11.List of Diagnostic Trouble Code (DTC)

A: LIST

DTC	Detailed code	Item	Content of diagnosis	Reference
C0021	5045	Front Right ABS Sensor Circuit Open or Short	Open/high input of front ABS wheel speed sen- sor RH	<ref. c0021="" dtc="" front<br="" to="" vdc(diag)-39,="">RIGHT ABS SENSOR CIRCUIT OPEN OR SHORT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
C0022	5049 5053 5057 5061 5065	Front Right ABS Sensor Signal	Front ABS wheel speed sensor RH signal mal- function	<ref. c0022="" dtc="" front<br="" to="" vdc(diag)-42,="">RIGHT ABS SENSOR SIGNAL, Diagnostic Pro- cedure with Diagnostic Trouble Code (DTC).></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)-39,="">ABS SENSOR CIRCUIT OPEN OR SHORT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
C0024	5048 5052 5056 5060 5064	Front Left ABS Sensor Signal	Front ABS wheel speed sensor LH signal mal- function	<ref. (dtc).="" abs="" c0024="" code="" diagnostic="" dtc="" front="" left="" procedure="" sensor="" signal,="" to="" trouble="" vdc(diag)-42,="" with=""></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)-39,="">ABS SENSOR CIRCUIT OPEN OR SHORT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></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)-42,="">ABS SENSOR SIGNAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></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)-40,="">ABS SENSOR CIRCUIT OPEN OR SHORT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
C0028	5050 5054 5058 5062 5066	Rear Left ABS Sensor Signal	Rear ABS wheel speed sensor LH signal mal- function	<ref. (dtc).="" abs="" c0028="" code="" diagnostic="" dtc="" left="" procedure="" rear="" sensor="" signal,="" to="" trouble="" vdc(diag)-43,="" with=""></ref.>
C0031	5019	FR Hold Valve Malfunction	Front inlet solenoid valve RH malfunction in VDCCM&H/U	<ref. (dtc).="" c0031="" code="" diagnostic="" dtc="" fr="" hold="" malfunction,="" procedure="" to="" trouble="" valve="" vdc(diag)-44,="" with=""></ref.>
C0032	5023	FR Pressure Reducing Valve Malfunction	Front outlet solenoid valve RH malfunction in VDCCM&H/U	<ref. c0032="" dtc="" fr="" pres-<br="" to="" vdc(diag)-44,="">SURE REDUCING VALVE MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
C0033	5018	FL Hold Valve Malfunction	Front inlet solenoid valve LH malfunction in VDCCM&H/U	<ref. (dtc).="" c0033="" code="" diagnostic="" dtc="" fl="" hold="" malfunction,="" procedure="" to="" trouble="" valve="" vdc(diag)-45,="" with=""></ref.>
C0034	5022	FL Pressure Reducing Valve Malfunction	Front outlet solenoid valve LH malfunction in VDCCM&H/U	<ref. c0034="" dtc="" fl="" pres-<br="" to="" vdc(diag)-45,="">SURE REDUCING VALVE MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
C0035	5021	RR Hold Valve Malfunction	Rear inlet solenoid valve RH malfunction in VDCCM&H/U	<ref. (dtc).="" c0035="" code="" diagnostic="" dtc="" hold="" malfunction,="" procedure="" rr="" to="" trouble="" valve="" vdc(diag)-45,="" with=""></ref.>

List of Diagnostic Trouble Code (DTC)

VEHICLE DYNAMICS CONTROL (VDC) (DIAGNOSTICS)

