO/SAE Reserved |
| P235C | ISO/SAE Reserved |
| P235D | ISO/SAE Reserved |
| P235E | ISO/SAE Reserved |
| P235F | ISO/SAE Reserved |
| P2360 | ISO/SAE Reserved |
| P2361 P2362 | ISO/SAE Reserved |
| P2363 | ISO/SAE Reserved ISO/SAE Reserved |
| P2364 | ISO/SAE Reserved |
| P2365 | ISO/SAE Reserved |
| P2366 | ISO/SAE Reserved |
| P2367 | ISO/SAE Reserved |
| P2368 | ISO/SAE Reserved |
| P2369 | ISO/SAE Reserved |
| P236A | ISO/SAE Reserved |
| P236B | ISO/SAE Reserved |
| P236C | ISO/SAE Reserved |
| P236D | ISO/SAE Reserved |
| P236E | ISO/SAE Reserved |
| P236F | ISO/SAE Reserved |
| P2370 | ISO/SAE Reserved |
| | |



| Codes | |
|----------------|--------------------------------------|
| P2371 | ISO/SAE Reserved |
| P2372 | ISO/SAE Reserved |
| P2373 | ISO/SAE Reserved |
| P2374 | ISO/SAE Reserved |
| P2375 | ISO/SAE Reserved |
| P2376 | ISO/SAE Reserved |
| P2377 | ISO/SAE Reserved |
| P2378 | ISO/SAE Reserved |
| P2379 | ISO/SAE Reserved |
| P237A | ISO/SAE Reserved |
| P237B | ISO/SAE Reserved |
| P237C | ISO/SAE Reserved |
| P237D | ISO/SAE Reserved |
| P237E | ISO/SAE Reserved |
| P237F | ISO/SAE Reserved |
| P2380 | ISO/SAE Reserved |
| P2381 | ISO/SAE Reserved |
| P2382 | ISO/SAE Reserved |
| P2383 | ISO/SAE Reserved |
| P2384 | ISO/SAE Reserved |
| P2385 | ISO/SAE Reserved |
| P2386 | ISO/SAE Reserved |
| P2387 | ISO/SAE Reserved |
| P2388 | ISO/SAE Reserved |
| P2389 | ISO/SAE Reserved |
| P238A | ISO/SAE Reserved |
| P238B | ISO/SAE Reserved |
| P238C | ISO/SAE Reserved |
| P238D | ISO/SAE Reserved |
| P238E | ISO/SAE Reserved |
| P238F P2390 | ISO/SAE Reserved |
| P2390 P2391 | ISO/SAE Reserved ISO/SAE Reserved |
| P2391 P2392 | ISO/SAE Reserved |
| P2392 P2393 | ISO/SAE Reserved |
| P2394 | ISO/SAE Reserved |
| P2395 | ISO/SAE Reserved |
| P2396 | ISO/SAE Reserved |
| P2397 | ISO/SAE Reserved |
| P2398 | ISO/SAE Reserved |
| P2399 | ISO/SAE Reserved |
| P239A | ISO/SAE Reserved |
| P239B | ISO/SAE Reserved |
| P239C | ISO/SAE Reserved |
| 1 2000 | |

| Codes | |
|----------------|--------------------------------------|
| P239D | ISO/SAE Reserved |
| P239E | ISO/SAE Reserved |
| P239F | ISO/SAE Reserved |
| P23A0 | ISO/SAE Reserved |
| P23A1 | ISO/SAE Reserved |
| P23A2 | ISO/SAE Reserved |
| P23A3 | ISO/SAE Reserved |
| P23A4 | ISO/SAE Reserved |
| P23A5 | ISO/SAE Reserved |
| P23A6 | ISO/SAE Reserved |
| P23A7 | ISO/SAE Reserved |
| P23A8 | ISO/SAE Reserved |
| P23A9 | ISO/SAE Reserved |
| P23AA | ISO/SAE Reserved |
| P23AB | ISO/SAE Reserved |
| P23AC | ISO/SAE Reserved |
| P23AD | ISO/SAE Reserved |
| P23AE | ISO/SAE Reserved |
| P23AF | ISO/SAE Reserved |
| P23B0 | ISO/SAE Reserved |
| P23B1 | ISO/SAE Reserved |
| P23B2 | ISO/SAE Reserved |
| P23B3 | ISO/SAE Reserved |
| P23B4 | ISO/SAE Reserved |
| P23B5 | ISO/SAE Reserved |
| P23B6 | ISO/SAE Reserved |
| P23B7 | ISO/SAE Reserved |
| P23B8 | ISO/SAE Reserved |
| P23B9 | ISO/SAE Reserved |
| P23BA P23BB | ISO/SAE Reserved |
| P23BC | ISO/SAE Reserved ISO/SAE Reserved |
| P23BD | ISO/SAE Reserved |
| P23BE | ISO/SAE Reserved |
| P23BF | ISO/SAE Reserved |
| P23C0 | ISO/SAE Reserved |
| P23C1 | ISO/SAE Reserved |
| P23C2 | ISO/SAE Reserved |
| P23C3 | ISO/SAE Reserved |
| P23C4 | ISO/SAE Reserved |
| P23C5 | ISO/SAE Reserved |
| P23C6 | ISO/SAE Reserved |
| P23C7 | ISO/SAE Reserved |
| P23C8 | ISO/SAE Reserved |
| | -,- |

| Codes | |
|----------------|--------------------------------------|
| P23C9 | ISO/SAE Reserved |
| P23CA | ISO/SAE Reserved |
| P23CB | ISO/SAE Reserved |
| P23CC | ISO/SAE Reserved |
| P23CD | ISO/SAE Reserved |
| P23CE | ISO/SAE Reserved |
| P23CF | ISO/SAE Reserved |
| P23D0 | ISO/SAE Reserved |
| P23D1 | ISO/SAE Reserved |
| P23D2 | ISO/SAE Reserved |
| P23D3 | ISO/SAE Reserved |
| P23D4 | ISO/SAE Reserved |
| P23D5 | ISO/SAE Reserved |
| P23D6 | ISO/SAE Reserved |
| P23D7 | ISO/SAE Reserved |
| P23D8 | ISO/SAE Reserved |
| P23D9 | ISO/SAE Reserved |
| P23DA | ISO/SAE Reserved |
| P23DB | ISO/SAE Reserved |
| P23DC | ISO/SAE Reserved |
| P23DD | ISO/SAE Reserved |
| P23DE | ISO/SAE Reserved |
| P23DF | ISO/SAE Reserved |
| P23E0 | ISO/SAE Reserved |
| P23E1 | ISO/SAE Reserved |
| P23E2 | ISO/SAE Reserved |
| P23E3 | ISO/SAE Reserved |
| P23E4 | ISO/SAE Reserved |
| P23E5 P23E6 | ISO/SAE Reserved ISO/SAE Reserved |
| P23E0 P23E7 | ISO/SAE Reserved |
| P23E8 | ISO/SAE Reserved |
| P23E9 | ISO/SAE Reserved |
| P23EA | ISO/SAE Reserved |
| P23EB | ISO/SAE Reserved |
| P23EC | ISO/SAE Reserved |
| P23ED | ISO/SAE Reserved |
| P23EE | ISO/SAE Reserved |
| P23EF | ISO/SAE Reserved |
| P23F0 | ISO/SAE Reserved |
| P23F1 | ISO/SAE Reserved |
| P23F2 | ISO/SAE Reserved |
| P23F3 | ISO/SAE Reserved |
| P23F4 | ISO/SAE Reserved |
| - | -, |

| Codes | Definition |
|-------|---|
| P23F5 | ISO/SAE Reserved |
| P23F6 | ISO/SAE Reserved |
| P23F7 | ISO/SAE Reserved |
| P23F8 | ISO/SAE Reserved |
| P23F9 | ISO/SAE Reserved |
| P23FA | ISO/SAE Reserved |
| P23FB | ISO/SAE Reserved |
| P23FC | ISO/SAE Reserved |
| P23FD | ISO/SAE Reserved |
| P23FE | ISO/SAE Reserved |
| P23FF | ISO/SAE Reserved |
| P2400 | Evaporative Emission System Leak Detection Pump Control Circuit/Open |
| P2401 | Evaporative Emission System Leak Detection Pump Control Circuit Low |
| P2402 | Evaporative Emission System Leak Detection Pump Control Circuit High |
| P240D | ISO/SAE Reserved |
| P240E | ISO/SAE Reserved |
| P240F | ISO/SAE Reserved |
| P2413 | Exhaust Gas Recirculation System Performance |
| P2418 | Evaporative Emission System Switching Valve Control Circuit/Open |
| P2419 | Evaporative Emission System Switching Valve Control Circuit Low |
| P241A | ISO/SAE Reserved |
| P241B | ISO/SAE Reserved |
| P241C | ISO/SAE Reserved |
| P241D | ISO/SAE Reserved |
| P241E | ISO/SAE Reserved |
| P241F | ISO/SAE Reserved |
| P2420 | Evaporative Emission System Switching Valve Control Circuit High |
| P2422 | Evaporative Emission System Vent Valve Stuck Closed |
| P242A | Exhaust Gas Temperature Sensor Circuit Bank 1 Sensor 3 |
| P242B | Exhaust Gas Temperature Sensor Circuit Range/Performance Bank 1 Sensor 3 |
| P242C | Exhaust Gas Temperature Sensor Circuit Low Bank 1 Sensor 3 |
| P242D | Exhaust Gas Temperature Sensor Circuit High Bank 1 Sensor 3 |
| P242E | Exhaust Gas Temperature Sensor Circuit Intermittent/Erratic Bank 1 Sensor 3 |
| P2430 | Secondary Air Injection System Air Flow/Pressure Sensor Circuit Bank 1 |
| P2431 | Secondary Air Injection System Air Flow/Pressure Sensor Circuit Range/Performance Bank 1 |



| Codes | Definition |
|-------|---|
| P2432 | Secondary Air Injection System Air Flow/Pressure Sensor Circuit Low Bank 1 |
| P2433 | Secondary Air Injection System Air Flow/Pressure Sensor Circuit High Bank 1 |
| P2435 | Secondary Air Injection System Air Flow/Pressure Sensor Circuit Bank 2 |
| P2436 | Secondary Air Injection System Air Flow/Pressure Sensor Circuit Range/Performance Bank 2 |
| P2437 | Secondary Air Injection System Air Flow/Pressure Sensor Circuit Low Bank 2 |
| P2438 | Secondary Air Injection System Air Flow/Pressure Sensor Circuit High Bank 2 |
| P243A | ISO/SAE Reserved |
| P243B | ISO/SAE Reserved |
| P243C | ISO/SAE Reserved |
| P243D | ISO/SAE Reserved |
| P243E | ISO/SAE Reserved |
| P243F | ISO/SAE Reserved |
| P2440 | Secondary Air Injection System Switching Valve Stuck Open Bank 1 |
| P2444 | Secondary Air Injection System Pump Stuck On Bank 1 |
| P244A | Diesel Particulate Filter (DPF) Differential Pressure Too Low Bank 1 |
| P244B | Diesel Particulate Filter (DPF) Differential Pressure Too High Bank 1 |
| P244C | Exhaust Temperature Too Low For Particulate Filter Regeneration Bank 1 |
| P244D | Exhaust Temperature Too High For Particulate Filter Regeneration Bank 1 |
| P2450 | Evaporative Emission System Switching Valve Performance/Stuck Open |
| P2452 | Diesel Particulate Filter Pressure Sensor A Circuit |
| P2453 | Diesel Particulate Filter Pressure Sensor A Circuit Range/Performance |
| P2454 | Diesel Particulate Filter Pressure Sensor A Circuit Low |
| P2455 | Diesel Particulate Filter Pressure Sensor A Circuit High |
| P2456 | Diesel Particulate Filter Pressure Sensor A Circuit Intermittent |
| P2457 | Exhaust Gas Recirculation Cooling System Performance |
| P2459 | Diesel Particulate Filter Regeneration Frequency |
| P245A | Exhaust Gas Recirculation Cooler Bypass Control Circuit /Open |
| P245B | Exhaust Gas Recirculation Cooler Bypass Control Circuit Range/Performance |
| P245D | Exhaust Gas Recirculation Cooler Bypass Control Circuit High |
| P2463 | Diesel Particulate Filter Restriction - Soot Accumulation |
| P2466 | Exhaust Gas Temperature Sensor Circuit Bank 2 Sensor 3 |



| Codes | Definition |
|----------------|--|
| P2467 | Exhaust Gas Temperature Sensor Circuit Range/Performance Bank 2 Sensor 3 |
| P2468 | Exhaust Gas Temperature Sensor Circuit Low Bank 2 Sensor 3 |
| P2469 | Exhaust Gas Temperature Sensor Circuit High Bank 2 Sensor 3 |
| P246A | Exhaust Gas Temperature Sensor Circuit Intermittent/Erratic Bank 2 Sensor 3 |
| P246B | Vehicle Conditions Incorrect for Diesel Particulate Filter Regeneration |
| P246C | Diesel Particulate Filter Restriction - Forced Limited Power |
| P246D | Diesel Particulate Filter Pressure Sensor "A"/"B" Correlation |
| P246E | Exhaust Gas Temperature Sensor Circuit Bank 1 Sensor 4 |
| P246F | Exhaust Gas Temperature Sensor Circuit Range/Performance Bank 1 Sensor 4 |
| P2470 | Exhaust Gas Temperature Sensor Circuit Low Bank 1 Sensor 4 |
| P2471 | Exhaust Gas Temperature Sensor Circuit High Bank 1 Sensor 4 |
| P2472 | Exhaust Gas Temperature Sensor Circuit Intermittent/Erratic Bank 1 Sensor 4 |
| P2473 | Exhaust Gas Temperature Sensor Circuit Bank 2 Sensor 4 |
| P2474 | Exhaust Gas Temperature Sensor Circuit Range/Performance Bank 2 Sensor 4 |
| P2475 | Exhaust Gas Temperature Sensor Circuit Low Bank 2 Sensor 4 |
| P2476 | Exhaust Gas Temperature Sensor Circuit High Bank 2 Sensor 4 |
| P2477 | Exhaust Gas Temperature Sensor Circuit Intermittent/Erratic Bank 2 Sensor 4 |
| P2478 | Exhaust Gas Temperature Out of Range Bank 1 Sensor 1 |
| P2479 | Exhaust Gas Temperature Out of Range Bank 1 Sensor 2 |
| P247A | Exhaust Gas Temperature Out of Range Bank 1 Sensor 3 |
| P247B | Exhaust Gas Temperature Out of Range Bank 1 Sensor 4 |
| P247C | Exhaust Gas Temperature Out of Range Bank 2 Sensor 1 |
| P247D | Exhaust Gas Temperature Out of Range Bank 2 Sensor 2 |
| P247E P247F | Exhaust Gas Temperature Out of Range Bank 2 Sensor 3 Exhaust Gas Temperature Out of Range Bank 2 Sensor 4 |
| P2480 | Exhaust Gas Temperature Sensor Circuit/Open Bank 1 Sensor 5 |
| P2481 | Exhaust Gas Temperature Sensor Circuit Low Bank 1 Sensor 5 |
| P2482 | Exhaust Gas Temperature Sensor Circuit High Bank 1 Sensor 5 |
| P2483 | Exhaust Gas Temperature Sensor Circuit Range/Performance Bank 1 Sensor 5 |
| P2484 | Exhaust Gas Temperature Sensor Circuit Intermittent/Erratic Bank 1 Sensor 5 |
| P2485 | Exhaust Gas Temperature Sensor Circuit/Open Bank 2 Sensor 5 |
| P2486 | Exhaust Gas Temperature Sensor Circuit Low Bank 2 Sensor 5 |
| P2487 | Exhaust Gas Temperature Sensor Circuit High Bank 2 Sensor 5 |
| P2488 | Exhaust Gas Temperature Sensor Circuit Range/Performance Bank 2 Sensor 5 |
| P2489 | Exhaust Gas Temperature Sensor Circuit Intermittent/Erratic Bank 2 Sensor 5 |

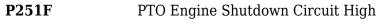


| Codes | |
|----------------|--------------------------------------|
| P248A | ISO/SAE Reserved |
| P248B | ISO/SAE Reserved |
| P248C | ISO/SAE Reserved |
| P248D | ISO/SAE Reserved |
| P248E | ISO/SAE Reserved |
| P248F | ISO/SAE Reserved |
| P2490 | ISO/SAE Reserved |
| P2491 | ISO/SAE Reserved |
| P2492 | ISO/SAE Reserved |
| P2493 | ISO/SAE Reserved |
| P2494 | ISO/SAE Reserved |
| P2495 | ISO/SAE Reserved |
| P2496 | ISO/SAE Reserved |
| P2497 | ISO/SAE Reserved |
| P2498 | ISO/SAE Reserved |
| P2499 | ISO/SAE Reserved |
| P249A | ISO/SAE Reserved |
| P249B | ISO/SAE Reserved |
| P249C | ISO/SAE Reserved |
| P249D | ISO/SAE Reserved |
| P249E | ISO/SAE Reserved |
| P249F | ISO/SAE Reserved |
| P24A0 | ISO/SAE Reserved |
| P24A1 | ISO/SAE Reserved |
| P24A2 | ISO/SAE Reserved |
| P24A3 | ISO/SAE Reserved |
| P24A4 | ISO/SAE Reserved |
| P24A5 | ISO/SAE Reserved |
| P24A6 P24A7 | ISO/SAE Reserved |
| P24A7 P24A8 | ISO/SAE Reserved |
| P24A0 P24A9 | ISO/SAE Reserved ISO/SAE Reserved |
| P24A9 P24AA | ISO/SAE Reserved |
| P24AB | ISO/SAE Reserved |
| P24AC | ISO/SAE Reserved |
| P24AD | ISO/SAE Reserved |
| P24AE | ISO/SAE Reserved |
| P24AF | ISO/SAE Reserved |
| P24B0 | ISO/SAE Reserved |
| P24B1 | ISO/SAE Reserved |
| P24B2 | ISO/SAE Reserved |
| P24B3 | ISO/SAE Reserved |
| P24B4 | ISO/SAE Reserved |
| P24B5 | ISO/SAE Reserved |
| | |

| Codes | |
|----------------|--------------------------------------|
| P24B6 | ISO/SAE Reserved |
| P24B7 | ISO/SAE Reserved |
| P24B8 | ISO/SAE Reserved |
| P24B9 | ISO/SAE Reserved |
| P24BA | ISO/SAE Reserved |
| P24BB | ISO/SAE Reserved |
| P24BC | ISO/SAE Reserved |
| P24BD | ISO/SAE Reserved |
| P24BE | ISO/SAE Reserved |
| P24BF | ISO/SAE Reserved |
| P24C0 | ISO/SAE Reserved |
| P24C1 | ISO/SAE Reserved |
| P24C2 | ISO/SAE Reserved |
| P24C3 | ISO/SAE Reserved |
| P24C4 | ISO/SAE Reserved |
| P24C5 | ISO/SAE Reserved |
| P24C6 | ISO/SAE Reserved |
| P24C7 | ISO/SAE Reserved |
| P24C8 | ISO/SAE Reserved |
| P24C9 | ISO/SAE Reserved |
| P24CA | ISO/SAE Reserved |
| P24CB | ISO/SAE Reserved |
| P24CC | ISO/SAE Reserved |
| P24CD | ISO/SAE Reserved |
| P24CE | ISO/SAE Reserved |
| P24CF | ISO/SAE Reserved |
| P24D0 | ISO/SAE Reserved |
| P24D1 | ISO/SAE Reserved |
| P24D2 P24D3 | ISO/SAE Reserved |
| P24D3 P24D4 | ISO/SAE Reserved ISO/SAE Reserved |
| P24D4 P24D5 | ISO/SAE Reserved |
| P24D5 P24D6 | ISO/SAE Reserved |
| P24D7 | ISO/SAE Reserved |
| P24D8 | ISO/SAE Reserved |
| P24D9 | ISO/SAE Reserved |
| P24DA | ISO/SAE Reserved |
| P24DB | ISO/SAE Reserved |
| P24DC | ISO/SAE Reserved |
| P24DD | ISO/SAE Reserved |
| P24DE | ISO/SAE Reserved |
| P24DF | ISO/SAE Reserved |
| P24E0 | ISO/SAE Reserved |
| P24E1 | ISO/SAE Reserved |
| | |



| Codes | Definition |
|----------------|---|
| P24E2 | ISO/SAE Reserved |
| P24E3 | ISO/SAE Reserved |
| P24E4 | ISO/SAE Reserved |
| P24E5 | ISO/SAE Reserved |
| P24E6 | ISO/SAE Reserved |
| P24E7 | ISO/SAE Reserved |
| P24E8 | ISO/SAE Reserved |
| P24E9 | ISO/SAE Reserved |
| P24EA | ISO/SAE Reserved |
| P24EB | ISO/SAE Reserved |
| P24EC | ISO/SAE Reserved |
| P24ED | ISO/SAE Reserved |
| P24EE | ISO/SAE Reserved |
| P24EF | ISO/SAE Reserved |
| P24F0 | ISO/SAE Reserved |
| P24F1 | ISO/SAE Reserved |
| P24F2 | ISO/SAE Reserved |
| P24F3 | ISO/SAE Reserved |
| P24F4 | ISO/SAE Reserved |
| P24F5 | ISO/SAE Reserved |
| P24F6 | ISO/SAE Reserved |
| P24F7 | ISO/SAE Reserved |
| P24F8 | ISO/SAE Reserved |
| P24F9 | ISO/SAE Reserved |
| P24FA | ISO/SAE Reserved |
| P24FB | ISO/SAE Reserved |
| P24FC | ISO/SAE Reserved |
| P24FD | ISO/SAE Reserved |
| P24FE | ISO/SAE Reserved |
| P24FF | ISO/SAE Reserved |
| P2500 | Generator Lamp/L Terminal Circuit Low |
| P2501 | Generator Lamp/L Terminal Circuit High |
| P250A | Engine Oil Level Sensor Circuit |
| P250B | Engine Oil Level Sensor Circuit Range/Performance |
| P2510 | ECM/PCM Power Relay Sense Circuit Range/Performance |
| P2511 | ECM/PCM Power Relay Sense Circuit Intermittent |
| P2515 | A/C Refrigerant Pressure Sensor B Circuit Malfunction |
| P2516 | A/C Refrigerant Pressure Sensor B Circuit Range/Performance |
| P2517 | A/C Refrigerant Pressure Sensor B Circuit Low |
| P2518 | A/C Refrigerant Pressure Sensor B Circuit High |
| P2519 | A/C Request "A" Circuit |
| P251A | PTO Enable Switch Circuit/Open |
| P251E P251F | PTO Engine Shutdown Circuit Low PTO Engine Shutdown Circuit High |
| PZDIE | |





| Codes | Definition |
|-------|---|
| P2520 | A/C Request "A" Circuit Low |
| P2521 | A/C Request "A" Circuit High |
| P2522 | A/C Request "B" Circuit |
| P2523 | A/C Request "B" Circuit Low |
| P2524 | A/C Request "B" Circuit High |
| P252D | Engine Oil Quality Sensor Circuit High |
| P252E | Engine Oil Quality Circuit Intermittent/Erratic |
| P2530 | Ignition Switch Run Position Circuit |
| P2531 | Ignition Switch Run Position Circuit Low |
| P2532 | Ignition Switch Run Position Circuit High |
| P2533 | Ignition Switch Run/Start Position Circuit |
| P2534 | Ignition Switch Run/Start Position Circuit Low |
| P2535 | Ignition Switch Run/Start Position Circuit High |
| P2536 | Ignition Switch Accessory Position Circuit |
| P2537 | Ignition Switch Accessory Position Circuit Low |
| P253A | PTO Sense Circuit /Open |
| P253B | PTO Sense Circuit Range/Performance |
| P253C | PTO Sense Circuit Low |
| P253D | PTO Sense Circuit High |
| P253E | PTO Sense Circuit Intermittent/Erratic |
| P2544 | Torque Management Request Input Signal "A" |
| P2545 | Torque Management Request Input Signal "A" Range/Performance |
| P2546 | Torque Management Request Input Signal "A" Low |
| P2547 | Torque Management Request Input Signal "A" High |
| P2548 | Torque Management Request Input Signal "B" |
| P2549 | Torque Management Request Input Signal "B" Range/Performance |
| P254F | Engine Hood Switch Circuit |
| P2550 | Torque Management Request Input Signal "B" Low |
| P2551 | Torque Management Request Input Signal "B" High |
| P255E | PTO Speed Selector Sensor/Switch 2 Intermittent/Erratic |
| P2562 | Turbo Boost Control Position Sensor Circuit |
| P2563 | Turbo Boost Control Position Sensor Circuit Range/Performance |
| P2564 | Turbo Boost Control Position Sensor Circuit Low |
| P2565 | Turbo Boost Control Position Sensor Circuit High |
| P2566 | Turbo Boost Control Position Sensor Circuit Intermittent |
| P2567 | Direct Ozone Reduction Catalyst Temperature Sensor Circuit |
| P2568 | Direct Ozone Reduction Catalyst Temperature Sensor Circuit Range/Performance |
| P2569 | Direct Ozone Reduction Catalyst Temperature Sensor Circuit Low |
| P256A | Engine Idle Speed Selector Sensor/Switch Circuit/Open |
| P256B | Engine Idle Speed Selector Sensor/Switch Range/Performance |
| P256C | Engine Idle Speed Selector Sensor/Switch Circuit Low |



