

List of Diagnostic Trouble Code (DTC)

VEHICLE DYNAMICS CONTROL (VDC) (DIAGNOSTICS)

11.List of Diagnostic Trouble Code (DTC)

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| DTC | Detailed code | Display | Content of diagnosis | Reference |
|-------|--------------------------------------|--|---|--|
| C0021 | 5045 | Front Right ABS Sensor Circuit Open or Shorted Battery | Open/high input of front ABS wheel speed sensor RH | <Ref. to VDC(diag)-39, DTC C0021 FRONT RIGHT ABS SENSOR CIRCUIT OPEN OR SHORT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| C0022 | 5049 5053 5057 5061 5065 | Front Right ABS Sensor Signal | Front ABS wheel speed sensor RH signal malfunction | <Ref. to VDC(diag)-42, DTC C0022 FRONT RIGHT ABS SENSOR SIGNAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| C0023 | 5044 | Front Left ABS Sensor Circuit Open or Shorted Battery | Open/high input of front ABS wheel speed sensor LH | <Ref. to VDC(diag)-39, DTC C0023 FRONT LEFT ABS SENSOR CIRCUIT OPEN OR SHORT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| C0024 | 5048 5052 5056 5060 5064 | Front Left ABS Sensor Signal | Front ABS wheel speed sensor LH signal malfunction | <Ref. to VDC(diag)-42, DTC C0024 FRONT LEFT ABS SENSOR SIGNAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| C0025 | 5047 | Rear Right ABS Sensor Circuit Open or Shorted Battery | Open/high input of rear ABS wheel speed sensor RH | <Ref. to VDC(diag)-39, DTC C0025 REAR RIGHT ABS SENSOR CIRCUIT OPEN OR SHORT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| C0026 | 5051 5055 5059 5063 5067 | Rear Right ABS Sensor Signal | Rear ABS wheel speed sensor RH signal malfunction | <Ref. to VDC(diag)-42, DTC C0026 REAR RIGHT ABS SENSOR SIGNAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| C0027 | 5046 | Rear Left ABS Sensor Circuit Open or Shorted Battery | Open/high input of rear ABS wheel speed sensor LH | <Ref. to VDC(diag)-40, DTC C0027 REAR LEFT ABS SENSOR CIRCUIT OPEN OR SHORT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| C0028 | 5050 5054 5058 5062 5066 | Rear Left ABS Sensor Signal | Rear ABS wheel speed sensor LH signal malfunction | <Ref. to VDC(diag)-43, DTC C0028 REAR LEFT ABS SENSOR SIGNAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| C0031 | 5019 | FR Hold Valve malfunction | Front inlet solenoid valve RH malfunction in VDCCM&H/U | <Ref. to VDC(diag)-45, DTC C0031 FR HOLD VALVE MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| C0032 | 5023 | FR Pressure Reducing Valve malfunction | Front outlet solenoid valve RH malfunction in VDCCM&H/U | <Ref. to VDC(diag)-45, DTC C0032 FR PRESSURE REDUCING VALVE MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| C0033 | 5018 | FL Hold Valve malfunction | Front inlet solenoid valve LH malfunction in VDCCM&H/U | <Ref. to VDC(diag)-45, DTC C0033 FL HOLD VALVE MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| C0034 | 5022 | FL Pressure Reducing Valve malfunction | Front outlet solenoid valve LH malfunction in VDCCM&H/U | <Ref. to VDC(diag)-45, DTC C0034 FL PRESSURE REDUCING VALVE MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| C0035 | 5021 | RR Hold Valve malfunction | Rear inlet solenoid valve RH malfunction in VDCCM&H/U | <Ref. to VDC(diag)-46, DTC C0035 RR HOLD VALVE MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |

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| C0036 | 5025 | RR Pressure Reducing Valve malfunction | Rear outlet solenoid valve RH malfunction in VDCCM&H/U | <Ref. to VDC(diag)-46, DTC C0036 RR PRESSURE REDUCING VALVE MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| C0037 | 5020 | RL Hold Valve malfunction | Rear inlet solenoid valve LH malfunction in VDCCM&H/U | <Ref. to VDC(diag)-46, DTC C0037 RL HOLD VALVE MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| C0038 | 5024 | RL Pressure Reducing Valve malfunction | Rear outlet solenoid valve LH malfunction in VDCCM&H/U | <Ref. to VDC(diag)-46, DTC C0038 RL PRESSURE REDUCING VALVE MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| C0041 | 5002 5003 5004 5005 5006 5007 5008 5009 5010 5011 5012 5013 5014 5015 5037 5038 5040 5041 5068 5069 5134 | Electrical Control Module | VDC control module malfunction | <Ref. to VDC(diag)-49, DTC C0041 ECM, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| | 5148 5149 | Parameter selection error | VDC control module parameter selection failure | <Ref. to VDC(diag)-51, DTC C0041 PARAMETER SELECTION ERROR, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| C0042 | 5000 5001 | Power Supply Voltage Failure | Power voltage malfunction | <Ref. to VDC(diag)-52, DTC C0042 POWER SUPPLY VOLTAGE FAILURE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| C0044 | 5137 5140 5142 | TCM Communication Circuit | CAN communication failure of transmission control module | <Ref. to VDC(diag)-54, DTC C0044 TCM COMMUNICATION CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| C0045 | 5144 | TCM malfunction | Malfunction of transmission control module | <Ref. to VDC(diag)-55, DTC C0045 TCM MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| | 5146 | Incorrect VDC Control Module specifications | Different VDC control module specification | <Ref. to VDC(diag)-56, DTC C0045 INCORRECT VDC CONTROL MODULE SPECIFICATIONS, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| C0046 | 5155 | Body Integrated Module Communication Circuit | Body integrated module communication circuit | <Ref. to VDC(diag)-58, DTC C0046 BODY INTEGRATED MODULE COMMUNICATION CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| C0047 | 5135 | Improper CAN Communication | Improper CAN communication | <Ref. to VDC(diag)-59, DTC C0047 CAN COMMUNICATION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |

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| C0048 | 5156 | Parking Brake System Communication Circuit | Parking brake system communication circuit | <Ref. to VDC(diag)-61, DTC C0048 PARKING BRAKE SYSTEM COMMUNICATION CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| C0051 | 5016 5017 5034 5036 | Valve Relay | Valve Relay | <Ref. to VDC(diag)-62, DTC C0051 VALVE RELAY, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| C0052 | 5039 5042 5043 5154 | Motor malfunction | Motor | <Ref. to VDC(diag)-64, DTC C0052 MOTOR MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| C0054 | 5133 | BLS OFF Malfunction | BLS OFF Malfunction | <Ref. to VDC(diag)-67, DTC C0054 BLS OFF MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| | 5153 | BLS ON malfunction | BLS ON malfunction | <Ref. to VDC(diag)-69, DTC C0054 BLS ON MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| C0056 | 5102 5108 | G Sensor Failure | G sensor failure | <Ref. to VDC(diag)-70, DTC C0056 G SENSOR FAILURE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| | 5103 5104 5105 5106 5107 5109 | G Sensor Signal | G sensor signal | <Ref. to VDC(diag)-71, DTC C0056 G SENSOR SIGNAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| C0057 | 5136 5139 5141 | ECM Communication Circuit | CAN communication failure of engine control module | <Ref. to VDC(diag)-73, DTC C0057 ECM COMMUNICATION CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| | 5143 | ECM Control System | Coordinate control prohibition of engine control module | <Ref. to VDC(diag)-74, DTC C0057 ECM CONTROL SYSTEM, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| | 5145 | VDC interrupted due to EGI reason | VDC interrupted due to EGI reason | <Ref. to VDC(diag)-75, DTC C0057 VDC INTERRUPTED DUE TO EGI REASON, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| C0061 | 5027 | Normal Opening Valve 1 malfunction | Secondary cut valve malfunction in VDCCM&H/U | <Ref. to VDC(diag)-46, DTC C0061 NORMAL OPENING VALVE 1 MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| C0062 | 5026 | Normal Opening Valve 2 malfunction | Primary cut valve malfunction in VDCCM&H/U | <Ref. to VDC(diag)-46, DTC C0062 NORMAL OPENING VALVE 2 MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| C0063 | 5029 | Normal Closing Valve 1 malfunction | Secondary suction valve malfunction in VDCCM&H/U | <Ref. to VDC(diag)-46, DTC C0063 NORMAL CLOSING VALVE 1 MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| C0064 | 5028 | Normal Closing Valve 2 malfunction | Primary suction valve malfunction in VDCCM&H/U | <Ref. to VDC(diag)-47, DTC C0064 NORMAL CLOSING VALVE 2 MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |

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| C0071 | 5121 5122 5123 5138 | No signal from Steering Angle Sensor | Steering angle sensor communication | <Ref. to VDC(diag)-76, DTC C0071 NO SIGNAL FROM STEERING ANGLE SENSOR, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| | 5124 5125 5126 5127 5128 5129 5132 | Steering Angle Sensor Op | Steering angle sensor output | <Ref. to VDC(diag)-78, DTC C0071 STEER ANGLE SENSOR OP, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| C0072 | 5116 5117 5118 5119 5120 5131 | Yaw Rate Sensor Output | Yaw rate sensor output | <Ref. to VDC(diag)-81, DTC C0072 ABNORMAL YAW RATE SENSOR OUTPUT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| C0073 | 5110 5114 | Voltage inputted to Lateral G Sensor exceeds specification | Lateral G sensor power supply/output | <Ref. to VDC(diag)-82, DTC C0073 LATERAL G SENSOR POWER/OUTPUT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| | 5111 5112 5113 5115 5130 | Lateral G sensor Output | Lateral G sensor output | <Ref. to VDC(diag)-83, DTC C0073 ABNORMAL LATERAL G SENSOR OUTPUT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| C0074 | 5070 5071 5072 5073 5074 5075 5076 5077 5078 5079 | Master Cylinder Pressure Sensor Output | Master cylinder pressure sensor output | <Ref. to VDC(diag)-86, DTC C0074 MASTER CYLINDER PRESSURE SENSOR OUTPUT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| C0075 | 5080 5081 5082 5083 5084 5086 5087 5088 5089 5090 5091 5092 5093 5094 5095 5097 5098 5099 5100 5101 | Wheel Cylinder Pressure Sensor Output | Wheel cylinder pressure sensor output | <Ref. to VDC(diag)-86, DTC C0075 WHEEL CYLINDER PRESSURE SENSOR OUTPUT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| C0081 | 5147 | System Failure | System malfunction | <Ref. to VDC(diag)-87, DTC C0081 SYSTEM FAILURE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |