A: LIST

1. HYBRID POWERTRAIN CONTROL SYSTEM

DTC	Item	Note
P0506	Idle Air Control System RPM Lower Than Expected	<ref. (dtc).="" air="" code="" control="" diagnostic="" dtc="" expected,="" hev(diag)-94,="" idle="" lower="" p0506="" procedure="" rpm="" system="" than="" to="" trouble="" with=""></ref.>
P0507	Idle Air Control System RPM Higher Than Expected	<ref. (dtc).="" air="" code="" control="" diagnostic="" dtc="" expected,="" hev(diag)-95,="" higher="" idle="" p0507="" procedure="" rpm="" system="" than="" to="" trouble="" with=""></ref.>
P0516	Battery Temperature Sensor Circuit Low	<ref. battery="" dtc="" hev(diag)-96,="" p0516="" sen-<br="" temperature="" to="">SOR CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0517	Battery Temperature Sensor Circuit High	<ref. battery="" dtc="" hev(diag)-98,="" p0517="" sen-<br="" temperature="" to="">SOR CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0556	Brake Booster Pressure Sensor Circuit Range/Performance	<ref. (dtc).="" booster="" brake="" circuit="" code="" diagnostic="" dtc="" hev(diag)-100,="" p0556="" performance,="" pressure="" procedure="" range="" sensor="" to="" trouble="" with=""></ref.>
P0572	Brake Switch "A" [Stop Lamp Switch] Circuit Low	<ref. "a"="" (dtc).="" [stop="" brake="" circuit="" code="" diagnostic="" dtc="" hev(diag)-103,="" lamp="" low,="" p0572="" procedure="" switch="" switch]="" to="" trouble="" with=""></ref.>
P0573	Brake Switch "A" [Stop Lamp Switch] Circuit High	<ref. "a"="" (dtc).="" [stop="" brake="" circuit="" code="" diagnostic="" dtc="" hev(diag)-104,="" high,="" lamp="" p0573="" procedure="" switch="" switch]="" to="" trouble="" with=""></ref.>
P057B	Brake Pedal Position Sensor Circuit Range/Performance	<ref. (dtc).="" brake="" circuit="" code="" diagnostic="" dtc="" hev(diag)-105,="" p057b="" pedal="" performance,="" position="" procedure="" range="" sensor="" to="" trouble="" with=""></ref.>
P057C	Brake Pedal Position Sensor Circuit Low	<ref. (dtc).="" brake="" circuit="" code="" diagnostic="" dtc="" hev(diag)-107,="" low,="" p057c="" pedal="" position="" procedure="" sensor="" to="" trouble="" with=""></ref.>
P057D	Brake Pedal Position Sensor Circuit High	<ref. brake="" dtc="" hev(diag)-109,="" p057d="" pedal="" position<br="" to="">SENSOR CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P058D	Battery Monitor Module Voltage Monitor- ing Performance	<ref. (dtc).="" battery="" code="" diagnostic="" dtc="" hev(diag)-111,="" module="" monitor="" monitoring="" p058d="" performance,="" procedure="" to="" trouble="" voltage="" with=""></ref.>
P05DD	Brake Pedal Position Sensor "B" Circuit Low	<ref. "b"="" (dtc).="" brake="" circuit="" code="" diagnostic="" dtc="" hev(diag)-113,="" low,="" p05dd="" pedal="" position="" procedure="" sensor="" to="" trouble="" with=""></ref.>
P05DE	Brake Pedal Position Sensor "B" Circuit High	<ref. "b"="" (dtc).="" ,="" brake="" circuit="" code="" diagnostic="" dtc="" hev(diag)-115,="" high="" p05de="" pedal="" position="" procedure="" sensor="" to="" trouble="" with=""></ref.>
P0604	Internal Control Module Random Access Memory (RAM) Error	<ref. (dtc).="" (ram)="" access="" code="" control="" diagnostic="" dtc="" error,="" hev(diag)-117,="" hybrid="" internal="" memory="" module="" p0604="" powertrain="" procedure="" random="" system,="" to="" trouble="" with=""></ref.>
P0605	Internal Control Module Read Only Memory (ROM) Error	<ref. (dtc).="" (rom)="" code="" control="" diagnostic="" dtc="" error,="" hev(diag)-120,="" hybrid="" internal="" memory="" module="" only="" p0605="" powertrain="" procedure="" read="" system,="" to="" trouble="" with=""></ref.>
P0620	Generator Control Circuit	<ref. cir-<br="" control="" dtc="" generator="" hev(diag)-123,="" p0620="" to="">CUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P065A	Generator System Performance	Ref. to HEV(diag)-125, DTC P065A GENERATOR SYSTEM PER-FORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

DTC	Item	Note
P06EF	Engine Restart Performance	<ref. (dtc).="" code="" diagnostic="" dtc="" engine="" hev(diag)-128,="" p06ef="" perfor-mance,="" procedure="" restart="" to="" trouble="" with=""></ref.>
P0719	Brake Switch "B" Circuit Low	<ref. "b"="" (dtc).="" brake="" circuit="" code="" diagnostic="" dtc="" hev(diag)-130,="" low,="" p0719="" procedure="" switch="" to="" trouble="" with=""></ref.>
P0724	Brake Switch "B" Circuit High	<ref. "b"="" (dtc).="" brake="" circuit="" code="" diagnostic="" dtc="" hev(diag)-131,="" high,="" p0724="" procedure="" switch="" to="" trouble="" with=""></ref.>
P0A1D	Hybrid Powertrain Control Module	<ref. (dtc).="" code="" control="" diagnostic="" dtc="" hev(diag)-132,="" hybrid="" module,="" p0a1d="" powertrain="" procedure="" to="" trouble="" with=""></ref.>
P1C00	Battery "2" Monitor Module Performance	<ref. "2"="" battery="" dtc="" hev(diag)-133,="" mod-<br="" monitor="" p1c00="" to="">ULE PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1C04	Output Clutch Linear Solenoid Control Circuit Low	<ref. (dtc).="" circuit="" clutch="" code="" control="" diagnostic="" dtc="" hev(diag)-134,="" linear="" low,="" output="" p1c04="" procedure="" solenoid="" to="" trouble="" with=""></ref.>
P1C05	Output Clutch Linear Solenoid Control Circuit High	<ref. (dtc).="" circuit="" clutch="" code="" control="" diagnostic="" dtc="" hev(diag)-136,="" high,="" linear="" output="" p1c05="" procedure="" solenoid="" to="" trouble="" with=""></ref.>
P1C06	12V Battery Relay Close Circuit Performance	<ref. (dtc).="" 12v="" battery="" circuit="" close="" code="" diagnostic="" dtc="" hev(diag)-138,="" p1c06="" performance,="" procedure="" relay="" to="" trouble="" with=""></ref.>
P1C07	12V Battery Relay Open Circuit Performance	<ref. (dtc).="" 12v="" battery="" circuit="" code="" diagnostic="" dtc="" hev(diag)-140,="" open="" p1c07="" performance,="" procedure="" relay="" to="" trouble="" with=""></ref.>
P1C08	12V Battery Relay Performance or Stuck Off	<ref. (dtc).="" 12v="" battery="" code="" diagnostic="" dtc="" hev(diag)-142,="" off,="" or="" p1c08="" per-formance="" procedure="" relay="" stuck="" to="" trouble="" with=""></ref.>
P1C09	12V Battery Relay Performance or Stuck On	<ref. (dtc).="" 12v="" battery="" code="" diagnostic="" dtc="" hev(diag)-144,="" on,="" or="" p1c09="" per-formance="" procedure="" relay="" stuck="" to="" trouble="" with=""></ref.>
P1C10	Vacuum Pump Performance	<ref. (dtc).="" code="" diagnostic="" dtc="" hev(diag)-145,="" p1c10="" perfor-mance,="" procedure="" pump="" to="" trouble="" vacuum="" with=""></ref.>
P1C11	Vacuum Pump Supply Voltage Low	<ref. (dtc).="" code="" diagnostic="" dtc="" hev(diag)-146,="" low,="" p1c11="" procedure="" pump="" supply="" to="" trouble="" vacuum="" voltage="" with=""></ref.>
P1C12	Vacuum Pump Supply Voltage High	<ref. (dtc).="" code="" diagnostic="" dtc="" hev(diag)-148,="" high,="" p1c12="" procedure="" pump="" supply="" to="" trouble="" vacuum="" voltage="" with=""></ref.>
P1C14	Generator Performance	<ref. (dtc).="" code="" diagnostic="" dtc="" generator="" hev(diag)-150,="" p1c14="" perfor-mance,="" procedure="" to="" trouble="" with=""></ref.>
P1C16	Idle Control System RPM Lower Than Expected(HPCM)	<ref. (dtc).="" code="" control="" diagnostic="" dtc="" expected(hpcm),="" hev(diag)-151,="" idle="" lower="" p1c16="" procedure="" rpm="" system="" than="" to="" trouble="" with=""></ref.>
P1C17	Idle Control System RPM Higher Than Expected(HPCM)	<ref. (dtc).="" code="" control="" diagnostic="" dtc="" expected(hpcm),="" hev(diag)-151,="" higher="" idle="" p1c17="" procedure="" rpm="" system="" than="" to="" trouble="" with=""></ref.>
P1C18	Generator System "B" Performance	<ref. "b"="" (dtc).="" code="" diagnostic="" dtc="" generator="" hev(diag)-152,="" p1c18="" performance,="" procedure="" system="" to="" trouble="" with=""></ref.>
P1C1E	Autodisconnect Experience	<ref. (dtc).="" autodisconnect="" code="" diagnostic="" dtc="" experience,="" hev(diag)-154,="" p1c1e="" procedure="" to="" trouble="" with=""></ref.>
P2158	Vehicle Speed Sensor "B"	<ref. "b",="" (dtc).="" code="" diagnostic="" dtc="" hev(diag)-154,="" p2158="" procedure="" sensor="" speed="" to="" trouble="" vehicle="" with=""></ref.>
U0073	Control Module Communication Bus Off	<ref. (dtc).="" bus="" code="" communication="" control="" diagnostic="" dtc="" hev(diag)-327,="" module="" off,="" procedure="" to="" trouble="" u0073="" with=""></ref.>

