11.List of Diagnostic Trouble Code (DTC)

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DTC	Detailed code	Display	Content of diagnosis	Reference target
C0021	698XH	FR sensor power supply failure	Front ABS wheel speed sensor RH power supply malfunction	<Ref. to VDC(diag)-42, DTC C0021 FRONT ABS WHEEL SPEED SENSOR RH POWER SUPPLY MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
	6A0XH	Front Right ABS Sensor Circuit Open or Shorted Battery	Open/high input of front ABS wheel speed sensor RH	<Ref. to VDC(diag)-44, DTC C0021 OPEN/HIGH INPUT OF FRONT ABS WHEEL SPEED SENSOR RH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
C0022	68CXH 68EXH 690XH 694XH 696XH	Front Right ABS Sensor Signal	Front ABS wheel speed sensor RH signal malfunction	<Ref. to VDC(diag)-47, DTC C0022 FRONT ABS WHEEL SPEED SENSOR RH SIGNAL MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
C0023	618XH	FL sensor power supply failure	Ront ABS wheel speed sensor LH power supply malfunction	<Ref. to VDC(diag)-42, DTC C0023 FRONT ABS WHEEL SPEED SENSOR LH POWER SUPPLY MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
	620XH	Front Left ABS Sensor Circuit Open or Shorted Battery	Open/high input of front ABS wheel speed sensor LH	<Ref. to VDC(diag)-44, DTC C0023 OPEN/HIGH INPUT OF FRONT ABS WHEEL SPEED SENSOR LH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
C0024	60CXH 60EXH 610XH 614XH 616XH	Front Left ABS Sensor Signal	Front ABS wheel speed sensor LH signal malfunction	<Ref. to VDC(diag)-47, DTC C0024 FRONT ABS WHEEL SPEED SENSOR LH SIGNAL MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
C0025	658XH	RR sensor power supply failure	Rear ABS wheel speed sensor RH power supply malfunction	<Ref. to VDC(diag)-42, DTC C0025 REAR ABS WHEEL SPEED SENSOR RH POWER SUPPLY MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
	660XH	Rear Right ABS Sensor Circuit Open or Shorted Battery	Open/high input of rear ABS wheel speed sensor RH	<Ref. to VDC(diag)-44, DTC C0025 OPEN/HIGH INPUT OF REAR ABS WHEEL SPEED SENSOR RH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
C0026	64CXH 64EXH 650XH 654XH 656XH	Rear Right ABS Sensor Signal	Rear ABS wheel speed sensor RH signal malfunction	<Ref. to VDC(diag)-47, DTC C0026 REAR ABS WHEEL SPEED SENSOR RH SIGNAL MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
C0027	6D8XH	RL sensor power supply failure	Rear ABS wheel speed sensor LH power supply Malfunction	<Ref. to VDC(diag)-43, DTC C0027 REAR ABS WHEEL SPEED SENSOR LH POWER SUPPLY MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
	6E0XH	Rear Left ABS Sensor Circuit Open or Shorted Battery	Open/high input of rear ABS wheel speed sensor LH	<Ref. to VDC(diag)-45, DTC C0027 OPEN/HIGH INPUT OF REAR ABS WHEEL SPEED SENSOR LH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
C0028	6CCXH 6CEXH 6D0XH 6D4XH 6D6XH	Rear Left ABS Sensor Signal	Rear ABS wheel speed sensor LH signal malfunction	<Ref. to VDC(diag)-48, DTC C0028 REAR ABS WHEEL SPEED SENSOR LH SIGNAL MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

List of Diagnostic Trouble Code (DTC)

