

- The trip odometer reset switch is located in the left hand control module. The switch signal is sent to the IM over the CAN bus. If there is a problem with the CAN bus, the IM self-diagnostic mode may not function.
- For a quick check of instrument function, perform a "WOW" test by turning run/stop switch to RUN. Background lighting will illuminate, H-D logo will appear on start up and all indicator lamps controlled by the CAN circuit will illuminate.
- If the instrument fails "WOW" test, check for battery power and ground to the instrument. If any feature in the IM is non-functional, see [Instruments](#).

Table 1. Diagnostic Trouble Codes (DTCs) and Fault Conditions

DTC	PRIORITY ORDER	FAULT CONDITION	SOLUTION
B112011		Cruise set switch circuit shorted to ground	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B112012		Cruise set switch circuit shorted to voltage	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B112013		Cruise set switch circuit open	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B112111		Cruise resume switch circuit shorted to ground	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B112112		Cruise resume switch circuit shorted to voltage	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B112113		Cruise resume switch circuit open	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B112211		Cruise on switch circuit shorted to ground	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B112212		Cruise on switch circuit shorted to voltage	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B112213		Cruise on switch circuit open	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B112311		Cruise off switch circuit shorted to ground	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B112312		Cruise off switch circuit shorted to voltage	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B112313		Cruise off switch circuit open	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B112411		Left turn switch circuit shorted to ground	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B112412		Left turn switch circuit shorted to voltage	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS

DTC	PRIORITY ORDER	FAULT CONDITION	SOLUTION
B112413		Left turn switch circuit open	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B112511		Right turn switch circuit shorted to ground	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B112512		Right turn switch circuit shorted to voltage	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B112513		Right turn switch circuit open	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B112911		Turn switch cancel circuit shorted to ground	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B112912		Turn switch cancel circuit shorted to voltage	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B112913		Turn switch cancel circuit open	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B112E11		High beam switch circuit shorted to ground	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B112E12		High beam switch circuit shorted to voltage	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B112E13		High beam switch circuit open	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B112F11		FTP circuit shorted to ground	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B112F12		FTP circuit shorted to voltage	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B112F13		FTP circuit open	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B116000		RHCM/LHCM internal fault	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B116508		Off switch invalid data received	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B116509		Off switch fault	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B116511		Off switch circuit shorted to ground	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B116512		Off switch circuit shorted to voltage	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS

DTC	PRIORITY ORDER	FAULT CONDITION	SOLUTION
B116513		Off switch circuit open	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B116608		Run switch invalid data received	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B116609		Run switch fault	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B116611		Run switch circuit shorted to ground	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B116612		Run switch circuit shorted to voltage	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B116613		Run switch circuit open	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B116711		Start switch circuit shorted to ground	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B116712		Start switch circuit shorted to voltage	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B116713		Start switch circuit open	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B116811		Ridemode switch circuit shorted to ground	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B116812		Ridemode switch circuit shorted to voltage	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B116813		Ride mode switch circuit open	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B116A11		Hazard switch circuit shorted to ground	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B116A12		Hazard switch circuit shorted to voltage	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B116A13		Hazard switch circuit open	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B116B11		TC switch circuit shorted to ground	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B116B12		TC switch circuit shorted to voltage	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B116B13		TC switch circuit open	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS

DTC	PRIORITY ORDER	FAULT CONDITION	SOLUTION
B116C11		Front brake applied switch circuit shorted to ground	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B116C12		Front brake applied switch circuit shorted to voltage	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B116C13		Front brake applied switch circuit open	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B116D11		Front brake released switch circuit shorted to ground	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B116D12		Front brake released switch circuit shorted to voltage	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B116D13		Front brake released switch circuit open	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B11A292		High beam switch performance	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B11A392		FTP switch performance	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B11A492		Cruise set switch performance	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B11A592		Cruise resume switch performance	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B11A692		Cruise on switch performance	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B11A792		Cruise off switch performance	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B11A892		Left turn switch performance	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B11A992		Right turn switch performance	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B11B192		Off switch performance	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B11B292		Run switch performance	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B11B392		Start switch performance	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B11B492		Ride mode switch performance	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS

DTC	PRIORITY ORDER	FAULT CONDITION	SOLUTION
B11B592		Spare/reserved switch performance	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B11B692		Hazard switch performance	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B11B792		TC switch performance	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B11B892		VR switch performance	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B11B992		Front brake switch performance	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B120000		Inst internal fault	Instruments → IM INOPERATIVE DIAGNOSTICS
B120100		Inst internal fault	Instruments → IM INOPERATIVE DIAGNOSTICS
B120400		Inst internal fault	Instruments → IM INOPERATIVE DIAGNOSTICS
B121041		Inst internal fault	Instruments → IM INOPERATIVE DIAGNOSTICS
B121141		Inst internal fault	Instruments → IM INOPERATIVE DIAGNOSTICS
B121241		Inst internal fault	Instruments → IM INOPERATIVE DIAGNOSTICS
B121304		Inst internal fault	Instruments → IM INOPERATIVE DIAGNOSTICS
B121400		Inst internal fault	Instruments → IM INOPERATIVE DIAGNOSTICS
B121447		Inst internal fault	Instruments → IM INOPERATIVE DIAGNOSTICS
B122000		Incoming ODO high	Instruments → IM INOPERATIVE DIAGNOSTICS
B122200		Vehicle configuration invalid	Instruments → IM INOPERATIVE DIAGNOSTICS
B13149E		LHCM VR PTT button stuck	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B13159E		LHCM up button stuck	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B13169E		LHCM left button stuck	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B13179E		LHCM center button stuck	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B13189E		LHCM right button stuck	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B13199E		LHCM down button stuck	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS

DTC	PRIORITY ORDER	FAULT CONDITION	SOLUTION
			DIAGNOSTICS
B13219E		RHCM up button stuck	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B13229E		RHCM left button stuck	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B13239E		RHCM center button stuck	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B13249E		RHCM right button stuck	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B13259E		RHCM down button stuck	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B13719E		RHCM ride mode button stuck	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B150116		TCU internal battery fault	ELECTRIC POWERTRAIN → TELEMATICS CONTROL UNIT DIAGNOSTICS
B150149		TCU internal battery fault	ELECTRIC POWERTRAIN → TELEMATICS CONTROL UNIT DIAGNOSTICS
B15014A		TCU internal battery fault	ELECTRIC POWERTRAIN → TELEMATICS CONTROL UNIT DIAGNOSTICS
B150192		TCU internal battery fault	ELECTRIC POWERTRAIN → TELEMATICS CONTROL UNIT DIAGNOSTICS
B150241		TCU internal fault	ELECTRIC POWERTRAIN → TELEMATICS CONTROL UNIT DIAGNOSTICS
B150242		TCU internal fault	ELECTRIC POWERTRAIN → TELEMATICS CONTROL UNIT DIAGNOSTICS
B150249		TCU internal fault	ELECTRIC POWERTRAIN → TELEMATICS CONTROL UNIT DIAGNOSTICS
B15024B		TCU internal fault	ELECTRIC POWERTRAIN → TELEMATICS CONTROL UNIT DIAGNOSTICS
B15024C		TCU internal fault	ELECTRIC POWERTRAIN → TELEMATICS CONTROL UNIT DIAGNOSTICS
B150297		TCU internal fault	ELECTRIC POWERTRAIN → TELEMATICS CONTROL UNIT DIAGNOSTICS
B150300		TCU internal fault	ELECTRIC POWERTRAIN → TELEMATICS CONTROL UNIT DIAGNOSTICS