DTC	Item	Note
U0075	Control Module Communication Bus "PU-CAN" Off	<ref. "pu-can"="" (dtc).="" bus="" code="" communication="" control="" diagnostic="" dtc="" hev(diag)-328,="" module="" off,="" procedure="" to="" trouble="" u0075="" with=""></ref.>
U0076	Control Module Communication Bus "HEV-CAN" Off	<ref. "hev-can"="" (dtc).="" bus="" code="" communication="" control="" diagnostic="" dtc="" hev(diag)-328,="" module="" off,="" procedure="" to="" trouble="" u0076="" with=""></ref.>
U0100	Lost Communication With ECM/PCM "A"	<ref. "a",="" (dtc).="" code="" communication="" diagnostic="" dtc="" ecm="" hev(diag)-328,="" lost="" pcm="" procedure="" to="" trouble="" u0100="" with=""></ref.>
U0101	Lost Communication With TCM	<ref. (dtc).="" code="" communication="" diagnostic="" dtc="" hev(diag)-328,="" lost="" procedure="" tcm,="" to="" trouble="" u0101="" with=""></ref.>
U0110	Lost Communication With Drive Motor Control Module "A"	<ref. "a",="" (dtc).="" code="" communication="" control="" diagnostic="" drive="" dtc="" hev(diag)-329,="" lost="" module="" motor="" procedure="" to="" trouble="" u0110="" with=""></ref.>
U0111	Lost Communication With Battery Energy Control Module	<ref. (dtc).="" battery="" code="" communication="" control="" diagnostic="" dtc="" energy="" lan(hev)(diag)-137,="" lost="" module,="" procedure="" to="" trouble="" u0111="" with=""></ref.>
U0122	Lost Communication With Vehicle Dynamics Control Module	<ref. (dtc).="" code="" communication="" control="" diagnostic="" dtc="" dynamics="" hev(diag)-329,="" lost="" module,="" procedure="" to="" trouble="" u0122="" vehicle="" with=""></ref.>
U0131	Lost Communication With Power Steering Control Module	<ref. (dtc).="" code="" communication="" control="" diagnostic="" dtc="" hev(diag)-329,="" lost="" module,="" power="" procedure="" steering="" to="" trouble="" u0131="" with=""></ref.>
U0140	Lost Communication With Body Control Module	<ref. (dtc).="" body="" code="" communication="" control="" diagnostic="" dtc="" hev(diag)-330,="" lost="" module,="" procedure="" to="" trouble="" u0140="" with=""></ref.>
U0151	Lost Communication With Restraints Control Module	<ref. (dtc).="" code="" communication="" control="" diagnostic="" dtc="" hev(diag)-330,="" lost="" module,="" procedure="" restraints="" to="" trouble="" u0151="" with=""></ref.>
U0155	Lost Communication With Instrument Panel Cluster (IPC) Control Module	<ref. (dtc).="" (ipc)="" cluster="" code="" communication="" control="" diagnostic="" dtc="" hev(diag)-330,="" instrument="" lost="" module,="" panel="" procedure="" to="" trouble="" u0155="" with=""></ref.>
U0164	Lost Communication With HVAC Control Module	<ref. (dtc).="" code="" communication="" control="" diagnostic="" dtc="" hev(diag)-330,="" hvac="" lost="" module,="" procedure="" to="" trouble="" u0164="" with=""></ref.>
U0287	Lost Communication With Transmission Fluid Pump Module	<ref. (dtc).="" code="" communication="" diagnostic="" dtc="" fluid="" hev(diag)-330,="" lost="" module,="" procedure="" pump="" to="" transmission="" trouble="" u0287="" with=""></ref.>
U0401	Invalid Data Received From ECM/PCM "A"	<ref. "a",="" (dtc).="" code="" data="" diagnostic="" dtc="" ecm="" from="" hev(diag)-331,="" invalid="" pcm="" procedure="" received="" to="" trouble="" u0401="" with=""></ref.>
U0402	Invalid Data Received From TCM	<ref. (dtc).="" code="" data="" diagnostic="" dtc="" from="" hev(diag)-331,="" invalid="" procedure="" received="" tcm,="" to="" trouble="" u0402="" with=""></ref.>
U0411	Invalid Data Received From Drive Motor Control Module "A"	<ref. "a",="" (dtc).="" code="" control="" data="" diagnostic="" drive="" dtc="" from="" hev(diag)-331,="" invalid="" module="" motor="" procedure="" received="" to="" trouble="" u0411="" with=""></ref.>
U0412	Invalid Data Received From Battery Energy Control Module	<ref. (dtc).="" battery="" code="" control="" data="" diagnostic="" dtc="" energy="" from="" hev(diag)-331,="" invalid="" module,="" procedure="" received="" to="" trouble="" u0412="" with=""></ref.>
U0416	Invalid Data Received From Vehicle Dynamics Control Module	<ref. (dtc).="" code="" control="" data="" diagnostic="" dtc="" dynamics="" from="" hev(diag)-332,="" invalid="" module,="" procedure="" received="" to="" trouble="" u0416="" vehicle="" with=""></ref.>
U0420	Invalid Data Received From Power Steering Control Module	<ref. (dtc).="" code="" control="" data="" diagnostic="" dtc="" from="" hev(diag)-332,="" invalid="" module,="" power="" procedure="" received="" steering="" to="" trouble="" u0420="" with=""></ref.>

