

## List of Diagnostic Trouble Code (DTC)

VEHICLE DYNAMICS CONTROL (VDC) (DIAGNOSTICS)

### 11.List of Diagnostic Trouble Code (DTC)

#### A: LIST

DTC	Detailed code	Display	Content of diagnosis	Reference target
C0021	07B0H	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	072FH 0736H 0737H 0738H 073AH 073CH	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	06B0H	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	062FH 0636H 0637H 0638H 063AH 063CH	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	09B0H	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	092FH 0936H 0937H 0938H 093AH 093CH	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	08B0H	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	082FH 0836H 0837H 0838H 083AH 083CH	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).>
C0029	0A11H 0A21H 0A42H 0A46H 0A50H	Any One of Four ABS Sensors Signal	ABS wheel speed sensor signal malfunction in one of four wheels	<Ref. to VDC(diag)-46, DTC C0029 ANY OF WHEEL SENSORS SIGNAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
C0031	0DB8H 0DC0H	FR hold valve malfunction	Front inlet solenoid valve RH malfunction in VDCCM&H/U	<Ref. to VDC(diag)-48, DTC C0031 FR HOLD VALVE MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
C0032	0EB8H 0EC0H	FR pressure reducing valve malfunction	Front outlet solenoid valve RH malfunction in VDCCM&H/U	<Ref. to VDC(diag)-48, DTC C0032 FR PRESSURE REDUCING VALVE MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

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C0033	0BB8H 0BC0H	FL hold valve malfunction	Front inlet solenoid valve LH malfunction in VDCCM&H/U	<Ref. to VDC(diag)-48, DTC C0033 FL HOLD VALVE MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
C0034	0CB8H 0CC0H	FL pressure reducing valve malfunction	Front outlet solenoid valve LH malfunction in VDCCM&H/U	<Ref. to VDC(diag)-48, DTC C0034 FL PRESSURE REDUCING VALVE MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
C0035	11B8H 11C0H	RR hold valve malfunction	Rear inlet solenoid valve RH malfunction in VDCCM&H/U	<Ref. to VDC(diag)-48, DTC C0035 RR HOLD VALVE MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
C0036	12B8H 12C0H	RR pressure reducing valve malfunction	Rear outlet solenoid valve RH malfunction in VDCCM&H/U	<Ref. to VDC(diag)-48, DTC C0036 RR PRESSURE REDUCING VALVE MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
C0037	0FB8H 0FC0H	RL hold valve malfunction	Rear inlet solenoid valve LH malfunction in VDCCM&H/U	<Ref. to VDC(diag)-49, DTC C0037 RL HOLD VALVE MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
C0038	10B8H 10C0H	RL pressure reducing valve malfunction	Rear outlet solenoid valve LH malfunction in VDCCM&H/U	<Ref. to VDC(diag)-49, DTC C0038 RL PRESSURE REDUCING VALVE MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
C0039	0FB5H 11B5H 1AB5H	Any one of four solenoid valves	Solenoid valve malfunction in one of four wheels	<Ref. to VDC(diag)-49, DTC C0039 ANY ONE OF FOUR SOLENOID VALVES, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
C0041	—	ECM	VDC control module malfunction	<Ref. to VDC(diag)-52, DTC C0041 ECM, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
	1620H 1630H 16C0H	Parameter selection error	VDC control module parameter selection failure	<Ref. to VDC(diag)-54, DTC C0041 PARAMETER SELECTION ERROR, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
C0042	0316H 031CH 0322H 0324H	Power Supply Voltage Failure	Power voltage malfunction	<Ref. to VDC(diag)-55, DTC C0042 POWER SUPPLY VOLTAGE FAILURE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
C0044	2921H	TCM communication circuit	CAN communication failure of transmission control module	<Ref. to VDC(diag)-57, DTC C0044 TCM COMMUNICATION CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
C0045	2922H 2932H	Incorrect VDC Control Module specifications	Different VDC control module specification	<Ref. to VDC(diag)-58, DTC C0045 INCORRECT VDC CONTROL MODULE SPECIFICATIONS, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
	2923H	TCM malfunction	AT control module malfunction	<Ref. to VDC(diag)-59, DTC C0045 TCM MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