| Codes | Definition |
|-------|--|
| P256D | Engine Idle Speed Selector Sensor/Switch Circuit High |
| P256E | Engine Idle Speed Selector Sensor/Switch Circuit Intermittent/Erratic |
| P256F | A/C Request "B" Circuit Range/Performance |
| P2570 | Direct Ozone Reduction Catalyst Temperature Sensor Circuit High |
| P2571 | Direct Ozone Reduction Catalyst Temperature Sensor Circuit Intermittent/Erratic |
| P2572 | Direct Ozone Reduction Catalyst Deterioration Sensor Circuit |
| P2573 | Direct Ozone Reduction Catalyst Deterioration Sensor Circuit Range/Performance |
| P2574 | Direct Ozone Reduction Catalyst Deterioration Sensor Circuit Low |
| P2575 | Direct Ozone Reduction Catalyst Deterioration Sensor Circuit High |
| P2576 | Direct Ozone Reduction Catalyst Deterioration Sensor Circuit Intermittent/Erratic |
| P2577 | Direct Ozone Reduction Catalyst Efficiency Below Threshold |
| P2578 | Turbocharger Speed Sensor Circuit |
| P2579 | Turbocharger Speed Sensor Circuit Range/Performance |
| P257A | Vacuum Reservoir Control Circuit/Open |
| P257B | Vacuum Reservoir Control Circuit Low |
| P257C | Vacuum Reservoir Control Circuit High |
| P257D | Engine Hood Switch Circuit Range/Performance |
| P257E | Engine Hood Switch Circuit Low |
| P257F | Engine Hood Switch Circuit High |
| P2580 | Turbocharger Speed Sensor Circuit Low |
| P2581 | Turbocharger Speed Sensor Circuit High |
| P2582 | Turbocharger Speed Sensor Circuit Intermittent |
| P2586 | Turbo Boost Control Position Sensor "B" Circuit |
| P2587 | Turbo Boost Control Position Sensor Circuit "B" Range/Performance |
| P2588 | Turbo Boost Control Position Sensor "B" Circuit Low |
| P2589 | Turbo Boost Control Position Sensor "B" Circuit High |
| P258E | PTO Enable Switch Performance |
| P258F | Torque Management Request Output Signal |
| P2590 | Turbo Boost Control Position Sensor "B" Circuit Intermittent |
| P2593 | ISO/SAE Reserved |
| P2594 | ISO/SAE Reserved |
| P2595 | ISO/SAE Reserved |
| P2596 | ISO/SAE Reserved |
| P2597 | ISO/SAE Reserved |
| P2598 | ISO/SAE Reserved |
| P2599 | ISO/SAE Reserved |
| P259A | ISO/SAE Reserved |



| Codes | |
|----------------|--------------------------------------|
| P259B | ISO/SAE Reserved |
| P259C | ISO/SAE Reserved |
| P259D | ISO/SAE Reserved |
| P259E | ISO/SAE Reserved |
| P259F | ISO/SAE Reserved |
| P25A0 | ISO/SAE Reserved |
| P25A1 | ISO/SAE Reserved |
| P25A2 | ISO/SAE Reserved |
| P25A3 | ISO/SAE Reserved |
| P25A4 | ISO/SAE Reserved |
| P25A5 | ISO/SAE Reserved |
| P25A6 | ISO/SAE Reserved |
| P25A7 | ISO/SAE Reserved |
| P25A8 | ISO/SAE Reserved |
| P25A9 | ISO/SAE Reserved |
| P25AA | ISO/SAE Reserved |
| P25AB | ISO/SAE Reserved |
| P25AC | ISO/SAE Reserved |
| P25AD | ISO/SAE Reserved |
| P25AE | ISO/SAE Reserved |
| P25AF | ISO/SAE Reserved |
| P25B0 | ISO/SAE Reserved |
| P25B1 | ISO/SAE Reserved |
| P25B2 | ISO/SAE Reserved |
| P25B3 | ISO/SAE Reserved |
| P25B4 | ISO/SAE Reserved |
| P25B5 | ISO/SAE Reserved |
| P25B6 | ISO/SAE Reserved |
| P25B7 | ISO/SAE Reserved |
| P25B8 | ISO/SAE Reserved |
| P25B9 P25BA | ISO/SAE Reserved |
| P25BA P25BB | ISO/SAE Reserved ISO/SAE Reserved |
| P25BC | ISO/SAE Reserved |
| P25BD | ISO/SAE Reserved |
| P25BE | ISO/SAE Reserved |
| P25BF | ISO/SAE Reserved |
| P25C0 | ISO/SAE Reserved |
| P25C1 | ISO/SAE Reserved |
| P25C2 | ISO/SAE Reserved |
| P25C3 | ISO/SAE Reserved |
| P25C4 | ISO/SAE Reserved |
| P25C5 | ISO/SAE Reserved |
| P25C6 | ISO/SAE Reserved |
| | |



| Codes | |
|----------------|------------------|
| P25C7 | ISO/SAE Reserved |
| P25C8 | ISO/SAE Reserved |
| P25C9 | ISO/SAE Reserved |
| P25CA | ISO/SAE Reserved |
| P25CB | ISO/SAE Reserved |
| P25CC | ISO/SAE Reserved |
| P25CD | ISO/SAE Reserved |
| P25CE | ISO/SAE Reserved |
| P25CF | ISO/SAE Reserved |
| P25D0 | ISO/SAE Reserved |
| P25D1 | ISO/SAE Reserved |
| P25D2 | ISO/SAE Reserved |
| P25D3 | ISO/SAE Reserved |
| P25D4 | ISO/SAE Reserved |
| P25D5 | ISO/SAE Reserved |
| P25D6 | ISO/SAE Reserved |
| P25D7 | ISO/SAE Reserved |
| P25D8 | ISO/SAE Reserved |
| P25D9 | ISO/SAE Reserved |
| P25DA | ISO/SAE Reserved |
| P25DB | ISO/SAE Reserved |
| P25DC | ISO/SAE Reserved |
| P25DD | ISO/SAE Reserved |
| P25DE | ISO/SAE Reserved |
| P25DF | ISO/SAE Reserved |
| P25E0 | ISO/SAE Reserved |
| P25E1 | ISO/SAE Reserved |
| P25E2 | ISO/SAE Reserved |
| P25E3 | ISO/SAE Reserved |
| P25E4 | ISO/SAE Reserved |
| P25E5 | ISO/SAE Reserved |
| P25E6 | ISO/SAE Reserved |
| P25E7 | ISO/SAE Reserved |
| P25E8 | ISO/SAE Reserved |
| P25E9 | ISO/SAE Reserved |
| P25EA | ISO/SAE Reserved |
| P25EB | ISO/SAE Reserved |
| P25EC | ISO/SAE Reserved |
| P25ED | ISO/SAE Reserved |
| P25EE | ISO/SAE Reserved |
| P25EF | ISO/SAE Reserved |
| P25F0 P25F1 | ISO/SAE Reserved |
| P25F1 | ISO/SAE Reserved |
| P25F2 | ISO/SAE Reserved |



| Codes | Definition | |
|----------------|---|--|
| P25F3 | ISO/SAE Reserved | |
| P25F4 | ISO/SAE Reserved | |
| P25F5 | ISO/SAE Reserved | |
| P25F6 | ISO/SAE Reserved | |
| P25F7 | ISO/SAE Reserved | |
| P25F8 | ISO/SAE Reserved | |
| P25F9 | ISO/SAE Reserved | |
| P25FA | ISO/SAE Reserved | |
| P25FB | ISO/SAE Reserved | |
| P25FC | ISO/SAE Reserved | |
| P25FD | ISO/SAE Reserved | |
| P25FE | ISO/SAE Reserved | |
| P25FF | ISO/SAE Reserved | |
| P2600 | Coolant Pump "A" Control Circuit Open | |
| P2601 | Coolant Pump "A" Control Circuit Range Performance | |
| P2602 | Coolant Pump "A" Control Circuit Low | |
| P2603 | Coolant Pump "A" Control Circuit High | |
| P2604 | Intake Air Heater "A" Circuit Range/Performance | |
| P2605 | Intake Air Heater "B" Circuit Open | |
| P2606 | Intake Air Heater "B" Circuit Range/Performance | |
| P2607 | Intake Air Heater "B" Circuit Low | |
| P2608 | Intake Air Heater "B" Circuit High | |
| P2609 | Intake Air Heater System Performance | |
| P260A | PTO Control Circuit /Open | |
| P260B | PTO Control Circuit Low | |
| P260C | PTO Control Circuit High | |
| P260E | Diesel Particulate Filter Regeneration Lamp Control Circuit | |
| P2610 | ECM/PCM Internal Engine Off Timer Performance | |
| P2614 P2615 | Camshaft Position Signal Output Circuit/Open | |
| P2615 P2616 | Camshaft Position Signal Output Circuit Low Camshaft Position Signal Output Circuit High | |
| P2617 | Crankshaft Position Signal Output Circuit/Open | |
| P2618 | Crankshaft Position Signal Output Circuit Low | |
| P2619 | Crankshaft Position Signal Output Circuit High | |
| P261E | ISO/SAE Reserved | |
| P261F | ISO/SAE Reserved | |
| P2623 | Injector Control Pressure Regulator Circuit/Open | |
| P2624 | Injector Control Pressure Regulator Circuit Low | |
| P2625 | Injector Control Pressure Regulator Circuit High | |
| P2627 | O2 Sensor Pumping Current Trim Circuit Low Bank 1 Sensor 1 | |
| P2628 | O2 Sensor Pumping Current Trim Circuit High Bank 1 Sensor 1 | |
| P262A | ISO/SAE Reserved | |
| P262B | ISO/SAE Reserved | |
| P262C | ISO/SAE Reserved | |
| | | |



| Codes | Definition |
|-------|--|
| P262D | ISO/SAE Reserved |
| P262E | ISO/SAE Reserved |
| P262F | ISO/SAE Reserved |
| P2632 | Fuel Pump B Control Circuit /Open |
| P2633 | Fuel Pump B Control Circuit Low |
| P2634 | Fuel Pump B Control Circuit High |
| P2635 | Fuel Pump "A" Low Flow/Performance |
| P2636 | Fuel Pump "B" Low Flow/Performance |
| P2637 | Torque Management Feedback Signal "A" |
| P2638 | Torque Management Feedback Signal "A" Range/Performance |
| P2639 | Torque Management Feedback Signal "A" Low |
| P263A | ISO/SAE Reserved |
| P263B | ISO/SAE Reserved |
| P263C | ISO/SAE Reserved |
| P263D | ISO/SAE Reserved |
| P263E | ISO/SAE Reserved |
| P263F | ISO/SAE Reserved |
| P2640 | Torque Management Feedback Signal "A" High |
| P2641 | Torque Management Feedback Signal "B" |
| P2642 | Torque Management Feedback Signal "B" Range/Performance |
| P2643 | Torque Management Feedback Signal "B" Low |
| P2644 | Torque Management Feedback Signal "B" High |
| P2645 | "A" Rocker Arm Actuator Control Circuit/Open Bank 1 |
| P2646 | "A" Rocker Arm Actuator System Performance/Stuck Off Bank 1 |
| P2647 | "A" Rocker Arm Actuator System Stuck On Bank 1 |
| P2648 | "A" Rocker Arm Actuator Control Circuit Low Bank 1 |
| P2649 | "A" Rocker Arm Actuator Control Circuit High Bank 1 |
| P264F | ISO/SAE Reserved |
| P265A | "B" Rocker Arm Actuator Position Sensor Circuit Bank 1 |
| P265B | "B" Rocker Arm Actuator Position Sensor Circuit Range/Performance Bank 1 |
| P265C | "B" Rocker Arm Actuator Position Sensor Circuit Low Bank 1 |
| P265D | "B" Rocker Arm Actuator Position Sensor Circuit High Bank 1 |
| P265E | "B" Rocker Arm Actuator Position Sensor Circuit Intermittent/Erratic Bank 1 |
| P2665 | Fuel Shutoff Valve "B" Control Circuit/Open |
| P2668 | Fuel Mode Indicator Lamp Control Circuit |
| P2669 | Actuator Supply Voltage B Circuit/Open |
| P266A | 'A' Rocker Arm Actuator Position Sensor Circuit Bank 2 |
| DOCOD | 'A' Rocker Arm Actuator Position Sensor Circuit |
| P266B | Range/Performance Bank 2 |
| P266C | 'A' Rocker Arm Actuator Position Sensor Circuit Low Bank 2 |
| P266D | 'A' Rocker Arm Actuator Position Sensor Circuit High Bank 2 |
| P266E | 'A' Rocker Arm Actuator Position Sensor Circuit |
| | Intermittent/Erratic Bank 2 |



| Codes | Definition |
|----------------|--|
| P266F | ISO/SAE Reserved |
| P2670 | Actuator Supply Voltage B Circuit Low |
| P2671 | Actuator Supply Voltage B Circuit High |
| P2675 | Air Cleaner Inlet Control Circuit/Open |
| P267A | "B" Rocker Arm Actuator Position Sensor Circuit Bank 2 h |
| P267B | "B" Rocker Arm Actuator Position Sensor Circuit Range/Performance Bank 2 |
| P267C | "B" Rocker Arm Actuator Position Sensor Circuit Low Bank 2 |
| P267D | "B" Rocker Arm Actuator Position Sensor Circuit High Bank 2 |
| P267E | "B" Rocker Arm Actuator Position Sensor Circuit Intermittent/Erratic Bank 2 |
| P2680 | Coolant Degassing Valve Control Circuit High |
| P2681 | Engine Coolant Bypass Valve Control Circuit/Open |
| P2687 | Fuel Supply Heater Control Circuit/Open |
| P2688 | Fuel Supply Heater Control Circuit Low |
| P2689 | Fuel Supply Heater Control Circuit High |
| P268A | Fuel Injector Calibration Not Learned/Programmed |
| P268C | Cylinder 1 Injector Data Incompatible |
| P268D | Cylinder 2 Injector Data Incompatible |
| P268E | Cylinder 3 Injector Data Incompatible |
| P268F | Cylinder 4 Injector Data Incompatible |
| P2690 | Cylinder 5 Injector Data Incompatible |
| P2691 | Cylinder 6 Injector Data Incompatible |
| P2692 | Cylinder 7 Injector Data Incompatible |
| P2693 | Cylinder 8 Injector Data Incompatible |
| P2694 | Cylinder 9 Injector Data Incompatible |
| P2695 | Cylinder 10 Injector Data Incompatible |
| P2696 | Injector Data Incompatible |
| P2699 | Exhaust Aftertreatment Fuel Injector "A" Circuit Low |
| P26A3 | ISO/SAE Reserved |
| P26A4 | ISO/SAE Reserved |
| P26A5 | ISO/SAE Reserved |
| P26A6 | ISO/SAE Reserved |
| P26A7 | ISO/SAE Reserved |
| P26A8 | ISO/SAE Reserved |
| P26A9 | ISO/SAE Reserved |
| P26AA | ISO/SAE Reserved |
| P26AB | ISO/SAE Reserved |
| P26AC | ISO/SAE Reserved |
| P26AD | ISO/SAE Reserved |
| P26AE | ISO/SAE Reserved |
| P26AF D26D0 | ISO/SAE Reserved |
| P26B0 | ISO/SAE Reserved |
| P26B1 | ISO/SAE Reserved |



| Codes | |
|----------------|--------------------------------------|
| P26B2 | ISO/SAE Reserved |
| P26B3 | ISO/SAE Reserved |
| P26B4 | ISO/SAE Reserved |
| P26B5 | ISO/SAE Reserved |
| P26B6 | ISO/SAE Reserved |
| P26B7 | ISO/SAE Reserved |
| P26B8 | ISO/SAE Reserved |
| P26B9 | ISO/SAE Reserved |
| P26BA | ISO/SAE Reserved |
| P26BB | ISO/SAE Reserved |
| P26BC | ISO/SAE Reserved |
| P26BD | ISO/SAE Reserved |
| P26BE | ISO/SAE Reserved |
| P26BF | ISO/SAE Reserved |
| P26C0 | ISO/SAE Reserved |
| P26C1 | ISO/SAE Reserved |
| P26C2 | ISO/SAE Reserved |
| P26C3 | ISO/SAE Reserved |
| P26C4 | ISO/SAE Reserved |
| P26C5 | ISO/SAE Reserved |
| P26C6 | ISO/SAE Reserved |
| P26C7 | ISO/SAE Reserved |
| P26C8 | ISO/SAE Reserved |
| P26C9 | ISO/SAE Reserved |
| P26CA | ISO/SAE Reserved |
| P26CB | ISO/SAE Reserved |
| P26CC | ISO/SAE Reserved |
| P26CD | ISO/SAE Reserved |
| P26CE | ISO/SAE Reserved |
| P26CF | ISO/SAE Reserved |
| P26D0 P26D1 | ISO/SAE Reserved |
| P26D2 | ISO/SAE Reserved ISO/SAE Reserved |
| P26D2 P26D3 | ISO/SAE Reserved |
| P26D4 | ISO/SAE Reserved |
| P26D5 | ISO/SAE Reserved |
| P26D6 | ISO/SAE Reserved |
| P26D7 | ISO/SAE Reserved |
| P26D8 | ISO/SAE Reserved |
| P26D9 | ISO/SAE Reserved |
| P26DA | ISO/SAE Reserved |
| P26DB | ISO/SAE Reserved |
| P26DC | ISO/SAE Reserved |
| P26DD | ISO/SAE Reserved |
| - | , - |



| Codes | Definition |
|----------------|--|
| P26DE | ISO/SAE Reserved |
| P26DF | ISO/SAE Reserved |
| P26E0 | ISO/SAE Reserved |
| P26E1 | ISO/SAE Reserved |
| P26E2 | ISO/SAE Reserved |
| P26E3 | ISO/SAE Reserved |
| P26E4 | ISO/SAE Reserved |
| P26E5 | ISO/SAE Reserved |
| P26E6 | ISO/SAE Reserved |
| P26E7 | ISO/SAE Reserved |
| P26E8 | ISO/SAE Reserved |
| P26E9 | ISO/SAE Reserved |
| P26EA | ISO/SAE Reserved |
| P26EB | ISO/SAE Reserved |
| P26EC | ISO/SAE Reserved |
| P26ED | ISO/SAE Reserved |
| P26EE | ISO/SAE Reserved |
| P26EF | ISO/SAE Reserved |
| P26F0 | ISO/SAE Reserved |
| P26F1 | ISO/SAE Reserved |
| P26F2 | ISO/SAE Reserved |
| P26F3 | ISO/SAE Reserved |
| P26F4 | ISO/SAE Reserved |
| P26F5 | ISO/SAE Reserved |
| P26F6 | ISO/SAE Reserved |
| P26F7 | ISO/SAE Reserved |
| P26F8 | ISO/SAE Reserved |
| P26F9 | ISO/SAE Reserved |
| P26FA | ISO/SAE Reserved |
| P26FB | ISO/SAE Reserved |
| P26FC | ISO/SAE Reserved |
| P26FD | ISO/SAE Reserved |
| P26FE | ISO/SAE Reserved |
| P26FF | ISO/SAE Reserved |
| P270A | ISO/SAE Reserved |
| P270B | ISO/SAE Reserved |
| P270C | ISO/SAE Reserved |
| P270D | ISO/SAE Reserved |
| P270E | ISO/SAE Reserved |
| P270F | ISO/SAE Reserved |
| P2714 P2715 | Pressure Control Solenoid D Performance Or Stuck Off Pressure Control Solenoid D Stuck On |
| P2715 P2716 | Pressure Control Solenoid D Stuck On Pressure Control Solenoid D Electrical |
| 14/10 | |

Pressure Control Solenoid D Electrical P2716

P2717 Pressure Control Solenoid D Intermittent



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| Codes | Definition | |
|----------------|---|--|
| P2718 | Pressure Control Solenoid D Control Circuit/Open | |
| P2719 | Pressure Control Solenoid D Control Circuit Range/Performance | |
| P271A | ISO/SAE Reserved | |
| P271B | ISO/SAE Reserved | |
| P271C | ISO/SAE Reserved | |
| P271D | ISO/SAE Reserved | |
| P271E | ISO/SAE Reserved | |
| P271F | ISO/SAE Reserved | |
| P2720 | Pressure Control Solenoid D Control Circuit Low | |
| P2721 | Pressure Control Solenoid D Control Circuit High | |
| P2723 | Pressure Control Solenoid E Performance Or Stuck Off | |
| P2724 | Pressure Control Solenoid E Stuck On | |
| P2725 | Pressure Control Solenoid E Electrical | |
| P2726 | Pressure Control Solenoid E Intermittent | |
| P2727 | Pressure Control Solenoid E Control Circuit/Open | |
| P2728 | Pressure Control Solenoid E Control Circuit Range/Performance | |
| P2729 | Pressure Control Solenoid E Control Circuit Low | |
| P272A | ISO/SAE Reserved | |
| P272B | ISO/SAE Reserved | |
| P272C | ISO/SAE Reserved | |
| P272D | ISO/SAE Reserved | |
| P272E | ISO/SAE Reserved | |
| P272F | ISO/SAE Reserved | |
| P2730 | Pressure Control Solenoid E Control Circuit High | |
| P2736 | Pressure Control Solenoid F Control Circuit/Open | |
| P2737 | Pressure Control Solenoid F Control Circuit Range/Performance | |
| P2738 | Pressure Control Solenoid F Control Circuit Low | |
| P2739 | Pressure Control Solenoid F Control Circuit High | |
| P273C | ISO/SAE Reserved | |
| P273D | ISO/SAE Reserved | |
| P273E | ISO/SAE Reserved | |
| P273F | ISO/SAE Reserved | |
| P274A P274B | ISO/SAE Reserved ISO/SAE Reserved | |
| P274B P274C | ISO/SAE Reserved | |
| P274C P274D | ISO/SAE Reserved | |
| P274D P274E | ISO/SAE Reserved | |
| P274F | ISO/SAE Reserved | |
| P275A | ISO/SAE Reserved | |
| P275B | ISO/SAE Reserved | |
| P275C | ISO/SAE Reserved | |
| P275D | ISO/SAE Reserved | |
| P275E | ISO/SAE Reserved | |
| P275F | ISO/SAE Reserved | |
| | | |



| Codes | Definition | |
|--------------|--|--|
| P2761 | Torque Converter Clutch Pressure Control Solenoid Control Circuit/Open | |
| P2762 | Torque Converter Clutch Pressure Control Solenoid Control Circuit Range/Performance | |
| P2763 | Torque Converter Clutch Pressure Control Solenoid Control Circuit High | |
| P2764 | Torque Converter Clutch Pressure Control Solenoid Control Circuit Low | |
| P2769 | Torque Converter Clutch Circuit Low | |
| P276A | ISO/SAE Reserved | |
| P276B | ISO/SAE Reserved | |
| P276C | ISO/SAE Reserved | |
| P276D | ISO/SAE Reserved | |
| P276E | ISO/SAE Reserved | |
| P276F | ISO/SAE Reserved | |
| P2770 | Torque Converter Clutch Circuit High | |
| P2771 | Four Wheel Drive (4WD) Low Switch Circuit | |
| P277A | ISO/SAE Reserved | |
| P277B | ISO/SAE Reserved | |
| P277C | ISO/SAE Reserved | |
| P277D | ISO/SAE Reserved | |
| P277E | ISO/SAE Reserved | |
| P277F | ISO/SAE Reserved | |
| P2781 | Downshift Switch Circuit High | |
| P2796 | Auxiliary Transmission Fluid Pump Control Circuit/Open | |
| P2797 | Auxiliary Transmission Fluid Pump Performance | |
| P279A | Transfer Case Gear High Incorrect Ratio | |
| P279B | Transfer Case Gear Low Incorrect Ratio | |
| P279C | Transfer Case Gear Neutral Incorrect Ratio | |
| P279D | Four Wheel Drive (4WD) Range Signal Circuit | |
| P279E | Four Wheel Drive (4WD) Range Signal Circuit Range/Performance | |
| P279F | Four Wheel Drive (4WD) Range Signal Circuit Low | |
| P27A0 | Four Wheel Drive (4WD) Range Signal Circuit High | |
| P27A1 | ISO/SAE Reserved | |
| P27A2 | ISO/SAE Reserved | |
| P27A3 | ISO/SAE Reserved | |
| P27A4 | ISO/SAE Reserved | |
| P27A5 | ISO/SAE Reserved | |
| P27A6 | ISO/SAE Reserved | |
| P27A7 | ISO/SAE Reserved | |
| P27A8 | ISO/SAE Reserved | |
| P27A9 | ISO/SAE Reserved | |
| P27AA | ISO/SAE Reserved | |
| P27AB | ISO/SAE Reserved | |