DTC	Item	Note
U0422	Invalid Data Received From Body Control Module	<ref. (dtc).="" body="" code="" control="" data="" diagnostic="" dtc="" from="" hev(diag)-332,="" invalid="" module,="" procedure="" received="" to="" trouble="" u0422="" with=""></ref.>
U0423	Invalid Data Received From Instrument Panel Cluster Control Module	<ref. (dtc).="" cluster="" code="" control="" data="" diagnostic="" dtc="" from="" hev(diag)-332,="" instrument="" invalid="" module,="" panel="" procedure="" received="" to="" trouble="" u0423="" with=""></ref.>
U0424	Invalid Data Received From HVAC Control Module	<ref. (dtc).="" code="" control="" data="" diagnostic="" dtc="" from="" hev(diag)-332,="" hvac="" invalid="" module,="" procedure="" received="" to="" trouble="" u0424="" with=""></ref.>
U0452	Invalid Data Received From Restraints Control Module	<ref. (dtc).="" code="" control="" data="" diagnostic="" dtc="" from="" hev(diag)-333,="" invalid="" module,="" procedure="" received="" restraints="" to="" trouble="" u0452="" with=""></ref.>
U0588	Invalid Data Received From Transmission Fluid Pump Module	<ref. (dtc).="" code="" data="" diagnostic="" dtc="" fluid="" from="" hev(diag)-333,="" invalid="" module,="" procedure="" pump="" received="" to="" transmission="" trouble="" u0588="" with=""></ref.>
U1100	Lost Communication With ECM/PCM PU-CAN	<ref. (dtc).="" code="" communication="" diagnostic="" dtc="" ecm="" hev(diag)-333,="" lost="" pcm="" procedure="" pu-can,="" to="" trouble="" u1100="" with=""></ref.>
U1101	Lost Communication With TCM PU-CAN	<ref. (dtc).="" code="" communication="" diagnostic="" dtc="" hev(diag)-333,="" lost="" procedure="" pu-can,="" tcm="" to="" trouble="" u1101="" with=""></ref.>
U1401	Invalid Data Received From ECM/PCM PU-CAN	<ref. (dtc).="" code="" data="" diagnostic="" dtc="" ecm="" from="" hev(diag)-334,="" invalid="" pcm="" procedure="" pu-can,="" received="" to="" trouble="" u1401="" with=""></ref.>
U1402	Invalid Data Received From TCM PU-CAN	<ref. (dtc).="" code="" data="" diagnostic="" dtc="" from="" hev(diag)-334,="" invalid="" procedure="" pu-can,="" received="" tcm="" to="" trouble="" u1402="" with=""></ref.>
U1676	LIN Communication Bus Error Hybrid Powertrain Control Module	<ref. (dtc).="" bus="" code="" communication="" control="" diagnostic="" dtc="" error="" hev(diag)-335,="" hybrid="" lin="" module,="" powertrain="" procedure="" to="" trouble="" u1676="" with=""></ref.>
U1711	Lost Communication With Battery "2" Monitor Module	<ref. "2"="" (dtc).="" battery="" code="" communication="" diagnostic="" dtc="" hev(diag)-337,="" lost="" module,="" monitor="" procedure="" to="" trouble="" u1711="" with=""></ref.>
U1720	Lost Communication With Integrated Starter Generator	<ref. (dtc).="" code="" communication="" diagnostic="" dtc="" generator,="" hev(diag)-339,="" integrated="" lost="" procedure="" starter="" to="" trouble="" u1720="" with=""></ref.>

2. DRIVE MOTOR CONTROL SYSTEM

DTC	Item	Note
P0A2A	Drive Motor "A" Temperature Sensor Circuit	<ref. "a"="" drive="" dtc="" hev(diag)-155,="" motor="" p0a2a="" tempera-<br="" to="">TURE SENSOR CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0A2C	Drive Motor "A" Temperature Sensor Circuit Low	<ref. "a"="" (dtc).="" circuit="" code="" diagnostic="" drive="" dtc="" hev(diag)-159,="" low,="" motor="" p0a2c="" procedure="" sensor="" temperature="" to="" trouble="" with=""></ref.>
P0A2D	Drive Motor "A" Temperature Sensor Circuit High	<ref. "a"="" drive="" dtc="" hev(diag)-163,="" motor="" p0a2d="" tempera-<br="" to="">TURE SENSOR CIRCUIT HIGH, Diagnostic Procedure with Diagnos- tic Trouble Code (DTC).></ref.>
P0A3C	Drive Motor "A" Inverter Over Temperature	<ref. "a"="" (dtc).="" code="" diagnostic="" drive="" dtc="" hev(diag)-165,="" inverter="" motor="" over="" p0a3c="" procedure="" temperature,="" to="" trouble="" with=""></ref.>
P0A3F	Drive Motor "A" Position Sensor Circuit	<ref. "a"="" (dtc).="" circuit,="" code="" diagnostic="" drive="" dtc="" hev(diag)-166,="" motor="" p0a3f="" position="" procedure="" sensor="" to="" trouble="" with=""></ref.>
P0A40	Drive Motor "A" Position Sensor Circuit Range/Performance	<ref. "a"="" (dtc).="" circuit="" code="" diagnostic="" drive="" dtc="" hev(diag)-169,="" motor="" p0a40="" performance,="" position="" procedure="" range="" sensor="" to="" trouble="" with=""></ref.>
P0A43	Drive Motor "A" Position Sensor Circuit Intermittent	<ref. "a"="" (dtc).="" circuit="" code="" diagnostic="" drive="" dtc="" hev(diag)-170,="" intermittent,="" motor="" p0a43="" position="" procedure="" sensor="" to="" trouble="" with=""></ref.>
P0A44	Drive Motor "A" Position Sensor Circuit Overspeed	<ref. "a"="" (dtc).="" circuit="" code="" diagnostic="" drive="" dtc="" hev(diag)-174,="" motor="" overspeed,="" p0a44="" position="" procedure="" sensor="" to="" trouble="" with=""></ref.>
P0C52	Drive Motor "A" Position Sensor Circuit "A" Low	<ref. "a"="" (dtc).="" circuit="" code="" diagnostic="" drive="" dtc="" hev(diag)-177,="" low,="" motor="" p0c52="" position="" procedure="" sensor="" to="" trouble="" with=""></ref.>
P0C5C	Drive Motor "A" Position Sensor Circuit "B" Low	<ref. "a"="" "b"="" (dtc).="" circuit="" code="" diagnostic="" drive="" dtc="" hev(diag)-177,="" low,="" motor="" p0c5c="" position="" procedure="" sensor="" to="" trouble="" with=""></ref.>
P0CDC	Drive Motor "A" Position Sensor Circuit "C" Low	<ref. "a"="" "c"="" (dtc).="" circuit="" code="" diagnostic="" drive="" dtc="" hev(diag)-177,="" low,="" motor="" p0cdc="" position="" procedure="" sensor="" to="" trouble="" with=""></ref.>
P0CDD	Drive Motor "A" Position Sensor Circuit "C" High	<ref. "a"="" "c"="" (dtc).="" circuit="" code="" diagnostic="" drive="" dtc="" hev(diag)-177,="" high,="" motor="" p0cdd="" position="" procedure="" sensor="" to="" trouble="" with=""></ref.>
P0A5D	Drive Motor "A" Phase U Current	<ref. "a"="" (dtc).="" code="" current,="" diagnostic="" drive="" dtc="" hev(diag)-178,="" motor="" p0a5d="" phase="" procedure="" to="" trouble="" u="" with=""></ref.>
P0A60	Drive Motor "A" Phase V Current	<ref. "a"="" (dtc).="" code="" current,="" diagnostic="" drive="" dtc="" hev(diag)-188,="" motor="" p0a60="" phase="" procedure="" to="" trouble="" v="" with=""></ref.>
P0A63	Drive Motor "A" Phase W Current	<ref. "a"="" (dtc).="" code="" current,="" diagnostic="" drive="" dtc="" hev(diag)-198,="" motor="" p0a63="" phase="" procedure="" to="" trouble="" w="" with=""></ref.>
P0A78	Drive Motor "A" Inverter Performance	<ref. "a"="" (dtc).="" code="" diagnostic="" drive="" dtc="" hev(diag)-208,="" inverter="" motor="" p0a78="" performance,="" procedure="" to="" trouble="" with=""></ref.>
P0A82	Hybrid/Ev Battery Pack Cooling Fan 1 Performance/Stuck Off	<ref. (dtc).="" 1="" battery="" code="" cooling="" diagnostic="" dtc="" ev="" fan="" hev(diag)-219,="" hybrid="" off,="" p0a82="" pack="" performance="" procedure="" stuck="" to="" trouble="" with=""></ref.>
P0A83	Hybrid/Ev Battery Pack Cooling Fan 1 Stuck On	<ref. (dtc).="" 1="" battery="" code="" cooling="" diagnostic="" dtc="" ev="" fan="" hev(diag)-221,="" hybrid="" on,="" p0a83="" pack="" procedure="" stuck="" to="" trouble="" with=""></ref.>

