VEHICLE DYNAMICS CONTROL (VDC) (DIAGNOSTICS)

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

# A: LIST

• Models without EyeSight

DTC	Item	Content of diagnosis	Reference
C1211	FR Wheel Speed Sensor System Wire Break/ Excessive Input	Open/high input of front ABS wheel speed sensor RH	<ref. c1211="" dtc="" fr="" to="" vdc(diag)-48,="" whee<br="">SPEED SENSOR SYSTEM WIRE BREAK/ EXCESSIVE INPUT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C1212	FR Wheel Speed Sensor System	Front ABS wheel speed sensor RH signal malfunction	<ref. c1212="" dtc="" fr="" to="" vdc(diag)-52,="" whee<br="">SPEED SENSOR SYSTEM, Diagnostic Proce dure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C1221	FL Wheel Speed Sensor System Wire Break/ Excessive Input	Open/high input of front ABS wheel speed sensor LH	<ref. c1221="" dtc="" fl="" to="" vdc(diag)-48,="" whee<br="">SPEED SENSOR SYSTEM WIRE BREAK/ EXCESSIVE INPUT, Diagnostic Procedure wit Diagnostic Trouble Code (DTC).&gt;</ref.>
C1222	FL Wheel Speed Sensor System	Front ABS wheel speed sensor LH signal malfunction	<ref. c1222="" dtc="" fl="" to="" vdc(diag)-52,="" whee<br="">SPEED SENSOR SYSTEM, Diagnostic Proce dure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C1231	RR Wheel Speed Sensor System Wire Break/ Excessive Input	Open/high input of rear ABS wheel speed sensor RH	<ref. c1231="" dtc="" rr="" to="" vdc(diag)-48,="" whee<br="">SPEED SENSOR SYSTEM WIRE BREAK/ EXCESSIVE INPUT, Diagnostic Procedure wit Diagnostic Trouble Code (DTC).&gt;</ref.>
C1232	RR Wheel Speed Sensor System	Rear ABS wheel speed sensor RH signal malfunction	<ref. c1232="" dtc="" rr="" to="" vdc(diag)-52,="" whee<br="">SPEED SENSOR SYSTEM, Diagnostic Proce dure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C1241	RL Wheel Speed Sen- sor System Wire Break/ Excessive Input	Open/high input of rear ABS wheel speed sensor LH	<ref. c1241="" dtc="" rl="" to="" vdc(diag)-49,="" whee<br="">SPEED SENSOR SYSTEM WIRE BREAK/ EXCESSIVE INPUT, Diagnostic Procedure wi Diagnostic Trouble Code (DTC).&gt;</ref.>
C1242	RL Wheel Speed Sen- sor System	Rear ABS wheel speed sensor LH signal malfunction	<ref. c1242="" dtc="" rl="" to="" vdc(diag)-53,="" whee<br="">SPEED SENSOR SYSTEM, Diagnostic Proce dure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C1251	Wheel Speed Sensor System	Wheel speed sensor malfunction	<ref. c1251="" dtc="" to="" vdc(diag)-55,="" wheel<br="">SPEED SENSOR SYSTEM, Diagnostic Proce dure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C1252	Wheel Speed Sensor Signal of One of The Wheels	ABS wheel speed sensor signal malfunction in one of four wheels	<ref. c1252="" dtc="" to="" vdc(diag)-56,="" wheel<br="">SPEED SENSOR SIGNAL OF ONE OF THE WHEELS, Diagnostic Procedure with Diagnos tic Trouble Code (DTC).&gt;</ref.>
C1311	FR Inlet Solenoid Valve System	Front inlet solenoid valve RH mal- function in VDCCM&H/U	<ref. c1311="" dtc="" fr="" inlet<br="" to="" vdc(diag)-57,="">SOLENOID VALVE SYSTEM, Diagnostic Pro- cedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C1312	FR Outlet Solenoid Valve System	Front outlet solenoid valve RH malfunction in VDCCM&H/U	<ref. c1312="" dtc="" fr="" out-<br="" to="" vdc(diag)-57,="">LET SOLENOID VALVE SYSTEM, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C1321	FL Inlet Solenoid Valve System	Front inlet solenoid valve LH mal- function in VDCCM&H/U	<ref. c1321="" dtc="" fl="" inlet<br="" to="" vdc(diag)-57,="">SOLENOID VALVE SYSTEM, Diagnostic Pro- cedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C1322	FL Outlet Solenoid Valve System	Front outlet solenoid valve LH malfunction in VDCCM&H/U	<ref. c1322="" dtc="" fl="" out-<br="" to="" vdc(diag)-57,="">LET SOLENOID VALVE SYSTEM, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C1331	RR Inlet Solenoid Valve System	Rear inlet solenoid valve RH mal- function in VDCCM&H/U	<ref. c1331="" dtc="" inle<br="" rr="" to="" vdc(diag)-58,="">SOLENOID VALVE SYSTEM, Diagnostic Pro- cedure with Diagnostic Trouble Code (DTC).&gt;</ref.>