| Codes | |
|--------------|------------------|
| P27AC | ISO/SAE Reserved |
| P27AD | ISO/SAE Reserved |
| P27AE | ISO/SAE Reserved |
| P27AF | ISO/SAE Reserved |
| P27B0 | ISO/SAE Reserved |
| P27B1 | ISO/SAE Reserved |
| P27B2 | ISO/SAE Reserved |
| P27B3 | ISO/SAE Reserved |
| P27B4 | ISO/SAE Reserved |
| P27B5 | ISO/SAE Reserved |
| P27B6 | ISO/SAE Reserved |
| P27B7 | ISO/SAE Reserved |
| P27B8 | ISO/SAE Reserved |
| P27B9 | ISO/SAE Reserved |
| P27BA | ISO/SAE Reserved |
| P27BB | ISO/SAE Reserved |
| P27BC | ISO/SAE Reserved |
| P27BD | ISO/SAE Reserved |
| P27BE | ISO/SAE Reserved |
| P27BF | ISO/SAE Reserved |
| P27C0 | ISO/SAE Reserved |
| P27C1 | ISO/SAE Reserved |
| P27C2 | ISO/SAE Reserved |
| P27C3 | ISO/SAE Reserved |
| P27C4 | ISO/SAE Reserved |
| P27C5 | ISO/SAE Reserved |
| P27C6 | ISO/SAE Reserved |
| P27C7 | ISO/SAE Reserved |
| P27C8 | ISO/SAE Reserved |
| P27C9 | ISO/SAE Reserved |
| P27CA | ISO/SAE Reserved |
| P27CB | ISO/SAE Reserved |
| P27CC | ISO/SAE Reserved |
| P27CD | ISO/SAE Reserved |
| P27CE | ISO/SAE Reserved |
| P27CF | ISO/SAE Reserved |
| P27D0 | ISO/SAE Reserved |
| P27D1 | ISO/SAE Reserved |
| P27D2 | ISO/SAE Reserved |
| P27D3 | ISO/SAE Reserved |
| P27D4 | ISO/SAE Reserved |
| P27D5 | ISO/SAE Reserved |
| P27D6 | ISO/SAE Reserved |
| P27D7 | ISO/SAE Reserved |

| Codes | Definition |
|--------------|--|
| P27D8 | ISO/SAE Reserved |
| P27D9 | ISO/SAE Reserved |
| P27DA | ISO/SAE Reserved |
| P27DB | ISO/SAE Reserved |
| P27DC | ISO/SAE Reserved |
| P27DD | ISO/SAE Reserved |
| P27DE | ISO/SAE Reserved |
| P27DF | ISO/SAE Reserved |
| P27E0 | ISO/SAE Reserved |
| P27E1 | ISO/SAE Reserved |
| P27E2 | ISO/SAE Reserved |
| P27E3 | ISO/SAE Reserved |
| P27E4 | ISO/SAE Reserved |
| P27E5 | ISO/SAE Reserved |
| P27E6 | ISO/SAE Reserved |
| P27E7 | ISO/SAE Reserved |
| P27E8 | ISO/SAE Reserved |
| P27E9 | ISO/SAE Reserved |
| P27EA | ISO/SAE Reserved |
| P27EB | ISO/SAE Reserved |
| P27EC | ISO/SAE Reserved |
| P27ED | ISO/SAE Reserved |
| P27EE | ISO/SAE Reserved |
| P27EF | ISO/SAE Reserved |
| P27F0 | ISO/SAE Reserved |
| P27F1 | ISO/SAE Reserved |
| P27F2 | ISO/SAE Reserved |
| P27F3 | ISO/SAE Reserved |
| P27F4 | ISO/SAE Reserved |
| P27F5 | ISO/SAE Reserved |
| P27F6 | ISO/SAE Reserved |
| P27F7 | ISO/SAE Reserved |
| P27F8 | ISO/SAE Reserved |
| P27F9 | ISO/SAE Reserved |
| P27FA | ISO/SAE Reserved |
| P27FB | ISO/SAE Reserved |
| P27FC | ISO/SAE Reserved |
| P27FD | ISO/SAE Reserved |
| P27FE | ISO/SAE Reserved |
| P27FF | ISO/SAE Reserved |
| P2804 | Transmission Range Sensor "B" Circuit High |
| P2808 | Pressure Control Solenoid G Performance Or Stuck Off |
| P2809 | Pressure Control Solenoid G Stuck On |

Transmission Range Sensor "A" Circuit Not Learned



P280A

| Codes | Definition |
|----------------|--|
| P280B | Transmission Range Sensor "B" Circuit Not Learned |
| P280C | ISO/SAE Reserved |
| P280D | ISO/SAE Reserved |
| P280E | ISO/SAE Reserved |
| P280F | ISO/SAE Reserved |
| P2810 | Pressure Control Solenoid G Electrical |
| P2812 | Pressure Control Solenoid G Control Circuit/Open |
| P2813 | Pressure Control Solenoid G Control Circuit Range/Performance |
| P2814 | Pressure Control Solenoid G Control Circuit Low |
| P2815 | Pressure Control Solenoid G Control Circuit High |
| P2816 | Pressure Control Solenoid H Malfunction |
| P2817 | Pressure Control Solenoid H Performance Or Stuck Off |
| P2818 | Pressure Control Solenoid H Stuck On |
| P281A | Pressure Control Solenoid H Intermittent |
| P281B | Pressure Control Solenoid H Control Circuit/Open |
| P281D | Pressure Control Solenoid H Control Circuit Low |
| P281E | Pressure Control Solenoid H Control Circuit High |
| P281F | Pressure Control Solenoid J Malfunction |
| P2820 | Pressure Control Solenoid J Performance Or Stuck Off |
| P2823 | Pressure Control Solenoid J Intermittent |
| P2824 | Pressure Control Solenoid J Control Circuit/Open |
| P2825 | Pressure Control Solenoid J Control Circuit Range/Performance |
| P2826 | Pressure Control Solenoid J Control Circuit Low |
| P2827 | Pressure Control Solenoid J Control Circuit High |
| P2828 | Pressure Control Solenoid K Malfunction |
| P282A P282C | Pressure Control Solenoid K Stuck On Pressure Control Solenoid K Intermittent |
| P282C P282D | Pressure Control Solenoid K Control Circuit/Open |
| P282E | Pressure Control Solenoid K Control Circuit Range/Performance |
| P282F | Pressure Control Solenoid K Control Circuit Kange/Terrormance |
| P2830 | Pressure Control Solenoid K Control Circuit Low |
| P285B | ISO/SAE Reserved |
| P285C | ISO/SAE Reserved |
| P285D | ISO/SAE Reserved |
| P285E | ISO/SAE Reserved |
| P285F | ISO/SAE Reserved |
| P2860 | ISO/SAE Reserved |
| P2861 | ISO/SAE Reserved |
| P2862 | ISO/SAE Reserved |
| P2863 | ISO/SAE Reserved |
| P2864 | ISO/SAE Reserved |
| P2865 | ISO/SAE Reserved |
| P2866 | ISO/SAE Reserved |
| P2867 | ISO/SAE Reserved |
| | |



| Codes | |
|----------------|--------------------------------------|
| P2868 | ISO/SAE Reserved |
| P2869 | ISO/SAE Reserved |
| P286A | ISO/SAE Reserved |
| P286B | ISO/SAE Reserved |
| P286C | ISO/SAE Reserved |
| P286D | ISO/SAE Reserved |
| P286E | ISO/SAE Reserved |
| P286F | ISO/SAE Reserved |
| P2870 | ISO/SAE Reserved |
| P2871 | ISO/SAE Reserved |
| P2872 | ISO/SAE Reserved |
| P2873 | ISO/SAE Reserved |
| P2874 | ISO/SAE Reserved |
| P2875 | ISO/SAE Reserved |
| P2876 | ISO/SAE Reserved |
| P2877 | ISO/SAE Reserved |
| P2878 | ISO/SAE Reserved |
| P2879 | ISO/SAE Reserved |
| P287A | ISO/SAE Reserved |
| P287B | ISO/SAE Reserved |
| P287C | ISO/SAE Reserved |
| P287D | ISO/SAE Reserved |
| P287E | ISO/SAE Reserved |
| P287F | ISO/SAE Reserved |
| P2880 | ISO/SAE Reserved |
| P2881 | ISO/SAE Reserved |
| P2882 | ISO/SAE Reserved |
| P2883 | ISO/SAE Reserved |
| P2884 | ISO/SAE Reserved |
| P2885 | ISO/SAE Reserved |
| P2886 P2887 | ISO/SAE Reserved ISO/SAE Reserved |
| P2888 | ISO/SAE Reserved |
| P2889 | ISO/SAE Reserved |
| P288A | ISO/SAE Reserved |
| P288B | ISO/SAE Reserved |
| P288C | ISO/SAE Reserved |
| P288D | ISO/SAE Reserved |
| P288E | ISO/SAE Reserved |
| P288F | ISO/SAE Reserved |
| P2890 | ISO/SAE Reserved |
| P2891 | ISO/SAE Reserved |
| P2892 | ISO/SAE Reserved |
| P2893 | ISO/SAE Reserved |
| = = = = = = = | |

| P2894ISO/SAE ReservedP2895ISO/SAE ReservedP2896ISO/SAE ReservedP2897ISO/SAE ReservedP2898ISO/SAE ReservedP2899ISO/SAE ReservedP2898ISO/SAE ReservedP2899ISO/SAE ReservedP2898ISO/SAE ReservedP2899ISO/SAE ReservedP2890ISO/SAE ReservedP2891ISO/SAE ReservedP2892ISO/SAE ReservedP2894ISO/SAE ReservedP2895ISO/SAE ReservedP2896ISO/SAE ReservedP2897ISO/SAE ReservedP2898ISO/SAE ReservedP2840ISO/SAE ReservedP2841ISO/SAE ReservedP2843ISO/SAE ReservedP2844ISO/SAE ReservedP2845ISO/SAE ReservedP2846ISO/SAE ReservedP2847ISO/SAE ReservedP2848ISO/SAE ReservedP2848ISO/SAE ReservedP2848ISO/SAE ReservedP2848ISO/SAE ReservedP2848ISO/SAE ReservedP2841ISO/SAE ReservedP2845ISO/SAE ReservedP2845ISO/SAE ReservedP2845ISO/SAE ReservedP2846ISO/SAE ReservedP2847ISO/SAE ReservedP2848ISO/SAE ReservedP2848ISO/SAE ReservedP2849ISO/SAE ReservedP2844ISO/SAE ReservedP2845ISO/SAE ReservedP2846ISO/SAE ReservedP2845 | Codes | |
|--|-------|------------------|
| P2896ISO/SAE ReservedP2897ISO/SAE ReservedP2898ISO/SAE ReservedP2899ISO/SAE ReservedP2899ISO/SAE ReservedP2898ISO/SAE ReservedP2898ISO/SAE ReservedP2898ISO/SAE ReservedP2899ISO/SAE ReservedP2891ISO/SAE ReservedP2892ISO/SAE ReservedP2894ISO/SAE ReservedP2895ISO/SAE ReservedP2840ISO/SAE ReservedP2841ISO/SAE ReservedP2843ISO/SAE ReservedP2844ISO/SAE ReservedP2845ISO/SAE ReservedP2846ISO/SAE ReservedP2847ISO/SAE ReservedP2848ISO/SAE ReservedP2848ISO/SAE ReservedP2848ISO/SAE ReservedP2848ISO/SAE ReservedP2848ISO/SAE ReservedP2848ISO/SAE ReservedP2848ISO/SAE ReservedP2848ISO/SAE ReservedP2848ISO/SAE ReservedP28481ISO/SAE ReservedP28482ISO/SAE ReservedP28483ISO/SAE ReservedP28484ISO/SAE ReservedP2845ISO/SAE ReservedP2846ISO/SAE ReservedP2847ISO/SAE ReservedP28484ISO/SAE ReservedP28485ISO/SAE ReservedP28484ISO/SAE ReservedP28485ISO/SAE ReservedP28486ISO/SAE ReservedP28486ISO/SAE ReservedP284 | P2894 | ISO/SAE Reserved |
| P2897ISO/SAE ReservedP2898ISO/SAE ReservedP2899ISO/SAE ReservedP289AISO/SAE ReservedP289BISO/SAE ReservedP289CISO/SAE ReservedP289DISO/SAE ReservedP289EISO/SAE ReservedP289FISO/SAE ReservedP28A0ISO/SAE ReservedP28A1ISO/SAE ReservedP28A3ISO/SAE ReservedP28A4ISO/SAE ReservedP28A5ISO/SAE ReservedP28A6ISO/SAE ReservedP28A7ISO/SAE ReservedP28A8ISO/SAE ReservedP28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28A8ISO/SAE ReservedP28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28A1ISO/SAE ReservedP28A2ISO/SAE ReservedP28A3ISO/SAE ReservedP28A4ISO/SAE ReservedP28A5ISO/SAE ReservedP28A6ISO/SAE ReservedP28A7ISO/SAE ReservedP28A8ISO/SAE ReservedP28A5ISO/SAE ReservedP28A6ISO/SAE ReservedP28A7ISO/SAE ReservedP28B8ISO/SAE ReservedP28B3ISO/SAE ReservedP28B4ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8 | P2895 | ISO/SAE Reserved |
| P2898ISO/SAE ReservedP2899ISO/SAE ReservedP289AISO/SAE ReservedP289BISO/SAE ReservedP289CISO/SAE ReservedP289DISO/SAE ReservedP289EISO/SAE ReservedP289FISO/SAE ReservedP28A0ISO/SAE ReservedP28A1ISO/SAE ReservedP28A3ISO/SAE ReservedP28A4ISO/SAE ReservedP28A5ISO/SAE ReservedP28A6ISO/SAE ReservedP28A7ISO/SAE ReservedP28A8ISO/SAE ReservedP28A8ISO/SAE ReservedP28A8ISO/SAE ReservedP28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28A8ISO/SAE ReservedP28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28A1ISO/SAE ReservedP28A5ISO/SAE ReservedP28A6ISO/SAE ReservedP28A7ISO/SAE ReservedP28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28A1ISO/SAE ReservedP28A5ISO/SAE ReservedP28A6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B3ISO/SAE ReservedP28B4ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8 | P2896 | ISO/SAE Reserved |
| P2899ISO/SAE ReservedP289AISO/SAE ReservedP289BISO/SAE ReservedP289CISO/SAE ReservedP289DISO/SAE ReservedP289EISO/SAE ReservedP289FISO/SAE ReservedP28A0ISO/SAE ReservedP28A1ISO/SAE ReservedP28A3ISO/SAE ReservedP28A4ISO/SAE ReservedP28A5ISO/SAE ReservedP28A6ISO/SAE ReservedP28A7ISO/SAE ReservedP28A8ISO/SAE ReservedP28A8ISO/SAE ReservedP28A8ISO/SAE ReservedP28A8ISO/SAE ReservedP28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28A5ISO/SAE ReservedP28A6ISO/SAE ReservedP28A7ISO/SAE ReservedP28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28A1ISO/SAE ReservedP28A5ISO/SAE ReservedP28A6ISO/SAE ReservedP28A7ISO/SAE ReservedP28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28A6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B3ISO/SAE ReservedP28B4ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B6 | P2897 | ISO/SAE Reserved |
| P289AISO/SAE ReservedP289BISO/SAE ReservedP289CISO/SAE ReservedP289DISO/SAE ReservedP289EISO/SAE ReservedP289FISO/SAE ReservedP28A0ISO/SAE ReservedP28A1ISO/SAE ReservedP28A2ISO/SAE ReservedP28A3ISO/SAE ReservedP28A4ISO/SAE ReservedP28A5ISO/SAE ReservedP28A6ISO/SAE ReservedP28A7ISO/SAE ReservedP28A8ISO/SAE ReservedP28A8ISO/SAE ReservedP28A8ISO/SAE ReservedP28A8ISO/SAE ReservedP28A8ISO/SAE ReservedP28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28A1ISO/SAE ReservedP28A5ISO/SAE ReservedP28A6ISO/SAE ReservedP28A7ISO/SAE ReservedP28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28A1ISO/SAE ReservedP28A5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8 | P2898 | ISO/SAE Reserved |
| P289BISO/SAE ReservedP289CISO/SAE ReservedP289DISO/SAE ReservedP289EISO/SAE ReservedP289FISO/SAE ReservedP28A0ISO/SAE ReservedP28A1ISO/SAE ReservedP28A2ISO/SAE ReservedP28A3ISO/SAE ReservedP28A4ISO/SAE ReservedP28A5ISO/SAE ReservedP28A6ISO/SAE ReservedP28A7ISO/SAE ReservedP28A8ISO/SAE ReservedP28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28A8ISO/SAE ReservedP28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28A8ISO/SAE ReservedP28A8ISO/SAE ReservedP28A8ISO/SAE ReservedP28A5ISO/SAE ReservedP28A6ISO/SAE ReservedP28A7ISO/SAE ReservedP28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28A1ISO/SAE ReservedP28A5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B3ISO/SAE ReservedP28B4ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B9ISO/SAE ReservedP28B4ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8 | P2899 | ISO/SAE Reserved |
| P289CISO/SAE ReservedP289DISO/SAE ReservedP289EISO/SAE ReservedP289FISO/SAE ReservedP28A0ISO/SAE ReservedP28A1ISO/SAE ReservedP28A2ISO/SAE ReservedP28A3ISO/SAE ReservedP28A4ISO/SAE ReservedP28A5ISO/SAE ReservedP28A6ISO/SAE ReservedP28A7ISO/SAE ReservedP28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28A1ISO/SAE ReservedP28A2ISO/SAE ReservedP28A3ISO/SAE ReservedP28A4ISO/SAE ReservedP28A5ISO/SAE ReservedP28A6ISO/SAE ReservedP28A7ISO/SAE ReservedP28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28A1ISO/SAE ReservedP28A5ISO/SAE ReservedP28B1ISO/SAE ReservedP28B3ISO/SAE ReservedP28B4ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE ReservedP28B9ISO/SAE ReservedP28B4ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE ReservedP28B9 | P289A | ISO/SAE Reserved |
| P289DISO/SAE ReservedP289FISO/SAE ReservedP28A0ISO/SAE ReservedP28A1ISO/SAE ReservedP28A2ISO/SAE ReservedP28A3ISO/SAE ReservedP28A4ISO/SAE ReservedP28A5ISO/SAE ReservedP28A6ISO/SAE ReservedP28A7ISO/SAE ReservedP28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28A8ISO/SAE ReservedP28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28A1ISO/SAE ReservedP28A5ISO/SAE ReservedP28A6ISO/SAE ReservedP28A7ISO/SAE ReservedP28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28A1ISO/SAE ReservedP28A5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B3ISO/SAE ReservedP28B4ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7 | P289B | ISO/SAE Reserved |
| P289EISO/SAE ReservedP289FISO/SAE ReservedP28A0ISO/SAE ReservedP28A1ISO/SAE ReservedP28A2ISO/SAE ReservedP28A3ISO/SAE ReservedP28A4ISO/SAE ReservedP28A5ISO/SAE ReservedP28A6ISO/SAE ReservedP28A7ISO/SAE ReservedP28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28A8ISO/SAE ReservedP28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28A1ISO/SAE ReservedP28A2ISO/SAE ReservedP28A3ISO/SAE ReservedP28A4ISO/SAE ReservedP28A5ISO/SAE ReservedP28A6ISO/SAE ReservedP28A7ISO/SAE ReservedP28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28B1ISO/SAE ReservedP28B2ISO/SAE ReservedP28B3ISO/SAE ReservedP28B4ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B9ISO/SAE ReservedP28B4ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE ReservedP28B9ISO/SAE ReservedP28B6 | P289C | ISO/SAE Reserved |
| P289FISO/SAE ReservedP28A0ISO/SAE ReservedP28A1ISO/SAE ReservedP28A2ISO/SAE ReservedP28A3ISO/SAE ReservedP28A4ISO/SAE ReservedP28A5ISO/SAE ReservedP28A6ISO/SAE ReservedP28A7ISO/SAE ReservedP28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28A1ISO/SAE ReservedP28A2ISO/SAE ReservedP28A3ISO/SAE ReservedP28A4ISO/SAE ReservedP28A5ISO/SAE ReservedP28A6ISO/SAE ReservedP28A7ISO/SAE ReservedP28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28A1ISO/SAE ReservedP28A5ISO/SAE ReservedP28A6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B3ISO/SAE ReservedP28B4ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE ReservedP28B9ISO/SAE ReservedP28B4ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE ReservedP28B9ISO/SAE ReservedP28B4ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7 | P289D | ISO/SAE Reserved |
| P28A0ISO/SAE ReservedP28A1ISO/SAE ReservedP28A2ISO/SAE ReservedP28A3ISO/SAE ReservedP28A4ISO/SAE ReservedP28A5ISO/SAE ReservedP28A6ISO/SAE ReservedP28A7ISO/SAE ReservedP28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28A8ISO/SAE ReservedP28A5ISO/SAE ReservedP28A6ISO/SAE ReservedP28A7ISO/SAE ReservedP28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28A1ISO/SAE ReservedP28B2ISO/SAE ReservedP28B3ISO/SAE ReservedP28B4ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B9ISO/SAE ReservedP28B4ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B9ISO/SAE ReservedP28B6ISO/SAE ReservedP28B8 | P289E | ISO/SAE Reserved |
| P28A1ISO/SAE ReservedP28A2ISO/SAE ReservedP28A3ISO/SAE ReservedP28A4ISO/SAE ReservedP28A5ISO/SAE ReservedP28A6ISO/SAE ReservedP28A7ISO/SAE ReservedP28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28A8ISO/SAE ReservedP28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28A1ISO/SAE ReservedP28A2ISO/SAE ReservedP28A5ISO/SAE ReservedP28A6ISO/SAE ReservedP28A7ISO/SAE ReservedP28A8ISO/SAE ReservedP28A7ISO/SAE ReservedP28B3ISO/SAE ReservedP28B4ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B9 | | ISO/SAE Reserved |
| P28A2ISO/SAE ReservedP28A3ISO/SAE ReservedP28A4ISO/SAE ReservedP28A5ISO/SAE ReservedP28A6ISO/SAE ReservedP28A7ISO/SAE ReservedP28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28A1ISO/SAE ReservedP28A2ISO/SAE ReservedP28A5ISO/SAE ReservedP28A6ISO/SAE ReservedP28A7ISO/SAE ReservedP28A8ISO/SAE ReservedP28A5ISO/SAE ReservedP28A6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B3ISO/SAE ReservedP28B4ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B9ISO/SAE ReservedP28B0ISO/SAE ReservedP28B2 | | |
| P28A3ISO/SAE ReservedP28A4ISO/SAE ReservedP28A5ISO/SAE ReservedP28A6ISO/SAE ReservedP28A7ISO/SAE ReservedP28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28A1ISO/SAE ReservedP28A2ISO/SAE ReservedP28A5ISO/SAE ReservedP28A6ISO/SAE ReservedP28A7ISO/SAE ReservedP28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28B1ISO/SAE ReservedP28B2ISO/SAE ReservedP28B3ISO/SAE ReservedP28B4ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B9ISO/SAE ReservedP28B4ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8 | | |
| P28A4ISO/SAE ReservedP28A5ISO/SAE ReservedP28A6ISO/SAE ReservedP28A7ISO/SAE ReservedP28A7ISO/SAE ReservedP28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28A8ISO/SAE ReservedP28A8ISO/SAE ReservedP28A5ISO/SAE ReservedP28A6ISO/SAE ReservedP28A7ISO/SAE ReservedP28A8ISO/SAE ReservedP28A5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8 | | |
| P28A5ISO/SAE ReservedP28A6ISO/SAE ReservedP28A7ISO/SAE ReservedP28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28A9ISO/SAE ReservedP28A0ISO/SAE ReservedP28A1ISO/SAE ReservedP28A2ISO/SAE ReservedP28A5ISO/SAE ReservedP28A6ISO/SAE ReservedP28A7ISO/SAE ReservedP28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28A1ISO/SAE ReservedP28B2ISO/SAE ReservedP28B3ISO/SAE ReservedP28B4ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8 | | |
| P28A6ISO/SAE ReservedP28A7ISO/SAE ReservedP28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28A4ISO/SAE ReservedP28A5ISO/SAE ReservedP28A6ISO/SAE ReservedP28A7ISO/SAE ReservedP28A8ISO/SAE ReservedP28A7ISO/SAE ReservedP28A8ISO/SAE ReservedP28A7ISO/SAE ReservedP28A8ISO/SAE ReservedP28A7ISO/SAE ReservedP28B1ISO/SAE ReservedP28B2ISO/SAE ReservedP28B3ISO/SAE ReservedP28B4ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8 | | |
| P28A7ISO/SAE ReservedP28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28A9ISO/SAE ReservedP28A8ISO/SAE ReservedP28A8ISO/SAE ReservedP28A7ISO/SAE ReservedP28A8ISO/SAE ReservedP28A7ISO/SAE ReservedP28A8ISO/SAE ReservedP28A7ISO/SAE ReservedP28A7ISO/SAE ReservedP28B1ISO/SAE ReservedP28B2ISO/SAE ReservedP28B3ISO/SAE ReservedP28B4ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE Reserved | | |
| P28A8ISO/SAE ReservedP28A9ISO/SAE ReservedP28AAISO/SAE ReservedP28ABISO/SAE ReservedP28ACISO/SAE ReservedP28ADISO/SAE ReservedP28AEISO/SAE ReservedP28AFISO/SAE ReservedP28B1ISO/SAE ReservedP28B2ISO/SAE ReservedP28B3ISO/SAE ReservedP28B4ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE ReservedP28B9ISO/SAE ReservedP28B4ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE ReservedP28B9ISO/SAE ReservedP28B4ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B9ISO/SAE ReservedP28B0ISO/SAE ReservedP28B1 | | |
| P28A9ISO/SAE ReservedP28AAISO/SAE ReservedP28ABISO/SAE ReservedP28ACISO/SAE ReservedP28ADISO/SAE ReservedP28AEISO/SAE ReservedP28AFISO/SAE ReservedP28B0ISO/SAE ReservedP28B1ISO/SAE ReservedP28B2ISO/SAE ReservedP28B3ISO/SAE ReservedP28B4ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B9ISO/SAE ReservedP28B4ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B9ISO/SAE ReservedP28B0ISO/SAE ReservedP28B1ISO/SAE ReservedP28B2ISO/SAE Reserved | | |
| P28AAISO/SAE ReservedP28ABISO/SAE ReservedP28ACISO/SAE ReservedP28ADISO/SAE ReservedP28AEISO/SAE ReservedP28AFISO/SAE ReservedP28B0ISO/SAE ReservedP28B1ISO/SAE ReservedP28B2ISO/SAE ReservedP28B3ISO/SAE ReservedP28B4ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE ReservedP28B9ISO/SAE ReservedP28B8ISO/SAE ReservedP28B9ISO/SAE Reserved | | |
| P28ABISO/SAE ReservedP28ACISO/SAE ReservedP28ADISO/SAE ReservedP28AEISO/SAE ReservedP28AFISO/SAE ReservedP28B0ISO/SAE ReservedP28B1ISO/SAE ReservedP28B2ISO/SAE ReservedP28B3ISO/SAE ReservedP28B4ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B4ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE ReservedP28B9ISO/SAE Reserved | | |
| P28ACISO/SAE ReservedP28ADISO/SAE ReservedP28AEISO/SAE ReservedP28AFISO/SAE ReservedP28B0ISO/SAE ReservedP28B1ISO/SAE ReservedP28B2ISO/SAE ReservedP28B3ISO/SAE ReservedP28B4ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE Reserved | | |
| P28ADISO/SAE ReservedP28AEISO/SAE ReservedP28AFISO/SAE ReservedP28B0ISO/SAE ReservedP28B1ISO/SAE ReservedP28B2ISO/SAE ReservedP28B3ISO/SAE ReservedP28B4ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE Reserved | | - |
| P28AEISO/SAE ReservedP28AFISO/SAE ReservedP28B0ISO/SAE ReservedP28B1ISO/SAE ReservedP28B2ISO/SAE ReservedP28B3ISO/SAE ReservedP28B4ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE Reserved | | |
| P28AFISO/SAE ReservedP28B0ISO/SAE ReservedP28B1ISO/SAE ReservedP28B2ISO/SAE ReservedP28B3ISO/SAE ReservedP28B4ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE ReservedP28B9ISO/SAE ReservedP28B4ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE ReservedP28B9ISO/SAE ReservedP28B4ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B6ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE Reserved | - | |
| P28B0ISO/SAE ReservedP28B1ISO/SAE ReservedP28B2ISO/SAE ReservedP28B3ISO/SAE ReservedP28B4ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE Reserved | | |
| P28B1ISO/SAE ReservedP28B2ISO/SAE ReservedP28B3ISO/SAE ReservedP28B3ISO/SAE ReservedP28B4ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE ReservedP28B9ISO/SAE ReservedP28B4ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP2886ISO/SAE ReservedP2887ISO/SAE Reserved | | |
| P28B2ISO/SAE ReservedP28B3ISO/SAE ReservedP28B4ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE ReservedP28B9ISO/SAE ReservedP28B4ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B0ISO/SAE ReservedP28B1ISO/SAE ReservedP28B2ISO/SAE Reserved | | |
| P28B3ISO/SAE ReservedP28B4ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE ReservedP28B9ISO/SAE ReservedP28B4ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B8ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP2886ISO/SAE Reserved | - | |
| P28B4ISO/SAE ReservedP28B5ISO/SAE ReservedP28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE ReservedP28B9ISO/SAE ReservedP28BAISO/SAE ReservedP28BBISO/SAE ReservedP28BBISO/SAE ReservedP28BBISO/SAE ReservedP28BCISO/SAE ReservedP28BDISO/SAE ReservedP28BEISO/SAE Reserved | | |
| P28B6ISO/SAE ReservedP28B7ISO/SAE ReservedP28B8ISO/SAE ReservedP28B9ISO/SAE ReservedP28BAISO/SAE ReservedP28BBISO/SAE ReservedP28BCISO/SAE ReservedP28BDISO/SAE ReservedP28BEISO/SAE Reserved | | |
| P28B7ISO/SAE ReservedP28B8ISO/SAE ReservedP28B9ISO/SAE ReservedP28BAISO/SAE ReservedP28BBISO/SAE ReservedP28BCISO/SAE ReservedP28BDISO/SAE ReservedP28BEISO/SAE Reserved | P28B5 | ISO/SAE Reserved |
| P28B8ISO/SAE ReservedP28B9ISO/SAE ReservedP28BAISO/SAE ReservedP28BBISO/SAE ReservedP28BCISO/SAE ReservedP28BDISO/SAE ReservedP28BEISO/SAE Reserved | P28B6 | ISO/SAE Reserved |
| P28B9ISO/SAE ReservedP28BAISO/SAE ReservedP28BBISO/SAE ReservedP28BCISO/SAE ReservedP28BDISO/SAE ReservedP28BEISO/SAE Reserved | P28B7 | ISO/SAE Reserved |
| P28BAISO/SAE ReservedP28BBISO/SAE ReservedP28BCISO/SAE ReservedP28BDISO/SAE ReservedP28BEISO/SAE Reserved | P28B8 | ISO/SAE Reserved |
| P28BBISO/SAE ReservedP28BCISO/SAE ReservedP28BDISO/SAE ReservedP28BEISO/SAE Reserved | P28B9 | ISO/SAE Reserved |
| P28BCISO/SAE ReservedP28BDISO/SAE ReservedP28BEISO/SAE Reserved | P28BA | ISO/SAE Reserved |
| P28BDISO/SAE ReservedP28BEISO/SAE Reserved | P28BB | ISO/SAE Reserved |
| P28BE ISO/SAE Reserved | P28BC | ISO/SAE Reserved |
| | P28BD | ISO/SAE Reserved |
| P28BF ISO/SAE Reserved | P28BE | ISO/SAE Reserved |
| | P28BF | ISO/SAE Reserved |