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C0047	150EH 1512H 1513H 1514H 1518H 1519H 151AH 151BH 151DH 151EH 151FH 1520H 1531H 1540H 15C0H	Improper CAN Commu- nication	Improper CAN commu- nication	<Ref. to VDC(diag)-60, DTC C0047 CAN COM- MUNICATION, Diagnostic Procedure with Diag- nostic Trouble Code (DTC).>
C0051	021FH 0220H 0221H 0280H 0281H 02B0H 02B1H 02C0H	Valve Relay	Valve Relay	<Ref. to VDC(diag)-62, DTC C0051 VALVE RELAY, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
C0052	0580H	Motor and Motor Relay	Motor/motor relay OFF malfunction	<Ref. to VDC(diag)-64, DTC C0052 MOTOR AND MOTOR RELAY OFF FAILURE, Diagnostic Proce- dure with Diagnostic Trouble Code (DTC).>
	05A0H	Motor and motor relay ON failure	Motor/motor relay ON malfunction	<Ref. to VDC(diag)-66, DTC C0052 MOTOR AND MOTOR RELAY ON FAILURE, Diagnostic Proce- dure with Diagnostic Trouble Code (DTC).>
	0560H	Motor malfunction	Motor	<Ref. to VDC(diag)-67, DTC C0052 MOTOR MALFUNCTION, Diagnostic Procedure with Diag- nostic Trouble Code (DTC).>
C0054	04B0H	Brake Light Switch	BLS open circuit	<Ref. to VDC(diag)-68, DTC C0054 BLS CIR- CUIT OPEN, Diagnostic Procedure with Diagnos- tic Trouble Code (DTC).>
	043CH	BLS ON Malfunction	BLS ON malfunction	<Ref. to VDC(diag)-70, DTC C0054 BLS ON MALFUNCTION, Diagnostic Procedure with Diag- nostic Trouble Code (DTC).>
	04C1H	BLS OFF Malfunction	BLS OFF malfunction	<Ref. to VDC(diag)-72, DTC C0054 BLS OFF MALFUNCTION, Diagnostic Procedure with Diag- nostic Trouble Code (DTC).>
C0057	2931H	ECM communication circuit	CAN communication failure of engine control module	<Ref. to VDC(diag)-73, DTC C0057 ECM COM- MUNICATION CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
	2933H	ECM control system	Coordinate control pro- hibition of engine con- trol module	<Ref. to VDC(diag)-74, DTC C0057 ECM CON- TROL SYSTEM, Diagnostic Procedure with Diag- nostic Trouble Code (DTC).>
C0061	19B8H 19C0H	VDC switching valve 1 (S)	Secondary cut valve malfunction in VDCCM&H/U	<Ref. to VDC(diag)-49, DTC C0061 NORMAL OPENING VALVE 1 MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
C0062	1AB8H 1AC0H	VDC switching valve 1 (P)	Primary cut valve mal- function in VDCCM&H/U	<Ref. to VDC(diag)-49, DTC C0062 NORMAL OPENING VALVE 2 MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
C0063	1BB8H 1BC0H	VDC switching valve 2 (S)	Secondary suction valve malfunction in VDCCM&H/U	<Ref. to VDC(diag)-49, DTC C0063 NORMAL CLOSING VALVE 1 MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

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C0064	1CB8H 1CC0H	VDC switching valve 2 (P)	Primary suction valve malfunction in VDCCM&H/U	<Ref. to VDC(diag)-50, DTC C0064 NORMAL CLOSING VALVE 2 MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
C0071	2130H	Steering angle sensor offset is too big	Excessive steering angle sensor output offset	<Ref. to VDC(diag)-75, DTC C0071 STEERING ANGLE SENSOR OFFSET IS TOO BIG, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
	2134H	Change range of steering angle sensor is too big	Excessive variation amount of steering angle sensor output	<Ref. to VDC(diag)-77, DTC C0071 CHANGE RANGE OF STEERING ANGLE SENSOR IS TOO BIG, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
	212EH 2132H 2136H 2138H 213CH 2150H 2151H 2152H 2153H 2154H 2155H 2156H 2157H 2158H 2159H 215AH	Steering angle sensor malfunction	Steering angle sensor output	<Ref. to VDC(diag)-79, DTC C0071 STEERING ANGLE SENSOR MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
	2104H	Steering angle sensor power supply malfunction	Steering angle sensor power supply malfunction	<Ref. to VDC(diag)-81, DTC C0071 STEERING ANGLE SENSOR MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
	1E03H 1E1AH 1E1EH 1E22H 1E26H 1E28H 1E2CH 1E34H 1E38H 1E3AH 1E3CH 1E3FH 1EACH	Abnormal yaw rate sensor output	Yaw rate sensor output	<Ref. to VDC(diag)-83, DTC C0072 ABNORMAL YAW RATE SENSOR OUTPUT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
C0072	1E04H 1E05H 1E07H	Yaw rate sensor power/output	Yaw rate sensor power supply/output	<Ref. to VDC(diag)-85, DTC C0072 VOLTAGE INPUTTED TO YAW RATE SENSOR EXCEEDS SPECIFICATION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
	1EAAH	Abnormal yaw rate sensor reference voltage	Yaw rate sensor reference	<Ref. to VDC(diag)-87, DTC C0072 ABNORMAL YAW RATE SENSOR REFERENCE VOLTAGE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
	1E30H	Change range of yaw rate sensor signal is too big	Excessive variation amount of yaw rate sensor output	<Ref. to VDC(diag)-89, DTC C0072 CHANGE RANGE OF YAW RATE SENSOR SIGNAL IS TOO BIG, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
	1E06H 1EABH 1EAEH	Yaw rate sensor communication	Yaw rate sensor communication	<Ref. to VDC(diag)-91, DTC C0072 YAW RATE SENSOR COMMUNICATION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

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C0073	1D46H 1D47H	Lateral G sensor offset is too big	Excessive amount of lateral G sensor output offset	<Ref. to VDC(diag)-92, DTC C0073 LATERAL G SENSOR OFFSET IS TOO BIG, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
	1D44H 1D45H 1DA0H 1DA2H	Abnormal lateral G sensor output	Lateral G sensor output	<Ref. to VDC(diag)-92, DTC C0073 ABNORMAL LATERAL G SENSOR OUTPUT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
	1D49H	Excessive lateral G sensor signal	Excessive lateral G sensor output	<Ref. to VDC(diag)-93, DTC C0073 EXCESSIVE LATERAL G SENSOR SIGNAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
	1DA4H	Lateral G sensor communication	Lateral G sensor communication	<Ref. to VDC(diag)-90, DTC C0073 LATERAL G SENSOR COMMUNICATION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
C0074	1F4EH 1F90H 1FA1H 1FB0H 1FB1H 1FC0H	Pressure sensor	Pressure sensor	<Ref. to VDC(diag)-95, DTC C0074 PRESSURE SENSOR, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
C0081	2201H 2202H	System malfunction	System malfunction	<Ref. to VDC(diag)-96, DTC C0081 SYSTEM FAILURE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>