DTC	Item	Note
P0A90	Drive Motor "A" Performance	<ref. "a"="" (dtc).="" code="" diagnostic="" drive="" dtc="" hev(diag)-223,="" motor="" p0a90="" perfor-mance,="" procedure="" to="" trouble="" with=""></ref.>
P0A94	DC/DC Converter Performance	<ref. (dtc).="" code="" converter="" dc="" diagnostic="" dtc="" hev(diag)-229,="" p0a94="" per-formance,="" procedure="" to="" trouble="" with=""></ref.>
P0AED	Drive Motor Inverter Temperature Sensor "A" Circuit	<ref. "a"="" (dtc).="" circuit,="" code="" diagnostic="" drive="" dtc="" hev(diag)-231,="" inverter="" motor="" p0aed="" procedure="" sensor="" temperature="" to="" trouble="" with=""></ref.>
P0AEE	Drive Motor Inverter Temperature Sensor "A" Circuit Range/Performance	<ref. "a"="" (dtc).="" circuit="" code="" diagnostic="" drive="" dtc="" hev(diag)-232,="" inverter="" motor="" p0aee="" performance,="" procedure="" range="" sensor="" temperature="" to="" trouble="" with=""></ref.>
P0AF2	Drive Motor Inverter Temperature Sensor "B" Circuit	<ref. "b"="" (dtc).="" circuit,="" code="" diagnostic="" drive="" dtc="" hev(diag)-233,="" inverter="" motor="" p0af2="" procedure="" sensor="" temperature="" to="" trouble="" with=""></ref.>
P0AF3	Drive Motor Inverter Temperature Sensor "B" Circuit Range/Performance	<ref. "b"="" (dtc).="" circuit="" code="" diagnostic="" drive="" dtc="" hev(diag)-233,="" inverter="" motor="" p0af3="" performance,="" procedure="" range="" sensor="" temperature="" to="" trouble="" with=""></ref.>
P0BD1	Drive Motor Inverter Temperature Sensor "C" Circuit	<ref. "c"="" (dtc).="" circuit,="" code="" diagnostic="" drive="" dtc="" hev(diag)-234,="" inverter="" motor="" p0bd1="" procedure="" sensor="" temperature="" to="" trouble="" with=""></ref.>
P0BD2	Drive Motor Inverter Temperature Sensor "C" Circuit Range/Performance	<ref. "c"="" (dtc).="" circuit="" code="" diagnostic="" drive="" dtc="" hev(diag)-234,="" inverter="" motor="" p0bd2="" performance,="" procedure="" range="" sensor="" temperature="" to="" trouble="" with=""></ref.>
P0BE6	Drive Motor "A" Phase U Current Sensor Circuit Range/Performance	<ref. "a"="" (dtc).="" circuit="" code="" current="" diagnostic="" drive="" dtc="" hev(diag)-235,="" motor="" p0be6="" performance,="" phase="" procedure="" range="" sensor="" to="" trouble="" u="" with=""></ref.>
P0BE7	Drive Motor "A" Phase U Current Sensor Circuit Low	<ref. "a"="" (dtc).="" circuit="" code="" current="" diagnostic="" drive="" dtc="" hev(diag)-238,="" low,="" motor="" p0be7="" phase="" procedure="" sensor="" to="" trouble="" u="" with=""></ref.>
P0BE8	Drive Motor "A" Phase U Current Sensor Circuit High	<ref. "a"="" (dtc).="" circuit="" code="" current="" diagnostic="" drive="" dtc="" hev(diag)-241,="" high,="" motor="" p0be8="" phase="" procedure="" sensor="" to="" trouble="" u="" with=""></ref.>
P0BEA	Drive Motor "A" Phase V Current Sensor Circuit Range/Performance	<ref. "a"="" (dtc).="" circuit="" code="" current="" diagnostic="" drive="" dtc="" hev(diag)-243,="" motor="" p0bea="" performance,="" phase="" procedure="" range="" sensor="" to="" trouble="" v="" with=""></ref.>
P0BEB	Drive Motor "A" Phase V Current Sensor Circuit Low	<ref. "a"="" (dtc).="" circuit="" code="" current="" diagnostic="" drive="" dtc="" hev(diag)-243,="" low,="" motor="" p0beb="" phase="" procedure="" sensor="" to="" trouble="" v="" with=""></ref.>
P0BEC	Drive Motor "A" Phase V Current Sensor Circuit High	<ref. "a"="" (dtc).="" circuit="" code="" current="" diagnostic="" drive="" dtc="" hev(diag)-243,="" high,="" motor="" p0bec="" phase="" procedure="" sensor="" to="" trouble="" v="" with=""></ref.>
P0BEE	Drive Motor "A" Phase W Current Sensor Circuit Range/Performance	<ref. "a"="" (dtc).="" circuit="" code="" current="" diagnostic="" drive="" dtc="" hev(diag)-244,="" motor="" p0bee="" performance,="" phase="" procedure="" range="" sensor="" to="" trouble="" w="" with=""></ref.>
P0BEF	Drive Motor "A" Phase W Current Sensor Circuit Low	<ref. "a"="" (dtc).="" circuit="" code="" current="" diagnostic="" drive="" dtc="" hev(diag)-244,="" low,="" motor="" p0bef="" phase="" procedure="" sensor="" to="" trouble="" w="" with=""></ref.>
P0BF0	Drive Motor "A" Phase W Current Sensor Circuit High	<ref. "a"="" (dtc).="" circuit="" code="" current="" diagnostic="" drive="" dtc="" hev(diag)-244,="" high,="" motor="" p0bf0="" phase="" procedure="" sensor="" to="" trouble="" w="" with=""></ref.>
P0BFD	Drive Motor "A" Phase U-V-W Current Sensor Correlation	<ref. "a"="" (dtc).="" code="" correlation,="" current="" diagnostic="" drive="" dtc="" hev(diag)-245,="" motor="" p0bfd="" phase="" procedure="" sensor="" to="" trouble="" u-v-w="" with=""></ref.>
P0C05	Drive Motor "A" Phase U-V-W Circuit/ Open	<ref. "a"="" (dtc).="" circuit="" code="" diagnostic="" drive="" dtc="" hev(diag)-248,="" motor="" open,="" p0c05="" phase="" procedure="" to="" trouble="" u-v-w="" with=""></ref.>