| Codes | |
|----------------|--------------------------------------|
| P28C0 | ISO/SAE Reserved |
| P28C1 | ISO/SAE Reserved |
| P28C2 | ISO/SAE Reserved |
| P28C3 | ISO/SAE Reserved |
| P28C4 | ISO/SAE Reserved |
| P28C5 | ISO/SAE Reserved |
| P28C6 | ISO/SAE Reserved |
| P28C7 | ISO/SAE Reserved |
| P28C8 | ISO/SAE Reserved |
| P28C9 | ISO/SAE Reserved |
| P28CA | ISO/SAE Reserved |
| P28CB | ISO/SAE Reserved |
| P28CC | ISO/SAE Reserved |
| P28CD | ISO/SAE Reserved |
| P28CE | ISO/SAE Reserved |
| P28CF | ISO/SAE Reserved |
| P28D0 | ISO/SAE Reserved |
| P28D1 | ISO/SAE Reserved |
| P28D2 | ISO/SAE Reserved |
| P28D3 | ISO/SAE Reserved |
| P28D4 | ISO/SAE Reserved |
| P28D5 | ISO/SAE Reserved |
| P28D6 | ISO/SAE Reserved |
| P28D7 | ISO/SAE Reserved |
| P28D8 | ISO/SAE Reserved |
| P28D9 | ISO/SAE Reserved |
| P28DA | ISO/SAE Reserved |
| P28DB | ISO/SAE Reserved |
| P28DC | ISO/SAE Reserved |
| P28DD | ISO/SAE Reserved |
| P28DE | ISO/SAE Reserved |
| P28DF | ISO/SAE Reserved |
| P28E0 | ISO/SAE Reserved |
| P28E1 | ISO/SAE Reserved |
| P28E2 P28E3 | ISO/SAE Reserved ISO/SAE Reserved |
| P28E4 | |
| P28E5 | ISO/SAE Reserved ISO/SAE Reserved |
| P28E6 | ISO/SAE Reserved |
| P28E7 | ISO/SAE Reserved |
| P28E7 P28E8 | ISO/SAE Reserved |
| P28E9 | ISO/SAE Reserved |
| P28EA | ISO/SAE Reserved |
| P28EB | ISO/SAE Reserved |
| 1 2010 | 190/94E IVESELVEN |

| Codes | Definition |
|----------------|---|
| P28EC | ISO/SAE Reserved |
| P28ED | ISO/SAE Reserved |
| P28EE | ISO/SAE Reserved |
| P28EF | ISO/SAE Reserved |
| P28F0 | ISO/SAE Reserved |
| P28F1 | ISO/SAE Reserved |
| P28F2 | ISO/SAE Reserved |
| P28F3 | ISO/SAE Reserved |
| P28F4 | ISO/SAE Reserved |
| P28F5 | ISO/SAE Reserved |
| P28F6 | ISO/SAE Reserved |
| P28F7 | ISO/SAE Reserved |
| P28F8 | ISO/SAE Reserved |
| P28F9 | ISO/SAE Reserved |
| P28FA | ISO/SAE Reserved |
| P28FB | ISO/SAE Reserved |
| P28FC | ISO/SAE Reserved |
| P28FD | ISO/SAE Reserved |
| P28FE | ISO/SAE Reserved |
| P28FF | ISO/SAE Reserved |
| P2900 | ISO/SAE Reserved |
| P2A00 | O2 Sensor Circuit Range/Performance Bank 1 Sensor 1 |
| P2A01 | O2 Sensor Circuit Range/Performance Bank 1 Sensor 2 |
| P2A03 | O2 Sensor Circuit Range/Performance Bank 2 Sensor 1 |
| P2A04 | O2 Sensor Circuit Range/Performance Bank 2 Sensor 2 |
| P2A07 | O2 Sensor Negative Voltage Bank 1 Sensor 2 |
| P2A09 | O2 Sensor Negative Voltage Bank 2 Sensor 1 |
| P2A0A | ISO/SAE Reserved |
| P2A0B | ISO/SAE Reserved |
| P2A0C | ISO/SAE Reserved |
| P2A0D | ISO/SAE Reserved |
| P2A0E | ISO/SAE Reserved |
| P2A0F | ISO/SAE Reserved |
| P2A12 P2A13 | ISO/SAE Reserved ISO/SAE Reserved |
| P2A13 P2A14 | ISO/SAE Reserved |
| P2A15 | ISO/SAE Reserved |
| P2A16 | ISO/SAE Reserved |
| P2A17 | ISO/SAE Reserved |
| P2A18 | ISO/SAE Reserved |
| P2A19 | ISO/SAE Reserved |
| P2A1A | ISO/SAE Reserved |
| P2A1B | ISO/SAE Reserved |
| P2A1C | ISO/SAE Reserved |
| 1 4/110 | |



| Codes | |
|----------------|--------------------------------------|
| P2A1D | ISO/SAE Reserved |
| P2A1E | ISO/SAE Reserved |
| P2A1F | ISO/SAE Reserved |
| P2A20 | ISO/SAE Reserved |
| P2A21 | ISO/SAE Reserved |
| P2A22 | ISO/SAE Reserved |
| P2A23 | ISO/SAE Reserved |
| P2A24 | ISO/SAE Reserved |
| P2A25 | ISO/SAE Reserved |
| P2A26 | ISO/SAE Reserved |
| P2A27 | ISO/SAE Reserved |
| P2A28 | ISO/SAE Reserved |
| P2A29 | ISO/SAE Reserved |
| P2A2A | ISO/SAE Reserved |
| P2A2B | ISO/SAE Reserved |
| P2A2C | ISO/SAE Reserved |
| P2A2D | ISO/SAE Reserved |
| P2A2E | ISO/SAE Reserved |
| P2A2F | ISO/SAE Reserved |
| P2A30 | ISO/SAE Reserved |
| P2A31 | ISO/SAE Reserved |
| P2A32 | ISO/SAE Reserved |
| P2A33 | ISO/SAE Reserved |
| P2A34 | ISO/SAE Reserved |
| P2A35 | ISO/SAE Reserved |
| P2A36 | ISO/SAE Reserved |
| P2A37 P2A38 | ISO/SAE Reserved ISO/SAE Reserved |
| P2A38 P2A39 | |
| P2A39 P2A3A | ISO/SAE Reserved ISO/SAE Reserved |
| P2A3A P2A3B | ISO/SAE Reserved |
| P2A3C | ISO/SAE Reserved |
| P2A3D | ISO/SAE Reserved |
| P2A3E | ISO/SAE Reserved |
| P2A3F | ISO/SAE Reserved |
| P2A40 | ISO/SAE Reserved |
| P2A41 | ISO/SAE Reserved |
| P2A42 | ISO/SAE Reserved |
| P2A43 | ISO/SAE Reserved |
| P2A44 | ISO/SAE Reserved |
| P2A45 | ISO/SAE Reserved |
| P2A46 | ISO/SAE Reserved |
| P2A47 | ISO/SAE Reserved |
| P2A48 | ISO/SAE Reserved |
| | |



| Codes | |
|----------------|--------------------------------------|
| P2A49 | ISO/SAE Reserved |
| P2A4A | ISO/SAE Reserved |
| P2A4B | ISO/SAE Reserved |
| P2A4C | ISO/SAE Reserved |
| P2A4D | ISO/SAE Reserved |
| P2A4E | ISO/SAE Reserved |
| P2A4F | ISO/SAE Reserved |
| P2A50 | ISO/SAE Reserved |
| P2A51 | ISO/SAE Reserved |
| P2A52 | ISO/SAE Reserved |
| P2A53 | ISO/SAE Reserved |
| P2A54 | ISO/SAE Reserved |
| P2A55 | ISO/SAE Reserved |
| P2A56 | ISO/SAE Reserved |
| P2A57 | ISO/SAE Reserved |
| P2A58 | ISO/SAE Reserved |
| P2A59 | ISO/SAE Reserved |
| P2A5A | ISO/SAE Reserved |
| P2A5B | ISO/SAE Reserved |
| P2A5C | ISO/SAE Reserved |
| P2A5D | ISO/SAE Reserved |
| P2A5E | ISO/SAE Reserved |
| P2A5F | ISO/SAE Reserved |
| P2A60 | ISO/SAE Reserved |
| P2A61 | ISO/SAE Reserved |
| P2A62 | ISO/SAE Reserved |
| P2A63 | ISO/SAE Reserved |
| P2A64 | ISO/SAE Reserved |
| P2A65 P2A66 | ISO/SAE Reserved ISO/SAE Reserved |
| P2A60 P2A67 | ISO/SAE Reserved |
| P2A68 | ISO/SAE Reserved |
| P2A69 | ISO/SAE Reserved |
| P2A6A | ISO/SAE Reserved |
| P2A6B | ISO/SAE Reserved |
| P2A6C | ISO/SAE Reserved |
| P2A6D | ISO/SAE Reserved |
| P2A6E | ISO/SAE Reserved |
| P2A6F | ISO/SAE Reserved |
| P2A70 | ISO/SAE Reserved |
| P2A71 | ISO/SAE Reserved |
| P2A72 | ISO/SAE Reserved |
| P2A73 | ISO/SAE Reserved |
| P2A74 | ISO/SAE Reserved |
| | |

| Codes | |
|----------------|--------------------------------------|
| P2A75 | ISO/SAE Reserved |
| P2A76 | ISO/SAE Reserved |
| P2A77 | ISO/SAE Reserved |
| P2A78 | ISO/SAE Reserved |
| P2A79 | ISO/SAE Reserved |
| P2A7A | ISO/SAE Reserved |
| P2A7B | ISO/SAE Reserved |
| P2A7C | ISO/SAE Reserved |
| P2A7D | ISO/SAE Reserved |
| P2A7E | ISO/SAE Reserved |
| P2A7F | ISO/SAE Reserved |
| P2A80 | ISO/SAE Reserved |
| P2A81 | ISO/SAE Reserved |
| P2A82 | ISO/SAE Reserved |
| P2A83 | ISO/SAE Reserved |
| P2A84 | ISO/SAE Reserved |
| P2A85 | ISO/SAE Reserved |
| P2A86 | ISO/SAE Reserved |
| P2A87 | ISO/SAE Reserved |
| P2A88 | ISO/SAE Reserved |
| P2A89 | ISO/SAE Reserved |
| P2A8A | ISO/SAE Reserved |
| P2A8B | ISO/SAE Reserved |
| P2A8C | ISO/SAE Reserved |
| P2A8D | ISO/SAE Reserved |
| P2A8E | ISO/SAE Reserved |
| P2A8F | ISO/SAE Reserved |
| P2A90 | ISO/SAE Reserved |
| P2A91 P2A92 | ISO/SAE Reserved |
| P2A92 P2A93 | ISO/SAE Reserved |
| P2A95 P2A94 | ISO/SAE Reserved ISO/SAE Reserved |
| P2A94 P2A95 | ISO/SAE Reserved |
| P2A95 | ISO/SAE Reserved |
| P2A97 | ISO/SAE Reserved |
| P2A98 | ISO/SAE Reserved |
| P2A99 | ISO/SAE Reserved |
| P2A9A | ISO/SAE Reserved |
| P2A9B | ISO/SAE Reserved |
| P2A9C | ISO/SAE Reserved |
| P2A9D | ISO/SAE Reserved |
| P2A9E | ISO/SAE Reserved |
| P2A9F | ISO/SAE Reserved |
| P2AA0 | ISO/SAE Reserved |
| | |

| Codes | |
|----------------|--------------------------------------|
| P2AA1 | ISO/SAE Reserved |
| P2AA2 | ISO/SAE Reserved |
| P2AA3 | ISO/SAE Reserved |
| P2AA4 | ISO/SAE Reserved |
| P2AA5 | ISO/SAE Reserved |
| P2AA6 | ISO/SAE Reserved |
| P2AA7 | ISO/SAE Reserved |
| P2AA8 | ISO/SAE Reserved |
| P2AA9 | ISO/SAE Reserved |
| P2AAA | ISO/SAE Reserved |
| P2AAB | ISO/SAE Reserved |
| P2AAC | ISO/SAE Reserved |
| P2AAD | ISO/SAE Reserved |
| P2AAE | ISO/SAE Reserved |
| P2AAF | ISO/SAE Reserved |
| P2AB0 | ISO/SAE Reserved |
| P2AB1 | ISO/SAE Reserved |
| P2AB2 | ISO/SAE Reserved |
| P2AB3 | ISO/SAE Reserved |
| P2AB4 | ISO/SAE Reserved |
| P2AB5 | ISO/SAE Reserved |
| P2AB6 | ISO/SAE Reserved |
| P2AB7 | ISO/SAE Reserved |
| P2AB8 | ISO/SAE Reserved |
| P2AB9 | ISO/SAE Reserved |
| P2ABA | ISO/SAE Reserved |
| P2ABB | ISO/SAE Reserved |
| P2ABC | ISO/SAE Reserved |
| P2ABD | ISO/SAE Reserved |
| P2ABE | ISO/SAE Reserved |
| P2ABF | ISO/SAE Reserved |
| P2ACA D2ACP | ISO/SAE Reserved |
| P2ACB P2ACC | ISO/SAE Reserved ISO/SAE Reserved |
| P2ACC P2ACD | ISO/SAE Reserved |
| P2ACE | ISO/SAE Reserved |
| P2ACE P2ACF | ISO/SAE Reserved |
| P2ADA | ISO/SAE Reserved |
| P2ADB | ISO/SAE Reserved |
| P2ADC | ISO/SAE Reserved |
| P2ADD | ISO/SAE Reserved |
| P2ADE | ISO/SAE Reserved |
| P2ADF | ISO/SAE Reserved |
| P2AEA | ISO/SAE Reserved |
| - = : | 100,0111 10001 VOU |

| Codes | |
|----------------|--------------------------------------|
| P2AEB | ISO/SAE Reserved |
| P2AEC | ISO/SAE Reserved |
| P2AED | ISO/SAE Reserved |
| P2AEE | ISO/SAE Reserved |
| P2AEF | ISO/SAE Reserved |
| P2AFA | ISO/SAE Reserved |
| P2AFB | ISO/SAE Reserved |
| P2AFC | ISO/SAE Reserved |
| P2AFD | ISO/SAE Reserved |
| P2AFE | ISO/SAE Reserved |
| P2AFF | ISO/SAE Reserved |
| P2B00 | ISO/SAE Reserved |
| P2B01 | ISO/SAE Reserved |
| P2B02 | ISO/SAE Reserved |
| P2B03 | ISO/SAE Reserved |
| P2B04 | ISO/SAE Reserved |
| P2B05 | ISO/SAE Reserved |
| P2B06 | ISO/SAE Reserved |
| P2B07 | ISO/SAE Reserved |
| P2B08 | ISO/SAE Reserved |
| P2B09 | ISO/SAE Reserved |
| P2B0A | ISO/SAE Reserved |
| P2B0B | ISO/SAE Reserved |
| P2B0C | ISO/SAE Reserved |
| P2B0D | ISO/SAE Reserved |
| P2B0E | ISO/SAE Reserved |
| P2B0F | ISO/SAE Reserved |
| P2B10 | ISO/SAE Reserved |
| P2B11 P2B12 | ISO/SAE Reserved ISO/SAE Reserved |
| P2B12 P2B13 | ISO/SAE Reserved |
| P2B14 | ISO/SAE Reserved |
| P2B15 | ISO/SAE Reserved |
| P2B16 | ISO/SAE Reserved |
| P2B17 | ISO/SAE Reserved |
| P2B18 | ISO/SAE Reserved |
| P2B19 | ISO/SAE Reserved |
| P2B1A | ISO/SAE Reserved |
| P2B1B | ISO/SAE Reserved |
| P2B1C | ISO/SAE Reserved |
| P2B1D | ISO/SAE Reserved |
| P2B1E | ISO/SAE Reserved |
| P2B1F | ISO/SAE Reserved |
| P2B20 | ISO/SAE Reserved |
| | |

| Codes | |
|----------------|--------------------------------------|
| P2B21 | ISO/SAE Reserved |
| P2B22 | ISO/SAE Reserved |
| P2B23 | ISO/SAE Reserved |
| P2B24 | ISO/SAE Reserved |
| P2B25 | ISO/SAE Reserved |
| P2B26 | ISO/SAE Reserved |
| P2B27 | ISO/SAE Reserved |
| P2B28 | ISO/SAE Reserved |
| P2B29 | ISO/SAE Reserved |
| P2B2A | ISO/SAE Reserved |
| P2B2B | ISO/SAE Reserved |
| P2B2C | ISO/SAE Reserved |
| P2B2D | ISO/SAE Reserved |
| P2B2E | ISO/SAE Reserved |
| P2B2F | ISO/SAE Reserved |
| P2B30 | ISO/SAE Reserved |
| P2B31 | ISO/SAE Reserved |
| P2B32 | ISO/SAE Reserved |
| P2B33 | ISO/SAE Reserved |
| P2B34 | ISO/SAE Reserved |
| P2B35 | ISO/SAE Reserved |
| P2B36 | ISO/SAE Reserved |
| P2B37 | ISO/SAE Reserved |
| P2B38 | ISO/SAE Reserved |
| P2B39 | ISO/SAE Reserved |
| P2B3A | ISO/SAE Reserved |
| P2B3B | ISO/SAE Reserved |
| P2B3C | ISO/SAE Reserved |
| P2B3D | ISO/SAE Reserved |
| P2B3E | ISO/SAE Reserved |
| P2B3F | ISO/SAE Reserved |
| P2B40 P2B41 | ISO/SAE Reserved ISO/SAE Reserved |
| P2B41 P2B42 | ISO/SAE Reserved |
| P2B43 | ISO/SAE Reserved |
| P2B44 | ISO/SAE Reserved |
| P2B45 | ISO/SAE Reserved |
| P2B46 | ISO/SAE Reserved |
| P2B47 | ISO/SAE Reserved |
| P2B48 | ISO/SAE Reserved |
| P2B49 | ISO/SAE Reserved |
| P2B4A | ISO/SAE Reserved |
| P2B4B | ISO/SAE Reserved |
| P2B4C | ISO/SAE Reserved |
| | , - |