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DTC	Item	Content of diagnosis	Reference
C1332	RR Outlet Solenoid Valve System	Rear outlet solenoid valve RH malfunction in VDCCM&H/U	<ref. c1332="" dtc="" out-<br="" rr="" to="" vdc(diag)-58,="">LET SOLENOID VALVE SYSTEM, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C1341	RL Inlet Solenoid Valve System	Rear inlet solenoid valve LH mal- function in VDCCM&H/U	<ref. c1341="" dtc="" inlet<br="" rl="" to="" vdc(diag)-58,="">SOLENOID VALVE SYSTEM, Diagnostic Pro- cedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C1342	RL Outlet Solenoid Valve System	Rear outlet solenoid valve LH malfunction in VDCCM&H/U	<ref. c1342="" dtc="" out-<br="" rl="" to="" vdc(diag)-58,="">LET SOLENOID VALVE SYSTEM, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C1351	Normal Opening Valve 1 Malfunction	Secondary cut valve malfunction in VDCCM&H/U	<ref. c1351="" dtc="" normal<br="" to="" vdc(diag)-58,="">OPENING VALVE 1 MALFUNCTION, Diagnos- tic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C1352	Normal Opening Valve 2 Malfunction	Primary cut valve malfunction in VDCCM&H/U	<ref. c1352="" dtc="" normal<br="" to="" vdc(diag)-58,="">OPENING VALVE 2 MALFUNCTION, Diagnos- tic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C1361	Normal Closing Valve 1 Malfunction	Secondary suction valve malfunc- tion in VDCCM&H/U	<ref. c1361="" dtc="" normal<br="" to="" vdc(diag)-58,="">CLOSING VALVE 1 MALFUNCTION, Diagnos- tic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C1362	Normal Closing Valve 2 Malfunction	Primary suction valve malfunction in VDCCM&H/U	<ref. c1362="" dtc="" normal<br="" to="" vdc(diag)-59,="">CLOSING VALVE 2 MALFUNCTION, Diagnos- tic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C1411	ECU	VDC control module malfunction	<ref. c1411="" diag-<br="" dtc="" ecu,="" to="" vdc(diag)-61,="">nostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C1412	Parameter Selection Error	VDC control module parameter failure	<ref. c1412="" dtc="" parame-<br="" to="" vdc(diag)-63,="">TER SELECTION ERROR, Diagnostic Proce- dure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C1413	Power Supply Voltage Failure	Power voltage malfunction	<ref. c1413="" dtc="" power<br="" to="" vdc(diag)-64,="">SUPPLY VOLTAGE FAILURE, Diagnostic Pro- cedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C1421	ECM Control System	Prohibition of coordinate control for engine control module	<ref. c1421="" con-<br="" dtc="" ecm="" to="" vdc(diag)-66,="">TROL SYSTEM, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C1422	VDC Interruption for Engine Convenience	VDC interrupted due to some reasons of the engine	<ref. c1422="" dtc="" to="" vdc(diag)-67,="" vdc<br="">INTERRUPTION FOR ENGINE CONVE- NIENCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C1423	Different ECU Specifica- tions	Different VDC control module specification	<ref. c1423="" differ-<br="" dtc="" to="" vdc(diag)-68,="">ENT ECU SPECIFICATIONS, Diagnostic Pro- cedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C1424	ECM Failure	Engine control module is faulty	<ref. c1424="" dtc="" ecm="" fail-<br="" to="" vdc(diag)-70,="">URE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C1431	AT Abnormal	Transmission control module is faulty	<ref. abnor-<br="" at="" c1431="" dtc="" to="" vdc(diag)-71,="">MAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C1432	Different ECU Specifica- tions	Different VDC control module specification	<ref. c1432="" differ-<br="" dtc="" to="" vdc(diag)-71,="">ENT ECU SPECIFICATIONS, Diagnostic Pro- cedure with Diagnostic Trouble Code (DTC).&gt;</ref.>