DTC	Item	Note
P0C0C	Drive Motor "A" Inverter Power Supply Circuit Low	<ref. "a"="" drive="" dtc="" hev(diag)-251,="" inverter<br="" motor="" p0c0c="" to="">POWER SUPPLY CIRCUIT LOW, Diagnostic Procedure with Diag- nostic Trouble Code (DTC).></ref.>
P0C0D	Drive Motor "A" Inverter Power Supply Circuit High	<ref. "a"="" drive="" dtc="" hev(diag)-253,="" inverter<br="" motor="" p0c0d="" to="">POWER SUPPLY CIRCUIT HIGH, Diagnostic Procedure with Diag- nostic Trouble Code (DTC).></ref.>
P0C79	Drive Motor "A" Inverter Voltage Too High	<ref. "a"="" drive="" dtc="" hev(diag)-255,="" inverter<br="" motor="" p0c79="" to="">VOLTAGE TOO HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0DA8	Hybrid/Ev Battery Voltage/Drive Motor "A" Inverter Voltage Correlation	<ref. "a"="" (dtc).="" battery="" code="" correlation,="" diagnostic="" drive="" dtc="" ev="" hev(diag)-256,="" hybrid="" inverter="" motor="" p0da8="" procedure="" to="" trouble="" volt-age="" voltage="" with=""></ref.>
P1C20	Drive Motor "A" Inverter Voltage Too Low	<ref. "a"="" (dtc).="" code="" diagnostic="" drive="" dtc="" hev(diag)-258,="" inverter="" low,="" motor="" p1c20="" procedure="" to="" too="" trouble="" voltage="" with=""></ref.>
P1C22	12V Auxiliary Battery Voltage Too Low	<ref. (dtc).="" 12v="" auxiliary="" battery="" code="" diagnostic="" dtc="" hev(diag)-261,="" low,="" p1c22="" procedure="" to="" too="" trouble="" voltage="" with=""></ref.>
P1C24	Drive Motor "B" Temperature Sensor Circuit	<ref. "b"="" drive="" dtc="" hev(diag)-263,="" motor="" p1c24="" tempera-<br="" to="">TURE SENSOR CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1C25	Drive Motor "B" Temperature Sensor Circuit Low	<ref. "b"="" drive="" dtc="" hev(diag)-263,="" motor="" p1c25="" tempera-<br="" to="">TURE SENSOR CIRCUIT LOW, Diagnostic Procedure with Diagnos- tic Trouble Code (DTC).></ref.>
P1C26	Drive Motor "B" Temperature Sensor Circuit High	<ref. "b"="" drive="" dtc="" hev(diag)-263,="" motor="" p1c26="" tempera-<br="" to="">TURE SENSOR CIRCUIT HIGH, Diagnostic Procedure with Diagnos- tic Trouble Code (DTC).></ref.>
P1C27	Drive Motor "A" and "B" Temperature Sensor Correlation	<ref. "a"="" "b"="" (dtc).="" and="" code="" correlation,="" diagnostic="" drive="" dtc="" hev(diag)-264,="" motor="" p1c27="" procedure="" sensor="" temperature="" to="" trouble="" with=""></ref.>
P1C2A	Drive Motor Inverter Circuit	<ref. (dtc).="" circuit,="" code="" diagnostic="" drive="" dtc="" hev(diag)-266,="" inverter="" motor="" p1c2a="" procedure="" to="" trouble="" with=""></ref.>
P1C30	Lost Communication With Drive Motor Inverter	<ref. (dtc).="" code="" communication="" diagnostic="" drive="" dtc="" hev(diag)-267,="" inverter,="" lost="" motor="" p1c30="" procedure="" to="" trouble="" with=""></ref.>
P1C31	Invalid Data Received From Drive Motor Inverter	<ref. (dtc).="" code="" data="" diagnostic="" drive="" dtc="" from="" hev(diag)-270,="" invalid="" inverter,="" motor="" p1c31="" procedure="" received="" to="" trouble="" with=""></ref.>
P1C34	Lost Communication With DC/DC Converter	<ref. (dtc).="" code="" communication="" converter,="" dc="" diagnostic="" dtc="" hev(diag)-272,="" lost="" p1c34="" procedure="" to="" trouble="" with=""></ref.>
P1C35	Invalid Data Received From DC/DC Converter	<ref. (dtc).="" code="" converter,="" data="" dc="" diagnostic="" dtc="" from="" hev(diag)-274,="" invalid="" p1c35="" procedure="" received="" to="" trouble="" with=""></ref.>
P0604	Internal Control Module Random Access Memory (RAM) Error	<ref. (dtc).="" (ram)="" access="" code="" control="" diagnostic="" drive="" dtc="" error,="" hev(diag)-118,="" internal="" memory="" module="" motor="" p0604="" procedure="" random="" system,="" to="" trouble="" with=""></ref.>
P0605	Internal Control Module Read Only Memory (ROM) Error	<ref. (dtc).="" (rom)="" code="" control="" diagnostic="" drive="" dtc="" error,="" hev(diag)-121,="" internal="" memory="" module="" motor="" only="" p0605="" procedure="" read="" system,="" to="" trouble="" with=""></ref.>
P0A1B	Drive Motor "A" Control Module	<ref. "a"="" (dtc).="" code="" control="" diagnostic="" drive="" dtc="" hev(diag)-276,="" module,="" motor="" p0a1b="" procedure="" to="" trouble="" with=""></ref.>

DTC	Item	Note
P06B1	Sensor Power Supply "A" Circuit Low	<ref. "a"="" (dtc).="" circuit="" code="" diagnostic="" dtc="" hev(diag)-277,="" low,="" p06b1="" power="" procedure="" sensor="" supply="" to="" trouble="" with=""></ref.>
P06B2	Sensor Power Supply "A" Circuit High	<ref. "a"="" (dtc).="" circuit="" code="" diagnostic="" dtc="" hev(diag)-279,="" high,="" p06b2="" power="" procedure="" sensor="" supply="" to="" trouble="" with=""></ref.>
U0076	Control Module Communication Bus "HEV-CAN" Off	<ref. "hev-can"="" (dtc).="" bus="" code="" communication="" control="" diagnostic="" dtc="" hev(diag)-328,="" module="" off,="" procedure="" to="" trouble="" u0076="" with=""></ref.>
U0111	Lost Communication With Battery Energy Control Module	<ref. (dtc).="" battery="" code="" communication="" control="" diagnostic="" dtc="" energy="" hev(diag)-329,="" lost="" module,="" procedure="" to="" trouble="" u0111="" with=""></ref.>
U0412	Invalid Data Received From Battery Energy Control Module	<ref. (dtc).="" battery="" code="" control="" data="" diagnostic="" dtc="" energy="" from="" hev(diag)-331,="" invalid="" module,="" procedure="" received="" to="" trouble="" u0412="" with=""></ref.>
U1290	Lost Communication With Hybrid Power- train Control Module HEV-CAN	<ref. (dtc).="" code="" communication="" control="" diagnostic="" dtc="" hev(diag)-334,="" hev-can,="" hybrid="" lost="" module="" powertrain="" procedure="" to="" trouble="" u1290="" with=""></ref.>
U1591	Invalid Data Received From Hybrid Power- train Control Module HEV-CAN	<ref. (dtc).="" code="" control="" data="" diagnostic="" dtc="" from="" hev(diag)-334,="" hev-can,="" hybrid="" invalid="" module="" powertrain="" procedure="" received="" to="" trouble="" u1591="" with=""></ref.>