| Codes | |
|----------------|--------------------------------------|
| P2B4D | ISO/SAE Reserved |
| P2B4E | ISO/SAE Reserved |
| P2B4F | ISO/SAE Reserved |
| P2B50 | ISO/SAE Reserved |
| P2B51 | ISO/SAE Reserved |
| P2B52 | ISO/SAE Reserved |
| P2B53 | ISO/SAE Reserved |
| P2B54 | ISO/SAE Reserved |
| P2B55 | ISO/SAE Reserved |
| P2B56 | ISO/SAE Reserved |
| P2B57 | ISO/SAE Reserved |
| P2B58 | ISO/SAE Reserved |
| P2B59 | ISO/SAE Reserved |
| P2B5A | ISO/SAE Reserved |
| P2B5B | ISO/SAE Reserved |
| P2B5C | ISO/SAE Reserved |
| P2B5D | ISO/SAE Reserved |
| P2B5E | ISO/SAE Reserved |
| P2B5F | ISO/SAE Reserved |
| P2B60 | ISO/SAE Reserved |
| P2B61 | ISO/SAE Reserved |
| P2B62 | ISO/SAE Reserved |
| P2B63 | ISO/SAE Reserved |
| P2B64 | ISO/SAE Reserved |
| P2B65 | ISO/SAE Reserved |
| P2B66 | ISO/SAE Reserved |
| P2B67 | ISO/SAE Reserved |
| P2B68 | ISO/SAE Reserved |
| P2B69 P2B6A | ISO/SAE Reserved ISO/SAE Reserved |
| P2B6B | ISO/SAE Reserved |
| P2B6C | ISO/SAE Reserved |
| P2B6D | ISO/SAE Reserved |
| P2B6E | ISO/SAE Reserved |
| P2B6F | ISO/SAE Reserved |
| P2B70 | ISO/SAE Reserved |
| P2B71 | ISO/SAE Reserved |
| P2B72 | ISO/SAE Reserved |
| P2B73 | ISO/SAE Reserved |
| P2B74 | ISO/SAE Reserved |
| P2B75 | ISO/SAE Reserved |
| P2B76 | ISO/SAE Reserved |
| P2B77 | ISO/SAE Reserved |
| P2B78 | ISO/SAE Reserved |
| | |

| Codes | |
|----------------|--------------------------------------|
| P2B79 | ISO/SAE Reserved |
| P2B7A | ISO/SAE Reserved |
| P2B7B | ISO/SAE Reserved |
| P2B7C | ISO/SAE Reserved |
| P2B7D | ISO/SAE Reserved |
| P2B7E | ISO/SAE Reserved |
| P2B7F | ISO/SAE Reserved |
| P2B80 | ISO/SAE Reserved |
| P2B81 | ISO/SAE Reserved |
| P2B82 | ISO/SAE Reserved |
| P2B83 | ISO/SAE Reserved |
| P2B84 | ISO/SAE Reserved |
| P2B85 | ISO/SAE Reserved |
| P2B86 | ISO/SAE Reserved |
| P2B87 | ISO/SAE Reserved |
| P2B88 | ISO/SAE Reserved |
| P2B89 | ISO/SAE Reserved |
| P2B8A | ISO/SAE Reserved |
| P2B8B | ISO/SAE Reserved |
| P2B8C | ISO/SAE Reserved |
| P2B8D | ISO/SAE Reserved |
| P2B8E | ISO/SAE Reserved |
| P2B8F | ISO/SAE Reserved |
| P2B90 | ISO/SAE Reserved |
| P2B91 | ISO/SAE Reserved |
| P2B92 | ISO/SAE Reserved |
| P2B93 | ISO/SAE Reserved |
| P2B94 | ISO/SAE Reserved |
| P2B95 | ISO/SAE Reserved |
| P2B96 | ISO/SAE Reserved |
| P2B97 P2B98 | ISO/SAE Reserved |
| P2B90 P2B99 | ISO/SAE Reserved ISO/SAE Reserved |
| P2B99 P2B9A | ISO/SAE Reserved |
| P2B9A P2B9B | ISO/SAE Reserved |
| P2B9C | ISO/SAE Reserved |
| P2B9D | ISO/SAE Reserved |
| P2B9E | ISO/SAE Reserved |
| P2B9F | ISO/SAE Reserved |
| P2BA0 | ISO/SAE Reserved |
| P2BA1 | ISO/SAE Reserved |
| P2BA2 | ISO/SAE Reserved |
| P2BA3 | ISO/SAE Reserved |
| P2BA4 | ISO/SAE Reserved |
| | |

| Codes | Definition |
|----------------|--|
| P2BA5 | ISO/SAE Reserved |
| P2BA6 | ISO/SAE Reserved |
| P2BA7 | NOx Exceedence - Empty Reagent Tank |
| P2BA8 | NOx Exceedence - Interruption of Reagent Dosing Activity |
| P2BA9 | NOx Exceedence - Insufficient Reagent Quality |
| P2BAA | NOx Exceedence - Low Reagent Consumption |
| P2BAB | NOx Exceedance - Incorrect EGR Flow |
| P2BAC | NOx Exceedance - Deactivation of EGR |
| P2BAD | NOx Exceedence - Root Cause Unknown |
| P2BAE | NOx Exceedence - NOx control monitoring system |
| P2BAF | ISO/SAE Reserved |
| P2BB0 | ISO/SAE Reserved |
| P2BB1 | ISO/SAE Reserved |
| P2BB2 | ISO/SAE Reserved |
| P2BB3 | ISO/SAE Reserved |
| P2BB4 | ISO/SAE Reserved |
| P2BB5 | ISO/SAE Reserved |
| P2BB6 | ISO/SAE Reserved |
| P2BB7 | ISO/SAE Reserved |
| P2BB8 | ISO/SAE Reserved |
| P2BB9 | ISO/SAE Reserved |
| P2BBA | ISO/SAE Reserved |
| P2BBB | ISO/SAE Reserved |
| P2BBC | ISO/SAE Reserved |
| P2BBD | ISO/SAE Reserved |
| P2BBE | ISO/SAE Reserved |
| P2BBF | ISO/SAE Reserved |
| P2BC0 | ISO/SAE Reserved |
| P2BC1 | ISO/SAE Reserved |
| P2BC2 | ISO/SAE Reserved |
| P2BC3 | ISO/SAE Reserved |
| P2BC4 | ISO/SAE Reserved |
| P2BC5 P2BC6 | ISO/SAE Reserved ISO/SAE Reserved |
| P2BC0 P2BC7 | ISO/SAE Reserved |
| P2BC7 P2BC8 | ISO/SAE Reserved |
| P2BC9 | ISO/SAE Reserved |
| P2BCA | ISO/SAE Reserved |
| P2BCB | ISO/SAE Reserved |
| P2BCC | ISO/SAE Reserved |
| P2BCD | ISO/SAE Reserved |
| P2BCE | ISO/SAE Reserved |
| P2BCF | ISO/SAE Reserved |
| P2BD0 | ISO/SAE Reserved |
| | |



| Codes | |
|----------------|--------------------------------------|
| P2BD1 | ISO/SAE Reserved |
| P2BD2 | ISO/SAE Reserved |
| P2BD3 | ISO/SAE Reserved |
| P2BD4 | ISO/SAE Reserved |
| P2BD5 | ISO/SAE Reserved |
| P2BD6 | ISO/SAE Reserved |
| P2BD7 | ISO/SAE Reserved |
| P2BD8 | ISO/SAE Reserved |
| P2BD9 | ISO/SAE Reserved |
| P2BDA | ISO/SAE Reserved |
| P2BDB | ISO/SAE Reserved |
| P2BDC | ISO/SAE Reserved |
| P2BDD | ISO/SAE Reserved |
| P2BDE | ISO/SAE Reserved |
| P2BDF | ISO/SAE Reserved |
| P2BE0 | ISO/SAE Reserved |
| P2BE1 | ISO/SAE Reserved |
| P2BE2 | ISO/SAE Reserved |
| P2BE3 | ISO/SAE Reserved |
| P2BE4 | ISO/SAE Reserved |
| P2BE5 | ISO/SAE Reserved |
| P2BE6 | ISO/SAE Reserved |
| P2BE7 | ISO/SAE Reserved |
| P2BE8 | ISO/SAE Reserved |
| P2BE9 | ISO/SAE Reserved |
| P2BEA | ISO/SAE Reserved |
| P2BEB | ISO/SAE Reserved |
| P2BEC | ISO/SAE Reserved |
| P2BED P2BEE | ISO/SAE Reserved |
| P2BEF | ISO/SAE Reserved ISO/SAE Reserved |
| P2BF0 | ISO/SAE Reserved |
| P2BF1 | ISO/SAE Reserved |
| P2BF2 | ISO/SAE Reserved |
| P2BF3 | ISO/SAE Reserved |
| P2BF4 | ISO/SAE Reserved |
| P2BF5 | ISO/SAE Reserved |
| P2BF6 | ISO/SAE Reserved |
| P2BF7 | ISO/SAE Reserved |
| P2BF8 | ISO/SAE Reserved |
| P2BF9 | ISO/SAE Reserved |
| P2BFA | ISO/SAE Reserved |
| P2BFB | ISO/SAE Reserved |
| P2BFC | ISO/SAE Reserved |
| - | |

| Codes | Definition |
|----------------|---|
| P2BFD | ISO/SAE Reserved |
| P2BFE | ISO/SAE Reserved |
| P2BFF | ISO/SAE Reserved |
| P2C00 | ISO/SAE Reserved |
| P2D00 | ISO/SAE Reserved |
| P2E00 | ISO/SAE Reserved |
| P2F00 | ISO/SAE Reserved |
| P3400 | Cylinder Deactivation System Bank 1 |
| P3401 | Cylinder 1 Deactivation/Intake Valve Control Circuit/Open |
| P3402 | Cylinder 1 Deactivation/Intake Valve Control Circuit Performance |
| P3403 | Cylinder 1 Deactivation/Intake Valve Control Circuit Low |
| P3404 | Cylinder 1 Deactivation/Intake Valve Control Circuit High |
| P3409 | Cylinder 2 Deactivation/Intake Valve Control Circuit/Open |
| P340A | ISO/SAE Reserved |
| P340B | ISO/SAE Reserved |
| P340C | ISO/SAE Reserved |
| P340D | ISO/SAE Reserved |
| P340E | ISO/SAE Reserved |
| P340F | ISO/SAE Reserved |
| P3410 | Cylinder 2 Deactivation/Intake Valve Control Circuit Performance |
| P3411 | Cylinder 2 Deactivation/Intake Valve Control Circuit Low |
| P3412 | Cylinder 2 Deactivation/Intake Valve Control Circuit High |
| P3417 | Cylinder 3 Deactivation/Intake Valve Control Circuit/Open |
| P3418 | Cylinder 3 Deactivation/Intake Valve Control Circuit Performance |
| P3419 | Cylinder 3 Deactivation/Intake Valve Control Circuit Low |
| P341A | ISO/SAE Reserved |
| P341B | ISO/SAE Reserved |
| P341C | ISO/SAE Reserved |
| P341D | ISO/SAE Reserved |
| P341E | ISO/SAE Reserved |
| P341F | ISO/SAE Reserved |
| P3420 | Cylinder 3 Deactivation/Intake Valve Control Circuit High |
| P3425 | Cylinder 4 Deactivation/Intake Valve Control Circuit/Open |
| P3426 | Cylinder 4 Deactivation/Intake Valve Control Circuit Performance |
| P3427 | Cylinder 4 Deactivation/Intake Valve Control Circuit Low |
| P3428 | Cylinder 4 Deactivation/Intake Valve Control Circuit High |
| P342A P342B | ISO/SAE Reserved |
| | ISO/SAE Reserved ISO/SAE Reserved |
| P342C | ISO/SAE Reserved |
| P342D P342E | ISO/SAE Reserved |
| P342E P342F | ISO/SAE Reserved ISO/SAE Reserved |
| P3433 | Cylinder 5 Deactivation/Intake Valve Control Circuit/Open |
| P3435 P3434 | Cylinder 5 Deactivation/Intake Valve Control Circuit/Open Cylinder 5 Deactivation/Intake Valve Control Circuit Performance |
| 1 3434 | Cymruer 5 Deachvanon/mitake valve Control Chicuit renormalice |



| Codes | Definition |
|----------------|---|
| P3435 | Cylinder 5 Deactivation/Intake Valve Control Circuit Low |
| P3436 | Cylinder 5 Deactivation/Intake Valve Control Circuit High |
| P343A | ISO/SAE Reserved |
| P343B | ISO/SAE Reserved |
| P343C | ISO/SAE Reserved |
| P343D | ISO/SAE Reserved |
| P343E | ISO/SAE Reserved |
| P343F | ISO/SAE Reserved |
| P3441 | Cylinder 6 Deactivation/Intake Valve Control Circuit/Open |
| P3442 | Cylinder 6 Deactivation/Intake Valve Control Circuit Performance |
| P3443 | Cylinder 6 Deactivation/Intake Valve Control Circuit Low |
| P3444 | Cylinder 6 Deactivation/Intake Valve Control Circuit High |
| P3449 | Cylinder 7 Deactivation/Intake Valve Control Circuit/Open |
| P344A | ISO/SAE Reserved |
| P344B | ISO/SAE Reserved |
| P344C | ISO/SAE Reserved |
| P344D | ISO/SAE Reserved |
| P344E | ISO/SAE Reserved |
| P344F | ISO/SAE Reserved |
| P3450 | Cylinder 7 Deactivation/Intake Valve Control Circuit Performance |
| P3451 | Cylinder 7 Deactivation/Intake Valve Control Circuit Low |
| P3452 | Cylinder 7 Deactivation/Intake Valve Control Circuit High |
| P3457 | Cylinder 8 Deactivation/Intake Valve Control Circuit/Open |
| P3458 | Cylinder 8 Deactivation/Intake Valve Control Circuit Performance |
| P3459 | Cylinder 8 Deactivation/Intake Valve Control Circuit Low |
| P345A | ISO/SAE Reserved |
| P345B | ISO/SAE Reserved |
| P345C | ISO/SAE Reserved |
| P345D | ISO/SAE Reserved |
| P345E P345F | ISO/SAE Reserved |
| P345F P3460 | ISO/SAE Reserved |
| P3460 P346A | Cylinder 8 Deactivation/Intake Valve Control Circuit High ISO/SAE Reserved |
| P346B | ISO/SAE Reserved |
| P346C | ISO/SAE Reserved |
| P346D | ISO/SAE Reserved |
| P346E | ISO/SAE Reserved |
| P346F | ISO/SAE Reserved |
| P347A | ISO/SAE Reserved |
| P347B | ISO/SAE Reserved |
| P347C | ISO/SAE Reserved |
| P347D | ISO/SAE Reserved |
| P347E | ISO/SAE Reserved |
| P347F | ISO/SAE Reserved |
| | - |



| Codes | |
|----------------|--------------------------------------|
| P348A | ISO/SAE Reserved |
| P348B | ISO/SAE Reserved |
| P348C | ISO/SAE Reserved |
| P348D | ISO/SAE Reserved |
| P348E | ISO/SAE Reserved |
| P348F | ISO/SAE Reserved |
| P3498 | ISO/SAE Reserved |
| P3499 | ISO/SAE Reserved |
| P349A | ISO/SAE Reserved |
| P349B | ISO/SAE Reserved |
| P349C | ISO/SAE Reserved |
| P349D | ISO/SAE Reserved |
| P349E | ISO/SAE Reserved |
| P349F | ISO/SAE Reserved |
| P34A0 | ISO/SAE Reserved |
| P34A1 | ISO/SAE Reserved |
| P34A2 | ISO/SAE Reserved |
| P34A3 | ISO/SAE Reserved |
| P34A4 | ISO/SAE Reserved |
| P34A5 | ISO/SAE Reserved |
| P34A6 | ISO/SAE Reserved |
| P34A7 | ISO/SAE Reserved |
| P34A8 | ISO/SAE Reserved |
| P34A9 | ISO/SAE Reserved |
| P34AA | ISO/SAE Reserved |
| P34AB | ISO/SAE Reserved |
| P34AC | ISO/SAE Reserved |
| P34AD | ISO/SAE Reserved |
| P34AE P34AF | ISO/SAE Reserved |
| P34AF P34B0 | ISO/SAE Reserved ISO/SAE Reserved |
| P34B0 P34B1 | ISO/SAE Reserved |
| P34B2 | ISO/SAE Reserved |
| P34B3 | ISO/SAE Reserved |
| P34B4 | ISO/SAE Reserved |
| P34B5 | ISO/SAE Reserved |
| P34B6 | ISO/SAE Reserved |
| P34B7 | ISO/SAE Reserved |
| P34B8 | ISO/SAE Reserved |
| P34B9 | ISO/SAE Reserved |
| P34BA | ISO/SAE Reserved |
| P34BB | ISO/SAE Reserved |
| P34BC | ISO/SAE Reserved |
| P34BD | ISO/SAE Reserved |
| | |



| Codes | |
|----------------|--------------------------------------|
| P34BE | ISO/SAE Reserved |
| P34BF | ISO/SAE Reserved |
| P34C0 | ISO/SAE Reserved |
| P34C1 | ISO/SAE Reserved |
| P34C2 | ISO/SAE Reserved |
| P34C3 | ISO/SAE Reserved |
| P34C4 | ISO/SAE Reserved |
| P34C5 | ISO/SAE Reserved |
| P34C6 | ISO/SAE Reserved |
| P34C7 | ISO/SAE Reserved |
| P34C8 | ISO/SAE Reserved |
| P34C9 | ISO/SAE Reserved |
| P34CA | ISO/SAE Reserved |
| P34CB | ISO/SAE Reserved |
| P34CC | ISO/SAE Reserved |
| P34CD | ISO/SAE Reserved |
| P34CE | ISO/SAE Reserved |
| P34CF | ISO/SAE Reserved |
| P34D0 | ISO/SAE Reserved |
| P34D1 | ISO/SAE Reserved |
| P34D2 | ISO/SAE Reserved |
| P34D3 | ISO/SAE Reserved |
| P34D4 | ISO/SAE Reserved |
| P34D5 | ISO/SAE Reserved |
| P34D6 | ISO/SAE Reserved |
| P34D7 | ISO/SAE Reserved |
| P34D8 | ISO/SAE Reserved |
| P34D9 | ISO/SAE Reserved |
| P34DA P34DP | ISO/SAE Reserved |
| P34DB P34DC | ISO/SAE Reserved |
| P34DC P34DD | ISO/SAE Reserved ISO/SAE Reserved |
| P34DE | ISO/SAE Reserved |
| P34DF | ISO/SAE Reserved |
| P34E0 | ISO/SAE Reserved |
| P34E1 | ISO/SAE Reserved |
| P34E2 | ISO/SAE Reserved |
| P34E3 | ISO/SAE Reserved |
| P34E4 | ISO/SAE Reserved |
| P34E5 | ISO/SAE Reserved |
| P34E6 | ISO/SAE Reserved |
| P34E7 | ISO/SAE Reserved |
| P34E8 | ISO/SAE Reserved |
| P34E9 | ISO/SAE Reserved |
| - | |

| Codes | Definition |
|--------------|--|
| P34EA | ISO/SAE Reserved |
| P34EB | ISO/SAE Reserved |
| P34EC | ISO/SAE Reserved |
| P34ED | ISO/SAE Reserved |
| P34EE | ISO/SAE Reserved |
| P34EF | ISO/SAE Reserved |
| P34F0 | ISO/SAE Reserved |
| P34F1 | ISO/SAE Reserved |
| P34F2 | ISO/SAE Reserved |
| P34F3 | ISO/SAE Reserved |
| P34F4 | ISO/SAE Reserved |
| P34F5 | ISO/SAE Reserved |
| P34F6 | ISO/SAE Reserved |
| P34F7 | ISO/SAE Reserved |
| P34F8 | ISO/SAE Reserved |
| P34F9 | ISO/SAE Reserved |
| P34FA | ISO/SAE Reserved |
| P34FB | ISO/SAE Reserved |
| P34FC | ISO/SAE Reserved |
| P34FD | ISO/SAE Reserved |
| P34FE | ISO/SAE Reserved |
| P34FF | ISO/SAE Reserved |
| P3500 | ISO/SAE Reserved |
| P3600 | ISO/SAE Reserved |
| P3700 | ISO/SAE Reserved |
| P3800 | ISO/SAE Reserved |
| P3900 | ISO/SAE Reserved |
| P3A00 | ISO/SAE Reserved |
| P3B00 | ISO/SAE Reserved |
| P3C00 | ISO/SAE Reserved |
| P3D00 | ISO/SAE Reserved |
| P3E00 | ISO/SAE Reserved |
| U0000 | ISO/SAE Reserved |
| U0001 | High Speed CAN Communication Bus |
| U0002 | High Speed CAN Communication Bus Performance |
| U000A | ISO/SAE Reserved |
| U000B | ISO/SAE Reserved |
| U000C | ISO/SAE Reserved |
| U000D | ISO/SAE Reserved |
| U000E | ISO/SAE Reserved |
| U000F | ISO/SAE Reserved |
| U001A | ISO/SAE Reserved |
| U001B | ISO/SAE Reserved |
| U001C | ISO/SAE Reserved |



| Codes | Definition |
|----------------|---|
| U001D | ISO/SAE Reserved |
| U001E | ISO/SAE Reserved |
| U001F | ISO/SAE Reserved |
| U0020 | Low Speed CAN Communication Bus Performance |
| U0028 | Vehicle Communication Bus A |
| U0029 | Vehicle Communication Bus A Performance |
| U002A | ISO/SAE Reserved |
| U002B | ISO/SAE Reserved |
| U002C | ISO/SAE Reserved |
| U002D | ISO/SAE Reserved |
| U002E | ISO/SAE Reserved |
| U002F | ISO/SAE Reserved |
| U003A | ISO/SAE Reserved |
| U003B | ISO/SAE Reserved |
| U003C | ISO/SAE Reserved |
| U003D | ISO/SAE Reserved |
| U003E | ISO/SAE Reserved |
| U003F | ISO/SAE Reserved |
| U004A | ISO/SAE Reserved |
| U004B | ISO/SAE Reserved |
| U004C | ISO/SAE Reserved |
| U004D | ISO/SAE Reserved |
| U004E | ISO/SAE Reserved |
| U004F | ISO/SAE Reserved |
| U005A | ISO/SAE Reserved |
| U005B | ISO/SAE Reserved |
| U005C | ISO/SAE Reserved |
| U005D | ISO/SAE Reserved |
| U005E | ISO/SAE Reserved |
| U005F | ISO/SAE Reserved |
| U006A | ISO/SAE Reserved |
| U006B | ISO/SAE Reserved |
| U006C U006D | ISO/SAE Reserved ISO/SAE Reserved |
| U006E | ISO/SAE Reserved |
| U006F | ISO/SAE Reserved |
| U0073 | Control Module Communication Bus "A" Off |
| U0074 | Control Module Communication Bus "A" Off |
| U0074 | ISO/SAE Reserved |
| U0077 | ISO/SAE Reserved |
| U0078 | ISO/SAE Reserved |
| U0079 | ISO/SAE Reserved |
| U007A | ISO/SAE Reserved |
| U007B | ISO/SAE Reserved |
| | |



| Codes | |
|----------------|--------------------------------------|
| U007C | ISO/SAE Reserved |
| U007D | ISO/SAE Reserved |
| U007E | ISO/SAE Reserved |
| U007F | ISO/SAE Reserved |
| U0080 | ISO/SAE Reserved |
| U0081 | ISO/SAE Reserved |
| U0082 | ISO/SAE Reserved |
| U0083 | ISO/SAE Reserved |
| U0084 | ISO/SAE Reserved |
| U0085 | ISO/SAE Reserved |
| U0086 | ISO/SAE Reserved |
| U0087 | ISO/SAE Reserved |
| U0088 | ISO/SAE Reserved |
| U0089 | ISO/SAE Reserved |
| U008A | ISO/SAE Reserved |
| U008B | ISO/SAE Reserved |
| U008C | ISO/SAE Reserved |
| U008D | ISO/SAE Reserved |
| U008E | ISO/SAE Reserved |
| U008F | ISO/SAE Reserved |
| U0090 | ISO/SAE Reserved |
| U0091 | ISO/SAE Reserved |
| U0092 | ISO/SAE Reserved |
| U0093 | ISO/SAE Reserved |
| U0094 | ISO/SAE Reserved |
| U0095 | ISO/SAE Reserved |
| U0096 | ISO/SAE Reserved |
| U0097 | ISO/SAE Reserved |
| U0098 | ISO/SAE Reserved |
| U0099 | ISO/SAE Reserved |
| U009A | ISO/SAE Reserved |
| U009B U009C | ISO/SAE Reserved ISO/SAE Reserved |
| U009C | ISO/SAE Reserved |
| U009E | ISO/SAE Reserved |
| U009E | ISO/SAE Reserved |
| U00A0 | ISO/SAE Reserved |
| U00A1 | ISO/SAE Reserved |
| U00A2 | ISO/SAE Reserved |
| U00A3 | ISO/SAE Reserved |
| U00A4 | ISO/SAE Reserved |
| U00A5 | ISO/SAE Reserved |
| U00A6 | ISO/SAE Reserved |
| U00A7 | ISO/SAE Reserved |
| | |