DTC	Detailed code	Display	Content of diagnosis	Reference target
C0029	608XH 648XH 688XH 6C8XH 704XH 606XH 646XH 686XH 6C6XH 702XH 604XH 644XH 684XH 6C4XH 70CXH 720XH 710XH	Any One of Four ABS Sensors Signal	ABS wheel speed sensor signal malfunction in one of four wheels	<Ref. to VDC(diag)-51, DTC C0029 ABS WHEEL SPEED SENSOR SIGNAL MALFUNCTION IN ONE OF FOUR WHEELS, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
C0031	320XH	FR hold valve malfunction	Front inlet solenoid valve RH malfunction in VDCCM&H/U	<Ref. to VDC(diag)-53, DTC C0031 FRONT INLET SOLENOID VALVE RH MALFUNCTION IN VDCCM&H/U, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
C0032	360XH	FR pressure reducing valve malfunction	Front outlet solenoid valve RH malfunction in VDCCM&H/U	<Ref. to VDC(diag)-53, DTC C0032 FRONT OUTLET SOLENOID VALVE RH MALFUNCTION IN VDCCM&H/U, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
C0033	220XH	FL hold valve malfunction	Front inlet solenoid valve LH malfunction in VDCCM&H/U	<Ref. to VDC(diag)-53, DTC C0033 FRONT INLET SOLENOID VALVE LH MALFUNCTION IN VDCCM&H/U, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
C0034	260XH	FL pressure reducing valve malfunction	Front outlet solenoid valve LH malfunction in VDCCM&H/U	<Ref. to VDC(diag)-53, DTC C0034 FRONT OUTLET SOLENOID VALVE LH MALFUNCTION IN VDCCM&H/U, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
C0035	2A0XH	RR hold valve malfunction	Rear inlet solenoid valve RH malfunction in VDCCM&H/U	<Ref. to VDC(diag)-53, DTC C0035 REAR INLET SOLENOID VALVE RH MALFUNCTION IN VDCCM&H/U, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
C0036	2E0XH	RR pressure reducing valve malfunction	Rear outlet solenoid valve RH malfunction in VDCCM&H/U	<Ref. to VDC(diag)-54, DTC C0036 REAR OUTLET SOLENOID VALVE RH MALFUNCTION IN VDCCM&H/U, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
C0037	3A0XH	RL hold valve malfunction	Rear inlet solenoid valve LH malfunction in VDCCM&H/U	<Ref. to VDC(diag)-54, DTC C0037 REAR INLET SOLENOID VALVE LH MALFUNCTION IN VDCCM&H/U, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
C0038	3E0XH	RL pressure reducing valve malfunction	Rear outlet solenoid valve LH malfunction in VDCCM&H/U	<Ref. to VDC(diag)-54, DTC C0038 REAR OUTLET SOLENOID VALVE LH MALFUNCTION IN VDCCM&H/U, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
C0061	4A0XH	VDC switching valve 1 (S)	Secondary cut valve malfunction in VDCCM&H/U	<Ref. to VDC(diag)-54, DTC C0061 SECONDARY CUT VALVE MALFUNCTION IN VDCCM&H/U, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
C0062	4E0XH	VDC switching valve 1 (P)	Primary cut valve malfunction in VDCCM&H/U	<Ref. to VDC(diag)-54, DTC C0062 PRIMARY CUT VALVE MALFUNCTION IN VDCCM&H/U, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
C0063	520XH	VDC switching valve 2 (S)	Secondary suction valve malfunction in VDCCM&H/U	<Ref. to VDC(diag)-54, DTC C0063 SECONDARY SUCTION VALVE MALFUNCTION IN VDCCM&H/U, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

List of Diagnostic Trouble Code (DTC)

VEHICLE DYNAMICS CONTROL (VDC) (DIAGNOSTICS)

DTC	Detailed code	Display	Content of diagnosis	Reference target
C0064	560XH	VDC switching valve 2 (P)	Primary suction valve malfunction in VDCCM&H/U	<Ref. to VDC(diag)-55, DTC C0064 PRIMARY SUCTION VALVE MALFUNCTION IN VDCCM&H/U, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
C0041	000XH 002XH 004XH 006XH 010XH 012XH 014XH 016XH 018XH 01AXH 01EXH 024XH 026XH 028XH 02AXH 02CXH 02EXH 030XH 03AXH 03CXH 03DXH 03EXH 034XH 036XH 038XH	ECM	VDC control module malfunction	<Ref. to VDC(diag)-57, DTC C0041 VDC CONTROL MODULE MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
C0042	7CEXH 7D0XH	Power Supply Voltage Failure	Power voltage malfunction	<Ref. to VDC(diag)-59, DTC C0042 POWER VOLTAGE MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
	7CCXH	Speed sen. power supply failure	ABS wheel speed sensor power malfunction	<Ref. to VDC(diag)-60, DTC C0042 ABS WHEEL SPEED SENSOR POWER MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
C0044	9A0XH	TCM communication circuit	CAN communication malfunction of transmission control module	<Ref. to VDC(diag)-61, DTC C0044 AT COMMUNICATION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
C0045	970XH 822XH	Incorrect VDC Control Module specifications	Different VDC control module specification	<Ref. to VDC(diag)-62, DTC C0045 DIFFERENT VDC CONTROL MODULE SPECIFICATION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
	972XH	TCM malfunction	AT control module malfunction	<Ref. to VDC(diag)-63, DTC C0045 AT CONTROL MODULE MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
C0047	788XH 78CXH 7A0XH 7A4XH	Improper CAN communication	Improper CAN communication	<Ref. to VDC(diag)-64, DTC C0047 IMPROPER CAN COMMUNICATION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

List of Diagnostic Trouble Code (DTC)

DTC	Detailed code	Display	Content of diagnosis	Reference target
C0051	048XH	Valve relay OFF malfunction	Valve relay OFF malfunction	\<Ref. to VDC(diag)-66, DTC C0051 VALVE RELAY OFF MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).\>
	04AXH 04CXH	Valve Relay	Valve relay malfunction	\<Ref. to VDC(diag)-68, DTC C0051 VALVE RELAY MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).\>
	06AXH	Valve relay test failure	Valve relay test malfunction	\<Ref. to VDC(diag)-70, DTC C0051 VALVE RELAY TEST MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).\>
	00DXH	Valve relay ON failure	Valve relay ON malfunction	\<Ref. to VDC(diag)-72, DTC C0051 VALVE RELAY ON MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).\>
C0052	58AXH	Motor and Motor Relay	Motor/motor relay malfunction	\<Ref. to VDC(diag)-74, DTC C0052 MOTOR/MOTOR RELAY MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).\>
	5A0XH	Motor and motor relay OFF failure	Motor/motor relay OFF malfunction	\<Ref. to VDC(diag)-76, DTC C0052 MOTOR/MOTOR RELAY OFF MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).\>
	58EXH	Motor and motor relay ON failure	Motor/motor relay ON malfunction	\<Ref. to VDC(diag)-77, DTC C0052 MOTOR/MOTOR RELAY ON MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).\>
	58CXH	Motor malfunction	Motor	\<Ref. to VDC(diag)-78, DTC C0052 MOTOR, Diagnostic Procedure with Diagnostic Trouble Code (DTC).\>
C0054	0A0XH	Brake Light Switch	BLS open circuit	\<Ref. to VDC(diag)-79, DTC C0054 BLS OPEN CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).\>
	08CXH	BLS ON malfunction	BLS ON malfunction	\<Ref. to VDC(diag)-81, DTC C0054 BLS ON MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).\>
C0057	820XH	ECM communication circuit	CAN communication malfunction of engine control module	\<Ref. to VDC(diag)-82, DTC C0057 ECM COMMUNICATION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).\>

List of Diagnostic Trouble Code (DTC)

VEHICLE DYNAMICS CONTROL (VDC) (DIAGNOSTICS)

DTC	Detailed code	Display	Content of diagnosis	Reference target
C0071	148XH	Steering angle sensor offset is too big	Excessive steering angle sensor output offset	<Ref. to VDC(diag)-83, DTC C0071 EXCESSIVE STEERING ANGLE SENSOR OUTPUT OFFSET, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
	14AXH	Change range of steering angle sensor is too big	Excessive variation amount of steering angle sensor output	<Ref. to VDC(diag)-85, DTC C0071 EXCESSIVE VARIATION AMOUNT OF STEERING ANGLE SENSOR OUTPUT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
	142XH 144XH 146XH 14EXH 158XH 15AXH 15CXH 15EXH 14CXH 164XH 166XH 16AXH 16CXH 16EXH 170XH	Steering angle sensor malfunction	Steering angle sensor output	<Ref. to VDC(diag)-87, DTC C0071 STEERING ANGLE SENSOR OUTPUT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
	160XH	No signal from steering angle sensor	Steering angle sensor communication	<Ref. to VDC(diag)-89, DTC C0071 STEERING ANGLE SENSOR COMMUNICATION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
	764XH	Steering angle sensor power supply malfunction	Steering angle sensor power supply malfunction	<Ref. to VDC(diag)-91, DTC C0071 STEERING ANGLE SENSOR POWER SUPPLY MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
C0072	184XH 188XH 18EXH	Abnormal yaw rate sensor output	Yaw rate sensor output	<Ref. to VDC(diag)-93, DTC C0072 YAW RATE SENSOR OUTPUT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
	180XH 182XH 186XH 190XH 194XH 196XH 198XH 19AXH	Abnormal yaw rate sensor output	Yaw rate sensor output	<Ref. to VDC(diag)-93, DTC C0072 YAW RATE SENSOR OUTPUT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
	192XH	Abnormal yaw rate sensor output	Yaw rate sensor output	<Ref. to VDC(diag)-93, DTC C0072 YAW RATE SENSOR OUTPUT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
	1A0XH 18BXH	Voltage inputted to yaw rate sensor exceeds specification	Yaw rate sensor power supply/output	<Ref. to VDC(diag)-95, DTC C0072 YAW RATE SENSOR POWER/OUTPUT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
	19CXH	Abnormal yaw rate sensor reference voltage	Yaw rate sensor reference	<Ref. to VDC(diag)-97, DTC C0072 YAW RATE SENSOR REFERENCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
	18CXH	Change range of yaw rate sensor signal is too big	Excessive variation amount of yaw rate sensor output	<Ref. to VDC(diag)-99, DTC C0072 EXCESSIVE VARIATION AMOUNT OF YAW RATE SENSOR OUTPUT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

List of Diagnostic Trouble Code (DTC)

DTC	Detailed code	Display	Content of diagnosis	Reference target
C0073	1C8XH 1CAXH	Lateral G sensor off-set is too big	Excessive amount of lateral G sensor output offset	<Ref. to VDC(diag)-101, DTC C0073 EXCESSIVE AMOUNT OF LATERAL G SENSOR OUTPUT OFFSET, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
	1C0XH 1C6XH 1D8XH	Abnormal lateral G sensor output	Lateral G sensor output	<Ref. to VDC(diag)-101, DTC C0073 LATERAL G SEN-SOR OUTPUT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
	1CCXH	Change range of lat-eral G sensor is too big	Excessive variation amount of lateral G sensor output	<Ref. to VDC(diag)-101, DTC C0073 EXCESSIVE VARIA-TION AMOUNT OF LATERAL G SENSOR OUTPUT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
	1D2XH	Excessive lateral G sensor signal	Excessive lateral G sensor output	<Ref. to VDC(diag)-102, DTC C0073 EXCESSIVE LAT-ERAL G SENSOR OUTPUT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
	1E0XH	Voltage inputted to lateral G sensor exceeds specification	Lateral G sensor power/output	<Ref. to VDC(diag)-104, DTC C0073 LATERAL G SEN-SOR POWER/OUTPUT, Diagnostic Procedure with Diag-nostic Trouble Code (DTC).>
C0074	118XH	Pressure sensor test failure	Pressure sensor test malfunction	<Ref. to VDC(diag)-107, DTC C0074 PRESSURE SEN-SOR TEST MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
	110XH	Pressure sensor off-set is too big	Excessive pressure sensor output offset	<Ref. to VDC(diag)-109, DTC C0074 EXCESSIVE PRES-SURE SENSOR OUTPUT OFFSET, Diagnostic Proce-dure with Diagnostic Trouble Code (DTC).>
	120XH 113XH	Pressure sensor power/output	Pressure sensor power/output	<Ref. to VDC(diag)-110, DTC C0074 PRESSURE SEN-SOR POWER/OUTPUT, Diagnostic Procedure with Diag-nostic Trouble Code (DTC).>
	102XH 108XH	Pressure sensor out-put	Pressure sensor out-put	<Ref. to VDC(diag)-111, DTC C0074 PRESSURE SEN-SOR OUTPUT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
	124XH	Pressure sensor power supply mal-function	Pressure sensor power supply malfunc-tion	<Ref. to VDC(diag)-113, DTC C0074 PRESSURE SEN-SOR POWER MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
C0081	746XH	System malfunction	System malfunction	<Ref. to VDC(diag)-114, DTC C0081 SYSTEM MAL-FUNCTION, Diagnostic Procedure with Diagnostic Trou-ble Code (DTC).>