#### VEHICLE DYNAMICS CONTROL (VDC) (DIAGNOSTICS)

DTC	Item	Content of diagnosis	Reference
C1451	HPCM Control System	Prohibition of coordinate control for hybrid powertrain control mod- ule	<ref. c1451="" dtc="" hpcm<br="" to="" vdc(diag)-72,="">CONTROL SYSTEM, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C1452	HPCM Interrupted Due to EGI Reason	VDC interrupted due to some reasons of the hybrid powertrain control module	<ref. c1452="" dtc="" hpcm<br="" to="" vdc(diag)-72,="">INTERRUPTED DUE TO EGI REASON, Diag- nostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C1511	Valve Relay	Defective valve relay	<ref. c1511="" dtc="" to="" valve<br="" vdc(diag)-73,="">RELAY, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C1512	Valve System	Defective valve system	<ref. c1512="" dtc="" to="" valve<br="" vdc(diag)-74,="">SYSTEM, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C1521	Motor Relay	Motor relay malfunction	<ref. c1521="" dtc="" motor<br="" to="" vdc(diag)-75,="">RELAY, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C1531	BLS Off Fault	Stop light switch malfunction	<ref. bls="" c1531="" dtc="" off<br="" to="" vdc(diag)-77,="">FAULT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C1532	BLS On Fault	Stop light switch malfunction	<ref. bls="" c1532="" dtc="" on<br="" to="" vdc(diag)-80,="">FAULT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C1541	Clutch Switch Off Mal- function	Clutch signal malfunction	<ref. c1541="" clutch<br="" dtc="" to="" vdc(diag)-82,="">SWITCH OFF MALFUNCTION, Diagnostic Pro- cedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C1542	Clutch Switch On Mal- function	Clutch signal malfunction	<ref. c1542="" clutch<br="" dtc="" to="" vdc(diag)-83,="">SWITCH ON MALFUNCTION, Diagnostic Pro- cedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C1561	Reverse Off Fault	Reverse signal malfunction	<ref. c1561="" dtc="" reverse<br="" to="" vdc(diag)-84,="">OFF FAULT, Diagnostic Procedure with Diag- nostic Trouble Code (DTC).&gt;</ref.>
C1562	Reverse On Fault	Reverse signal malfunction	<ref. c1562="" dtc="" reverse<br="" to="" vdc(diag)-85,="">ON FAULT, Diagnostic Procedure with Diagnos- tic Trouble Code (DTC).&gt;</ref.>
C1711	Steering Angle Sensor Abnormal	Steering angle sensor malfunc- tion	<ref. c1711="" dtc="" steering<br="" to="" vdc(diag)-87,="">ANGLE SENSOR ABNORMAL, Diagnostic Pro- cedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C1721	Yaw Rate Sensor Abnor- mal	Defective yaw rate sensor	<ref. c1721="" dtc="" rate<br="" to="" vdc(diag)-90,="" yaw="">SENSOR ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C1731	G Sensor Abnormal	Defective G sensor	<ref. c1731="" dtc="" g="" sensor<br="" to="" vdc(diag)-91,="">ABNORMAL, Diagnostic Procedure with Diag- nostic Trouble Code (DTC).&gt;</ref.>
C1732	Lateral G Sensor Abnor- mal	Defective lateral G sensor	<ref. c1732="" dtc="" lateral<br="" to="" vdc(diag)-92,="">G SENSOR ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C1733	Longitudinal G Sensor Abnormal	Defective longitudinal G sensor	<ref. c1733="" dtc="" longitu-<br="" to="" vdc(diag)-93,="">DINAL G SENSOR ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C1741	Pressure Sensor	Defective pressure sensor	<ref. c1741="" dtc="" pres-<br="" to="" vdc(diag)-94,="">SURE SENSOR, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C1811	System Failure	System malfunction	<ref. c1811="" dtc="" system<br="" to="" vdc(diag)-95,="">FAILURE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>