| Codes | |
|----------------|--------------------------------------|
| U00A8 | ISO/SAE Reserved |
| U00A9 | ISO/SAE Reserved |
| U00AA | ISO/SAE Reserved |
| U00AB | ISO/SAE Reserved |
| U00AC | ISO/SAE Reserved |
| U00AD | ISO/SAE Reserved |
| U00AE | ISO/SAE Reserved |
| U00AF | ISO/SAE Reserved |
| U00B0 | ISO/SAE Reserved |
| U00B1 | ISO/SAE Reserved |
| U00B2 | ISO/SAE Reserved |
| U00B3 | ISO/SAE Reserved |
| U00B4 | ISO/SAE Reserved |
| U00B5 | ISO/SAE Reserved |
| U00B6 | ISO/SAE Reserved |
| U00B7 | ISO/SAE Reserved |
| U00B8 | ISO/SAE Reserved |
| U00B9 | ISO/SAE Reserved |
| U00BA | ISO/SAE Reserved |
| U00BB | ISO/SAE Reserved |
| U00BC | ISO/SAE Reserved |
| U00BD | ISO/SAE Reserved |
| U00BE | ISO/SAE Reserved |
| U00BF | ISO/SAE Reserved |
| U00C0 | ISO/SAE Reserved |
| U00C1 | ISO/SAE Reserved |
| U00C2 | ISO/SAE Reserved |
| U00C3 | ISO/SAE Reserved |
| U00C4 | ISO/SAE Reserved |
| U00C5 | ISO/SAE Reserved |
| U00C6 | ISO/SAE Reserved |
| U00C7 | ISO/SAE Reserved |
| U00C8 U00C9 | ISO/SAE Reserved |
| U00C9 U00CA | ISO/SAE Reserved ISO/SAE Reserved |
| UOOCA | ISO/SAE Reserved |
| U00CB U00CC | ISO/SAE Reserved |
| U00CD | ISO/SAE Reserved |
| U00CE | ISO/SAE Reserved |
| U00CE | ISO/SAE Reserved |
| U00CF U00D0 | ISO/SAE Reserved |
| U00D0 | ISO/SAE Reserved |
| U00D1 | ISO/SAE Reserved |
| U00D2 | ISO/SAE Reserved |
| 00003 | 100/JAE NESELVEU |

| Codes | |
|----------------|--------------------------------------|
| U00D4 | ISO/SAE Reserved |
| U00D5 | ISO/SAE Reserved |
| U00D6 | ISO/SAE Reserved |
| U00D7 | ISO/SAE Reserved |
| U00D8 | ISO/SAE Reserved |
| U00D9 | ISO/SAE Reserved |
| U00DA | ISO/SAE Reserved |
| U00DB | ISO/SAE Reserved |
| U00DC | ISO/SAE Reserved |
| U00DD | ISO/SAE Reserved |
| U00DE | ISO/SAE Reserved |
| U00DF | ISO/SAE Reserved |
| U00E0 | ISO/SAE Reserved |
| U00E1 | ISO/SAE Reserved |
| U00E2 | ISO/SAE Reserved |
| U00E3 | ISO/SAE Reserved |
| U00E4 | ISO/SAE Reserved |
| U00E5 | ISO/SAE Reserved |
| U00E6 | ISO/SAE Reserved |
| U00E7 | ISO/SAE Reserved |
| U00E8 | ISO/SAE Reserved |
| U00E9 | ISO/SAE Reserved |
| U00EA | ISO/SAE Reserved |
| U00EB | ISO/SAE Reserved |
| U00EC | ISO/SAE Reserved |
| U00ED | ISO/SAE Reserved |
| UOOEE | ISO/SAE Reserved |
| U00EF | ISO/SAE Reserved |
| U00F0 | ISO/SAE Reserved |
| U00F1 | ISO/SAE Reserved |
| U00F2 | ISO/SAE Reserved |
| U00F3 | ISO/SAE Reserved |
| U00F4 | ISO/SAE Reserved |
| U00F5 U00F6 | ISO/SAE Reserved |
| U00F0 U00F7 | ISO/SAE Reserved ISO/SAE Reserved |
| U00F7 | ISO/SAE Reserved |
| U00F9 | ISO/SAE Reserved |
| U00FA | ISO/SAE Reserved |
| U00FB | ISO/SAE Reserved |
| U00FC | ISO/SAE Reserved |
| U00FD | ISO/SAE Reserved |
| U00FE | ISO/SAE Reserved |
| U00FF | ISO/SAE Reserved |
| | 100/JAE NESELVEU |

| Codes | Definition |
|----------------|---|
| U0100 | Lost Communication With ECM/PCM "A" |
| U0101 | Lost Communication with Transmission Control Module (TCM) |
| U0102 | Lost Communication with Transfer Case Control Module (TCCM) |
| U0103 | Lost Communication with Gear Shift Control (GSC) Module |
| U0104 | Lost Communication with Cruise Control Module (CCM) |
| U0105 | Lost Communication with Fuel Injector Control Module (FICM) |
| U0106 | Lost Communication with Glow Plug Control Module (GPCM) |
| U0107 | Lost Communication with Throttle Actuator Control (TAC) Module |
| U0108 | Lost Communication with Alternate Fuel Control Module (AFCM) |
| U0109 | Lost Communication with Fuel Pump Control Module (FPCM) |
| U010C | Lost Communication With Turbocharger / Supercharger Control Module A |
| U010D | Lost Communication With Turbocharger / Supercharger Control Module B |
| U010F | Lost Communication With Air Conditioning Control Module |
| U0111 | Lost Communication with Battery Energy Control Module "A" |
| U0112 | Lost Communication with Battery Energy Control Module "B" |
| U0115 | Lost Communication With ECM/PCM "B" |
| U0117 | Lost Communication with PTO Control Module |
| U011C | Lost Communication With Rocker Arm Control Module B |
| U011E | ISO/SAE Reserved |
| U011F | ISO/SAE Reserved |
| U0120 | Lost Communication with Starter Generator Control Module |
| U0121 | Lost Communication With Anti-Lock Brake System (ABS) Control Module |
| U0122 | Lost Communication With Vehicle Dynamics Control (VDC) Module |
| U0123 | Lost Communication With Yaw Rate Sensor (YRS) Module |
| U0125 | Lost Communication With Multi-Axis Acceleration Sensor (MAS) Module |
| U0126 | Lost Communication With Steering Angle Sensor (SAS) Module |
| U0128 | Lost Communication with Park Brake Control Module (PBCM) |
| U0129 | Lost Communication with Brake System Control Module (BSCM) |
| U012A | ISO/SAE Reserved |
| U012B U012C | ISO/SAE Reserved ISO/SAE Reserved |
| U012D | ISO/SAE Reserved |
| U012E | ISO/SAE Reserved |
| U012E | ISO/SAE Reserved |
| U0130 | Lost Communication with Steering Effort Control Module |
| U0131 | Lost Communication with Power Steering Control Module |
| U0132 | Lost Communication with Ride Level Control Module |
| U0133 | Lost Communication with Active Roll Control Module |
| U0134 | Lost Communication with Rear Power Steering Control Module |
| | 5 |



| Codes | Definition |
|----------------|--|
| U0136 | Lost Communication with Rear Differential Control Module |
| U0137 | Lost Communication with Trailer Brake Control Module |
| U0139 | Lost Communication with Suspension Control Module "B" |
| U013A | ISO/SAE Reserved |
| U013B | ISO/SAE Reserved |
| U013C | ISO/SAE Reserved |
| U013D | ISO/SAE Reserved |
| U013E | ISO/SAE Reserved |
| U013F | ISO/SAE Reserved |
| U0140 | Lost Communication With Body Control Module |
| U0141 | Lost Communication With Body Control Module "A" |
| U0144 | Lost Communication With Body Control Module "D" |
| U0145 | Lost Communication With Body Control Module "E" |
| U0146 | Lost Communication With Gateway "A" |
| U0149 | Lost Communication With Gateway "D" |
| U014A | ISO/SAE Reserved |
| U014B | ISO/SAE Reserved |
| U014C | ISO/SAE Reserved |
| U014D | ISO/SAE Reserved |
| U014E | ISO/SAE Reserved |
| U014F | ISO/SAE Reserved |
| U0151 | Lost Communication with Restraints Control (RCM) Module |
| U0153 | Lost Communication with Side Restraints Control Module (Right) |
| U0155 | Lost Communication with Instrument Panel Control (IPC) Module |
| U0156 | Lost Communication With Information Center A |
| U0157 | Lost Communication With Information Center B |
| U0158 | Lost Communication With Head Up Display |
| U0159 | Lost Communication With Park Assist Control Module A |
| U015A | ISO/SAE Reserved |
| U015B U015C | ISO/SAE Reserved |
| U015D | ISO/SAE Reserved ISO/SAE Reserved |
| U015E | ISO/SAE Reserved |
| U015F | ISO/SAE Reserved |
| U0160 | Lost Communication With Audible Alert Control Module |
| U0164 | Lost Communication With HVAC Control Module |
| U0165 | Lost Communication With Rear HVAC Control Module |
| U0166 | Lost Communication With Auxiliary Heater Control Module |
| U0167 | Lost Communication With Vehicle Immobilizer Control Module |
| U0168 | Lost Communication With Vehicle Security Control Module |
| U016B | ISO/SAE Reserved |
| U016C | ISO/SAE Reserved |
| U016D | ISO/SAE Reserved |
| U016E | ISO/SAE Reserved |
| | |



| Codes | Definition |
|----------------|--|
| U016F | ISO/SAE Reserved |
| U0170 | Lost Communication With Restraints System Sensor A |
| U0172 | Lost Communication With Restraints System Sensor C |
| U0178 | Lost Communication With Restraints System Sensor I |
| U0179 | Lost Communication With Restraints System Sensor J |
| U017A | Lost Communication With Restraints System Sensor K |
| U017B | Lost Communication With Restraints System Sensor L |
| U017C | Lost Communication With Restraints System Sensor M |
| U017D | Lost Communication With Restraints System Sensor N |
| U0181 | Lost Communication With Dynamic Headlight Leveling Control Module |
| U0182 | Lost Communication With Lighting Control Module - Front |
| U0184 | Lost Communication With Radio |
| U0185 | Lost Communication With Antenna Control Module |
| U0186 | Lost Communication With AMP Unit A |
| U0188 | Lost Communication With Digital Disc Player/Changer Module B |
| U0189 | Lost Communication With Digital Disc Player/Changer Module C |
| U018A | ISO/SAE Reserved |
| U018B | ISO/SAE Reserved |
| U018C | ISO/SAE Reserved |
| U018D | ISO/SAE Reserved |
| U018E | ISO/SAE Reserved |
| U018F | ISO/SAE Reserved |
| U0190 U0191 | Lost Communication With Digital Disc Player/Changer Module D Lost Communication With Television |
| U0193 | Lost Communication With Digital Audio Control Module A |
| U0194 | Lost Communication With Digital Audio Control Module A |
| | Lost Communication With Rear Seat Entertainment Control |
| U0196 | Module |
| U0197 | Lost Communication With Telephone Control Module |
| U0198 | Lost Communication With Telematic Control Module |
| U0199 | Lost Communication With Door Control Module A |
| U019A | ISO/SAE Reserved |
| U019B U019C | ISO/SAE Reserved ISO/SAE Reserved |
| U019C | ISO/SAE Reserved |
| U019E | ISO/SAE Reserved |
| U019F | ISO/SAE Reserved |
| U01A0 | ISO/SAE Reserved |
| U01A1 | ISO/SAE Reserved |
| U01A2 | ISO/SAE Reserved |
| U01A3 | ISO/SAE Reserved |
| U01A4 | ISO/SAE Reserved |
| U01A5 | ISO/SAE Reserved |
| | |



| Codes | |
|----------------|------------------|
| U01A6 | ISO/SAE Reserved |
| U01A7 | ISO/SAE Reserved |
| U01A8 | ISO/SAE Reserved |
| U01A9 | ISO/SAE Reserved |
| U01AA | ISO/SAE Reserved |
| U01AB | ISO/SAE Reserved |
| U01AC | ISO/SAE Reserved |
| U01AD | ISO/SAE Reserved |
| U01AE | ISO/SAE Reserved |
| U01AF | ISO/SAE Reserved |
| U01B0 | ISO/SAE Reserved |
| U01B1 | ISO/SAE Reserved |
| U01B2 | ISO/SAE Reserved |
| U01B3 | ISO/SAE Reserved |
| U01B4 | ISO/SAE Reserved |
| U01B5 | ISO/SAE Reserved |
| U01B6 | ISO/SAE Reserved |
| U01B7 | ISO/SAE Reserved |
| U01B8 | ISO/SAE Reserved |
| U01B9 | ISO/SAE Reserved |
| U01BA | ISO/SAE Reserved |
| U01BB | ISO/SAE Reserved |
| U01BC | ISO/SAE Reserved |
| U01BD | ISO/SAE Reserved |
| U01BE | ISO/SAE Reserved |
| U01BF | ISO/SAE Reserved |
| U01C0 | ISO/SAE Reserved |
| U01C1 | ISO/SAE Reserved |
| U01C2 | ISO/SAE Reserved |
| U01C3 | ISO/SAE Reserved |
| U01C4 | ISO/SAE Reserved |
| U01C5 | ISO/SAE Reserved |
| U01C6 | ISO/SAE Reserved |
| U01C7 | ISO/SAE Reserved |
| U01C8 | ISO/SAE Reserved |
| U01C9 | ISO/SAE Reserved |
| U01CA | ISO/SAE Reserved |
| U01CB | ISO/SAE Reserved |
| U01CC | ISO/SAE Reserved |
| U01CD | ISO/SAE Reserved |
| U01CE | ISO/SAE Reserved |
| U01CF U01D0 | ISO/SAE Reserved |
| | ISO/SAE Reserved |
| U01D1 | ISO/SAE Reserved |

| Codes | |
|----------------|--------------------------------------|
| U01D2 | ISO/SAE Reserved |
| U01D3 | ISO/SAE Reserved |
| U01D4 | ISO/SAE Reserved |
| U01D5 | ISO/SAE Reserved |
| U01D6 | ISO/SAE Reserved |
| U01D7 | ISO/SAE Reserved |
| U01D8 | ISO/SAE Reserved |
| U01D9 | ISO/SAE Reserved |
| U01DA | ISO/SAE Reserved |
| U01DB | ISO/SAE Reserved |
| U01DC | ISO/SAE Reserved |
| U01DD | ISO/SAE Reserved |
| U01DE | ISO/SAE Reserved |
| U01DF | ISO/SAE Reserved |
| U01E0 | ISO/SAE Reserved |
| U01E1 | ISO/SAE Reserved |
| U01E2 | ISO/SAE Reserved |
| U01E3 | ISO/SAE Reserved |
| U01E4 | ISO/SAE Reserved |
| U01E5 | ISO/SAE Reserved |
| U01E6 | ISO/SAE Reserved |
| U01E7 | ISO/SAE Reserved |
| U01E8 | ISO/SAE Reserved |
| U01E9 | ISO/SAE Reserved |
| U01EA | ISO/SAE Reserved |
| U01EB | ISO/SAE Reserved |
| U01EC | ISO/SAE Reserved |
| U01ED | ISO/SAE Reserved |
| U01EE | ISO/SAE Reserved |
| U01EF | ISO/SAE Reserved |
| U01F0 | ISO/SAE Reserved |
| U01F1 U01F2 | ISO/SAE Reserved ISO/SAE Reserved |
| U01F2 U01F3 | ISO/SAE Reserved |
| U01F4 | ISO/SAE Reserved |
| U01F5 | ISO/SAE Reserved |
| U01F6 | ISO/SAE Reserved |
| U01F7 | ISO/SAE Reserved |
| U01F8 | ISO/SAE Reserved |
| U01F9 | ISO/SAE Reserved |
| U01FA | ISO/SAE Reserved |
| U01FB | ISO/SAE Reserved |
| U01FC | ISO/SAE Reserved |
| U01FD | ISO/SAE Reserved |
| - | -, |

DBDCodeX

Definition

| Codes | Definition |
|----------------|---|
| U01FE | ISO/SAE Reserved |
| U01FF | ISO/SAE Reserved |
| U0200 | Lost Communication With Door Control Module B |
| U0201 | Lost Communication With Door Control Module C |
| U0203 | Lost Communication With Door Control Module E |
| U0204 | Lost Communication With Door Control Module F |
| U0205 | Lost Communication With Door Control Module G |
| U0207 | Lost Communication With Movable Roof Control Module |
| U0208 | Lost Communication With Seat Control Module A |
| U0209 | Lost Communication With Seat Control Module B |
| U020A | ISO/SAE Reserved |
| U020B | ISO/SAE Reserved |
| U020C | ISO/SAE Reserved |
| U020D | ISO/SAE Reserved |
| U020E | ISO/SAE Reserved |
| U020F | ISO/SAE Reserved |
| U0210 | Lost Communication With Seat Control Module C |
| U0214 | Lost Communication With Remote Function Actuation |
| U0219 | Lost Communication With Door Switch E |
| U021A | ISO/SAE Reserved |
| U021B | ISO/SAE Reserved |
| U021C | ISO/SAE Reserved |
| U021D | ISO/SAE Reserved |
| U021E | ISO/SAE Reserved |
| U021F | ISO/SAE Reserved |
| U0220 | Lost Communication With Door Switch F |
| U0221 | Lost Communication With Door Switch G |
| U0223 | Lost Communication With Door Window Motor B |
| U0224 | Lost Communication With Door Window Motor C |
| U0225 | Lost Communication With Door Window Motor D |
| U0226 | Lost Communication With Door Window Motor E |
| U0227 | Lost Communication With Door Window Motor F |
| U0228 | Lost Communication With Door Window Motor G |
| U0229 | Lost Communication With Heated Steering Wheel Module |
| U022A U022B | ISO/SAE Reserved ISO/SAE Reserved |
| U022B | ISO/SAE Reserved |
| U022D | ISO/SAE Reserved |
| U022E | ISO/SAE Reserved |
| U022E U022F | ISO/SAE Reserved |
| U022F U0230 | Lost Communication With Rear Gate Module |
| U0230 | Lost Communication With Rain Sensing Module |
| | Lost Communication With Obstacle Detection Control Module - |
| U0232 | Left |



| Codes | Definition |
|----------------|---|
| U0233 | Lost Communication With Obstacle Detection Control Module - |
| U0234 | Right Lost Communication With Convenience Recall Module |
| U0234 | Lost Communication With Column Lock Module |
| U0237 | Lost Communication With Digital Audio Control Module C |
| U0239 | Lost Communication With Entrapment Control Module A |
| U023A | Lost Communication With Image Processing Module A |
| U023C | Lost Communication With Image Processing Module C |
| U023D | Lost Communication With Cruise Control Front Distance Range Sensor Left |
| U023E | Lost Communication With Cruise Control Front Distance Range Sensor Right |
| U023F | ISO/SAE Reserved |
| U0240 | Lost Communication With Entrapment Control Module B |
| U0241 | Lost Communication With Headlamp Control Module A |
| U0247 | Lost Communication With Seat Control Module F |
| U0248 | Lost Communication With Remote Accessory Module |
| U0249 | Lost Communication With Entertainment Control Module Rear B |
| U024B | ISO/SAE Reserved |
| U024C | ISO/SAE Reserved |
| U024D | ISO/SAE Reserved |
| U024E | ISO/SAE Reserved |
| U024F | ISO/SAE Reserved |
| U0250 U0252 | Lost Communication With Impact Classification System Module Lost Communication With Lighting Control Module Rear B |
| U0254 | Lost Communication With Remote Start Module |
| U0255 | Lost Communication With Front Display Interface Module |
| U0256 | Lost Communication With Front Controls Interface Module "A" |
| U0257 | Lost Communication With Front Controls/Display Interface Module |
| U025A | Lost Communication With Special Purpose Vehicle Control Module B |
| U025B | Lost Communication With Special Purpose Vehicle Control Module C |
| U025C | Lost Communication With Special Purpose Vehicle Control Module D |
| U025D | Lost Communication With Front Controls Interface Module "B" |
| U025E | ISO/SAE Reserved |
| U025F | ISO/SAE Reserved |
| U0261 | Lost Communication With Seat Control Switch Module B |
| U0262 | Lost Communication With AMP Unit B |
| U0264 | Lost Communication With Camera Module Rear |
| U0265 | ISO/SAE Reserved |
| U0266 | ISO/SAE Reserved |
| U0267 | ISO/SAE Reserved |



| Codes | Definition |
|----------------|---|
| U0268 | ISO/SAE Reserved |
| U0269 | ISO/SAE Reserved |
| U026A | ISO/SAE Reserved |
| U026B | ISO/SAE Reserved |
| U026C | ISO/SAE Reserved |
| U026D | ISO/SAE Reserved |
| U026E | ISO/SAE Reserved |
| U026F | ISO/SAE Reserved |
| U0270 | ISO/SAE Reserved |
| U0271 | ISO/SAE Reserved |
| U0272 | ISO/SAE Reserved |
| U0273 | ISO/SAE Reserved |
| U0274 | ISO/SAE Reserved |
| U0275 | ISO/SAE Reserved |
| U0276 | ISO/SAE Reserved |
| U0277 | ISO/SAE Reserved |
| U0278 | ISO/SAE Reserved |
| U0279 | ISO/SAE Reserved |
| U027A | ISO/SAE Reserved |
| U027B | ISO/SAE Reserved |
| U027C | ISO/SAE Reserved |
| U027D | ISO/SAE Reserved |
| U027E | ISO/SAE Reserved |
| U027F | ISO/SAE Reserved |
| U0280 | ISO/SAE Reserved |
| U0281 | ISO/SAE Reserved |
| U0282 | ISO/SAE Reserved ISO/SAE Reserved |
| U0283 U0284 | ISO/SAE Reserved |
| U0284 U0285 | ISO/SAE Reserved |
| U0285 | Lost Communication With Radiator Anti Tamper Device |
| U0288 | Lost Communication With DC to AC Converter Control Module-A |
| U0289 | Lost Communication With DC to AC Converter Control Module-B |
| U028A | ISO/SAE Reserved |
| U028B | ISO/SAE Reserved |
| U028C | ISO/SAE Reserved |
| U028D | ISO/SAE Reserved |
| U028E | ISO/SAE Reserved |
| U028F | ISO/SAE Reserved |
| U0290 | ISO/SAE Reserved |
| U0291 | Lost Communication with Gear Shift Control (GSC-B) Module B |
| U0293 | Lost Communication With Hybrid Powertrain Control Module |
| U0295 | Lost Communication With AC to AC Converter Control Module |
| U0296 | Lost Communication With AC to DC Converter Control Module-A |
| | |



| Codes | Definition |
|----------------|---|
| U0297 | Lost Communication With AC to DC Converter Control Module-B |
| U0299 | Lost Communication With DC to DC Converter Control Module-B |
| U029B | Lost Communication with Drive Motor Control Module C |
| U029C | Lost Communication with Drive Motor Control Module D |
| U029D | Lost Communication With NOX Sensor A |
| U029E | Lost Communication With NOX Sensor B |
| U029F | ISO/SAE Reserved |
| U02A0 | ISO/SAE Reserved |
| U02A1 | ISO/SAE Reserved |
| U02A2 | ISO/SAE Reserved |
| U02A3 | ISO/SAE Reserved |
| U02A4 | ISO/SAE Reserved |
| U02A5 | ISO/SAE Reserved |
| U02A6 | ISO/SAE Reserved |
| U02A7 | ISO/SAE Reserved |
| U02A8 | ISO/SAE Reserved |
| U02A9 | ISO/SAE Reserved |
| U02AA | ISO/SAE Reserved |
| U02AB | ISO/SAE Reserved |
| U02AC | ISO/SAE Reserved |
| U02AD | ISO/SAE Reserved |
| U02AE | ISO/SAE Reserved |
| U02AF | ISO/SAE Reserved |
| U02B0 | ISO/SAE Reserved |
| U02B1 | ISO/SAE Reserved |
| U02B2 | ISO/SAE Reserved |
| U02B3 | ISO/SAE Reserved |
| U02B4 | ISO/SAE Reserved |
| U02B5 | ISO/SAE Reserved |
| U02B6 | ISO/SAE Reserved |
| U02B7 | ISO/SAE Reserved ISO/SAE Reserved |
| U02B8 U02B9 | ISO/SAE Reserved |
| U02B9 U02BA | ISO/SAE Reserved |
| U02BA U02BB | ISO/SAE Reserved |
| U02BC | ISO/SAE Reserved |
| U02BD | ISO/SAE Reserved |
| U02BE | ISO/SAE Reserved |
| U02BF | ISO/SAE Reserved |
| U02C0 | ISO/SAE Reserved |
| U02C1 | ISO/SAE Reserved |
| U02C2 | ISO/SAE Reserved |
| U02C3 | ISO/SAE Reserved |
| U02C4 | ISO/SAE Reserved |
| | |