DTC	PRIORITY ORDER	FAULT CONDITION	SOLUTION
B150400		TCU internal fault	ELECTRIC POWERTRAIN → TELEMATICS CONTROL UNIT DIAGNOSTICS
B150642		TCU internal fault	ELECTRIC POWERTRAIN → TELEMATICS CONTROL UNIT DIAGNOSTICS
B150700		TCU internal fault	ELECTRIC POWERTRAIN → TELEMATICS CONTROL UNIT DIAGNOSTICS
B15101C		TCU internal fault	ELECTRIC POWERTRAIN → TELEMATICS CONTROL UNIT DIAGNOSTICS
B15111C		TCU internal fault	ELECTRIC POWERTRAIN → TELEMATICS CONTROL UNIT DIAGNOSTICS
B15121C		TCU internal fault	ELECTRIC POWERTRAIN → TELEMATICS CONTROL UNIT DIAGNOSTICS
B210011		System power circuit shorted to ground	ELECTRIC POWERTRAIN → SYSTEM POWER CIRCUIT DIAGNOSTICS
B210019		System power circuit overloaded	ELECTRIC POWERTRAIN → SYSTEM POWER CIRCUIT DIAGNOSTICS
B211111		ACC circuit shorted to ground	Accessories, Horn, Lighting and Security → ACC CIRCUIT DIAGNOSTICS
B211112		ACC circuit shorted to voltage	Accessories, Horn, Lighting and Security → ACC CIRCUIT DIAGNOSTICS
B211119		ACC circuit overloaded	Accessories, Horn, Lighting and Security → ACC CIRCUIT DIAGNOSTICS
B212511		Horn output circuit shorted to ground	Accessories, Horn, Lighting and Security → HORN DIAGNOSTICS
B212515		Horn circuit shorted to voltage/open	Accessories, Horn, Lighting and Security → HORN DIAGNOSTICS
B212519		Horn circuit overloaded	Accessories, Horn, Lighting and Security → HORN DIAGNOSTICS
B213115		High beam circuit voltage/open	Accessories, Horn, Lighting and Security → HEADLAMP DIAGNOSTICS
B213111		High beam circuit shorted to ground	Accessories, Horn, Lighting and Security → HEADLAMP DIAGNOSTICS
B213119		High beam circuit overloaded	Accessories, Horn, Lighting and Security → HEADLAMP DIAGNOSTICS
B213609		Low beam output component failure	Accessories, Horn, Lighting and Security → HEADLAMP DIAGNOSTICS

DTC	PRIORITY ORDER	FAULT CONDITION	SOLUTION
B213611		Low beam circuit shorted to ground	Accessories, Horn, Lighting and Security → HEADLAMP DIAGNOSTICS
B213615		Low beam circuit voltage/open	Accessories, Horn, Lighting and Security → HEADLAMP DIAGNOSTICS
B213619		Low beam circuit overloaded	Accessories, Horn, Lighting and Security → HEADLAMP DIAGNOSTICS
B214115		Turn signal left front circuit shorted to voltage/open	Accessories, Horn, Lighting and Security → FRONT TURN SIGNAL DIAGNOSTICS
B214111		Turn signal left front circuit shorted to ground	Accessories, Horn, Lighting and Security → FRONT TURN SIGNAL DIAGNOSTICS
B214119		Turn signal left front circuit overloaded	Accessories, Horn, Lighting and Security → FRONT TURN SIGNAL DIAGNOSTICS
B214615		Turn signal right front circuit shorted to voltage/open	Accessories, Horn, Lighting and Security → FRONT TURN SIGNAL DIAGNOSTICS
B214611		Turn signal right front circuit shorted to ground	Accessories, Horn, Lighting and Security → FRONT TURN SIGNAL DIAGNOSTICS
B214619		Turn signal right front circuit overloaded	Accessories, Horn, Lighting and Security → FRONT TURN SIGNAL DIAGNOSTICS
B215115		Turn signal left rear circuit shorted to voltage/open	Accessories, Horn, Lighting and Security → REAR TURN SIGNAL DIAGNOSTICS
B215111		Turn signal left rear circuit shorted to ground	Accessories, Horn, Lighting and Security → REAR TURN SIGNAL DIAGNOSTICS
B215119		Turn signal left rear circuit overloaded	Accessories, Horn, Lighting and Security → REAR TURN SIGNAL DIAGNOSTICS
B215615		Turn signal right rear circuit shorted to voltage/open	Accessories, Horn, Lighting and Security → REAR TURN SIGNAL DIAGNOSTICS
B215611		Turn signal right rear circuit shorted to ground	Accessories, Horn, Lighting and Security → REAR TURN SIGNAL DIAGNOSTICS
B215619		Turn signal right rear circuit overloaded	Accessories, Horn, Lighting and Security → REAR TURN SIGNAL DIAGNOSTICS
B216109		Brake lamp output component failure	Accessories, Horn, Lighting and Security → STOP LAMP DIAGNOSTICS
B216111		Brake lamp circuit shorted to ground	Accessories, Horn, Lighting and Security → STOP LAMP DIAGNOSTICS
B216115		Brake lamp circuit shorted to voltage/open	Accessories, Horn, Lighting and Security → STOP LAMP DIAGNOSTICS

DTC	PRIORITY ORDER	FAULT CONDITION	SOLUTION
B216119		Brake lamp circuit overloaded	Accessories, Horn, Lighting and Security → STOP LAMP DIAGNOSTICS
B216611		Running lamp circuit shorted to ground	Accessories, Horn, Lighting and Security → RUNNING LAMP DIAGNOSTICS
B216615		Running lamp circuit shorted to voltage/open	Accessories, Horn, Lighting and Security → RUNNING LAMP DIAGNOSTICS
B216619		Running lamp circuit overloaded	Accessories, Horn, Lighting and Security → RUNNING LAMP DIAGNOSTICS
B217011		System power 2 circuit shorted to ground	ELECTRIC POWERTRAIN → SYSTEM POWER CIRCUIT DIAGNOSTICS
B217019		System power 2 circuit overloaded	ELECTRIC POWERTRAIN → SYSTEM POWER CIRCUIT DIAGNOSTICS
B217111		Wake up power circuit shorted to ground	ABS → IMU DIAGNOSTICS
B217115		Wake up power circuit shorted to voltage/open	ABS → IMU DIAGNOSTICS
B217119		Wake up power circuit overloaded	ABS → IMU DIAGNOSTICS
B217613		Security antenna circuit open	Accessories, Horn, Lighting and Security → SECURITY ANTENNA DIAGNOSTICS
B220100		Ignition switch OFF with vehicle speed	Accessories, Horn, Lighting and Security → SECURITY ANTENNA DIAGNOSTICS
B220200		Ignition switch ACC with vehicle speed	Accessories, Horn, Lighting and Security → SECURITY ANTENNA DIAGNOSTICS
B220311		Ignition switch input circuit shorted to ground	Accessories, Horn, Lighting and Security → SECURITY ANTENNA DIAGNOSTICS
B220611		OFF/RUN switch input circuit shorted to ground	Onboard Charging → OFF
B220615		OFF/RUN switch input circuit shorted to voltage/open	Onboard Charging → OFF
B221062		OFF/RUN switch inputs both circuits open	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B221164		OFF/RUN switch performance	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B221262		OFF/RUN switch both input circuits closed	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B222311		Rear brake switch circuit shorted to ground	Accessories, Horn, Lighting and Security → BRAKE

DTC	PRIORITY ORDER	FAULT CONDITION	SOLUTION
		(light on)	SWITCH DIAGNOSTICS
B223100		Fork locked with vehicle speed	ELECTRIC POWERTRAIN → FORK LOCK DIAGNOSTICS
B223211		Fork lock input circuit shorted to ground	ELECTRIC POWERTRAIN → FORK LOCK DIAGNOSTICS
B223212		Fork lock circuit shorted to voltage	ELECTRIC POWERTRAIN → FORK LOCK DIAGNOSTICS
B223214		Fork lock circuit shorted to ground/open	ELECTRIC POWERTRAIN → FORK LOCK DIAGNOSTICS
B223400		Fork lock switch detected with option disabled	ELECTRIC POWERTRAIN → FORK LOCK DIAGNOSTICS
B223556		Fork lock configuration invalid	ELECTRIC POWERTRAIN → FORK LOCK DIAGNOSTICS
B22519E		Horn switch stuck on	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B22529E		High beam switch stuck on	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B22539E		FTP switch stuck on	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B225481		Left turn switch invalid data	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B22549E		Left turn switch stuck on	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B22559E		Trip switch stuck on	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B22609E		Start switch stuck on	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B226181		Right turn signal invalid data recieved	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B22619E		Right turn switch stuck on	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B226281		Front brake switch invalid data RHCM	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B22629E		Front brake switch stuck on	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS

DTC	PRIORITY ORDER	FAULT CONDITION	SOLUTION
B226381		Hazard switch invalid data	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B22639E		Hazard switch stuck on	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B226881		Ride mode switch invalid data received	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B22689E		Ride mode switch stuck on	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B22699E		VR switch stuck on	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B226A9E		Cruise set switch stuck on	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B226B9E		Cruise resume switch stuck on	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B226C9E		Cruise On switch stuck on	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B226D9E		Cruise Off switch stuck on	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B226E9E		LHCM navigation switch stuck on	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B226F9E		RHCM navigation switch stuck on	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B227008		BCM internal fault	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
B227029		BCM internal fault	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
B22702A		BCM internal fault	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
B227042		BCM internal fault	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
B227043		BCM internal fault	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
B227046		BCM internal fault	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
B227048		BCM internal fault	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS

DTC	PRIORITY ORDER	FAULT CONDITION	SOLUTION
B227113		Battery voltage circuit open	Onboard Charging → BCM VOLTAGE DTCS
B227168		Battery voltage external load	Onboard Charging → BCM VOLTAGE DTCS
B2271A1		Battery voltage below threshold	Onboard Charging → BCM VOLTAGE DTCS
B2271A2		Battery voltage low	Onboard Charging → BCM VOLTAGE DTCS
B2271A3		Battery voltage high	Onboard Charging → BCM VOLTAGE DTCS
B227400		Constant battery line error	Serial Data → ODOMETER SELF-DIAGNOSTIC INOPERATIVE: DTC U000100, U000200, U001100, B227400
B227955		Tilt sensing configuration default	
B227956		BCM mounting angle configuration invalid	
B228400		Rear brake state correlation	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B228464		Rear brake state correlation	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B228556		Rear brake configuration invalid	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B228608		Rear brake rx bus signal/message failure	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B228681		Rear brake rx invalid serial data received	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B228700		Front brake state correlation	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B228856		Front brake configuration invalid	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B228908		Front brake Rx bus signal/message failure	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B228981		Front brake Rx invalid data received	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B229281		Traction control switch error	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B22959E		Information switch stuck on	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B229A9E		Spare/reserved switch stuck on	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS

DTC	PRIORITY ORDER	FAULT CONDITION	SOLUTION
B22929E		RHCM traction control switch stuck on	Accessories, Horn, Lighting and Security → SWITCH DIAGNOSTICS
B231009		EHCU ride mode component failure	ABS → INTERNAL FAULT DIAGNOSTICS
B231056		EHCU ride mode configuration invalid	ABS → INTERNAL FAULT DIAGNOSTICS
B231062		EHCU ride mode signal compare failure	ABS → INTERNAL FAULT DIAGNOSTICS
B23109A		EHCU ride mode change not allowed or system operating conditions	ABS → INTERNAL FAULT DIAGNOSTICS
B231109		PEU ride mode component failure	ABS → INTERNAL FAULT DIAGNOSTICS
B231156		PEU ride mode configuration invalid	ABS → INTERNAL FAULT DIAGNOSTICS
B231162		PEU ride mode signal compare failure	ABS → INTERNAL FAULT DIAGNOSTICS
B23119A		PEU ride mode change not allowed or system operating conditions	ABS → INTERNAL FAULT DIAGNOSTICS
B231362		Ride mode signal compare failure	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
B231400		Traction control change timeout	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
B231600		Ride mode override fault	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
B231756		BCM ride mode configuration invalid	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
B233000		Charging system fault	
B233300		EHCU acceleration data fault	
B233464		Vehicle hold control plausibility fault	ABS → IMU DIAGNOSTICS
B233481		Vehicle hold control invalid data	ABS → IMU DIAGNOSTICS
C006100		Lateral acceleration rx error	ABS → IMU DIAGNOSTICS
C006200		Longitudinal acceleration rx error	ABS → IMU DIAGNOSTICS
C006500		Vertical acceleration rx error	ABS → IMU DIAGNOSTICS
C007700		Low tire pressure	Accessories, Horn, Lighting and Security → TPMS DIAGNOSTICS
C008300		TPMS indicator malfunction	Accessories, Horn, Lighting and Security → TPMS DIAGNOSTICS

DTC	PRIORITY ORDER	FAULT CONDITION	SOLUTION
C051C00		Multi-axis acceleration sensor range/performance	ABS → IMU DIAGNOSTICS
C051D00		Multi-axis acceleration sensor missing calibration	ABS → IMU DIAGNOSTICS
C051E00		Multi-axis acceleration sensor intermittent/erratic	ABS → IMU DIAGNOSTICS
C052000		Multi-axis acceleration sensor internal failure	ABS → IMU DIAGNOSTICS
C056200		ABS/EHCU voltage low	Onboard Charging → ABS VOLTAGE DIAGNOSTICS
C0562FE		ABS/EHCU voltage low signal below critical threshold	Onboard Charging → ABS VOLTAGE DIAGNOSTICS
C0563FF		ABS/EHCU voltage high signal above critical threshold	Onboard Charging → ABS VOLTAGE DIAGNOSTICS
C056300		ABS/EHCU voltage high	Onboard Charging → ABS VOLTAGE DIAGNOSTICS
C101400		ABS/EHCU relay error	ABS → INTERNAL FAULT DIAGNOSTICS
C102100		Front WSS always zero	ABS → WSS DIAGNOSTICS
C102300		Rear WSS always zero	ABS → WSS DIAGNOSTICS
C102500		Front wheel speed intermittent	ABS → WSS DIAGNOSTICS
C102700		Rear wheel speed intermittent	ABS → WSS DIAGNOSTICS
C102900		Wheel speed difference too high	ABS → WSS DIAGNOSTICS
C103200		Front wheel speed circuit open/shorted	ABS → WSS DIAGNOSTICS
C103400		Rear/left rear wheel speed circuit open/shorted	ABS → WSS DIAGNOSTICS
C104000		Pump/motor error	ABS → INTERNAL FAULT DIAGNOSTICS
C104125		IMU error/signal failure	ABS → IMU DIAGNOSTICS
C104129		IMU error/signal invalid	ABS → IMU DIAGNOSTICS
C10412A		IMU error/signal stuck in range	ABS → IMU DIAGNOSTICS
C10412F		IMU error/signal erratic	ABS → IMU DIAGNOSTICS
C104200		IMU mounting error	ABS → IMU DIAGNOSTICS
C105500		ABS/EHCU internal error	ABS → INTERNAL FAULT DIAGNOSTICS
C106100		ABS/EHCU front apply solenoid circuit	ABS → INTERNAL FAULT DIAGNOSTICS

DTC	PRIORITY ORDER	FAULT CONDITION	SOLUTION
		open/high resistance	
C106200		ABS/EHCU front release solenoid circuit open/high resistance	ABS → INTERNAL FAULT DIAGNOSTICS
C106500		ABS/EHCU rear/left rear apply solenoid circuit open/high resistance	ABS → INTERNAL FAULT DIAGNOSTICS
C106600		ABS/EHCU rear/left rear release solenoid circuit open/high resistance	ABS → INTERNAL FAULT DIAGNOSTICS
C107100		Rear prime valve error	ABS → INTERNAL FAULT DIAGNOSTICS
C107200		Rear isolation valve error	ABS → INTERNAL FAULT DIAGNOSTICS
C107300		Front isolation valve error	ABS → INTERNAL FAULT DIAGNOSTICS
C107400		Front prime valve error	ABS → INTERNAL FAULT DIAGNOSTICS
C107500		Front linked inlet valve error	ABS → INTERNAL FAULT DIAGNOSTICS
C107600		Front linked outlet valve error	ABS → INTERNAL FAULT DIAGNOSTICS
C107700		Low tire pressure	ABS → INTERNAL FAULT DIAGNOSTICS
C108300		TPMS indicator malfunction	ABS → INTERNAL FAULT DIAGNOSTICS
C108400		Front wheel pressure sensor offset error	ABS → INTERNAL FAULT DIAGNOSTICS
C108900		Pressure sensor external supply error	ABS → INTERNAL FAULT DIAGNOSTICS
C110000		Traction control fault indicated by PEU	ABS → IMU DIAGNOSTICS
C115900		ABS invalid stored VIN	ABS → INVALID VIN DIAGNOSTICS
C117800		ABS no VIN received from PEU	ABS → INVALID VIN DIAGNOSTICS
C118400		ABS invalid VIN from PEU	ABS → INVALID VIN DIAGNOSTICS
C119500		Wake up error	ABS → IMU DIAGNOSTICS
C121300		Front caliper pressure system fault	ABS → INTERNAL FAULT DIAGNOSTICS
C121800		DC/DC converter performance	Onboard Charging → PEU
C121900		DC/DC converter detected battery fault	Onboard Charging → PEU
C200000		Front TPMS communication fault	Accessories, Horn, Lighting and Security → TPMS DIAGNOSTICS
C200100		Rear TPMS communication fault	Accessories, Horn, Lighting and Security → TPMS DIAGNOSTICS