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DTC	Item	Content of diagnosis	Reference
U0073	Control Module Commu- nication Bus Off	Defective CAN communication	<ref. control<br="" dtc="" to="" u0073="" vdc(diag)-97,="">MODULE COMMUNICATION BUS OFF, Diag- nostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
U0100	Lost Communication With ECM/PCM "A"	Defective CAN communication	<ref. dtc="" lost<br="" to="" u0100="" vdc(diag)-97,="">COMMUNICATION WITH ECM/PCM "A", Diag- nostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
U0101	Lost Communication With TCM	Defective CAN communication	<ref. dtc="" lost<br="" to="" u0101="" vdc(diag)-97,="">COMMUNICATION WITH TCM, Diagnostic Pro- cedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
U0126	Lost Communication With Steering Angle Sensor Module	Defective CAN communication	<ref. dtc="" lost<br="" to="" u0126="" vdc(diag)-97,="">COMMUNICATION WITH STEERING ANGLE SENSOR MODULE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
U0140	Lost Communication With Body Control Mod- ule	Defective CAN communication	<ref. dtc="" lost<br="" to="" u0140="" vdc(diag)-97,="">COMMUNICATION WITH BODY CONTROL MODULE, Diagnostic Procedure with Diagnos- tic Trouble Code (DTC).&gt;</ref.>
U0293	Lost Communication With Hybrid Powertrain Control Module	Defective CAN communication	<ref. dtc="" lost<br="" to="" u0293="" vdc(diag)-97,="">COMMUNICATION WITH HYBRID POWER- TRAIN CONTROL MODULE, Diagnostic Proce- dure with Diagnostic Trouble Code (DTC).&gt;</ref.>
U0401	Invalid Data Received From ECM/PCM "A"	Defective CAN communication	<ref. dtc="" invalid<br="" to="" u0401="" vdc(diag)-97,="">DATA RECEIVED FROM ECM/PCM "A", Diag- nostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
U0402	Invalid Data Received From TCM	Defective CAN communication	<ref. dtc="" invalid<br="" to="" u0402="" vdc(diag)-97,="">DATA RECEIVED FROM TCM, Diagnostic Pro- cedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
U0422	Invalid Data Received From Body Control Mod- ule	Defective CAN communication	<ref. dtc="" invalid<br="" to="" u0422="" vdc(diag)-97,="">DATA RECEIVED FROM BODY CONTROL MODULE, Diagnostic Procedure with Diagnos- tic Trouble Code (DTC).&gt;</ref.>
U0428	Invalid Data Received From Steering Angle Sensor Module	Defective CAN communication	<ref. dtc="" invalid<br="" to="" u0428="" vdc(diag)-97,="">DATA RECEIVED FROM STEERING ANGLE SENSOR MODULE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
U0594	Invalid Data Received From Hybrid Powertrain Control Module	Defective CAN communication	<ref. dtc="" invalid<br="" to="" u0594="" vdc(diag)-98,="">DATA RECEIVED FROM HYBRID POWER- TRAIN CONTROL MODULE, Diagnostic Proce- dure with Diagnostic Trouble Code (DTC).&gt;</ref.>
U1120	Lost Communication With Autostart Stop Con- trol Module	Defective CAN communication	<ref. dtc="" lost<br="" to="" u1120="" vdc(diag)-98,="">COMMUNICATION WITH AUTOSTART STOP CONTROL MODULE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
U1235	Lost Communication With EyeSight	Defective CAN communication	<ref. dtc="" lost<br="" to="" u1235="" vdc(diag)-98,="">COMMUNICATION WITH EyeSight, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
U1433	Invalid Data Received From EyeSight	Defective CAN communication	<ref. dtc="" invalid<br="" to="" u1433="" vdc(diag)-98,="">DATA RECEIVED FROM EyeSight, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
U1469	Invalid Data Received From Autostart Stop Control Module	Defective CAN communication	<ref. dtc="" invalid<br="" to="" u1469="" vdc(diag)-98,="">DATA RECEIVED FROM AUTOSTART STOP CONTROL MODULE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>