| Codes | |
|----------------|--------------------------------------|
| U02C5 | ISO/SAE Reserved |
| U02C6 | ISO/SAE Reserved |
| U02C7 | ISO/SAE Reserved |
| U02C8 | ISO/SAE Reserved |
| U02C9 | ISO/SAE Reserved |
| U02CA | ISO/SAE Reserved |
| U02CB | ISO/SAE Reserved |
| U02CC | ISO/SAE Reserved |
| U02CD | ISO/SAE Reserved |
| U02CE | ISO/SAE Reserved |
| U02CF | ISO/SAE Reserved |
| U02D0 | ISO/SAE Reserved |
| U02D1 | ISO/SAE Reserved |
| U02D2 | ISO/SAE Reserved |
| U02D3 | ISO/SAE Reserved |
| U02D4 | ISO/SAE Reserved |
| U02D5 | ISO/SAE Reserved |
| U02D6 | ISO/SAE Reserved |
| U02D7 | ISO/SAE Reserved |
| U02D8 | ISO/SAE Reserved |
| U02D9 | ISO/SAE Reserved |
| U02DA | ISO/SAE Reserved |
| U02DB | ISO/SAE Reserved |
| U02DC | ISO/SAE Reserved |
| U02DD | ISO/SAE Reserved |
| U02DE | ISO/SAE Reserved |
| U02DF | ISO/SAE Reserved |
| U02E0 | ISO/SAE Reserved |
| U02E1 U02E2 | ISO/SAE Reserved |
| U02E2 U02E3 | ISO/SAE Reserved ISO/SAE Reserved |
| U02E3 U02E4 | ISO/SAE Reserved |
| U02E4 U02E5 | ISO/SAE Reserved |
| U02E5 | ISO/SAE Reserved |
| U02E0 | ISO/SAE Reserved |
| U02E8 | ISO/SAE Reserved |
| U02E9 | ISO/SAE Reserved |
| U02EA | ISO/SAE Reserved |
| U02EB | ISO/SAE Reserved |
| U02EC | ISO/SAE Reserved |
| U02ED | ISO/SAE Reserved |
| U02EE | ISO/SAE Reserved |
| U02EF | ISO/SAE Reserved |
| U02F0 | ISO/SAE Reserved |
| | -, |

| Codes | Definition |
|----------------|---|
| U02F1 | ISO/SAE Reserved |
| U02F2 | ISO/SAE Reserved |
| U02F3 | ISO/SAE Reserved |
| U02F4 | ISO/SAE Reserved |
| U02F5 | ISO/SAE Reserved |
| U02F6 | ISO/SAE Reserved |
| U02F7 | ISO/SAE Reserved |
| U02F8 | ISO/SAE Reserved |
| U02F9 | ISO/SAE Reserved |
| U02FA | ISO/SAE Reserved |
| U02FB | ISO/SAE Reserved |
| U02FC | ISO/SAE Reserved |
| U02FD | ISO/SAE Reserved |
| U02FE | ISO/SAE Reserved |
| U02FF | ISO/SAE Reserved |
| U0301 | Software Incompatibility With ECM/PCM |
| U0302 | Software Incompatibility With Transmission Control Module |
| U0303 | Software Incompatibility With Transfer Case Control Module |
| U0305 | Software Incompatibility With Cruise Control Module |
| U0308 | Software Incompatibility With Throttle Actuator Control Module |
| U0309 | Software Incompatibility With Alternative Fuel Control Module |
| U030A | ISO/SAE Reserved |
| U030B | ISO/SAE Reserved |
| U030C | ISO/SAE Reserved |
| U030D U030E | ISO/SAE Reserved ISO/SAE Reserved |
| U030F | ISO/SAE Reserved |
| U0310 | Software Incompatibility With Fuel Pump Control Module |
| 00510 | Software Incompatibility With Drive Motor Control Module |
| U0311 | (DMCM) |
| U0313 | Software Incompatibility With Battery Energy Control Module B |
| U0314 | Software Incompatibility With Four-Wheel Drive Clutch Control Module |
| U0315 | Software Incompatibility With Anti-Lock Brake System Control Module |
| U0318 | Software Incompatibility With Brake System Control Module |
| U0319 | Software Incompatibility With Steering Effort Control Module |
| U031A | ISO/SAE Reserved |
| U031B | ISO/SAE Reserved |
| U031C | ISO/SAE Reserved |
| U031D | ISO/SAE Reserved |
| U031E | ISO/SAE Reserved |
| U031F | ISO/SAE Reserved |
| U0324 | Software Incompatibility With HVAC Control Module |



| Codes | Definition |
|----------------|--|
| U0325 | Software Incompatibility With Auxiliary Heater Control Module |
| U0328 | Software Incompatibility With Steering Angle Sensor Module |
| U0329 | Software Incompatibility With Steering Column Control Module |
| U032A | ISO/SAE Reserved |
| U032B | ISO/SAE Reserved |
| U032C | ISO/SAE Reserved |
| U032D | ISO/SAE Reserved |
| U032E | ISO/SAE Reserved |
| U032F | ISO/SAE Reserved |
| U0330 | Software Incompatibility With Tire Pressure Monitor Module |
| U0332 | Software Incompatibility With Multi-axis Acceleration Sensor Module |
| U0333 | Software Incompatibility With Gear Shift Control Module "B" |
| U0334 | Software Incompatibility With Radio |
| U0335 | Software Incompatibility With Hybrid Battery Pack Sensor Module |
| U0337 | ISO/SAE Reserved |
| U0338 | ISO/SAE Reserved |
| U0339 | ISO/SAE Reserved |
| U034A | ISO/SAE Reserved |
| U034B | ISO/SAE Reserved |
| U034C | ISO/SAE Reserved |
| U034D | ISO/SAE Reserved |
| U034E | ISO/SAE Reserved |
| U034F | ISO/SAE Reserved |
| U0350 | ISO/SAE Reserved |
| U0351 | ISO/SAE Reserved |
| U0352 | ISO/SAE Reserved |
| U0353 | ISO/SAE Reserved |
| U0354 | ISO/SAE Reserved |
| U0355 | ISO/SAE Reserved |
| U0356 | ISO/SAE Reserved |
| U0357 | ISO/SAE Reserved |
| U0358 U0359 | ISO/SAE Reserved |
| U035A | ISO/SAE Reserved ISO/SAE Reserved |
| U035A U035B | ISO/SAE Reserved |
| U035C | ISO/SAE Reserved |
| U035D | ISO/SAE Reserved |
| U035D U0360 | ISO/SAE Reserved |
| U0361 | ISO/SAE Reserved |
| U0362 | ISO/SAE Reserved |
| U0363 | ISO/SAE Reserved |
| U0364 | ISO/SAE Reserved |
| 00001 | |



| Codes | |
|----------------|--------------------------------------|
| U0365 | ISO/SAE Reserved |
| U0366 | ISO/SAE Reserved |
| U0367 | ISO/SAE Reserved |
| U0368 | ISO/SAE Reserved |
| U0369 | ISO/SAE Reserved |
| U036A | ISO/SAE Reserved |
| U036B | ISO/SAE Reserved |
| U036C | ISO/SAE Reserved |
| U036D | ISO/SAE Reserved |
| U036E | ISO/SAE Reserved |
| U036F | ISO/SAE Reserved |
| U0370 | ISO/SAE Reserved |
| U0371 | ISO/SAE Reserved |
| U0372 | ISO/SAE Reserved |
| U0373 | ISO/SAE Reserved |
| U0374 | ISO/SAE Reserved |
| U0375 | ISO/SAE Reserved |
| U0376 | ISO/SAE Reserved |
| U0377 | ISO/SAE Reserved |
| U0378 | ISO/SAE Reserved |
| U0379 | ISO/SAE Reserved |
| U037A | ISO/SAE Reserved |
| U037B | ISO/SAE Reserved |
| U037C | ISO/SAE Reserved |
| U037D | ISO/SAE Reserved |
| U037E | ISO/SAE Reserved |
| U037F | ISO/SAE Reserved |
| U0380 | ISO/SAE Reserved |
| U0381 | ISO/SAE Reserved |
| U0382 U0383 | ISO/SAE Reserved ISO/SAE Reserved |
| U0384 | ISO/SAE Reserved |
| U0385 | ISO/SAE Reserved |
| U0386 | ISO/SAE Reserved |
| U0387 | ISO/SAE Reserved |
| U0388 | ISO/SAE Reserved |
| U0389 | ISO/SAE Reserved |
| U038A | ISO/SAE Reserved |
| U038B | ISO/SAE Reserved |
| U038C | ISO/SAE Reserved |
| U038D | ISO/SAE Reserved |
| U038E | ISO/SAE Reserved |
| U038F | ISO/SAE Reserved |
| U0390 | ISO/SAE Reserved |
| | |

| Codes | |
|----------------|--------------------------------------|
| U0391 | ISO/SAE Reserved |
| U0392 | ISO/SAE Reserved |
| U0393 | ISO/SAE Reserved |
| U0394 | ISO/SAE Reserved |
| U0395 | ISO/SAE Reserved |
| U0396 | ISO/SAE Reserved |
| U0397 | ISO/SAE Reserved |
| U0398 | ISO/SAE Reserved |
| U0399 | ISO/SAE Reserved |
| U039A | ISO/SAE Reserved |
| U039B | ISO/SAE Reserved |
| U039C | ISO/SAE Reserved |
| U039D | ISO/SAE Reserved |
| U039E | ISO/SAE Reserved |
| U039F | ISO/SAE Reserved |
| U03A0 | ISO/SAE Reserved |
| U03A1 | ISO/SAE Reserved |
| U03A2 | ISO/SAE Reserved |
| U03A3 | ISO/SAE Reserved |
| U03A4 | ISO/SAE Reserved |
| U03A5 | ISO/SAE Reserved |
| U03A6 | ISO/SAE Reserved |
| U03A7 | ISO/SAE Reserved |
| U03A8 | ISO/SAE Reserved |
| U03A9 | ISO/SAE Reserved |
| U03AA U03AB | ISO/SAE Reserved ISO/SAE Reserved |
| U03AC | ISO/SAE Reserved |
| U03AD | ISO/SAE Reserved |
| U03AE | ISO/SAE Reserved |
| U03AF | ISO/SAE Reserved |
| U03B0 | ISO/SAE Reserved |
| U03B1 | ISO/SAE Reserved |
| U03B2 | ISO/SAE Reserved |
| U03B3 | ISO/SAE Reserved |
| U03B4 | ISO/SAE Reserved |
| U03B5 | ISO/SAE Reserved |
| U03B6 | ISO/SAE Reserved |
| U03B7 | ISO/SAE Reserved |
| U03B8 | ISO/SAE Reserved |
| U03B9 | ISO/SAE Reserved |
| U03BA | ISO/SAE Reserved |
| U03BB | ISO/SAE Reserved |
| U03BC | ISO/SAE Reserved |
| | |

| Codes | |
|----------------|--------------------------------------|
| U03BD | ISO/SAE Reserved |
| U03BE | ISO/SAE Reserved |
| U03BF | ISO/SAE Reserved |
| U03C0 | ISO/SAE Reserved |
| U03C1 | ISO/SAE Reserved |
| U03C2 | ISO/SAE Reserved |
| U03C3 | ISO/SAE Reserved |
| U03C4 | ISO/SAE Reserved |
| U03C5 | ISO/SAE Reserved |
| U03C6 | ISO/SAE Reserved |
| U03C7 | ISO/SAE Reserved |
| U03C8 | ISO/SAE Reserved |
| U03C9 | ISO/SAE Reserved |
| U03CA | ISO/SAE Reserved |
| U03CB | ISO/SAE Reserved |
| U03CC | ISO/SAE Reserved |
| U03CD | ISO/SAE Reserved |
| U03CE | ISO/SAE Reserved |
| U03CF | ISO/SAE Reserved |
| U03D0 | ISO/SAE Reserved |
| U03D1 | ISO/SAE Reserved |
| U03D2 | ISO/SAE Reserved |
| U03D3 | ISO/SAE Reserved |
| U03D4 | ISO/SAE Reserved |
| U03D5 | ISO/SAE Reserved |
| U03D6 | ISO/SAE Reserved |
| U03D7 | ISO/SAE Reserved |
| U03D8 | ISO/SAE Reserved |
| U03D9 U03DA | ISO/SAE Reserved |
| U03DA U03DB | ISO/SAE Reserved ISO/SAE Reserved |
| U03DC | ISO/SAE Reserved |
| U03DD | ISO/SAE Reserved |
| U03DE | ISO/SAE Reserved |
| U03DF | ISO/SAE Reserved |
| U03E0 | ISO/SAE Reserved |
| U03E1 | ISO/SAE Reserved |
| U03E2 | ISO/SAE Reserved |
| U03E3 | ISO/SAE Reserved |
| U03E4 | ISO/SAE Reserved |
| U03E5 | ISO/SAE Reserved |
| U03E6 | ISO/SAE Reserved |
| U03E7 | ISO/SAE Reserved |
| U03E8 | ISO/SAE Reserved |
| | |

| Codes | Definition |
|----------------|--|
| U03E9 | ISO/SAE Reserved |
| U03EA | ISO/SAE Reserved |
| U03EB | ISO/SAE Reserved |
| U03EC | ISO/SAE Reserved |
| U03ED | ISO/SAE Reserved |
| U03EE | ISO/SAE Reserved |
| U03EF | ISO/SAE Reserved |
| U03F0 | ISO/SAE Reserved |
| U03F1 | ISO/SAE Reserved |
| U03F2 | ISO/SAE Reserved |
| U03F3 | ISO/SAE Reserved |
| U03F4 | ISO/SAE Reserved |
| U03F5 | ISO/SAE Reserved |
| U03F6 | ISO/SAE Reserved |
| U03F7 | ISO/SAE Reserved |
| U03F8 | ISO/SAE Reserved |
| U03F9 | ISO/SAE Reserved |
| U03FA | ISO/SAE Reserved |
| U03FB | ISO/SAE Reserved |
| U03FC | ISO/SAE Reserved |
| U03FD | ISO/SAE Reserved |
| U03FE | ISO/SAE Reserved |
| U03FF | ISO/SAE Reserved |
| U0400 U0401 | ISO/SAE Reserved Invalid Data Received From ECM/PCM "A" |
| U0402 | Invalid Data Received From Transmission Control Module (TCM) |
| U0403 | Invalid Data Received From Transfer Case Control Module |
| U0405 | Invalid Data Received From Cruise Control Module |
| U0408 | Invalid Data Received From Throttle Actuator Control Module |
| | Invalid Data Received From Air Conditioning (A/C) Control |
| U040A | Module |
| U040B | Invalid Data Received From Exhaust Gas Recirculation Control Module "A" |
| U040D | Invalid Data Received From Turbocharger/Supercharger Control Module "A" |
| U040E | Invalid Data Received From Turbocharger/Supercharger Control Module "B" |
| U0410 | Invalid Data Received From Fuel Pump Control Module |
| U0415 | Invalid Data Received From Anti-Lock Brake System (ABS) Control Module |
| U0416 | Invalid Data Received From Vehicle Dynamics Control Module |
| U0417 | Invalid Data Received From Park Brake Control Module |
| U0418 | Invalid Data Received From Brake System Control Module |
| U041A | ISO/SAE Reserved |
| U041B | Invalid Data Received From Exhaust Gas Sensor Module |



| Codes | Definition |
|----------------|--|
| U041C | Invalid Data Received From Rocker Arm Control Module "A" |
| U041D | Invalid Data Received From Rocker Arm Control Module "B" |
| U041F | ISO/SAE Reserved |
| U0420 | Invalid Data Received From Power Steering Control Module |
| U0421 | Invalid Data Received From Suspension Control Module "A" |
| U0422 | Invalid Data Received From Body Control Module (BCM) |
| U0423 | Invalid Data Received From Instrument Panel Cluster Control |
| U0424 | Invalid Data Received From HVAC Control Module |
| U0425 | Invalid Data Received From Auxiliary Heater Control Module |
| U0426 | Invalid Data Received From Vehicle Immobilizer Control Module |
| U0428 | Invalid Data Received From Steering Angle Sensor Module |
| U042A | ISO/SAE Reserved |
| U042B | ISO/SAE Reserved |
| U042C | ISO/SAE Reserved |
| U042D | ISO/SAE Reserved |
| U042E | ISO/SAE Reserved |
| U042F | ISO/SAE Reserved |
| U0431 | Invalid Data Received From Body Control Module (BCM) "A" |
| U0432 | Invalid Data Received From Multi-axis Acceleration Sensor Module |
| U0434 | Invalid Data Received From Active Roll Control Module |
| U0436 | Invalid Data Received From Differential Control Module Front |
| U0437 | Invalid Data Received From Differential Control Module Rear |
| U0438 | Invalid Data Received From Trailer Brake Control Module |
| U043B | Invalid Data Received From Cruise Control Front Distance Range Sensor |
| U043C | Invalid Data Received From Cruise Control Front Distance Range Sensor |
| U043D | ISO/SAE Reserved |
| U043E | ISO/SAE Reserved |
| U043F | ISO/SAE Reserved |
| U0440 | ISO/SAE Reserved |
| U0441 | Invalid Data Received From Emissions Critical Control Information |
| U0445 | Invalid Data Received From Body Control Module (BCM) "D" |
| U0447 | Invalid Data Received From Gateway "A" |
| U0448 | Invalid Data Received From Gateway "B" |
| U0449 | Invalid Data Received From Gateway "C" |
| U044B | ISO/SAE Reserved |
| U044C | ISO/SAE Reserved |
| U044D | ISO/SAE Reserved |
| U044E U044F | ISO/SAE Reserved ISO/SAE Reserved |
| U044F U0450 | ISO/SAE Reserved ISO/SAE Reserved |
| U0452 | Invalid Data Received From Restraints Control Module |
| 00104 | |



| Codes | Definition |
|--------------|--|
| U0453 | Invalid Data Received From Side Restraints Control Module Left |
| U0454 | Invalid Data Received From Side Restraints Control Module |
| U0457 | Invalid Data Received From Information Center "A" |
| U0459 | Invalid Data Received From Head Up Display |
| U045A | Invalid Data Received From Parking Assist Control Module "A" |
| U045B | ISO/SAE Reserved |
| U045C | ISO/SAE Reserved |
| U045D | ISO/SAE Reserved |
| U045E | ISO/SAE Reserved |
| U045F | ISO/SAE Reserved |
| U0460 | ISO/SAE Reserved |
| U0461 | Invalid Data Received From Audible Alert Control Module |
| U0463 | Invalid Data Received From Navigation Display Module |
| U0464 | Invalid Data Received From Navigation Control Module |
| U0465 | Invalid Data Received From PTO Control Module |
| U0468 | Invalid Data Received From Fuel Cell Control Module |
| U046A | Invalid Data Received From Sunroof Control Module |
| U046C | ISO/SAE Reserved |
| U046D | ISO/SAE Reserved |
| U046E | ISO/SAE Reserved |
| U046F | ISO/SAE Reserved |
| U0470 | ISO/SAE Reserved |
| U0471 | Invalid Data Received From "Restraints System Sensor A" |
| U0472 | Invalid Data Received From "Restraints System Sensor B" |
| U0473 | Invalid Data Received From "Restraints System Sensor C" |
| U0474 | Invalid Data Received From "Restraints System Sensor D" |
| U0475 | Invalid Data Received From "Restraints System Sensor E" |
| U0476 | Invalid Data Received From "Restraints System Sensor F" |
| U0477 | Invalid Data Received From "Restraints System Sensor G" |
| U0478 | Invalid Data Received From "Restraints System Sensor H" |
| U0479 | Invalid Data Received From "Restraints System Sensor I" |
| U047A | Invalid Data Received From "Restraints System Sensor J" |
| U047B | Invalid Data Received From "Restraints System Sensor K" |
| U047C | Invalid Data Received From "Restraints System Sensor L" |
| U047D | Invalid Data Received From "Restraints System Sensor M" |
| U047E | Invalid Data Received From "Restraints System Sensor N" |
| U0481 | Invalid Data Received From Automatic Lighting Control Module |
| U0482 | Invalid Data Received From Headlamp Leveling Control Module |
| U0484 | Invalid Data Received From Lighting Control Module Rear "A" |
| U0486 | Invalid Data Received From Antenna Control Module |
| U0488 | Invalid Data Received From Digital Disc Player/Changer Module "A" |
| U0489 | Invalid Data Received From Digital Disc Player/Changer Module "B" |



| Codes | Definition |
|----------------|--|
| U048A | Invalid Data Received From Digital Disc Player/Changer Module "C" |
| U048B | ISO/SAE Reserved |
| U048C | ISO/SAE Reserved |
| U048D | ISO/SAE Reserved |
| U048E | ISO/SAE Reserved |
| U048 F | ISO/SAE Reserved |
| U0490 | ISO/SAE Reserved |
| U0491 | Invalid Data Received From Digital Disc Player/Changer Module "D" |
| U0492 | Invalid Data Received From Television |
| U0493 | Invalid Data Received From Personal Computer |
| U0494 | Invalid Data Received From "Digital Audio Control Module A" |
| U0495 | Invalid Data Received From "Digital Audio Control Module B" |
| U0496 | Invalid Data Received From Subscription Entertainment Receiver Module |
| U0497 | Invalid Data Received From Entertainment Control Module Rear "A" |
| U0498 | Invalid Data Received From Telephone Control Module |
| U0499 | Invalid Data Received From Telematic Control Module |
| U049B | ISO/SAE Reserved |
| U049C | ISO/SAE Reserved |
| U049D | ISO/SAE Reserved |
| U049E | ISO/SAE Reserved |
| U049F | ISO/SAE Reserved |
| U04A0 | ISO/SAE Reserved |
| U04A1 | ISO/SAE Reserved |
| U04A2 | ISO/SAE Reserved |
| U04A3 | ISO/SAE Reserved |
| U04A4 | ISO/SAE Reserved |
| U04A5 | ISO/SAE Reserved |
| U04A6 | ISO/SAE Reserved ISO/SAE Reserved |
| U04A7 U04A8 | ISO/SAE Reserved |
| U04A8 U04A9 | ISO/SAE Reserved |
| U04A9 | ISO/SAE Reserved |
| U04AB | ISO/SAE Reserved |
| U04AC | ISO/SAE Reserved |
| U04AD | ISO/SAE Reserved |
| U04AE | ISO/SAE Reserved |
| U04AF | ISO/SAE Reserved |
| U04B0 | ISO/SAE Reserved |
| U04B1 | ISO/SAE Reserved |
| U04B2 | ISO/SAE Reserved |
| U04B3 | ISO/SAE Reserved |



| Codes | |
|----------------|--------------------------------------|
| U04B4 | ISO/SAE Reserved |
| U04B5 | ISO/SAE Reserved |
| U04B6 | ISO/SAE Reserved |
| U04B7 | ISO/SAE Reserved |
| U04B8 | ISO/SAE Reserved |
| U04B9 | ISO/SAE Reserved |
| U04BA | ISO/SAE Reserved |
| U04BB | ISO/SAE Reserved |
| U04BC | ISO/SAE Reserved |
| U04BD | ISO/SAE Reserved |
| U04BE | ISO/SAE Reserved |
| U04BF | ISO/SAE Reserved |
| U04C0 | ISO/SAE Reserved |
| U04C1 | ISO/SAE Reserved |
| U04C2 | ISO/SAE Reserved |
| U04C3 | ISO/SAE Reserved |
| U04C4 | ISO/SAE Reserved |
| U04C5 | ISO/SAE Reserved |
| U04C6 | ISO/SAE Reserved |
| U04C7 | ISO/SAE Reserved |
| U04C8 | ISO/SAE Reserved |
| U04C9 | ISO/SAE Reserved |
| U04CA | ISO/SAE Reserved |
| U04CB | ISO/SAE Reserved |
| U04CC | ISO/SAE Reserved |
| U04CD | ISO/SAE Reserved |
| U04CE | ISO/SAE Reserved |
| U04CF | ISO/SAE Reserved |
| U04D0 | ISO/SAE Reserved |
| U04D1 | ISO/SAE Reserved |
| U04D2 | ISO/SAE Reserved |
| U04D3 U04D4 | ISO/SAE Reserved ISO/SAE Reserved |
| U04D4 | ISO/SAE Reserved |
| U04D5 | ISO/SAE Reserved |
| U04D7 | ISO/SAE Reserved |
| U04D8 | ISO/SAE Reserved |
| U04D9 | ISO/SAE Reserved |
| U04DA | ISO/SAE Reserved |
| U04DB | ISO/SAE Reserved |
| U04DC | ISO/SAE Reserved |
| U04DD | ISO/SAE Reserved |
| U04DE | ISO/SAE Reserved |
| U04DF | ISO/SAE Reserved |
| | , <u> </u> |