DTC	Detailed code	Item	Content of diagnosis	Reference
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)-45,="">SURE REDUCING VALVE MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
C0037	5020	RL Hold Valve Malfunction	Rear inlet solenoid valve LH malfunction in VDCCM&H/U	<ref. (dtc).="" c0037="" code="" diagnostic="" dtc="" hold="" malfunction,="" procedure="" rl="" to="" trouble="" valve="" vdc(diag)-45,="" with=""></ref.>
C0038	5024	RL Pressure Reducing Valve Malfunction	Rear outlet solenoid valve LH malfunction in VDCCM&H/U	<ref. c0038="" dtc="" pres-<br="" rl="" to="" vdc(diag)-45,="">SURE REDUCING VALVE MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></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. (dtc).="" c0041="" code="" diagnostic="" dtc="" ecm,="" procedure="" to="" trouble="" vdc(diag)-48,="" with=""></ref.>
	5148 5149	Parameter Selection Error	VDC control module parameter selection failure	<ref. c0041="" dtc="" parameter<br="" to="" vdc(diag)-50,="">SELECTION ERROR, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
C0042	5000 5001	Power Supply Voltage Failure	Power voltage malfunction	<ref. (dtc).="" c0042="" code="" diagnostic="" dtc="" failure,="" power="" procedure="" supply="" to="" trouble="" vdc(diag)-51,="" voltage="" with=""></ref.>
C0044	5137 5140 5142	TCM Communication Circuit	CAN communication failure of transmission control module	<ref. c0044="" com-<br="" dtc="" tcm="" to="" vdc(diag)-53,="">MUNICATION CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
C0045	5144	TCM Malfunction	Malfunction of transmission control module	<ref. (dtc).="" c0045="" code="" diagnostic="" dtc="" mal-function,="" procedure="" tcm="" to="" trouble="" vdc(diag)-54,="" with=""></ref.>
	5146	Incorrect VDC Control Module Specifications	Different VDC control module specification	<ref. (dtc).="" c0045="" code="" control="" diagnostic="" dtc="" incorrect="" module="" procedure="" specifications,="" to="" trouble="" vdc="" vdc(diag)-55,="" with=""></ref.>
C0046	5155	Body Integrated Mod- ule Communication Cir- cuit	Body integrated module communication circuit	<ref. body="" c0046="" dtc="" inte-<br="" to="" vdc(diag)-57,="">GRATED MODULE COMMUNICATION CIR- CUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
C0047	5135	CAN Communication	Improper CAN commu- nication	<ref. c0047="" can="" com-<br="" dtc="" to="" vdc(diag)-58,="">MUNICATION, Diagnostic Procedure with Diag- nostic Trouble Code (DTC).></ref.>

List of Diagnostic Trouble Code (DTC)

VEHICLE DYNAMICS CONTROL (VDC) (DIAGNOSTICS)

DTC	Detailed code	Item	Content of diagnosis	Reference
C0048	5156	Parking Brake System Communication Circuit	Parking brake system communication circuit	<ref. c0048="" dtc="" parking<br="" to="" vdc(diag)-59,="">BRAKE SYSTEM COMMUNICATION CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
C0049	5151 5152	Cruise Controller Abnormal	CRUISE controller communication error	<ref. (dtc).="" abnormal,="" c0049="" code="" controller="" cruise="" diagnostic="" dtc="" procedure="" to="" trouble="" vdc(diag)-60,="" with=""></ref.>
C0051	5016 5017 5034 5036	Valve Relay	Valve Relay	<ref. (dtc).="" c0051="" code="" diagnostic="" dtc="" procedure="" relay,="" to="" trouble="" valve="" vdc(diag)-61,="" with=""></ref.>
C0052	5039 5042 5043 5154	Motor Malfunction	Motor	<ref. (dtc).="" c0052="" code="" diagnostic="" dtc="" malfunction,="" motor="" procedure="" to="" trouble="" vdc(diag)-63,="" with=""></ref.>
C0054	5133	BLS Off Malfunction	BLS OFF Malfunction	<ref. (dtc).="" bls="" c0054="" code="" diagnostic="" dtc="" malfunction,="" off="" procedure="" to="" trouble="" vdc(diag)-66,="" with=""></ref.>
	5153	BLS On Malfunction	BLS ON malfunction	<ref. (dtc).="" bls="" c0054="" code="" diagnostic="" dtc="" malfunction,="" on="" procedure="" to="" trouble="" vdc(diag)-68,="" with=""></ref.>
C0056	5102 5108	G Sensor Abnormal	G sensor failure	<ref. (dtc).="" abnormal,="" c0056="" code="" diagnostic="" dtc="" g="" procedure="" sensor="" to="" trouble="" vdc(diag)-69,="" with=""></ref.>
	5103 5104 5105 5106 5107 5109	G Sensor Signal	G sensor signal	<ref. (dtc).="" c0056="" code="" diagnostic="" dtc="" g="" procedure="" sensor="" signal,="" to="" trouble="" vdc(diag)-70,="" with=""></ref.>
C0057	5136 5139 5141	ECM Communication Circuit	CAN communication failure of engine control module	<ref. c0057="" com-<br="" dtc="" ecm="" to="" vdc(diag)-72,="">MUNICATION CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
	5143	ECM Control System	Coordinate control pro- hibition of engine con- trol module	<ref. (dtc).="" c0057="" code="" control="" diagnostic="" dtc="" ecm="" procedure="" system,="" to="" trouble="" vdc(diag)-73,="" with=""></ref.>
	5145	VDC Interrupted Due to EGI Reason	VDC interrupted due to EGI reason	<ref. (dtc).="" c0057="" code="" diagnostic="" dtc="" due="" egi="" inter-rupted="" procedure="" reason,="" to="" trouble="" vdc="" vdc(diag)-74,="" with=""></ref.>
C0061	5027	Normal Opening Valve 1 Malfunction	Secondary cut valve malfunction in VDCCM&H/U	<ref. (dtc).="" 1="" c0061="" code="" diagnostic="" dtc="" malfunction,="" normal="" opening="" procedure="" to="" trouble="" valve="" vdc(diag)-45,="" with=""></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)-45,="">OPENING VALVE 2 MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
C0063	5029	Normal Closing Valve 1 Malfunction	Secondary suction valve malfunction in VDCCM&H/U	<ref. (dtc).="" 1="" c0063="" closing="" code="" diagnostic="" dtc="" malfunction,="" normal="" procedure="" to="" trouble="" valve="" vdc(diag)-45,="" with=""></ref.>
C0064	5028	Normal Closing Valve 2 Malfunction	Primary suction valve malfunction in VDCCM&H/U	<ref. (dtc).="" 2="" c0064="" closing="" code="" diagnostic="" dtc="" malfunction,="" normal="" procedure="" to="" trouble="" valve="" vdc(diag)-46,="" with=""></ref.>