3. BATTERY ENERGY CONTROL SYSTEM

DTC	Item	Note
P0604	Internal Control Module Random Access Memory (RAM) Error	<ref. (dtc).="" (ram)="" access="" battery="" code="" control="" diagnostic="" dtc="" energy="" error,="" hev(diag)-119,="" internal="" memory="" module="" p0604="" procedure="" random="" system,="" to="" trouble="" with=""></ref.>
P0605	Internal Control Module Read Only Memory (ROM) Error	<ref. (dtc).="" (rom)="" battery="" code="" control="" diagnostic="" dtc="" energy="" error,="" hev(diag)-122,="" internal="" memory="" module="" only="" p0605="" procedure="" read="" system,="" to="" trouble="" with=""></ref.>
P062F	Internal Control Module EEPROM Error	<ref. control="" dtc="" hev(diag)-281,="" internal="" mod-<br="" p062f="" to="">ULE EEPROM ERROR, Diagnostic Procedure with Diagnostic Trou- ble Code (DTC).></ref.>
P0A1F	Battery Energy Control Module	<ref. (dtc).="" battery="" code="" control="" diagnostic="" dtc="" energy="" hev(diag)-282,="" module,="" p0a1f="" procedure="" to="" trouble="" with=""></ref.>
P0A7D	Hybrid Battery Pack State of Charge Low	<ref. battery="" dtc="" hev(diag)-283,="" hybrid="" p0a7d="" pack<br="" to="">STATE OF CHARGE LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0A7E	Hybrid Battery Pack Over Temperature	<ref. (dtc).="" battery="" code="" diagnostic="" dtc="" hev(diag)-284,="" hybrid="" over="" p0a7e="" pack="" procedure="" temperature,="" to="" trouble="" with=""></ref.>
P0A7F	Hybrid Battery Pack Deterioration	<ref. (dtc).="" battery="" code="" deterioration,="" diagnostic="" dtc="" hev(diag)-286,="" hybrid="" p0a7f="" pack="" procedure="" to="" trouble="" with=""></ref.>
P0A95	High Voltage Fuse	<ref. (dtc).="" code="" diagnostic="" dtc="" fuse,="" hev(diag)-286,="" high="" p0a95="" procedure="" to="" trouble="" voltage="" with=""></ref.>
P0A9C	Hybrid Battery Temperature Sensor "A" Circuit Range/Performance	<ref. "a"="" (dtc).="" battery="" circuit="" code="" diagnostic="" dtc="" hev(diag)-287,="" hybrid="" p0a9c="" performance,="" procedure="" range="" sensor="" temperature="" to="" trouble="" with=""></ref.>
P0A9D	Hybrid Battery Temperature Sensor "A" Circuit Low	<ref. battery="" dtc="" hev(diag)-287,="" hybrid="" p0a9d="" tempera-<br="" to="">TURE SENSOR "A" CIRCUIT LOW, Diagnostic Procedure with Diag- nostic Trouble Code (DTC).></ref.>
P0A9E	Hybrid Battery Temperature Sensor "A" Circuit High	<ref. "a"="" (dtc).="" battery="" circuit="" code="" diagnostic="" dtc="" hev(diag)-287,="" high,="" hybrid="" p0a9e="" procedure="" sensor="" temperature="" to="" trouble="" with=""></ref.>
P0AA4	Hybrid Battery Negative Contactor Circuit Stuck Closed	<ref. (dtc).="" battery="" circuit="" closed,="" code="" contactor="" diagnostic="" dtc="" hev(diag)-288,="" hybrid="" negative="" p0aa4="" procedure="" stuck="" to="" trouble="" with=""></ref.>
P0AA6	Hybrid Battery Voltage System Isolation Fault	<ref. (dtc).="" battery="" code="" diagnostic="" dtc="" fault,="" hev(diag)-289,="" hybrid="" isolation="" p0aa6="" procedure="" system="" to="" trouble="" voltage="" with=""></ref.>
P0AA7	Hybrid Battery Voltage System Isolation Sensor Circuit	<ref. (dtc).="" battery="" circuit,="" code="" diagnostic="" dtc="" hev(diag)-293,="" hybrid="" isolation="" p0aa7="" procedure="" sensor="" system="" to="" trouble="" voltage="" with=""></ref.>
POAAD	Hybrid Battery Pack Air Temperature Sensor "A" Circuit Range/Performance	<ref. "a"="" (dtc).="" air="" battery="" circuit="" code="" diagnostic="" dtc="" hev(diag)-293,="" hybrid="" p0aad="" pack="" performance,="" procedure="" range="" sensor="" temperature="" to="" trouble="" with=""></ref.>
P0AAE	Hybrid Battery Pack Air Temperature Sensor "A" Circuit Low	<ref. "a"="" (dtc).="" air="" battery="" circuit="" code="" diagnostic="" dtc="" hev(diag)-293,="" hybrid="" low,="" p0aae="" pack="" procedure="" sensor="" temperature="" to="" trouble="" with=""></ref.>
P0AAF	Hybrid Battery Pack Air Temperature Sensor "A" Circuit High	<ref. "a"="" (dtc).="" air="" battery="" circuit="" code="" diagnostic="" dtc="" hev(diag)-293,="" high,="" hybrid="" p0aaf="" pack="" procedure="" sensor="" temperature="" to="" trouble="" with=""></ref.>
POABF	Hybrid Battery Pack Current Sensor "A" Circuit	<ref. "a"="" (dtc).="" battery="" circuit,="" code="" current="" diagnostic="" dtc="" hev(diag)-294,="" hybrid="" p0abf="" pack="" procedure="" sensor="" to="" trouble="" with=""></ref.>

DTC	Item	Note
P0AC0	Hybrid Battery Pack Current Sensor "A" Circuit Range/Performance	<ref. "a"="" (dtc).="" battery="" circuit="" code="" current="" diagnostic="" dtc="" hev(diag)-294,="" hybrid="" p0ac0="" pack="" performance,="" procedure="" range="" sensor="" to="" trouble="" with=""></ref.>
P0AC1	Hybrid Battery Pack Current Sensor "A" Circuit Low	<ref. battery="" cur-<br="" dtc="" hev(diag)-294,="" hybrid="" p0ac1="" pack="" to="">RENT SENSOR "A" CIRCUIT LOW, Diagnostic Procedure with Diag- nostic Trouble Code (DTC).></ref.>
P0AC2	Hybrid Battery Pack Current Sensor "A" Circuit High	<ref. "a"="" (dtc).="" battery="" circuit="" code="" current="" diagnostic="" dtc="" hev(diag)-294,="" high,="" hybrid="" p0ac2="" pack="" procedure="" sensor="" to="" trouble="" with=""></ref.>
P0AC3	Hybrid Battery Pack Current Sensor "A" Circuit Intermittent/Erratic	<ref. "a"="" (dtc).="" battery="" circuit="" code="" current="" diagnostic="" dtc="" erratic,="" hev(diag)-295,="" hybrid="" intermittent="" p0ac3="" pack="" procedure="" sensor="" to="" trouble="" with=""></ref.>
P0AC6	Hybrid Battery Temperature Sensor "B" Circuit Range/Performance	<ref. "b"="" (dtc).="" battery="" circuit="" code="" diagnostic="" dtc="" hev(diag)-295,="" hybrid="" p0ac6="" performance,="" procedure="" range="" sensor="" temperature="" to="" trouble="" with=""></ref.>
P0AC7	Hybrid Battery Temperature Sensor "B" Circuit Low	<ref. battery="" dtc="" hev(diag)-296,="" hybrid="" p0ac7="" tempera-<br="" to="">TURE SENSOR "B" CIRCUIT LOW, Diagnostic Procedure with Diag- nostic Trouble Code (DTC).></ref.>
P0AC8	Hybrid Battery Temperature Sensor "B" Circuit High	<ref. "b"="" (dtc).="" battery="" circuit="" code="" diagnostic="" dtc="" hev(diag)-296,="" high,="" hybrid="" p0ac8="" procedure="" sensor="" temperature="" to="" trouble="" with=""></ref.>
P0ACB	Hybrid Battery Temperature Sensor "C" Circuit Range/Performance	<ref. "c"="" (dtc).="" battery="" circuit="" code="" diagnostic="" dtc="" hev(diag)-296,="" hybrid="" p0acb="" performance,="" procedure="" range="" sensor="" temperature="" to="" trouble="" with=""></ref.>
P0ACC	Hybrid Battery Temperature Sensor "C" Circuit Low	<ref. "c"="" (dtc).="" battery="" circuit="" code="" diagnostic="" dtc="" hev(diag)-296,="" hybrid="" low,="" poacc="" procedure="" sensor="" temperature="" to="" trouble="" with=""></ref.>
P0ACD	Hybrid Battery Temperature Sensor "C" Circuit High	<ref. battery="" dtc="" hev(diag)-297,="" hybrid="" p0acd="" tempera-<br="" to="">TURE SENSOR "C" CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0AD9	Hybrid Battery Positive Contactor Control Circuit/Open	<ref. (dtc).="" battery="" circuit="" code="" contactor="" control="" diagnostic="" dtc="" hev(diag)-297,="" hybrid="" open,="" p0ad9="" positive="" procedure="" to="" trouble="" with=""></ref.>
P0ADB	Hybrid Battery Positive Contactor Control Circuit Low	<ref. (dtc).="" battery="" circuit="" code="" contactor="" control="" diagnostic="" dtc="" hev(diag)-297,="" hybrid="" low,="" p0adb="" positive="" procedure="" to="" trouble="" with=""></ref.>
P0ADD	Hybrid Battery Negative Contactor Control Circuit/Open	<ref. (dtc).="" battery="" circuit="" code="" contactor="" control="" diagnostic="" dtc="" hev(diag)-297,="" hybrid="" negative="" open,="" p0add="" procedure="" to="" trouble="" with=""></ref.>
P0ADF	Hybrid Battery Negative Contactor Control Circuit Low	<ref. (dtc).="" battery="" circuit="" code="" contactor="" control="" diagnostic="" dtc="" hev(diag)-298,="" hybrid="" low,="" negative="" p0adf="" procedure="" to="" trouble="" with=""></ref.>
P0AE4	Hybrid Battery Precharge Contactor Control Circuit	<ref. battery="" dtc="" hev(diag)-298,="" hybrid="" p0ae4="" pre-<br="" to="">CHARGE CONTACTOR CONTROL CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0AE6	Hybrid Battery Precharge Contactor Control Circuit Low	<ref. battery="" dtc="" hev(diag)-298,="" hybrid="" p0ae6="" pre-<br="" to="">CHARGE CONTACTOR CONTROL CIRCUIT LOW, Diagnostic Pro- cedure with Diagnostic Trouble Code (DTC).></ref.>
P0B25	Hybrid Battery "A" Voltage Low	<ref. "a"="" (dtc).="" battery="" code="" diagnostic="" dtc="" hev(diag)-299,="" hybrid="" low,="" p0b25="" procedure="" to="" trouble="" volt-age="" with=""></ref.>
P0B26	Hybrid Battery "A" Voltage High	<ref. "a"="" (dtc).="" battery="" code="" diagnostic="" dtc="" hev(diag)-301,="" high,="" hybrid="" p0b26="" procedure="" to="" trouble="" volt-age="" with=""></ref.>
P0B37	High Voltage Service Disconnect Open	<ref. dis-<br="" dtc="" hev(diag)-303,="" high="" p0b37="" service="" to="" voltage="">CONNECT OPEN, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>

