VEHICLE DYNAMICS CONTROL (VDC) (DIAGNOSTICS)

11.List of Diagnostic Trouble Code (DTC)

A: LIST

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<br="" to="" vdc(diag)-41,="">WHEEL SPEED SENSOR SYSTEM WIRE BREAK/EXCESSIVE INPUT, Diagnostic Proce- dure with Diagnostic Trouble Code (DTC).></ref.>
C1212	FR Wheel Speed Sensor System	Front ABS wheel speed sensor RH signal malfunction	<ref. c1212="" dtc="" fr<br="" to="" vdc(diag)-44,="">WHEEL SPEED SENSOR SYSTEM, Diagnos- tic Procedure with Diagnostic Trouble Code (DTC).></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)-41,="" wheel<br="">SPEED SENSOR SYSTEM WIRE BREAK/ EXCESSIVE INPUT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
C1222	FL Wheel Speed Sensor System	Front ABS wheel speed sensor LH signal malfunction	<ref. c1222="" dtc="" fl="" to="" vdc(diag)-44,="" wheel<br="">SPEED SENSOR SYSTEM, Diagnostic Proce- dure with Diagnostic Trouble Code (DTC).></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<br="" to="" vdc(diag)-41,="">WHEEL SPEED SENSOR SYSTEM WIRE BREAK/EXCESSIVE INPUT, Diagnostic Proce- dure with Diagnostic Trouble Code (DTC).></ref.>
C1232	RR Wheel Speed Sensor System	Rear ABS wheel speed sensor RH signal malfunction	<ref. c1232="" dtc="" rr<br="" to="" vdc(diag)-44,="">WHEEL SPEED SENSOR SYSTEM, Diagnos- tic Procedure with Diagnostic Trouble Code (DTC).></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<br="" to="" vdc(diag)-42,="">WHEEL SPEED SENSOR SYSTEM WIRE BREAK/EXCESSIVE INPUT, Diagnostic Proce- dure with Diagnostic Trouble Code (DTC).></ref.>
C1242	RL Wheel Speed Sen- sor System	Rear ABS wheel speed sensor LH signal malfunction	<ref. c1242="" dtc="" rl<br="" to="" vdc(diag)-45,="">WHEEL SPEED SENSOR SYSTEM, Diagnos- tic Procedure with Diagnostic Trouble Code (DTC).></ref.>
C1251	Wheel Speed Sensor System	Wheel speed sensor malfunction	<ref. c1251="" dtc="" to="" vdc(diag)-46,="" wheel<br="">SPEED SENSOR SYSTEM, Diagnostic Proce- dure with Diagnostic Trouble Code (DTC).></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)-47,="" wheel<br="">SPEED SENSOR SIGNAL OF ONE OF THE WHEELS, Diagnostic Procedure with Diagnos- tic Trouble Code (DTC).></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)-48,="">SOLENOID VALVE SYSTEM, Diagnostic Pro- cedure with Diagnostic Trouble Code (DTC).></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)-48,="">LET SOLENOID VALVE SYSTEM, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></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)-48,="">SOLENOID VALVE SYSTEM, Diagnostic Pro- cedure with Diagnostic Trouble Code (DTC).></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)-48,="">LET SOLENOID VALVE SYSTEM, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>

List of Diagnostic Trouble Code (DTC)

VEHICLE DYNAMICS CONTROL (VDC) (DIAGNOSTICS)

DTC	Item	Content of diagnosis	Reference
C1331	RR Inlet Solenoid Valve System	Rear inlet solenoid valve RH mal- function in VDCCM&H/U	<ref. c1331="" dtc="" inlet<br="" rr="" to="" vdc(diag)-49,="">SOLENOID VALVE SYSTEM, Diagnostic Pro- cedure with Diagnostic Trouble Code (DTC).></ref.>
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)-49,="">LET SOLENOID VALVE SYSTEM, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></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)-49,="">SOLENOID VALVE SYSTEM, Diagnostic Pro- cedure with Diagnostic Trouble Code (DTC).></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)-49,="">LET SOLENOID VALVE SYSTEM, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
C1351	VDC Change-Over Valve 1 (P)	Primary cut valve malfunction in VDCCM&H/U	<ref. c1351="" dtc="" to="" vdc(diag)-49,="" vdc<br="">CHANGE-OVER VALVE 1 (P), Diagnostic Pro- cedure with Diagnostic Trouble Code (DTC).></ref.>
C1352	VDC Change-Over Valve 1 (S)	Secondary cut valve malfunction in VDCCM&H/U	<ref. c1352="" dtc="" to="" vdc(diag)-49,="" vdc<br="">CHANGE-OVER VALVE 1 (S), Diagnostic Pro- cedure with Diagnostic Trouble Code (DTC).></ref.>
C1361	VDC Change-Over Valve 2 (P)	Primary suction valve malfunction in VDCCM&H/U	<ref. c1361="" dtc="" to="" vdc(diag)-49,="" vdc<br="">CHANGE-OVER VALVE 2 (P), Diagnostic Pro- cedure with Diagnostic Trouble Code (DTC).></ref.>
C1362	VDC Change-Over Valve 2 (S)	Secondary suction valve malfunc- tion in VDCCM&H/U	<ref. c1362="" dtc="" to="" vdc(diag)-50,="" vdc<br="">CHANGE-OVER VALVE 2 (S), Diagnostic Pro- cedure with Diagnostic Trouble Code (DTC).></ref.>
C1411	ECU	VDC control module malfunction	<ref. c1411="" diag-<br="" dtc="" ecu,="" to="" vdc(diag)-52,="">nostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
C1412	Parameter	VDC control module parameter failure	<ref. c1412="" dtc="" parame-<br="" to="" vdc(diag)-54,="">TER, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
C1413	Power Supply Volt Error	Power voltage malfunction	<ref. c1413="" dtc="" power<br="" to="" vdc(diag)-55,="">SUPPLY VOLT ERROR, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
C1421	ECM Control System	Coordinate control prohibition of engine control module	<ref. c1421="" dtc="" ecm<br="" to="" vdc(diag)-57,="">CONTROL SYSTEM, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
C1422	VDC Interruption for Engine Convenience	VDC interrupted due to some reasons of the engine	<ref. c1422="" dtc="" to="" vdc(diag)-57,="" vdc<br="">INTERRUPTION FOR ENGINE CONVE- NIENCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
C1423	Different ECU Specifica- tions	Different VDC control module specification	<ref. c1423="" differ-<br="" dtc="" to="" vdc(diag)-58,="">ENT ECU SPECIFICATIONS, Diagnostic Pro- cedure with Diagnostic Trouble Code (DTC).></ref.>
C1424	ECM Failure	Engine control module is faulty	<ref. c1424="" dtc="" ecm="" fail-<br="" to="" vdc(diag)-59,="">URE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
C1431	AT Abnormal	Transmission control module is faulty	<ref. at<br="" c1431="" dtc="" to="" vdc(diag)-60,="">ABNORMAL, Diagnostic Procedure with Diag- nostic Trouble Code (DTC).></ref.>
C1432	Different ECU Specifica- tions	Different VDC control module specification	<ref. c1432="" differ-<br="" dtc="" to="" vdc(diag)-60,="">ENT ECU SPECIFICATIONS, Diagnostic Pro- cedure with Diagnostic Trouble Code (DTC).></ref.>
C1511	Valve Relay	Defective valve relay	<ref. c1511="" dtc="" to="" valve<br="" vdc(diag)-61,="">RELAY, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>



List of Diagnostic Trouble Code (DTC)

VEHICLE DYNAMICS CONTROL (VDC) (DIAGNOSTICS)