List of Diagnostic Trouble Code (DTC)

VEHICLE DYNAMICS CONTROL (VDC) (DIAGNOSTICS)

DTC	Detailed code	Item	Content of diagnosis	Reference
	5121 5122 5123 5138	No Signal From Steer- ing Angle Sensor	Steering angle sensor communication	<ref. (dtc).="" angle="" c0071="" code="" diagnostic="" dtc="" from="" no="" procedure="" sensor,="" signal="" steering="" to="" trouble="" vdc(diag)-75,="" with=""></ref.>
C0071	5124 5125 5126 5127 5128 5129 5132	Steer Angle Sensor Op	Steering angle sensor output	<ref. c0071="" dtc="" steer<br="" to="" vdc(diag)-77,="">ANGLE SENSOR OP, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
C0072	5116 5117 5118 5119 5120 5131	Abnormal Yaw Rate Sensor Output	Yaw rate sensor output	<ref. (dtc).="" abnormal="" c0072="" code="" diagnostic="" dtc="" output,="" procedure="" rate="" sensor="" to="" trouble="" vdc(diag)-80,="" with="" yaw=""></ref.>
	5110 5114	Lateral G Sensor Power/Output	Lateral G sensor power supply/output	<ref. c0073="" dtc="" g<br="" lateral="" to="" vdc(diag)-81,="">SENSOR POWER/OUTPUT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
C0073	5111 5112 5113 5115 5130	Abnormal Lateral G Sensor Output	Lateral G sensor output	<ref. (dtc).="" abnormal="" c0073="" code="" diagnostic="" dtc="" g="" lateral="" output,="" procedure="" sensor="" to="" trouble="" vdc(diag)-82,="" with=""></ref.>
C0074	5070 5071 5072 5073 5074 5075 5076 5077 5078 5079	Master Cylinder Pressure Sensor Output	Master cylinder pressure sensor output	<ref. (dtc).="" c0074="" code="" cylinder="" diagnostic="" dtc="" master="" output,="" pressure="" procedure="" sensor="" to="" trouble="" vdc(diag)-84,="" with=""></ref.>
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. (dtc).="" c0075="" code="" cyl-inder="" diagnostic="" dtc="" output,="" pressure="" procedure="" sensor="" to="" trouble="" vdc(diag)-85,="" wheel="" with=""></ref.>
C0081	5147	System Failure	System malfunction	<ref. (dtc).="" c0081="" code="" diagnostic="" dtc="" failure,="" procedure="" system="" to="" trouble="" vdc(diag)-86,="" with=""></ref.>