DTC	Item	Note
P0B3C	Hybrid Battery Voltage Sense "A" Circuit Range/Performance	<ref. battery="" dtc="" hev(diag)-304,="" hybrid="" p0b3c="" to="" voltage<br="">SENSE "A" CIRCUIT RANGE/PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0B3D	Hybrid Battery Voltage Sense "A" Circuit Low	<ref. "a"="" (dtc).="" battery="" circuit="" code="" diagnostic="" dtc="" hev(diag)-304,="" hybrid="" low,="" p0b3d="" procedure="" sense="" to="" trouble="" voltage="" with=""></ref.>
P0B3E	Hybrid Battery Voltage Sense "A" Circuit High	<ref. battery="" dtc="" hev(diag)-304,="" hybrid="" p0b3e="" to="" voltage<br="">SENSE "A" CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0B41	Hybrid Battery Voltage Sense "B" Circuit Range/Performance	<ref. "b"="" (dtc).="" battery="" circuit="" code="" diagnostic="" dtc="" hev(diag)-305,="" hybrid="" p0b41="" performance,="" procedure="" range="" sense="" to="" trouble="" voltage="" with=""></ref.>
P0B42	Hybrid Battery Voltage Sense "B" Circuit Low	<ref. "b"="" (dtc).="" battery="" circuit="" code="" diagnostic="" dtc="" hev(diag)-305,="" hybrid="" low,="" p0b42="" procedure="" sense="" to="" trouble="" voltage="" with=""></ref.>
P0B43	Hybrid Battery Voltage Sense "B" Circuit High	<ref. "b"="" (dtc).="" battery="" circuit="" code="" diagnostic="" dtc="" hev(diag)-305,="" high,="" hybrid="" p0b43="" procedure="" sense="" to="" trouble="" voltage="" with=""></ref.>
P0B46	Hybrid Battery Voltage Sense "C" Circuit Range/Performance	<ref. "c"="" (dtc).="" battery="" circuit="" code="" diagnostic="" dtc="" hev(diag)-305,="" hybrid="" p0b46="" performance,="" procedure="" range="" sense="" to="" trouble="" voltage="" with=""></ref.>
P0B47	Hybrid Battery Voltage Sense "C" Circuit Low	<ref. "c"="" (dtc).="" battery="" circuit="" code="" diagnostic="" dtc="" hev(diag)-306,="" hybrid="" low,="" p0b47="" procedure="" sense="" to="" trouble="" voltage="" with=""></ref.>
P0B48	Hybrid Battery Voltage Sense "C" Circuit High	<ref. "c"="" (dtc).="" battery="" circuit="" code="" diagnostic="" dtc="" hev(diag)-306,="" high,="" hybrid="" p0b48="" procedure="" sense="" to="" trouble="" voltage="" with=""></ref.>
P0B4A	Hybrid Battery Voltage Sense "D" Circuit	<ref. "d"="" (dtc).="" battery="" circuit,="" code="" diagnostic="" dtc="" hev(diag)-306,="" hybrid="" p0b4a="" procedure="" sense="" to="" trouble="" voltage="" with=""></ref.>
P0B4B	Hybrid Battery Voltage Sense "D" Circuit Range/Performance	<ref. "d"="" (dtc).="" battery="" circuit="" code="" diagnostic="" dtc="" hev(diag)-306,="" hybrid="" p0b4b="" performance,="" procedure="" range="" sense="" to="" trouble="" voltage="" with=""></ref.>
P0B4C	Hybrid Battery Voltage Sense "D" Circuit Low	<ref. "d"="" (dtc).="" battery="" circuit="" code="" diagnostic="" dtc="" hev(diag)-307,="" hybrid="" low,="" p0b4c="" procedure="" sense="" to="" trouble="" voltage="" with=""></ref.>
P0B4D	Hybrid Battery Voltage Sense "D" Circuit High	<ref. "d"="" (dtc).="" battery="" circuit="" code="" diagnostic="" dtc="" hev(diag)-307,="" high,="" hybrid="" p0b4d="" procedure="" sense="" to="" trouble="" voltage="" with=""></ref.>
P0B50	Hybrid Battery Voltage Sense "E" Circuit Range/Performance	<ref. "e"="" (dtc).="" battery="" circuit="" code="" diagnostic="" dtc="" hev(diag)-307,="" hybrid="" p0b50="" performance,="" procedure="" range="" sense="" to="" trouble="" voltage="" with=""></ref.>
P0B51	Hybrid Battery Voltage Sense "E" Circuit Low	<ref. "e"="" (dtc).="" battery="" circuit="" code="" diagnostic="" dtc="" hev(diag)-307,="" hybrid="" low,="" p0b51="" procedure="" sense="" to="" trouble="" voltage="" with=""></ref.>
P0B52	Hybrid Battery Voltage Sense "E" Circuit High	<ref. "e"="" (dtc).="" battery="" circuit="" code="" diagnostic="" dtc="" hev(diag)-308,="" high,="" hybrid="" p0b52="" procedure="" sense="" to="" trouble="" voltage="" with=""></ref.>
P0B55	Hybrid Battery Voltage Sense "F" Circuit Range/Performance	<ref. "f"="" (dtc).="" battery="" circuit="" code="" diagnostic="" dtc="" hev(diag)-308,="" hybrid="" p0b55="" performance,="" procedure="" range="" sense="" to="" trouble="" voltage="" with=""></ref.>
P0B56	Hybrid Battery Voltage Sense "F" Circuit Low	<ref. "f"="" (dtc).="" battery="" circuit="" code="" diagnostic="" dtc="" hev(diag)-308,="" hybrid="" low,="" p0b56="" procedure="" sense="" to="" trouble="" voltage="" with=""></ref.>
P0B57	Hybrid Battery Voltage Sense "F" Circuit High	<ref. "f"="" (dtc).="" battery="" circuit="" code="" diagnostic="" dtc="" hev(diag)-308,="" high,="" hybrid="" p0b57="" procedure="" sense="" to="" trouble="" voltage="" with=""></ref.>