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#### • Models with EyeSight

DTC	Detailed code	Item	Content of diagnosis	Reference
C0021	5045	Front Right ABS Sen- sor Circuit Open or Short	Open/high input of front ABS wheel speed sen- sor RH	<ref. c0021="" dtc="" front="" right<br="" to="" vdc(diag)-98,="">ABS SENSOR CIRCUIT OPEN OR SHORT, Diag- nostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C0022	5049 5053 5057 5061 5065	Front Right ABS Sen- sor Signal	Front ABS wheel speed sensor RH signal mal- function	<ref. c0022="" dtc="" front="" right<br="" to="" vdc(diag)-101,="">ABS SENSOR SIGNAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C0023	5044	Front Left ABS Sensor Circuit Open or Short	Open/high input of front ABS wheel speed sen- sor LH	<ref. c0023="" dtc="" front="" left<br="" to="" vdc(diag)-98,="">ABS SENSOR CIRCUIT OPEN OR SHORT, Diag- nostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C0024	5048 5052 5056 5060 5064	Front Left ABS Sensor Signal	Front ABS wheel speed sensor LH signal mal- function	<ref. c0024="" dtc="" front="" left<br="" to="" vdc(diag)-101,="">ABS SENSOR SIGNAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C0025	5047	Rear Right ABS Sensor Circuit Open or Short	Open/high input of rear ABS wheel speed sen- sor RH	<ref. c0025="" dtc="" rear="" right<br="" to="" vdc(diag)-98,="">ABS SENSOR CIRCUIT OPEN OR SHORT, Diag- nostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C0026	5051 5055 5059 5063 5067	Rear Right ABS Sensor Signal	Rear ABS wheel speed sensor RH signal mal- function	<ref. c0026="" dtc="" rear="" right<br="" to="" vdc(diag)-101,="">ABS SENSOR SIGNAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C0027	5046	Rear Left ABS Sensor Circuit Open or Short	Open/high input of rear ABS wheel speed sen- sor LH	<ref. c0027="" dtc="" left<br="" rear="" to="" vdc(diag)-99,="">ABS SENSOR CIRCUIT OPEN OR SHORT, Diag- nostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C0028	5050 5054 5058 5062 5066	Rear Left ABS Sensor Signal	Rear ABS wheel speed sensor LH signal mal- function	<ref. c0028="" dtc="" left<br="" rear="" to="" vdc(diag)-102,="">ABS SENSOR SIGNAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C0031	5019	FR Hold Valve Malfunc- tion	Front inlet solenoid valve RH malfunction in VDCCM&H/U	<ref. c0031="" dtc="" fr="" hold<br="" to="" vdc(diag)-104,="">VALVE MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C0032	5023	FR Pressure Reducing Valve Malfunction	Front outlet solenoid valve RH malfunction in VDCCM&H/U	<ref. c0032="" dtc="" fr="" pressure<br="" to="" vdc(diag)-104,="">REDUCING VALVE MALFUNCTION, Diagnostic Pro- cedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C0033	5018	FL Hold Valve Malfunc- tion	Front inlet solenoid valve LH malfunction in VDCCM&H/U	<ref. c0033="" dtc="" fl="" hold<br="" to="" vdc(diag)-104,="">VALVE MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C0034	5022	FL Pressure Reducing Valve Malfunction	Front outlet solenoid valve LH malfunction in VDCCM&H/U	<ref. c0034="" dtc="" fl="" pressure<br="" to="" vdc(diag)-104,="">REDUCING VALVE MALFUNCTION, Diagnostic Pro- cedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C0035	5021	RR Hold Valve Malfunc- tion	Rear inlet solenoid valve RH malfunction in VDCCM&H/U	<ref. c0035="" dtc="" hold<br="" rr="" to="" vdc(diag)-104,="">VALVE MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C0036	5025	RR Pressure Reducing Valve Malfunction	Rear outlet solenoid valve RH malfunction in VDCCM&H/U	<ref. c0036="" dtc="" pres-<br="" rr="" to="" vdc(diag)-104,="">SURE REDUCING VALVE MALFUNCTION, Diag- nostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>

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DTC	Detailed code	Item	Content of diagnosis	Reference
C0037	5020	RL Hold Valve Malfunc- tion	Rear inlet solenoid valve LH malfunction in VDCCM&H/U	<ref. c0037="" dtc="" hold<br="" rl="" to="" vdc(diag)-104,="">VALVE MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C0038	5024	RL Pressure Reducing Valve Malfunction	Rear outlet solenoid valve LH malfunction in VDCCM&H/U	<ref. c0038="" dtc="" pressure<br="" rl="" to="" vdc(diag)-104,="">REDUCING VALVE MALFUNCTION, Diagnostic Pro- cedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C0041	5002 5003 5004 5005 5006 5007 5008 5009 5010 5011 5012 5013 5014 5015 5037 5038 5040 5041 5068 5069 5134	ECM	VDC control module malfunction	<ref. c0041="" diagnos-<br="" dtc="" ecm,="" to="" vdc(diag)-108,="">tic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
	5148 5149	Parameter Selection Error	VDC control module parameter selection fail- ure	<ref. c0041="" dtc="" parameter<br="" to="" vdc(diag)-110,="">SELECTION ERROR, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C0042	5000 5001	Power Supply Voltage Failure	Power voltage malfunc- tion	<ref. c0042="" dtc="" power="" sup-<br="" to="" vdc(diag)-111,="">PLY VOLTAGE FAILURE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C0044	5137 5140 5142	TCM Communication Circuit	CAN communication failure of transmission control module	<ref. c0044="" commu-<br="" dtc="" tcm="" to="" vdc(diag)-113,="">NICATION CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
	5144	TCM Malfunction	Malfunction of transmis- sion control module	<ref. c0045="" dtc="" mal-<br="" tcm="" to="" vdc(diag)-114,="">FUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C0045	5146	Incorrect VDC Control Module Specifications	Different VDC control module specification	<ref. c0045="" dtc="" incorrect<br="" to="" vdc(diag)-115,="">VDC CONTROL MODULE SPECIFICATIONS, Diag- nostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C0046	5155 5162	Body Integrated Mod- ule Communication Cir- cuit	Body integrated module communication circuit	<ref. body="" c0046="" dtc="" inte-<br="" to="" vdc(diag)-116,="">GRATED MODULE COMMUNICATION CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C0047	5135	CAN Communication	Improper CAN commu- nication	<ref. c0047="" can="" commu-<br="" dtc="" to="" vdc(diag)-117,="">NICATION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C0049	5151 5152	Cruise Controller Abnor- mal	CRUISE controller com- munication error	<ref. c0049="" con-<br="" cruise="" dtc="" to="" vdc(diag)-118,="">TROLLER ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C0051	5016 5017 5034 5036	Valve Relay	Valve Relay	<ref. c0051="" dtc="" relay,<br="" to="" valve="" vdc(diag)-119,="">Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>

#### VEHICLE DYNAMICS CONTROL (VDC) (DIAGNOSTICS)

DTC	Detailed code	Item	Content of diagnosis	Reference
C0052	5039 5042 5043 5154	Motor Malfunction	Motor	<ref. c0052="" dtc="" mal-<br="" motor="" to="" vdc(diag)-121,="">FUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C0054	5133	BLS Off Malfunction	BLS OFF Malfunction	<ref. bls="" c0054="" dtc="" mal-<br="" off="" to="" vdc(diag)-123,="">FUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
00004	5153	BLS On Malfunction	BLS ON malfunction	<ref. bls="" c0054="" dtc="" mal-<br="" on="" to="" vdc(diag)-125,="">FUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
	5102 5108	G Sensor Abnormal	G sensor failure	<ref. c0056="" dtc="" g="" sensor<br="" to="" vdc(diag)-126,="">ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C0056	5103 5104 5105 5106 5107 5109	G Sensor Signal	G sensor signal	<ref. c0056="" dtc="" g="" sensor<br="" to="" vdc(diag)-127,="">SIGNAL, Diagnostic Procedure with Diagnostic Trou- ble Code (DTC).&gt;</ref.>
	5136 5139 5141	ECM Communication Circuit	CAN communication failure of engine control module	<ref. c0057="" commu-<br="" dtc="" ecm="" to="" vdc(diag)-129,="">NICATION CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C0057	5143	ECM Control System	Prohibition of coordinate control for engine con- trol module	<ref. c0057="" con-<br="" dtc="" ecm="" to="" vdc(diag)-130,="">TROL SYSTEM, Diagnostic Procedure with Diagnos- tic Trouble Code (DTC).&gt;</ref.>
00037	5145	VDC Interrupted Due to EGI Reason	VDC interrupted due to EGI reason	<ref. c0057="" dtc="" inter-<br="" to="" vdc="" vdc(diag)-130,="">RUPTED DUE TO EGI REASON, Diagnostic Proce- dure with Diagnostic Trouble Code (DTC).&gt;</ref.>
	5160	ECM Failure	Engine control module is faulty	<ref. c0057="" dtc="" ecm="" failure,<br="" to="" vdc(diag)-131,="">Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C0061	5027	Normal Opening Valve 1 Malfunction	Secondary cut valve malfunction in VDCCM&H/U	<ref. c0061="" dtc="" normal<br="" to="" vdc(diag)-104,="">OPENING VALVE 1 MALFUNCTION, Diagnostic Pro- cedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C0062	5026	Normal Opening Valve 2 Malfunction	Primary cut valve mal- function in VDCCM&H/ U	<ref. c0062="" dtc="" normal<br="" to="" vdc(diag)-105,="">OPENING VALVE 2 MALFUNCTION, Diagnostic Pro- cedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C0063	5029	Normal Closing Valve 1 Malfunction	Secondary suction valve malfunction in VDCCM&H/U	<ref. c0063="" dtc="" normal<br="" to="" vdc(diag)-105,="">CLOSING VALVE 1 MALFUNCTION, Diagnostic Pro- cedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C0064	5028	Normal Closing Valve 2 Malfunction	Primary suction valve malfunction in VDCCM&H/U	<ref. c0064="" dtc="" normal<br="" to="" vdc(diag)-106,="">CLOSING VALVE 2 MALFUNCTION, Diagnostic Pro- cedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
	5121 5122 5123 5138	No Signal From Steer- ing Angle Sensor	Steering angle sensor communication	<ref. c0071="" dtc="" no="" signal<br="" to="" vdc(diag)-132,="">FROM STEERING ANGLE SENSOR, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C0071	5124 5125 5126 5127 5128 5129 5132	Steer Angle Sensor Op	Steering angle sensor output	<ref. angle<br="" c0071="" dtc="" steer="" to="" vdc(diag)-134,="">SENSOR OP, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>