| Codes | Definition |
|----------------|---|
| U04E0 | ISO/SAE Reserved |
| U04E1 | ISO/SAE Reserved |
| U04E2 | ISO/SAE Reserved |
| U04E3 | ISO/SAE Reserved |
| U04E4 | ISO/SAE Reserved |
| U04E5 | ISO/SAE Reserved |
| U04E6 | ISO/SAE Reserved |
| U04E7 | ISO/SAE Reserved |
| U04E8 | ISO/SAE Reserved |
| U04E9 | ISO/SAE Reserved |
| U04EA | ISO/SAE Reserved |
| U04EB | ISO/SAE Reserved |
| U04EC | ISO/SAE Reserved |
| U04ED | ISO/SAE Reserved |
| U04EE | ISO/SAE Reserved |
| U04EF | ISO/SAE Reserved |
| U04F0 | ISO/SAE Reserved |
| U04F1 | ISO/SAE Reserved |
| U04F2 | ISO/SAE Reserved |
| U04F3 | ISO/SAE Reserved |
| U04F4 | ISO/SAE Reserved |
| U04F5 | ISO/SAE Reserved |
| U04F6 | ISO/SAE Reserved |
| U04F7 | ISO/SAE Reserved |
| U04F8 | ISO/SAE Reserved |
| U04F9 | ISO/SAE Reserved |
| U04FA | ISO/SAE Reserved ISO/SAE Reserved |
| U04FB U04FC | |
| U04FC U04FD | ISO/SAE Reserved ISO/SAE Reserved |
| U04FE | ISO/SAE Reserved |
| U04FF | ISO/SAE Reserved |
| U0500 | ISO/SAE Reserved |
| U0502 | Invalid Data Received From "Door Control Module C" |
| U0503 | Invalid Data Received From "Door Control Module D" |
| U0504 | Invalid Data Received From "Door Control Module E" |
| U0505 | Invalid Data Received From "Door Control Module F" |
| U0507 | Invalid Data Received From Folding Top Control Module |
| U0508 | Invalid Data Received From Moveable Roof Control Module |
| U050A | Invalid Data Received From "Seat Control Module B" |
| U050B | ISO/SAE Reserved |
| U050C | ISO/SAE Reserved |
| U050D | ISO/SAE Reserved |
| U050E | ISO/SAE Reserved |
| | |



| Codes | Definition |
|----------------|--|
| U050F | ISO/SAE Reserved |
| U0510 | ISO/SAE Reserved |
| U0511 | Invalid Data Received From "Seat Control Module C" |
| U0512 | Invalid Data Received From "Seat Control Module D" |
| U0513 | Invalid Data Received From Yaw Rate Sensor Module |
| U0516 | Invalid Data Received From "Door Switch A" |
| U0517 | Invalid Data Received From "Door Switch B" |
| U0518 | Invalid Data Received From "Door Switch C" |
| U0519 | Invalid Data Received From "Door Switch D" |
| U051A | Invalid Data Received From "Door Switch E" |
| U051B | ISO/SAE Reserved |
| U051C | ISO/SAE Reserved |
| U051D | ISO/SAE Reserved |
| U051E | ISO/SAE Reserved |
| U051F | ISO/SAE Reserved |
| U0520 | ISO/SAE Reserved |
| U0521 | Invalid Data Received From "Door Switch F" |
| U0522 | Invalid Data Received From "Door Switch G" |
| U0523 | Invalid Data Received From "Door Window Motor A" |
| U0524 | Invalid Data Received From "Door Window Motor B" |
| U0525 | Invalid Data Received From "Door Window Motor C" |
| U0526 | Invalid Data Received From "Door Window Motor D" |
| U0527 | Invalid Data Received From "Door Window Motor E" |
| U0528 | Invalid Data Received From "Door Window Motor F" |
| U0529 | Invalid Data Received From "Door Window Motor G" |
| U052A | Invalid Data Received From Heated Steering Wheel Module |
| U052B | ISO/SAE Reserved |
| U052C | ISO/SAE Reserved |
| U052D | ISO/SAE Reserved |
| U052E | ISO/SAE Reserved |
| U052F | ISO/SAE Reserved ISO/SAE Reserved |
| U0530 U0532 | |
| U0535 | Invalid Data Received From Rain Sensing Module Invalid Data Received From Convenience Recall Module |
| U0536 | Invalid Data Received From Lateral Acceleration Sensor Module |
| U0537 | Invalid Data Received From Column Lock Module |
| U0538 | Invalid Data Received From "Digital Audio Control Module C" |
| U0539 | Invalid Data Received From "Digital Audio Control Module C" |
| U053A | Invalid Data Received From Entrapment Control Module "A" |
| U053B | Invalid Data Received From Image Processing Module "A" |
| U053C | Invalid Data Received From Image Processing Module "A" |
| U053D | Invalid Data Received From Image Processing Module "D" |
| U053E | ISO/SAE Reserved |
| U053F | ISO/SAE Reserved |
| 5 0 0 0 I | |



| Codes | Definition |
|-------|--|
| U0540 | ISO/SAE Reserved |
| U0541 | Invalid Data Received From Entrapment Control Module "B" |
| U0543 | Invalid Data Received From Headlamp Control Module "B" |
| U0544 | Invalid Data Received From Parking Assist Control Module "B" |
| U0545 | Invalid Data Received From Running Board Control Module |
| U0546 | Invalid Data Received From Entertainment Control Module Front |
| U0547 | Invalid Data Received From "Seat Control Module E" |
| U0548 | Invalid Data Received From "Seat Control Module F" |
| U0549 | Invalid Data Received From Remote Accessory Module |
| U054A | Invalid Data Received From Entertainment Control Module Rear "B" |
| U054B | Invalid Data Received From Interior Lighting Control Module |
| U054C | ISO/SAE Reserved |
| U054D | ISO/SAE Reserved |
| U054E | ISO/SAE Reserved |
| U054F | ISO/SAE Reserved |
| U0550 | ISO/SAE Reserved |
| U0551 | Invalid Data Received From Impact Classification System Module |
| U0552 | Invalid Data Received From Running Board Control Module "B" |
| U0553 | Invalid Data Received From Lighting Control Module Rear "B" |
| U0555 | Invalid Data Received From Remote Start Module |
| U055A | Invalid Data Received From Special Purpose Vehicle Control Module (VCM) "A" |
| U055B | Invalid Data Received From Special Purpose Vehicle Control Module (VCM) "B" |
| U055C | Invalid Data Received From Special Purpose Vehicle Control Module (VCM) "C" |
| U055D | Invalid Data Received From Special Purpose Vehicle Control Module (VCM) "D" |
| U055E | Invalid Data Received From Front Controls Interface Module "B" |
| U0562 | Invalid Data Received From Seat Control Switch Module "B" |
| U0563 | Invalid Data Received From AMP Unit "B" |
| U0565 | Invalid Data Received From Camera Module Rear |
| U0566 | ISO/SAE Reserved |
| U0567 | ISO/SAE Reserved |
| U0568 | ISO/SAE Reserved |
| U0569 | ISO/SAE Reserved |
| U056A | ISO/SAE Reserved |
| U056B | ISO/SAE Reserved |
| U056C | ISO/SAE Reserved |
| U056D | ISO/SAE Reserved |
| U056E | ISO/SAE Reserved |
| U056F | ISO/SAE Reserved |
| U0570 | ISO/SAE Reserved |
| U0571 | ISO/SAE Reserved |



| Codes | Definition |
|--------------|---|
| U0572 | ISO/SAE Reserved |
| U0573 | ISO/SAE Reserved |
| U0574 | ISO/SAE Reserved |
| U0575 | ISO/SAE Reserved |
| U0576 | ISO/SAE Reserved |
| U0577 | ISO/SAE Reserved |
| U0578 | ISO/SAE Reserved |
| U0579 | ISO/SAE Reserved |
| U057A | ISO/SAE Reserved |
| U057B | ISO/SAE Reserved |
| U057C | ISO/SAE Reserved |
| U057D | ISO/SAE Reserved |
| U057E | ISO/SAE Reserved |
| U057F | ISO/SAE Reserved |
| U0580 | ISO/SAE Reserved |
| U0581 | ISO/SAE Reserved |
| U0582 | ISO/SAE Reserved |
| U0583 | ISO/SAE Reserved |
| U0584 | ISO/SAE Reserved |
| U0585 | ISO/SAE Reserved |
| U0586 | ISO/SAE Reserved |
| U0587 | Invalid Data Received From With Radiator Anti Tamper Device |
| U0588 | Invalid Data Received From Transmission Fluid Pump Module/p> |
| U0589 | Invalid Data Received From DC to AC Converter Control Module "A" |
| U058A | Invalid Data Received From DC to AC Converter Control Module "B" |
| U058B | ISO/SAE Reserved |
| U058C | ISO/SAE Reserved |
| U058D | ISO/SAE Reserved |
| U058E | ISO/SAE Reserved |
| U058F | ISO/SAE Reserved |
| U0590 | ISO/SAE Reserved |
| U0591 | ISO/SAE Reserved |
| U0592 | Invalid Data Received From Gear Shift Control Module "B" |
| U0593 | Invalid Data Received From Drive Motor Control Module (DMCM) "B" |
| U0594 | Invalid Data Received From Hybrid Powertrain Control Module |
| U0595 | Invalid Data Received From Powertrain Control Monitor Module |
| U0596 | Invalid Data Received From AC to AC Converter Control Module |
| U0597 | Invalid Data Received From AC to DC Converter Control Module "A" |
| U0598 | Invalid Data Received From AC to DC Converter Control Module "B" |
| U059B | Invalid Data Received From Hybrid Battery Pack Sensor Module |



| Codes | Definition |
|--------------|---|
| U059C | Invalid Data Received From Drive Motor Control Module (DMCM) "C" |
| U059D | Invalid Data Received From Drive Motor Control Module (DMCM) "D" |
| U05A0 | ISO/SAE Reserved |
| U05A1 | ISO/SAE Reserved |
| U05A2 | ISO/SAE Reserved |
| U05A3 | ISO/SAE Reserved |
| U05A4 | ISO/SAE Reserved |
| U05A5 | ISO/SAE Reserved |
| U05A6 | ISO/SAE Reserved |
| U05A7 | ISO/SAE Reserved |
| U05A8 | ISO/SAE Reserved |
| U05A9 | ISO/SAE Reserved |
| U05AA | ISO/SAE Reserved |
| U05AB | ISO/SAE Reserved |
| U05AC | ISO/SAE Reserved |
| U05AD | ISO/SAE Reserved |
| U05AE | ISO/SAE Reserved |
| U05AF | ISO/SAE Reserved |
| U05B0 | ISO/SAE Reserved |
| U05B1 | ISO/SAE Reserved |
| U05B2 | ISO/SAE Reserved |
| U05B3 | ISO/SAE Reserved |
| U05B4 | ISO/SAE Reserved |
| U05B5 | ISO/SAE Reserved |
| U05B6 | ISO/SAE Reserved |
| U05B7 | ISO/SAE Reserved |
| U05B8 | ISO/SAE Reserved |
| U05B9 | ISO/SAE Reserved |
| U05BA | ISO/SAE Reserved |
| U05BB | ISO/SAE Reserved |
| U05BC | ISO/SAE Reserved |
| U05BD | ISO/SAE Reserved |
| U05BE | ISO/SAE Reserved |
| U05BF | ISO/SAE Reserved |
| U05C0 | ISO/SAE Reserved |
| U05C1 | ISO/SAE Reserved |
| U05C2 | ISO/SAE Reserved |
| U05C3 | ISO/SAE Reserved |
| U05C4 | ISO/SAE Reserved |
| U05C5 | ISO/SAE Reserved |
| U05C6 | ISO/SAE Reserved |
| U05C7 | ISO/SAE Reserved |



| Codes | |
|----------------|--------------------------------------|
| U05C8 | ISO/SAE Reserved |
| U05C9 | ISO/SAE Reserved |
| U05CA | ISO/SAE Reserved |
| U05CB | ISO/SAE Reserved |
| U05CC | ISO/SAE Reserved |
| U05CD | ISO/SAE Reserved |
| U05CE | ISO/SAE Reserved |
| U05CF | ISO/SAE Reserved |
| U05D0 | ISO/SAE Reserved |
| U05D1 | ISO/SAE Reserved |
| U05D2 | ISO/SAE Reserved |
| U05D3 | ISO/SAE Reserved |
| U05D4 | ISO/SAE Reserved |
| U05D5 | ISO/SAE Reserved |
| U05D6 | ISO/SAE Reserved |
| U05D7 | ISO/SAE Reserved |
| U05D8 | ISO/SAE Reserved |
| U05D9 | ISO/SAE Reserved |
| U05DA | ISO/SAE Reserved |
| U05DB | ISO/SAE Reserved |
| U05DC | ISO/SAE Reserved |
| U05DD | ISO/SAE Reserved |
| U05DE | ISO/SAE Reserved |
| U05DF | ISO/SAE Reserved |
| U05E0 | ISO/SAE Reserved |
| U05E1 | ISO/SAE Reserved |
| U05E2 | ISO/SAE Reserved |
| U05E3 | ISO/SAE Reserved |
| U05E4 U05E5 | ISO/SAE Reserved ISO/SAE Reserved |
| U05E6 | ISO/SAE Reserved |
| U05E7 | ISO/SAE Reserved |
| U05E8 | ISO/SAE Reserved |
| U05E9 | ISO/SAE Reserved |
| U05EA | ISO/SAE Reserved |
| U05EB | ISO/SAE Reserved |
| U05EC | ISO/SAE Reserved |
| U05ED | ISO/SAE Reserved |
| U05EE | ISO/SAE Reserved |
| U05EF | ISO/SAE Reserved |
| U05F0 | ISO/SAE Reserved |
| U05F1 | ISO/SAE Reserved |
| U05F2 | ISO/SAE Reserved |
| U05F3 | ISO/SAE Reserved |
| | |

| Codes | Definition |
|--------------|-----------------------------------|
| U05F4 | ISO/SAE Reserved |
| U05F5 | ISO/SAE Reserved |
| U05F6 | ISO/SAE Reserved |
| U05F7 | ISO/SAE Reserved |
| U05F8 | ISO/SAE Reserved |
| U05F9 | ISO/SAE Reserved |
| U05FA | ISO/SAE Reserved |
| U05FB | ISO/SAE Reserved |
| U05FC | ISO/SAE Reserved |
| U05FD | ISO/SAE Reserved |
| U05FE | ISO/SAE Reserved |
| U05FF | ISO/SAE Reserved |
| U0600 | ISO/SAE Reserved |
| U3000 | Control Module |
| U3001 | Control Module Improper Shutdown |
| U3003 | Battery Voltage |
| U3005 | Retained Accessory Power |
| U3006 | Control Module Input Power "A" |
| U3007 | Control Module Input Power "B" |
| U3008 | Control Module Ground "A" |
| U3009 | Control Module Ground "B" |
| U300B | Ignition Input Accessory/On/Start |
| U300F | Ignition Input Accessory |
| U3010 | Ignition Input Start |
| U3012 | ISO/SAE Reserved |
| U3013 | ISO/SAE Reserved |
| U3014 | ISO/SAE Reserved |
| U3017 | ISO/SAE Reserved |
| U3018 | ISO/SAE Reserved |
| U3019 | ISO/SAE Reserved |
| U301A | ISO/SAE Reserved |
| U301B | ISO/SAE Reserved |
| U301C | ISO/SAE Reserved |
| U301D | ISO/SAE Reserved |
| U301E | ISO/SAE Reserved |
| U301F | ISO/SAE Reserved |
| U3020 | ISO/SAE Reserved |
| U3021 | ISO/SAE Reserved |
| U3022 | ISO/SAE Reserved |
| U3023 | ISO/SAE Reserved |
| U3024 | ISO/SAE Reserved |
| U3025 | ISO/SAE Reserved |
| U3026 | ISO/SAE Reserved |
| U3027 | ISO/SAE Reserved |

| Codes | |
|----------------|--------------------------------------|
| U3028 | ISO/SAE Reserved |
| U3029 | ISO/SAE Reserved |
| U302A | ISO/SAE Reserved |
| U302B | ISO/SAE Reserved |
| U302C | ISO/SAE Reserved |
| U302D | ISO/SAE Reserved |
| U302E | ISO/SAE Reserved |
| U302F | ISO/SAE Reserved |
| U3030 | ISO/SAE Reserved |
| U3031 | ISO/SAE Reserved |
| U3032 | ISO/SAE Reserved |
| U3033 | ISO/SAE Reserved |
| U3034 | ISO/SAE Reserved |
| U3035 | ISO/SAE Reserved |
| U3036 | ISO/SAE Reserved |
| U3037 | ISO/SAE Reserved |
| U3038 | ISO/SAE Reserved |
| U3039 | ISO/SAE Reserved |
| U303A | ISO/SAE Reserved |
| U303B | ISO/SAE Reserved |
| U303C U303D | ISO/SAE Reserved |
| U303D U303E | ISO/SAE Reserved ISO/SAE Reserved |
| U303F | ISO/SAE Reserved |
| U3040 | ISO/SAE Reserved |
| U3041 | ISO/SAE Reserved |
| U3042 | ISO/SAE Reserved |
| U3043 | ISO/SAE Reserved |
| U3044 | ISO/SAE Reserved |
| U3045 | ISO/SAE Reserved |
| U3046 | ISO/SAE Reserved |
| U3047 | ISO/SAE Reserved |
| U3048 | ISO/SAE Reserved |
| U3049 | ISO/SAE Reserved |
| U304A | ISO/SAE Reserved |
| U304B | ISO/SAE Reserved |
| U304C | ISO/SAE Reserved |
| U304D | ISO/SAE Reserved |
| U304E | ISO/SAE Reserved |
| U304F | ISO/SAE Reserved |
| U3050 | ISO/SAE Reserved |
| U3051 | ISO/SAE Reserved |
| U3052 | ISO/SAE Reserved |
| U3053 | ISO/SAE Reserved |

| Codes | |
|----------------|--------------------------------------|
| U3054 | ISO/SAE Reserved |
| U3055 | ISO/SAE Reserved |
| U3056 | ISO/SAE Reserved |
| U3057 | ISO/SAE Reserved |
| U3058 | ISO/SAE Reserved |
| U3059 | ISO/SAE Reserved |
| U305A | ISO/SAE Reserved |
| U305B | ISO/SAE Reserved |
| U305C | ISO/SAE Reserved |
| U305D | ISO/SAE Reserved |
| U305E | ISO/SAE Reserved |
| U305F | ISO/SAE Reserved |
| U3060 | ISO/SAE Reserved |
| U3061 | ISO/SAE Reserved |
| U3062 | ISO/SAE Reserved |
| U3063 | ISO/SAE Reserved |
| U3064 | ISO/SAE Reserved |
| U3065 | ISO/SAE Reserved |
| U3066 | ISO/SAE Reserved |
| U3067 | ISO/SAE Reserved |
| U3068 | ISO/SAE Reserved |
| U3069 | ISO/SAE Reserved |
| U306A U306B | ISO/SAE Reserved |
| U306C | ISO/SAE Reserved ISO/SAE Reserved |
| U306D | ISO/SAE Reserved |
| U306E | ISO/SAE Reserved |
| U306F | ISO/SAE Reserved |
| U3070 | ISO/SAE Reserved |
| U3071 | ISO/SAE Reserved |
| U3072 | ISO/SAE Reserved |
| U3073 | ISO/SAE Reserved |
| U3074 | ISO/SAE Reserved |
| U3075 | ISO/SAE Reserved |
| U3076 | ISO/SAE Reserved |
| U3077 | ISO/SAE Reserved |
| U3078 | ISO/SAE Reserved |
| U3079 | ISO/SAE Reserved |
| U307A | ISO/SAE Reserved |
| U307B | ISO/SAE Reserved |
| U307C | ISO/SAE Reserved |
| U307D | ISO/SAE Reserved |
| U307E | ISO/SAE Reserved |
| U307F | ISO/SAE Reserved |

| Codes | |
|----------------|--------------------------------------|
| U3080 | ISO/SAE Reserved |
| U3081 | ISO/SAE Reserved |
| U3082 | ISO/SAE Reserved |
| U3083 | ISO/SAE Reserved |
| U3084 | ISO/SAE Reserved |
| U3085 | ISO/SAE Reserved |
| U3086 | ISO/SAE Reserved |
| U3087 | ISO/SAE Reserved |
| U3088 | ISO/SAE Reserved |
| U3089 | ISO/SAE Reserved |
| U308A | ISO/SAE Reserved |
| U308B | ISO/SAE Reserved |
| U308C | ISO/SAE Reserved |
| U308D | ISO/SAE Reserved |
| U308E | ISO/SAE Reserved |
| U308F | ISO/SAE Reserved |
| U3090 | ISO/SAE Reserved |
| U3091 | ISO/SAE Reserved |
| U3092 | ISO/SAE Reserved |
| U3093 | ISO/SAE Reserved |
| U3094 | ISO/SAE Reserved |
| U3095 | ISO/SAE Reserved |
| U3096 | ISO/SAE Reserved |
| U3097 | ISO/SAE Reserved |
| U3098 | ISO/SAE Reserved |
| U3099 | ISO/SAE Reserved |
| U309A | ISO/SAE Reserved |
| U309B | ISO/SAE Reserved |
| U309C | ISO/SAE Reserved |
| U309D | ISO/SAE Reserved |
| U309E | ISO/SAE Reserved |
| U309F U30A0 | ISO/SAE Reserved |
| U30A0 U30A1 | ISO/SAE Reserved ISO/SAE Reserved |
| U30A1 U30A2 | |
| U30A2 U30A3 | ISO/SAE Reserved ISO/SAE Reserved |
| U30A3 | ISO/SAE Reserved |
| U30A4 | ISO/SAE Reserved |
| U30A6 | ISO/SAE Reserved |
| U30A0 | ISO/SAE Reserved |
| U30A8 | ISO/SAE Reserved |
| U30A8 | ISO/SAE Reserved |
| U30A9 | ISO/SAE Reserved |
| U30AB | ISO/SAE Reserved |
| UJUAD | 100/04E IVESELVEU |

| Codes | |
|----------------|--------------------------------------|
| U30AC | ISO/SAE Reserved |
| U30AD | ISO/SAE Reserved |
| U30AE | ISO/SAE Reserved |
| U30AF | ISO/SAE Reserved |
| U30B0 | ISO/SAE Reserved |
| U30B1 | ISO/SAE Reserved |
| U30B2 | ISO/SAE Reserved |
| U30B3 | ISO/SAE Reserved |
| U30B4 | ISO/SAE Reserved |
| U30B5 | ISO/SAE Reserved |
| U30B6 | ISO/SAE Reserved |
| U30B7 | ISO/SAE Reserved |
| U30B8 | ISO/SAE Reserved |
| U30B9 | ISO/SAE Reserved |
| U30BA | ISO/SAE Reserved |
| U30BB | ISO/SAE Reserved |
| U30BC | ISO/SAE Reserved |
| U30BD | ISO/SAE Reserved |
| U30BE | ISO/SAE Reserved |
| U30BF | ISO/SAE Reserved |
| U30C0 | ISO/SAE Reserved |
| U30C1 | ISO/SAE Reserved |
| U30C2 | ISO/SAE Reserved |
| U30C3 | ISO/SAE Reserved |
| U30C4 | ISO/SAE Reserved |
| U30C5 | ISO/SAE Reserved |
| U30C6 | ISO/SAE Reserved |
| U30C7 | ISO/SAE Reserved |
| U30C8 U30C9 | ISO/SAE Reserved ISO/SAE Reserved |
| U30C9 U30CA | ISO/SAE Reserved |
| U30CB | ISO/SAE Reserved |
| U30CC | ISO/SAE Reserved |
| U30CD | ISO/SAE Reserved |
| U30CE | ISO/SAE Reserved |
| U30CF | ISO/SAE Reserved |
| U30D0 | ISO/SAE Reserved |
| U30D1 | ISO/SAE Reserved |
| U30D2 | ISO/SAE Reserved |
| U30D3 | ISO/SAE Reserved |
| U30D4 | ISO/SAE Reserved |
| U30D5 | ISO/SAE Reserved |
| U30D6 | ISO/SAE Reserved |
| U30D7 | ISO/SAE Reserved |
| | -, |

| Codes | |
|--------------|------------------|
| U30D8 | ISO/SAE Reserved |
| U30D9 | ISO/SAE Reserved |
| U30DA | ISO/SAE Reserved |
| U30DB | ISO/SAE Reserved |
| U30DC | ISO/SAE Reserved |
| U30DD | ISO/SAE Reserved |
| U30DE | ISO/SAE Reserved |
| U30DF | ISO/SAE Reserved |
| U30E0 | ISO/SAE Reserved |
| U30E1 | ISO/SAE Reserved |
| U30E2 | ISO/SAE Reserved |
| U30E3 | ISO/SAE Reserved |
| U30E4 | ISO/SAE Reserved |
| U30E5 | ISO/SAE Reserved |
| U30E6 | ISO/SAE Reserved |
| U30E7 | ISO/SAE Reserved |
| U30E8 | ISO/SAE Reserved |
| U30E9 | ISO/SAE Reserved |
| U30EA | ISO/SAE Reserved |
| U30EB | ISO/SAE Reserved |
| U30EC | ISO/SAE Reserved |
| U30ED | ISO/SAE Reserved |
| U30EE | ISO/SAE Reserved |
| U30EF | ISO/SAE Reserved |
| U30F0 | ISO/SAE Reserved |
| U30F1 | ISO/SAE Reserved |
| U30F2 | ISO/SAE Reserved |
| U30F3 | ISO/SAE Reserved |
| U30F4 | ISO/SAE Reserved |
| U30F5 | ISO/SAE Reserved |
| U30F6 | ISO/SAE Reserved |
| U30F7 | ISO/SAE Reserved |
| U30F8 | ISO/SAE Reserved |
| U30F9 | ISO/SAE Reserved |
| U30FA | ISO/SAE Reserved |
| U30FB | ISO/SAE Reserved |
| U30FC | ISO/SAE Reserved |
| U30FD | ISO/SAE Reserved |
| U30FE | ISO/SAE Reserved |
| U30FF | ISO/SAE Reserved |
| U3100 | ISO/SAE Reserved |