DTC	Item	Note
P0B5A	Hybrid Battery Voltage Sense "G" Circuit Range/Performance	<ref. "g"="" (dtc).="" battery="" circuit="" code="" diagnostic="" dtc="" hev(diag)-309,="" hybrid="" p0b5a="" performance,="" procedure="" range="" sense="" to="" trouble="" voltage="" with=""></ref.>
P0B5B	Hybrid Battery Voltage Sense "G" Circuit Low	<ref. "g"="" (dtc).="" battery="" circuit="" code="" diagnostic="" dtc="" hev(diag)-309,="" hybrid="" low,="" p0b5b="" procedure="" sense="" to="" trouble="" voltage="" with=""></ref.>
P0B5C	Hybrid Battery Voltage Sense "G" Circuit High	<ref. battery="" dtc="" hev(diag)-309,="" hybrid="" p0b5c="" to="" voltage<br="">SENSE "G" CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0BB8	Hybrid Battery Voltage Sense "Z" Circuit	<ref. "z"="" (dtc).="" battery="" circuit,="" code="" diagnostic="" dtc="" hev(diag)-309,="" hybrid="" p0bb8="" procedure="" sense="" to="" trouble="" voltage="" with=""></ref.>
P0C30	Hybrid Battery Pack State of Charge High	<ref. (dtc).="" battery="" charge="" code="" diagnostic="" dtc="" hev(diag)-310,="" high,="" hybrid="" of="" p0c30="" pack="" procedure="" state="" to="" trouble="" with=""></ref.>
P0C78	Hybrid Battery System Precharge Time Too Long	<ref. (dtc).="" battery="" code="" diagnostic="" dtc="" hev(diag)-311,="" hybrid="" long,="" p0c78="" precharge="" procedure="" system="" time="" to="" too="" trouble="" with=""></ref.>
P0CA6	Hybrid Battery Charging Current High	<ref. (dtc).="" battery="" charg-ing="" code="" current="" diagnostic="" dtc="" hev(diag)-314,="" high,="" hybrid="" p0ca6="" procedure="" to="" trouble="" with=""></ref.>
P0CA7	Hybrid Battery Discharging Current High	<ref. battery="" dis-<br="" dtc="" hev(diag)-316,="" hybrid="" p0ca7="" to="">CHARGING CURRENT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1C40	Hybrid Battery Positive Contactor or Pre- Charge Contactor Circuit Stuck Closed	<ref. battery="" dtc="" hev(diag)-318,="" hybrid="" p1c40="" positive<br="" to="">CONTACTOR OR PRE-CHARGE CONTACTOR CIRCUIT STUCK CLOSED, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1C41	High Voltage Circuit Short	<ref. (dtc).="" circuit="" code="" diagnostic="" dtc="" hev(diag)-320,="" high="" p1c41="" procedure="" short,="" to="" trouble="" voltage="" with=""></ref.>
P1C42	High Voltage Circuit Open	<ref. (dtc).="" circuit="" code="" diagnostic="" dtc="" hev(diag)-323,="" high="" open,="" p1c42="" procedure="" to="" trouble="" voltage="" with=""></ref.>
P1C43	Hybrid Battery Contactor Power Supply Circuit	<ref. (dtc).="" battery="" circuit,="" code="" contactor="" diagnostic="" dtc="" hev(diag)-325,="" hybrid="" p1c43="" power="" procedure="" supply="" to="" trouble="" with=""></ref.>
P1C44	Sub CPU in BECM	<ref. (dtc).="" becm,="" code="" cpu="" diagnostic="" dtc="" hev(diag)-325,="" in="" p1c44="" procedure="" sub="" to="" trouble="" with=""></ref.>
P1C45	Hybrid Battery Block 1 Balancing Performance	<ref. (dtc).="" 1="" balancing="" battery="" block="" code="" diagnostic="" dtc="" hev(diag)-326,="" hybrid="" p1c45="" performance,="" procedure="" to="" trouble="" with=""></ref.>
P1C46	Hybrid Battery Block 2 Balancing Performance	<ref. 2<br="" battery="" block="" dtc="" hev(diag)-326,="" hybrid="" p1c46="" to="">BALANCING PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1C47	Hybrid Battery Block 3 Balancing Performance	<ref. (dtc).="" 3="" balancing="" battery="" block="" code="" diagnostic="" dtc="" hev(diag)-326,="" hybrid="" p1c47="" performance,="" procedure="" to="" trouble="" with=""></ref.>
P1C48	Hybrid Battery Block 4 Balancing Performance	<ref. 4<br="" battery="" block="" dtc="" hev(diag)-326,="" hybrid="" p1c48="" to="">BALANCING PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1C49	Hybrid Battery Block 5 Balancing Performance	<ref. (dtc).="" 5="" balancing="" battery="" block="" code="" diagnostic="" dtc="" hev(diag)-327,="" hybrid="" p1c49="" performance,="" procedure="" to="" trouble="" with=""></ref.>
P1C4A	Hybrid Battery Block 6 Balancing Performance	<ref. 6<br="" battery="" block="" dtc="" hev(diag)-327,="" hybrid="" p1c4a="" to="">BALANCING PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>

DTC	Item	Note
P1C5E	Hybrid Battery Block Voltage Too Low	<ref. (dtc).="" battery="" block="" code="" diagnostic="" dtc="" hev(diag)-327,="" hybrid="" low,="" p1c5e="" procedure="" to="" too="" trouble="" voltage="" with=""></ref.>
U0076	Control Module Communication Bus "HEV-CAN" Off	<ref. "hev-can"="" (dtc).="" bus="" code="" communication="" control="" diagnostic="" dtc="" hev(diag)-328,="" module="" off,="" procedure="" to="" trouble="" u0076="" with=""></ref.>
U0110	Lost Communication With Drive Motor Control Module "A"	<ref. "a",="" (dtc).="" code="" communication="" control="" diagnostic="" drive="" dtc="" hev(diag)-329,="" lost="" module="" motor="" procedure="" to="" trouble="" u0110="" with=""></ref.>
U0411	Invalid Data Received From Drive Motor Control Module "A"	<ref. "a",="" (dtc).="" code="" control="" data="" diagnostic="" drive="" dtc="" from="" hev(diag)-331,="" invalid="" module="" motor="" procedure="" received="" to="" trouble="" u0411="" with=""></ref.>
U1290	Lost Communication With Hybrid Power- train Control Module HEV-CAN	<ref. (dtc).="" code="" communication="" control="" diagnostic="" dtc="" hev(diag)-334,="" hev-can,="" hybrid="" lost="" module="" powertrain="" procedure="" to="" trouble="" u1290="" with=""></ref.>
U1591	Invalid Data Received From Hybrid Power- train Control Module HEV-CAN	<ref. (dtc).="" code="" control="" data="" diagnostic="" dtc="" from="" hev(diag)-334,="" hev-can,="" hybrid="" invalid="" module="" powertrain="" procedure="" received="" to="" trouble="" u1591="" with=""></ref.>