DTC	Item	Content of diagnosis	Reference
C1512	Valve System	Defective valve system	<ref. c1512="" dtc="" to="" valve<br="" vdc(diag)-62,="">SYSTEM, Diagnostic Procedure with Diagnos- tic Trouble Code (DTC).></ref.>
C1521	Motor Relay	Motor relay malfunction	<ref. c1521="" dtc="" motor<br="" to="" vdc(diag)-63,="">RELAY, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
C1531	BLS Off Fault	Stop light switch malfunction	<ref. bls="" c1531="" dtc="" off<br="" to="" vdc(diag)-66,="">FAULT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
C1532	BLS On Fault	Stop light switch malfunction	<ref. bls="" c1532="" dtc="" on<br="" to="" vdc(diag)-68,="">FAULT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
C1541	Clutch Off Fault	Clutch signal malfunction	<ref. c1541="" clutch<br="" dtc="" to="" vdc(diag)-69,="">OFF FAULT, Diagnostic Procedure with Diag- nostic Trouble Code (DTC).></ref.>
C1542	Clutch On Fault	Clutch signal malfunction	<ref. c1542="" clutch<br="" dtc="" to="" vdc(diag)-70,="">ON FAULT, Diagnostic Procedure with Diag- nostic Trouble Code (DTC).></ref.>
C1561	Reverse Off Fault	Reverse signal malfunction	<ref. c1561="" dtc="" reverse<br="" to="" vdc(diag)-72,="">OFF FAULT, Diagnostic Procedure with Diag- nostic Trouble Code (DTC).></ref.>
C1562	Reverse On Fault	Reverse signal malfunction	<ref. c1562="" dtc="" reverse<br="" to="" vdc(diag)-73,="">ON FAULT, Diagnostic Procedure with Diag- nostic Trouble Code (DTC).></ref.>
C1711	Steering Angle Sensor Abnormal	Steering angle sensor malfunc- tion	<ref. c1711="" dtc="" steer-<br="" to="" vdc(diag)-75,="">ING ANGLE SENSOR ABNORMAL, Diagnos- tic Procedure with Diagnostic Trouble Code (DTC).></ref.>
C1721	Yaw Rate Sensor Abnor- mal	Defective yaw rate sensor	<ref. c1721="" dtc="" rate<br="" to="" vdc(diag)-78,="" yaw="">SENSOR ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
C1731	G Sensor Abnormal	Defective G sensor	<ref. c1731="" dtc="" g="" sen-<br="" to="" vdc(diag)-79,="">SOR ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
C1732	Lateral G Sensor Abnor- mal	Defective lateral G sensor	<ref. c1732="" dtc="" lateral<br="" to="" vdc(diag)-80,="">G SENSOR ABNORMAL, Diagnostic Proce- dure with Diagnostic Trouble Code (DTC).></ref.>
C1733	Longitudinal G Sensor Abnormal	Defective longitudinal G sensor	<ref. c1733="" dtc="" longitu-<br="" to="" vdc(diag)-81,="">DINAL G SENSOR ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
C1741	Pressure Sensor	Defective pressure sensor	<ref. c1741="" dtc="" pres-<br="" to="" vdc(diag)-82,="">SURE SENSOR, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
C1811	System Failure	System malfunction	<ref. c1811="" dtc="" system<br="" to="" vdc(diag)-83,="">FAILURE, Diagnostic Procedure with Diagnos- tic Trouble Code (DTC).></ref.>
U0073	Control Module Commu- nication Bus "A" Off	Defective CAN communication	<ref. control<br="" dtc="" to="" u0073="" vdc(diag)-85,="">MODULE COMMUNICATION BUS "A" OFF, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
U0100	Lost Communication With ECM/PCM "A"	Defective CAN communication	<ref. dtc="" lost<br="" to="" u0100="" vdc(diag)-85,="">COMMUNICATION WITH ECM/PCM "A", Diag- nostic Procedure with Diagnostic Trouble Code (DTC).></ref.>

VDC(diag)-39

List of Diagnostic Trouble Code (DTC)

VEHICLE DYNAMICS CONTROL (VDC) (DIAGNOSTICS)

DTC	Item	Content of diagnosis	Reference
U0101	Lost Communication With TCM	Defective CAN communication	<ref. dtc="" lost<br="" to="" u0101="" vdc(diag)-85,="">COMMUNICATION WITH TCM, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
U0126	Lost Communication With Steering Angle Sensor Module	Defective CAN communication	<ref. dtc="" lost<br="" to="" u0126="" vdc(diag)-85,="">COMMUNICATION WITH STEERING ANGLE SENSOR MODULE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
U0140	Lost Communication With Body Control Mod- ule	Defective CAN communication	<ref. dtc="" lost<br="" to="" u0140="" vdc(diag)-85,="">COMMUNICATION WITH BODY CONTROL MODULE, Diagnostic Procedure with Diagnos- tic Trouble Code (DTC).></ref.>
U0401	Invalid Data Received From ECM/PCM "A"	Defective CAN communication	<ref. dtc="" invalid<br="" to="" u0401="" vdc(diag)-85,="">DATA RECEIVED FROM ECM/PCM "A", Diag- nostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
U0402	Invalid Data Received From TCM	Defective CAN communication	<ref. dtc="" invalid<br="" to="" u0402="" vdc(diag)-85,="">DATA RECEIVED FROM TCM, Diagnostic Pro- cedure with Diagnostic Trouble Code (DTC).></ref.>
U0422	Invalid Data Received From Body Control Mod- ule	Defective CAN communication	<ref. dtc="" invalid<br="" to="" u0422="" vdc(diag)-85,="">DATA RECEIVED FROM BODY CONTROL MODULE, Diagnostic Procedure with Diagnos- tic Trouble Code (DTC).></ref.>
U0428	Invalid Data Received From Steering Angle Sensor Module	Defective CAN communication	<ref. dtc="" invalid<br="" to="" u0428="" vdc(diag)-85,="">DATA RECEIVED FROM STEERING ANGLE SENSOR MODULE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>