VEHICLE DYNAMICS CONTROL (VDC) (DIAGNOSTICS)

DTC	Detailed code	Item	Content of diagnosis	Reference
C0072	5116 5117 5118 5119 5120 5131	Abnormal Yaw Rate Sensor Output	Yaw rate sensor output	<ref. abnormal<br="" c0072="" dtc="" to="" vdc(diag)-137,="">YAW RATE SENSOR OUTPUT, Diagnostic Proce- dure with Diagnostic Trouble Code (DTC).&gt;</ref.>
	5110 5114	Lateral G Sensor Power/Output	Lateral G sensor power supply/output	<ref. c0073="" dtc="" g<br="" lateral="" to="" vdc(diag)-138,="">SENSOR POWER/OUTPUT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C0073	5111 5112 5113 5115 5130	Abnormal Lateral G Sensor Output	Lateral G sensor output	<ref. abnormal<br="" c0073="" dtc="" to="" vdc(diag)-139,="">LATERAL G SENSOR OUTPUT, Diagnostic Proce- dure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C0074	5070 5071 5072 5073 5074 5075 5076 5077 5078 5079	Master Cylinder Pres- sure Sensor Output	Master cylinder pres- sure sensor output	<ref. c0074="" cyl-<br="" dtc="" master="" to="" vdc(diag)-141,="">INDER PRESSURE SENSOR OUTPUT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C0075	5080 5081 5082 5083 5084 5086 5087 5088 5089 5090 5091 5092 5093 5094 5095 5097 5098 5099 5100 5101	Wheel Cylinder Pres- sure Sensor Output	Wheel cylinder pressure sensor output	<ref. c0075="" cylin-<br="" dtc="" to="" vdc(diag)-142,="" wheel="">DER PRESSURE SENSOR OUTPUT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C0081	5147	System Failure	System malfunction	<ref. c0081="" dtc="" fail-<br="" system="" to="" vdc(diag)-143,="">URE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
C1424	5160	ECM Failure	Engine control module is faulty	<ref. c1424="" dtc="" ecm="" failure,<br="" to="" vdc(diag)-70,="">Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
U0401	5167	Invalid Data Received From ECM/PCM "A"	Defective CAN commu- nication	<ref. data<br="" dtc="" invalid="" to="" u0401="" vdc(diag)-97,="">RECEIVED FROM ECM/PCM "A", Diagnostic Proce- dure with Diagnostic Trouble Code (DTC).&gt;</ref.>
U0422	5163	Invalid Data Received From Body Control Module	Defective CAN commu- nication	<ref. data<br="" dtc="" invalid="" to="" u0422="" vdc(diag)-97,="">RECEIVED FROM BODY CONTROL MODULE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>