DTC	PRIORITY ORDER	FAULT CONDITION	SOLUTION
C200316		Front TPMS circuit voltage below threshold	Accessories, Horn, Lighting and Security → TPMS DIAGNOSTICS
C200356		Front TPMS configuration invalid	Accessories, Horn, Lighting and Security → TPMS DIAGNOSTICS
C200398		Front TPMS component or system over temperature	Accessories, Horn, Lighting and Security → TPMS DIAGNOSTICS
C2003F1		Front TPMS acceleration error	Accessories, Horn, Lighting and Security → TPMS DIAGNOSTICS
C2003F2		Front TPMS pressure error	Accessories, Horn, Lighting and Security → TPMS DIAGNOSTICS
C200416		Right rear TPMS circuit voltage below threshold	Accessories, Horn, Lighting and Security → TPMS DIAGNOSTICS
C200456		Right rear TPMS configuration invalid	Accessories, Horn, Lighting and Security → TPMS DIAGNOSTICS
C200498		Right rear TPMS component or system over temperature	Accessories, Horn, Lighting and Security → TPMS DIAGNOSTICS
C2004F1		Right rear TPMS acceleration error	Accessories, Horn, Lighting and Security → TPMS DIAGNOSTICS
C2004F2		Right rear TPMS pressure error	Accessories, Horn, Lighting and Security → TPMS DIAGNOSTICS
C200600		TPMS IDs not loaded	Accessories, Horn, Lighting and Security → TPMS DIAGNOSTICS
C200700		Low tire pressure thresholds not loaded	Accessories, Horn, Lighting and Security → TPMS DIAGNOSTICS
P000018		TCU internal battery over temperature	ELECTRIC POWERTRAIN → TELEMATICS CONTROL UNIT DIAGNOSTICS
P00701C		Ambient air temperature sensor circuit voltage out of range	
P007011		Ambient air temperature sensor circuit shorted to ground	
P007012		Battery temperature sensor circuit shorted to voltage	
P007014		Battery temperature sensor circuit shorted to ground/open	
P012011		TGS 1 circuit shorted to ground/open	ELECTRIC POWERTRAIN → TGS DIAGNOSTICS
P012012		TGS 1 circuit shorted to voltage	ELECTRIC POWERTRAIN → TGS DIAGNOSTICS

DTC	PRIORITY ORDER	FAULT CONDITION	SOLUTION
P01201F		TGS 1 circuit intermittent	ELECTRIC POWERTRAIN → TGS DIAGNOSTICS
P022011		TGS 2 circuit shorted to ground/open	ELECTRIC POWERTRAIN → TGS DIAGNOSTICS
P022012		TGS 2 circuit shorted to voltage	ELECTRIC POWERTRAIN → TGS DIAGNOSTICS
P02201F		TGS 2 circuit intermittent	ELECTRIC POWERTRAIN → TGS DIAGNOSTICS
P056013		System voltage circuit open	Onboard Charging → BATTERY AND SYSTEM VOLTAGE DIAGNOSTICS
P056011		System voltage low	Onboard Charging → BATTERY AND SYSTEM VOLTAGE DIAGNOSTICS
P056012		System system voltage high	Onboard Charging → BATTERY AND SYSTEM VOLTAGE DIAGNOSTICS
P056016		System voltage below threshold	Onboard Charging → PEU
P056017		System voltage above threshold	Onboard Charging → PEU
P05602A		System voltage signal stuck	Onboard Charging → BATTERY AND SYSTEM VOLTAGE DIAGNOSTICS
P0560A2		System voltage low	Onboard Charging → BATTERY AND SYSTEM VOLTAGE DIAGNOSTICS
P0560A3		System system voltage high	Onboard Charging → BATTERY AND SYSTEM VOLTAGE DIAGNOSTICS
P056064		System voltage plausibility failure	Onboard Charging → BATTERY AND SYSTEM VOLTAGE DIAGNOSTICS
P056464		Cruise control input signal plausibility failure	Accessories, Horn, Lighting and Security → Cruise Control
P05659E		Cruise control On signal stuck on	Accessories, Horn, Lighting and Security → Cruise Control
P05679E		Cruise control Resume signal stuck on	Accessories, Horn, Lighting and Security → Cruise Control
P05689E		Cruise control Set signal stuck on	Accessories, Horn, Lighting and Security → Cruise Control
P05719E		Brake switch input front stuck on	Accessories, Horn, Lighting and Security → Cruise Control
P060647		Control module processor watchdog/safety "C" failure	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P060694		Control module processor unexpected operation	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS

DTC	PRIORITY ORDER	FAULT CONDITION	SOLUTION
P060742		Control module performance general memory failure	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P060744		Control module performance data memory failure	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P060745		Control module performance program memory failure	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P060746		Control module performance calibration/parameter failure	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P060A00		Internal control module monitoring processor performance	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P060B00		Internal control module A/D processing performance	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P060C00		Internal control module main processor performance	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P061B00		Internal control module torque calculation performance	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P061E81		Internal control module brake signal invalid data	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P063000		VIN not programmed or incompatible PEU	ELECTRIC POWERTRAIN → DTC P063000, P100900
P063100		Vin not compatible	ELECTRIC POWERTRAIN → TELEMATICS CONTROL UNIT DIAGNOSTICS
P06411C		Sensor reference voltage circuit voltage out of range	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P07039E		Brake switch input rear stuck on	Accessories, Horn, Lighting and Security → BRAKE SWITCH DIAGNOSTICS
P0A0801		DC/DC converter temp sensor general electrical failure	Onboard Charging → PEU
P0A0818		DC/DC converter status circuit below threshold	Onboard Charging → PEU
P0A0889		DC/DC converter status data transfer failure	Onboard Charging → PEU
P0A0A01		High voltage system interlock general electrical failure	ELECTRIC POWERTRAIN → RESS ISOLATION FAULT DIAGNOSTICS
P0A0A11		High voltage system interlock circuit shorted to ground	ELECTRIC POWERTRAIN → RESS ISOLATION FAULT DIAGNOSTICS
P0A0A12		High voltage system interlock circuit shorted	ELECTRIC POWERTRAIN → RESS ISOLATION

DTC	PRIORITY ORDER	FAULT CONDITION	SOLUTION
		to voltage	FAULT DIAGNOSTICS
P0A0A1C		High voltage system interlock circuit voltage out of range	ELECTRIC POWERTRAIN → RESS ISOLATION FAULT DIAGNOSTICS
P0A1D49		Hybrid/EV powertrain control module failure	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0A1D92		PEU control module performance or incorrect operation	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0A2A11		Drive motor temperature sensor circuit shorted to ground	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0A2A15		Drive motor temperature sensor circuit shorted to voltage/open	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0A2A31		Drive motor temperature sensor no signal	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0A2A62		Drive motor temperature sensor signal correlation error	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0A2F00		Drive motor over temp	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0A3F09		Drive motor position sensor component failure	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0A3F37		Drive motor position sensor signal frequency to high	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0A3F56		Drive motor position sensor invalid configuration	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0A5D11		Drive motor phase U current sensor circuit shorted to ground	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0A5D15		Drive motor phase U current sensor circuit shorted to voltage/open	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0A5D19		Drive motor phase U circuit current above threshold	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0A5D1D		Drive motor phase U circuit current out of range	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0A5D85		Drive motor phase current signal above allowable range	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0A6011		Drive motor phase V current sensor circuit shorted to ground	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS

DTC	PRIORITY ORDER	FAULT CONDITION	SOLUTION
P0A6015		Drive motor phase V current sensor circuit shorted to voltage/open	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0A6019		Drive motor phase V current above threshold	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0A601D		Drive motor phase V current out of range	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0A6311		Drive motor phase W current sensor circuit shorted to ground	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0A6315		Drive motor phase W current sensor circuit shorted to voltage/open	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0A6319		Drive motor phase W circuit current above threshold	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0A631D		Drive motor phase W current out of range	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0A7800		Drive motor inverter performance error	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0A7898		Drive motor inverter performance over temperature	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0A7E02		Hybrid/EV battery pack over temperature signal failure	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0A7EFF		Hybrid/EV battery pack over temperature	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0A7F00		Hybrid/EV battery pack deterioration	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0A8611		LV battery current sensor circuit short to ground	ELECTRIC POWERTRAIN → CURRENT SENSOR DIAGNOSTICS
P0A8612		LV battery current sensor circuit short to voltage	ELECTRIC POWERTRAIN → CURRENT SENSOR DIAGNOSTICS
P0A861C		LV battery current sensor circuit voltage out of range	ELECTRIC POWERTRAIN → CURRENT SENSOR DIAGNOSTICS
P0A9403		DC/DC converter performance FM/PWM failure	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0A944B		DC/DC converter performance over temperature	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0A9492		DC/DC converter performance incorrect operation	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS

DTC	PRIORITY ORDER	FAULT CONDITION	SOLUTION
P0A9498		DC/DC converter performance component or system over temperature	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0A9500		High voltage fuse "A" (main fuse)	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0A9B1C		Hybrid/EV battery temperature sensor circuit voltage out of range	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0A9B1F		Hybrid/EV battery temperature sensor circuit intermittent	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0AA072		Hybrid/EV battery positive contactor actuator stuck open	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0AA073		Hybrid/EV battery positive contactor actuator stuck closed	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0AA094		Hybrid/EV battery positive contactor unexpected operation	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0AA372		Hybrid/EV battery negative contactor actuator stuck open	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0AA373		Hybrid/EV battery negative contactor actuator stuck closed	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0AA394		Hybrid/EV battery negative contactor unexpected operation	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0AA600		Hybrid/EV battery voltage system isolation fault	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0AA701		Hybrid/EV battery isolation sensor general electrical failure	ELECTRIC POWERTRAIN → RESS ISOLATION FAULT DIAGNOSTICS
P0AA711		Hybrid/EV battery pack voltage sense circuit shorted to ground	ELECTRIC POWERTRAIN → RESS ISOLATION FAULT DIAGNOSTICS
P0AA712		Hybrid/EV isolation sensor circuit shorted to voltage	ELECTRIC POWERTRAIN → RESS ISOLATION FAULT DIAGNOSTICS
P0ABA11		Hybrid/EV battery pack voltage sense circuit shorted to ground	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0ABA12		Hybrid/EV battery pack voltage sense circuit shorted to voltage	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0ABA1C		Hybrid/EV battery pack voltage sense circuit voltage out of range	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0ABF01		Hybrid/EV battery pack current sense general electrical failure	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS

DTC	PRIORITY ORDER	FAULT CONDITION	SOLUTION
P0ABF12		Hybrid/EV battery pack current sense circuit shorted to voltage	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0ABF1C		Hybrid/EV battery pack current sense circuit voltage out of range	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0ABF87		Hybrid/EV battery pack current sensor missing message	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0AC51C		Hybrid/EV battery temperature sensor circuit voltage out of range	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0AC51F		Hybrid/EV battery temperature sensor circuit intermittent	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0ACA1C		Hybrid/EV battery temperature sensor circuit voltage out of range	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0ACA1F		Hybrid/EV battery temperature sensor circuit intermittent	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0AD913		Hybrid/EV Battery positive contactor control circuit open	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0ADD13		Hybrid/EV battery negative contactor control circuit open	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0AE118		Hybrid/EV battery precharge contactor circuit current below threshold	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0AE172		Hybrid/EV battery precharge contactor actuator stuck open	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0AE413		Hybrid/EV battery precharge contactor circuit open	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0AE81C		Hybrid/EV battery temperature sensor circuit voltage out of range	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0AE81F		Hybrid/EV battery temperature sensor circuit intermittent	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0AED01		Drive motor inverter temperature sensor failure	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0AED4B		Drive motor inverter temperature sensor circuit over temperature	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0AF213		Drive motor inverter temperature sensor circuit open	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0AF24B		Drive motor inverter temperature sensor circuit over temperature	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS

DTC	PRIORITY ORDER	FAULT CONDITION	SOLUTION
P0B0E11		Hybrid/EV battery temperature sensor circuit shorted to ground	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0B0E12		Hybrid/EV battery temperature sensor circuit shorted to voltage	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0B0E1C		Hybrid/EV battery temperature sensor voltage out of range	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0B0E1C		Hybrid/EV battery temperature sensor supply voltage out of range	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0B1300		Hybrid/EV battery pack current sensor A/B correlation	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0B1411		Hybrid/EV battery pack voltage sense circuit shorted to ground	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0B1412		Hybrid/EV battery pack voltage sense circuit shorted to voltage	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0B141C		Hybrid/EV battery pack voltage sense voltage out of range	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0B1911		Hybrid/EV battery pack voltage sense circuit shorted to ground	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0B1912		Hybrid/EV battery pack voltage sense circuit shorted to voltage	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0B191C		Hybrid/EV battery pack voltage sense voltage out of range	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0B1E11		Hybrid/EV battery pack voltage sense circuit shorted to ground	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0B1E12		Hybrid/EV battery pack voltage sense circuit shorted to voltage	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0B1E1C		Hybrid/EV battery pack voltage sense voltage out of range	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0B3B1C		Hybrid/EV battery pack voltage sense voltage out of range	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0B3B1F		Hybrid/EV battery pack voltage sense circuit intermittent	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0B401C		Hybrid/EV battery pack voltage sense voltage out of range	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0B401F		Hybrid/EV battery pack voltage sense circuit intermittent	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS

DTC	PRIORITY ORDER	FAULT CONDITION	SOLUTION
P0B451C		Hybrid/EV battery pack voltage sense voltage out of range	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0B451F		Hybrid/EV battery pack voltage sense circuit intermittent	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0B4A1C		Hybrid/EV battery pack voltage sense voltage out of range	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0B4A1F		Hybrid/EV battery pack voltage sense circuit intermittent	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0B4F1C		Hybrid/EV battery pack voltage sense voltage out of range	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0B4F1F		Hybrid/EV battery pack voltage sense circuit intermittent	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0BC21C		Hybrid/EV battery temperature sense voltage out of range	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0BC21F		Hybrid/EV battery temperature sensor circuit intermittent	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0BD111		Drive motor inverter temperature sensor circuit shorted to ground	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0BD113		Drive motor inverter temperature sensor circuit open	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0BD611		Drive motor inverter temperature sensor circuit shorted to ground	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0BD613		Drive motor inverter temperature sensor circuit open	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0BDB11		Drive motor inverter temperature sensor circuit shorted to ground	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0BDB13		Drive motor inverter temperature sensor circuit open	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0BE512		Drive motor current sensor circuit shorted to voltage	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0BE912		Drive motor current sensor circuit shorted to voltage	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0BED12		Drive motor current sensor circuit shorted to voltage	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0BFD00		Drive motor phase current sensor correlation error	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS

DTC	PRIORITY ORDER	FAULT CONDITION	SOLUTION
P0BFF18		Drive motor current below threshold	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0BFF19		Drive motor current above threshold	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0BFF92		Drive motor current performance	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0C0B11		Drive motor inverter power supply circuit shorted to ground	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0C0B01		Drive motor inverter power supply circuit failure	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0C3801		DC/DC converter temperature sensor general electrical failure	Onboard Charging → PEU
P0C3811		DC/DC converter temperature sensor circuit shorted to ground	Onboard Charging → PEU
P0C3812		DC/DC converter temp sensor circuit shorted to voltage	Onboard Charging → PEU
P0C381C		DC/DC converter temp sensor circuit voltage out of range	Onboard Charging → PEU
P0C4700		Hybrid/EV battery pack coolant pump "A" control circuit/open	Accessories, Horn, Lighting and Security → COOLING PUMP DIAGNOSTICS
P0C4800		Hybrid/EV battery pack coolant pump circuit shorted to ground	Accessories, Horn, Lighting and Security → COOLING PUMP DIAGNOSTICS
P0C4900		Hybrid/EV battery pack coolant pump circuit shorted to voltage	Accessories, Horn, Lighting and Security → COOLING PUMP DIAGNOSTICS
P0C502F		Drive motor position sensor signal erratic	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0C5F2F		Drive motor position sensor signal erratic	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0C7800		Hybrid/EV battery system precharge time too long	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0C79A3		Drive motor inverter voltage too high	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0CA600		Hybrid/EV battery charging current high	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0CA6FF		Hybrid/EV battery charging current high	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS

DTC	PRIORITY ORDER	FAULT CONDITION	SOLUTION
P0CA700		Hybrid/EV battery discharging current high	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0CD101		Vehicle charge receptacle lock motor circuit failure	Onboard Charging → POWER RECEPTACLE (VEHICLE INLET) DIAGNOSTICS
P0CD113		Vehicle charge receptacle lock motor circuit open	Onboard Charging → POWER RECEPTACLE (VEHICLE INLET) DIAGNOSTICS
P0CE911		Hybrid/EV battery pack coolant pump circuit shorted to ground	Accessories, Horn, Lighting and Security → COOLING PUMP DIAGNOSTICS
P0CE915		Hybrid/EV battery pack coolant pump circuit shorted to voltage/open	Accessories, Horn, Lighting and Security → COOLING PUMP DIAGNOSTICS
P0CE919		Hybrid/EV battery pack coolant pump circuit overloaded	Accessories, Horn, Lighting and Security → COOLING PUMP DIAGNOSTICS
P0CEE00		Hybrid/EV electronics coolant temperature sensor "A"	Onboard Charging → PEU
P0CEE11		Hybrid/EV coolant temperature sensor circuit shorted to ground	Onboard Charging → PEU
P0CEE12		Hybrid/EV coolant temperature sensor circuit shorted to voltage	Onboard Charging → PEU
P0CEE1C		Hybrid/EV electronics coolant temperature sensor circuit voltage out of range	Onboard Charging → PEU
P0CF312		Control pilot circuit shorted to voltage	Onboard Charging → POWER RECEPTACLE (VEHICLE INLET) DIAGNOSTICS
P0CF314		Control pilot circuit shorted to ground/open	Onboard Charging → POWER RECEPTACLE (VEHICLE INLET) DIAGNOSTICS
P0CF31C		Control pilot circuit voltage out of range	Onboard Charging → POWER RECEPTACLE (VEHICLE INLET) DIAGNOSTICS
P0CF32A		Control pilot circuit signal stuck	Onboard Charging → POWER RECEPTACLE (VEHICLE INLET) DIAGNOSTICS
P0D0772		Battery charging system positive contactor actuator stuck open	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0D0773		Battery charging system positive contactor actuator stuck closed	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0D0794		Battery charging system positive contactor unexpected operation	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0D0A13		Battery charging system positive contactor circuit open	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS

DTC	PRIORITY ORDER	FAULT CONDITION	SOLUTION
P0D0E72		Battery charging system negative contactor actuator stuck open	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0D0E73		Battery charging system negative contactor actuator stuck closed	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0D0E94		Battery charging system negative contactor unexpected operation	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0D1113		Battery charging system negative contactor circuit open	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0D2011		Battery charger output performance circuit shorted to ground	Onboard Charging → PEU
P0D2012		Battery charger output performance circuit shorted to voltage	Onboard Charging → PEU
P0D2016		Battery charger output circuit voltage below threshold	Onboard Charging → PEU
P0D2017		Battery charger output circuit voltage above threshold	Onboard Charging → PEU
P0D201C		Battery charger output performance circuit voltage out of range	Onboard Charging → PEU
P0D202A		Battery charger output signal stuck	Onboard Charging → PEU
P0D2212		Battery charger output circuit shorted to voltage	Onboard Charging → PEU
P0D2214		Battery charger output circuit shorted to ground/open	Onboard Charging → PEU
P0D2218		Battery charger output current performance circuit current below threshold	Onboard Charging → POWER RECEPTACLE (VEHICLE INLET) DIAGNOSTICS
P0D2219		Battery charger output current performance circuit current above threshold	Onboard Charging → POWER RECEPTACLE (VEHICLE INLET) DIAGNOSTICS
P0D221D		Battery charger output circuit current out of range	Onboard Charging → PEU
P0D222A		Battery charger output circuit current signal stuck	
P0D2412		Battery charger temperature sensor "A" circuit shorted to voltage	Onboard Charging → CHARGING SYSTEM
P0D2414		Battery charger temperature sensor "A" circuit shorted to ground/open	Onboard Charging → CHARGING SYSTEM

DTC	PRIORITY ORDER	FAULT CONDITION	SOLUTION
P0D242A		Battery charger temperature sensor "A" signal stuck	
P0D2498		Battery charger temperature sensor "A" over temperature	
P0D2712		Battery charger input voltage sensor "B" circuit shorted to voltage	Onboard Charging → CHARGING SYSTEM
P0D2714		Battery charger input voltage sensor "B" circuit shorted to ground/open	Onboard Charging → CHARGING SYSTEM
P0D2716		Battery charger input voltage sensor "B" circuit voltage below threshold	Onboard Charging → POWER RECEPTACLE (VEHICLE INLET) DIAGNOSTICS
P0D2717		Battery charger input voltage sensor "B" circuit voltage above threshold	Onboard Charging → PEU
P0D271C		Battery charger input voltage sensor "B" circuit voltage out of range	Onboard Charging → PEU
P0D272A		Battery charger input voltage sensor "B" signal stuck	Onboard Charging → PEU
P0D2900		Battery charger input current too low	Onboard Charging → PEU
P0D2A00		Battery charger input current too high	Onboard Charging → PEU
P0D2D11		Drive motor inverter voltage sensor circuit shorted to ground	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0D2D15		Drive motor inverter voltage sensor circuit shorted to voltage/open	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0D2D16		Drive motor inverter voltage sensor circuit below threshold	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0D2D17		Drive motor inverter voltage sensor circuit above threshold	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0D2D85		Drive motor inverter voltage sensor signal above allowable range	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0D3300		DC/DC converter current high	Onboard Charging → PEU
P0D3811		Battery charger input current sensor circuit shorted to ground	Onboard Charging → PEU
P0D3812		Battery charger input current sensor circuit shorted to voltage	Onboard Charging → PEU
P0D3814		Battery charger input current sensor circuit shorted to ground/open	Onboard Charging → PEU

DTC	PRIORITY ORDER	FAULT CONDITION	SOLUTION
P0D381C		Battery charger input current sensor circuit voltage out of range	Onboard Charging → PEU
P0D381D		Battery charger input current sensor current out of range	Onboard Charging → PEU
P0D382A		Battery charger input current sensor signal stuck	Onboard Charging → PEU
P0D3D11		Battery charger input voltage sensor circuit shorted to ground	Onboard Charging → PEU
P0D3D12		Battery charger input voltage sensor circuit shorted to voltage	Onboard Charging → PEU
P0D3D1C		Battery charger input voltage sensor circuit voltage out of range	Onboard Charging → PEU
P0D4211		Battery charger 14 volt output voltage sensor circuit shorted to ground	Onboard Charging → PEU
P0D4212		Battery charger 14 volt output voltage sensor circuit shorted to voltage	Onboard Charging → PEU
P0D4217		Battery charger 14 volt output voltage sensor circuit voltage above threshold	Onboard Charging → PEU
P0D421C		Battery charger 14 volt output voltage sensor circuit voltage out of range	Onboard Charging → PEU
P0D4711		Battery charger 14 volt output current sensor circuit shorted to ground	Onboard Charging → PEU
P0D4712		Battery charger 14 volt output current sensor circuit shorted to voltage	Onboard Charging → PEU
P0D471C		Battery charger 14 volt output current sensor circuit voltage out of range	Onboard Charging → PEU
P0D4C11		Hybrid/EV battery charger output voltage sensor circuit shorted to ground	Onboard Charging → PEU
P0D4C12		Hybrid / EV battery charger output voltage sensor circuit shorted to voltage	Onboard Charging → PEU
P0D4C1C		Battery charger hybrid/EV battery output voltage sensor circuit voltage out of range	Onboard Charging → PEU
P0D5111		Battery charger hybrid/EV battery output current sensor circuit shorted to ground	Onboard Charging → PEU
P0D5112		Hybrid / EV battery charger output current sensor circuit shorted to voltage	Onboard Charging → PEU

DTC	PRIORITY ORDER	FAULT CONDITION	SOLUTION
P0D511C		Battery charger hybrid/EV battery output current sensor circuit voltage out of range	Onboard Charging → PEU
P0D5614		Proximity detection circuit shorted to ground/open	Onboard Charging → POWER RECEPTACLE (VEHICLE INLET) DIAGNOSTICS
P0D5612		Proximity detection circuit shorted to voltage	Onboard Charging → POWER RECEPTACLE (VEHICLE INLET) DIAGNOSTICS
P0D561C		Proximity detection circuit voltage out of range	Onboard Charging → POWER RECEPTACLE (VEHICLE INLET) DIAGNOSTICS
P0D562A		Proximity detection circuit signal stuck	Onboard Charging → POWER RECEPTACLE (VEHICLE INLET) DIAGNOSTICS
P0D5E00		Battery charger hybrid/EV system discharge time too long	Onboard Charging → PEU
P0D6700		Battery charger control module performance	Onboard Charging → PEU
P0D6719		Battery charger control module performance circuit current above threshold	Onboard Charging → PEU
P0D8012		Battery charger input voltage sensor "A" circuit shorted to voltage	Onboard Charging → PEU
P0D8014		Battery charger input voltage sensor "A" circuit shorted to ground/open	Onboard Charging → PEU
P0D8016		Battery charger input voltage sensor "A" circuit voltage below threshold	Onboard Charging → PEU
P0D8017		Battery charger input voltage sensor "A" circuit voltage above threshold	Onboard Charging → PEU
P0D801C		Battery charger input voltage sensor "A" circuit voltage out of range	Onboard Charging → PEU
P0D802A		Battery charger input voltage sensor "A" signal stuck	Onboard Charging → PEU
P0D9000		Battery charger input frequency incorrect	Onboard Charging → PEU
P0DA800		Hybrid/EV battery voltage/drive motor inverter voltage correlation	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0DAB00		Hybrid/EV battery cell balancing performance error	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0DAC01		Hybrid/EV battery cell balancing general electrical failure	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0DB001		Hybrid/EV battery cell balancing general	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT

DTC	PRIORITY ORDER	FAULT CONDITION	SOLUTION
		electrical failure	DIAGNOSTICS
P0DB401		Hybrid/EV battery cell balancing general electrical failure	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0DB801		Hybrid/EV battery cell balancing general electrical failure	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0DBC01		Hybrid/EV battery cell balancing general electrical failure	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0DE602		Hybrid/EV battery cell voltage low general signal failure	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0DE6FE		Hybrid/EV battery cell voltage low	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0DE702		Hybrid/EV battery cell voltage high general signal failure	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0DE7FF		Hybrid/EV battery cell voltage high	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0E2F00		High voltage fuse "B" (OBC fuse)	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0E3111		DC/DC converter voltage sensor "A" circuit shorted to ground	Onboard Charging → PEU
P0E3112		DC/DC converter voltage sensor "A" circuit shorted to voltage	Onboard Charging → PEU
P0E311C		DC/DC converter voltage sensor "A" circuit voltage out of range	Onboard Charging → PEU
P0E3162		DC/DC converter voltage sensor "A" compare failure	Onboard Charging → PEU
P0E3662		DC/DC converter voltage sensor "B" compare failure	Onboard Charging → PEU
P0E4411		Hybrid/EV battery pack voltage sense circuit shorted to ground	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0E4412		Hybrid/EV battery pack voltage sense circuit shorted to voltage	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0E441C		Hybrid/EV battery pack voltage sense circuit voltage out of range	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0E5111		DC/DC converter current sensor circuit shorted to ground	Onboard Charging → PEU

DTC	PRIORITY ORDER	FAULT CONDITION	SOLUTION
P0E5112		DC/DC converter current sensor circuit shorted to voltage	Onboard Charging → PEU
P0E511C		DC/DC converter current sensor circuit voltage out of range	Onboard Charging → PEU
P0E5616		DC/DC converter input voltage	Onboard Charging → PEU
P0E5617		DC/DC converter input voltage circuit voltage above threshold	Onboard Charging → PEU
P0E5811		DC/DC converter temperature sensor circuit shorted to ground	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0E5812		DC/DC converter temperature sensor circuit shorted to voltage	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0E581C		DC/DC converter temperature sensor circuit voltage out of range	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0E7236		Control pilot signal frequency signal frequency too low	Onboard Charging → POWER RECEPTACLE (VEHICLE INLET) DIAGNOSTICS
P0E7237		Control pilot signal frequency signal frequency too high	Onboard Charging → POWER RECEPTACLE (VEHICLE INLET) DIAGNOSTICS
P0E7400		Hybrid/EV battery voltage internal isolation fault	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0E8512		Battery charger temperature sensor "B" circuit shorted to voltage	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0E8514		Battery charger temperature sensor "B" circuit shorted to ground/open	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0E852A		Battery charger temperature sensor "B" signal stuck	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0E8598		Battery charger temperature sensor "B" over temperature	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P0EED01		Hybrid/EV battery system discharge circuit failure	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P0EED92		Hybrid/EV battery system discharge circuit performance error	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P100900		VTD disabled fuel due to bad password	ELECTRIC POWERTRAIN → DTC P063000, P100900
P110000		EHCUC indicates torque control fault	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P150111		JSS circuit shorted to ground	ELECTRIC POWERTRAIN → JSS DIAGNOSTICS

DTC	PRIORITY ORDER	FAULT CONDITION	SOLUTION
P150112		JSS circuit shorted to voltage	ELECTRIC POWERTRAIN → JSS DIAGNOSTICS
P15011F		JSS circuit intermittent	ELECTRIC POWERTRAIN → JSS DIAGNOSTICS
P163200		Odometer learned up	Instruments → IM INOPERATIVE DIAGNOSTICS
P168011		Hybrid/EV battery pack cooling fan circuit shorted to ground	Accessories, Horn, Lighting and Security → COOLING FAN DIAGNOSTICS
P168015		Hybrid/EV battery pack cooling fan circuit shorted to voltage/open	Accessories, Horn, Lighting and Security → COOLING FAN DIAGNOSTICS
P168019		Hybrid/EV battery pack cooling fan circuit overloaded	Accessories, Horn, Lighting and Security → COOLING FAN DIAGNOSTICS
P1A0084		Traction power limit exceeded signal below allowable range	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P1A0085		Regen power limit exceeded signal above allowable range.	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P1A0384		Regen power limit exceeded signal below allowable range.	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P1A0385		Regen power limit exceeded signal above allowable range.	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P1A2A11		Drive motor backup temperature sensor circuit shorted to ground	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P1A2A13		Drive motor backup temperature sensor circuit open	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P1A2A15		Drive motor backup temperature sensor circuit shorted high/open	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P1D3011		Battery charger DC link voltage drive motor circuit shorted to ground	Onboard Charging → PEU
P1D3012		Battery charger DC link voltage circuit shorted to voltage	Onboard Charging → PEU
P1D3116		DC link voltage rationality fault circuit voltage below threshold	Onboard Charging → PEU
P1D3117		DC link voltage rationality fault circuit voltage above threshold	Onboard Charging → PEU
P1D3201		Battery charger DAB phase current general electrical failure	Onboard Charging → PEU
P1D3300		12V battery failure	Onboard Charging → PEU

DTC	PRIORITY ORDER	FAULT CONDITION	SOLUTION
P1D3301		12V battery discharging	ELECTRIC POWERTRAIN → CURRENT SENSOR DIAGNOSTICS
P1D3313		12V battery disconnected	ELECTRIC POWERTRAIN → CURRENT SENSOR DIAGNOSTICS
P1D33FF		12V battery discharging critical	ELECTRIC POWERTRAIN → CURRENT SENSOR DIAGNOSTICS
P1D3400		Battery Charger gate driver fault	Onboard Charging → PEU
P1D3416		Battery charger gate driver fault circuit voltage below threshold	Onboard Charging → PEU
P1D3492		Battery charger gate driver fault performance or incorrect operation	Onboard Charging → PEU
P1D3516		DC/DC gate drive bias voltage circuit voltage below threshold	Onboard Charging → PEU
P1D3517		DC/DC gate drive bias voltage circuit voltage above threshold	Onboard Charging → PEU
P1D3800		AC boost converter initialization fault	Onboard Charging → PEU
P1D3900		AC phase current symmetry fault	Onboard Charging → PEU
P1D3A00		AC cable disconnected	Onboard Charging → PEU
P213562		TGS correlation error	Refer to ELECTRIC POWERTRAIN → CORRELATION ERROR DIAGNOSTICS.
P254429		Torque management request input signal invalid	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P254829		Torque management request input signal invalid	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P2B2000		Hybrid/EV electronics coolant temperature sensor "B"	Onboard Charging → PEU
P2B2011		Hybrid/EV electronics coolant temperature sensor circuit shorted to ground	Onboard Charging → PEU
P2B2012		Hybrid / EV coolant temperature sensor circuit shorted to voltage	Onboard Charging → PEU
P2B201C		Hybrid/EV electronics coolant temperature sensor circuit voltage out of range	Onboard Charging → PEU
P2B8618		Coolant pump overspeed/air in system	Accessories, Horn, Lighting and Security → COOLING PUMP DIAGNOSTICS

DTC	PRIORITY ORDER	FAULT CONDITION	SOLUTION
P2B9C19		Coolant pump stuck/stalled	Accessories, Horn, Lighting and Security → COOLING PUMP DIAGNOSTICS
P2C7292		Hybrid/EV electronics cooling system performance or incorrect operation	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P2E1A00		Drive motor inverter voltage sensor correlation	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
P3001FF		Hybrid/EV battery discharge power limit	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P300512		Switched power supply voltage circuit shorted to voltage	Onboard Charging → BATTERY AND SYSTEM VOLTAGE DIAGNOSTICS
P300514		Switched power supply voltage circuit shorted to ground/open	Onboard Charging → BATTERY AND SYSTEM VOLTAGE DIAGNOSTICS
P300516		Switched power supply voltage circuit voltage below threshold	Onboard Charging → BATTERY AND SYSTEM VOLTAGE DIAGNOSTICS
P300517		Switched power supply voltage circuit voltage above threshold	Onboard Charging → BATTERY AND SYSTEM VOLTAGE DIAGNOSTICS
P30052A		Switched power supply voltage circuit signal stuck	Onboard Charging → BATTERY AND SYSTEM VOLTAGE DIAGNOSTICS
P300564		Switched power supply voltage plausibility failure	Onboard Charging → BATTERY AND SYSTEM VOLTAGE DIAGNOSTICS
P3005FE		Switched power supply voltage	Onboard Charging → BATTERY AND SYSTEM VOLTAGE DIAGNOSTICS
P3005FF		Switched power supply voltage	Onboard Charging → BATTERY AND SYSTEM VOLTAGE DIAGNOSTICS
P300800		Hybrid/EV battery voltage external isolation fault	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P300A01		Hybrid/EV battery pack sensor module general electrical failure	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P300B01		Hybrid/EV battery pack sensor module general electrical failure	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P300C01		Hybrid/EV battery pack sensor module general electrical failure	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P300D01		Hybrid/EV battery pack sensor module general electrical failure	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P300E01		Hybrid/EV battery pack sensor module general electrical failure	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS

DTC	PRIORITY ORDER	FAULT CONDITION	SOLUTION
P30101C		Hybrid/EV battery charging bus voltage circuit voltage out of range	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P301111		Hybrid/EV battery contactor control circuit shorted to ground	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P301112		Hybrid/EV Battery contactor control circuit shorted to voltage	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P301200		Replace hybrid/EV battery disconnect unit	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P301400		Hybrid/EV battery precharge contactor over temperature	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P301501		Hybrid/EV battery contactor control general electrical failure	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
P301600		Replace hybrid/EV battery disconnect unit fast charging contactor damage	ELECTRIC POWERTRAIN → RESS INTERNAL FAULT DIAGNOSTICS
U000100		CAN bus error	Serial Data → ODOMETER SELF-DIAGNOSTIC INOPERATIVE: DTC U000100, U000200, U001100, B227400
U000200		CAN comm bus perf error	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U000300		ABS/EHCU internal fault	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U002888		CAN bus error, primary	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U003788		CAN bus error, secondary	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U007300		CAN bus error	Serial Data → ODOMETER SELF-DIAGNOSTIC INOPERATIVE: DTC U000100, U000200, U001100, B227400
U010000		Lost communication with PEU/VSC	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U012100		Lost communication with EHCU	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U012500		Lost communication with IMU	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U012581		Lost communication with IMU	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS

DTC	PRIORITY ORDER	FAULT CONDITION	SOLUTION
U0125F0		Lost communication with IMU	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U0125F1		Lost communication with IMU	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U0125F2		Lost communication with IMU	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U014000		Lost communication with BCM	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U014081		Lost communication with BCM	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U014100		Lost communication with LHCM	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U014181		Lost communication with LHCM	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U014200		Lost communication with RHCM	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U014262		Lost communication with RHCM	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U014281		Lost communication with RHCM	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U015600		Lost communication with inst 1	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U015681		Lost communication with inst 1	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U016181		IOT failure	ELECTRIC POWERTRAIN → TELEMATICS CONTROL UNIT DIAGNOSTICS
U016187		IOT failure	ELECTRIC POWERTRAIN → TELEMATICS CONTROL UNIT DIAGNOSTICS
U016189		IOT failure	ELECTRIC POWERTRAIN → TELEMATICS CONTROL UNIT DIAGNOSTICS
U016A00		TCU internal fault	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U016A02		TCU internal fault	ELECTRIC POWERTRAIN → TELEMATICS CONTROL UNIT DIAGNOSTICS
U016A52		TCU internal fault	ELECTRIC POWERTRAIN → TELEMATICS CONTROL UNIT DIAGNOSTICS

DTC	PRIORITY ORDER	FAULT CONDITION	SOLUTION
U019800		Lost communication with TCU	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U019B00		Lost communication with PEU/OBC	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U01A000		Lost communication with battery modules redundant path	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U01A100		Lost communication with battery module "A"	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U01A200		Lost communication with battery module "B"	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U01A300		Lost communication with battery module "C"	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U01A400		Lost communication with battery module "D"	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U01A500		Lost communication with battery module "E"	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U01B000		Lost communication with battery modules	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U029300		Lost communication with PEU/OBC	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U029381		Lost communication with PEU	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U029A00		Lost communication with RESS	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U030000		Module software incompatibility	Serial Data → ODOMETER SELF-DIAGNOSTIC INOPERATIVE: DTC U000100, U000200, U001100, B227400
U030042		Module software incompatibility	Serial Data → ODOMETER SELF-DIAGNOSTIC INOPERATIVE: DTC U000100, U000200, U001100, B227400
U031100		Software incompatibility with VSC	ELECTRIC POWERTRAIN → PEU INTERNAL FAULT DIAGNOSTICS
U040000		Invalid data received	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U040100		Invalid data from ECM/VSC	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS

DTC	PRIORITY ORDER	FAULT CONDITION	SOLUTION
U040164		Invalid data from PEU/VSC	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U040167		Invalid data from PEU/VSC	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U040181		Invalid data from PEU/VSC	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U04018F		Invalid data from PEU/VSC	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U041181		Invalid data from VSC	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U041182		Invalid data from VSC	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U041183		Invalid data from VSC	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U041564		Invalid data from ABS EHCU	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U041567		Invalid data from ABS EHCU	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U041581		Invalid data from ABS EHCU	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U041582		Invalid data from ABS EHCU	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U041583		Invalid data from ABS EHCU	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U04158F		Invalid data from ABS/EHCU	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U042264		Invalid data from BCM	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U042267		Invalid data from BCM	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U042281		Invalid data from BCM	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U042282		Invalid data from BCM	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U042283		Invalid data from BCM	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS

DTC	PRIORITY ORDER	FAULT CONDITION	SOLUTION
U04228F		Invalid data from BCM	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U042300		Invalid data from IM	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U043100		Invalid data from LHCM	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U043164		Invalid data from LHCM	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U043167		Invalid data from LHCM	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U043181		Invalid data from LHCM	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U043182		Invalid data from LHCM	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U043183		Invalid data from LHCM	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U043187		Invalid data from LHCM	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U04318F		Invalid data from LHCM	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U043200		Invalid data from IMU	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U043264		Invalid data from IMU	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U043267		Invalid data from IMU	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U043281		Invalid data from IMU	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U043282		Invalid data from IMU	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U043283		Invalid data from IMU	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U04328F		Invalid data from IMU	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U0432F0		Invalid data from IMU	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS

DTC	PRIORITY ORDER	FAULT CONDITION	SOLUTION
U0432F1		Invalid data from IMU	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U0432F2		Invalid data from IMU	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U044300		Invalid data from RHCM	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U044364		Invalid data from RHCM	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U044367		Invalid data from RHCM	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U044381		Invalid data from RHCM	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U044382		Invalid data from RHCM	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U044383		Invalid data from RHCM	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U044387		Invalid data from RHCM	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U04438F		Invalid data from RHCM	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U045767		Invalid data from inst 1	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U045781		Invalid data from inst 1	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U045782		Invalid data from inst 1	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U045783		Invalid data from inst 1	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U04578F		Invalid data from inst 1	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U049C00		Invalid data from OBC	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U049C67		Invalid data from PEU/OBC	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U049C81		Invalid data from PEU/OBC	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS

DTC	PRIORITY ORDER	FAULT CONDITION	SOLUTION
U049C82		Invalid data from PEU/OBC	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U049C83		Invalid data from PEU/OBC	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U049C8F		Invalid data from PEU/OBC	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U059464		Invalid data from PEU	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U059467		Invalid data from PEU/VSC	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U059481		Invalid data from PEU/VSC	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U059482		Invalid data from PEU/VSC	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U059483		Invalid data from PEU/VSC	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U05948F		Invalid data from PEU/VSC	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U059B67		Invalid data from RESS	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U059B81		Invalid data from RESS	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U059B82		Invalid data from RESS	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U059B83		Invalid data from RESS	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U059B8F		Invalid data from RESS	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U100000		IMU vehicle learn failure	ABS → IMU DIAGNOSTICS
U119000		TCU internal fault	ELECTRIC POWERTRAIN → TELEMATICS CONTROL UNIT DIAGNOSTICS
U119100		TCU certificate error	ELECTRIC POWERTRAIN → TELEMATICS CONTROL UNIT DIAGNOSTICS
U119105		TCU certificate error	ELECTRIC POWERTRAIN → TELEMATICS CONTROL UNIT DIAGNOSTICS

DTC	PRIORITY ORDER	FAULT CONDITION	SOLUTION
U119157		TCU certificate error	ELECTRIC POWERTRAIN → TELEMATICS CONTROL UNIT DIAGNOSTICS
U130500		Software incompatibility with inst 1	ABS → INTERNAL FAULT DIAGNOSTICS
U142100		Invalid TIP signal	Accessories, Horn, Lighting and Security → Turn Signals
U143181		Invalid data from lighting switch	Accessories, Horn, Lighting and Security → Turn Signals
U300100		RESS internal fault	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U301200		IMU internal fault	ABS → IMU DIAGNOSTICS
U301700		IMU internal fault	ABS → IMU DIAGNOSTICS
U351000		Module calibration error	ABS → IMU DIAGNOSTICS
U350013		12 V power input circuit open	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U350016		12 V power input circuit voltage below threshold	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U350017		12 V power input circuit voltage above threshold	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U350413		System power input circuit open	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U350416		System power input circuit voltage below threshold	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U350417		System power input circuit voltage above threshold	Serial Data → NO VEHICLE POWER OR LOST COMMUNICATION DTCS
U351000		Module calibration error	ABS → INVALID VIN DIAGNOSTICS