16.List of Diagnostic Trouble Code (DTC)

A: LIST

1. HYBRID POWERTRAIN CONTROL SYSTEM

DTC	Item	Note
P0506	Idle Air Control System RPM Lower Than Expected	<Ref. to HEV(diag)-94, DTC P0506 IDLE AIR CONTROL SYSTEM RPM LOWER THAN EXPECTED, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0507	Idle Air Control System RPM Higher Than Expected	<Ref. to HEV(diag)-95, DTC P0507 IDLE AIR CONTROL SYSTEM RPM HIGHER THAN EXPECTED, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0516	Battery Temperature Sensor Circuit Low	<Ref. to HEV(diag)-96, DTC P0516 BATTERY TEMPERATURE SENSOR CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0517	Battery Temperature Sensor Circuit High	<Ref. to HEV(diag)-98, DTC P0517 BATTERY TEMPERATURE SENSOR CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0556	Brake Booster Pressure Sensor Circuit Range/Performance	<Ref. to HEV(diag)-100, DTC P0556 BRAKE BOOSTER PRESSURE SENSOR CIRCUIT RANGE/PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0572	Brake Switch "A" [Stop Lamp Switch] Circuit Low	<Ref. to HEV(diag)-103, DTC P0572 BRAKE SWITCH "A" [STOP LAMP SWITCH] CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0573	Brake Switch "A" [Stop Lamp Switch] Circuit High	<Ref. to HEV(diag)-104, DTC P0573 BRAKE SWITCH "A" [STOP LAMP SWITCH] CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P057B	Brake Pedal Position Sensor Circuit Range/Performance	<Ref. to HEV(diag)-105, DTC P057B BRAKE PEDAL POSITION SENSOR CIRCUIT RANGE/PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P057C	Brake Pedal Position Sensor Circuit Low	<Ref. to HEV(diag)-107, DTC P057C BRAKE PEDAL POSITION SENSOR CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P057D	Brake Pedal Position Sensor Circuit High	<Ref. to HEV(diag)-109, DTC P057D BRAKE PEDAL POSITION SENSOR CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P058D	Battery Monitor Module Voltage Monitoring Performance	<Ref. to HEV(diag)-111, DTC P058D BATTERY MONITOR MODULE VOLTAGE MONITORING PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P05DD	Brake Pedal Position Sensor "B" Circuit Low	<Ref. to HEV(diag)-113, DTC P05DD BRAKE PEDAL POSITION SENSOR "B" CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P05DE	Brake Pedal Position Sensor "B" Circuit High	<Ref. to HEV(diag)-115, DTC P05DE BRAKE PEDAL POSITION SENSOR "B" CIRCUIT HIGH , Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0604	Internal Control Module Random Access Memory (RAM) Error	<Ref. to HEV(diag)-117, HYBRID POWERTRAIN CONTROL SYSTEM, DTC P0604 INTERNAL CONTROL MODULE RANDOM ACCESS MEMORY (RAM) ERROR, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0605	Internal Control Module Read Only Memory (ROM) Error	<Ref. to HEV(diag)-120, HYBRID POWERTRAIN CONTROL SYSTEM, DTC P0605 INTERNAL CONTROL MODULE READ ONLY MEMORY (ROM) ERROR, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0620	Generator Control Circuit	<Ref. to HEV(diag)-123, DTC P0620 GENERATOR CONTROL CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P065A	Generator System Performance	<Ref. to HEV(diag)-125, DTC P065A GENERATOR SYSTEM PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

DTC	Item	Note
P06EF	Engine Restart Performance	<Ref. to HEV(diag)-128, DTC P06EF ENGINE RESTART PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0719	Brake Switch "B" Circuit Low	<Ref. to HEV(diag)-130, DTC P0719 BRAKE SWITCH "B" CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0724	Brake Switch "B" Circuit High	<Ref. to HEV(diag)-131, DTC P0724 BRAKE SWITCH "B" CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0A1D	Hybrid Powertrain Control Module	<Ref. to HEV(diag)-132, DTC P0A1D HYBRID POWERTRAIN CONTROL MODULE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1C00	Battery "2" Monitor Module Performance	<Ref. to HEV(diag)-133, DTC P1C00 BATTERY "2" MONITOR MODULE PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1C04	Output Clutch Linear Solenoid Control Circuit Low	<Ref. to HEV(diag)-134, DTC P1C04 OUTPUT CLUTCH LINEAR SOLENOID CONTROL CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1C05	Output Clutch Linear Solenoid Control Circuit High	<Ref. to HEV(diag)-136, DTC P1C05 OUTPUT CLUTCH LINEAR SOLENOID CONTROL CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1C06	12V Battery Relay Close Circuit Performance	<Ref. to HEV(diag)-138, DTC P1C06 12V BATTERY RELAY CLOSE CIRCUIT PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1C07	12V Battery Relay Open Circuit Performance	<Ref. to HEV(diag)-140, DTC P1C07 12V BATTERY RELAY OPEN CIRCUIT PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1C08	12V Battery Relay Performance or Stuck Off	<Ref. to HEV(diag)-142, DTC P1C08 12V BATTERY RELAY PERFORMANCE OR STUCK OFF, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1C09	12V Battery Relay Performance or Stuck On	<Ref. to HEV(diag)-144, DTC P1C09 12V BATTERY RELAY PERFORMANCE OR STUCK ON, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1C10	Vacuum Pump Performance	<Ref. to HEV(diag)-145, DTC P1C10 VACUUM PUMP PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1C11	Vacuum Pump Supply Voltage Low	<Ref. to HEV(diag)-146, DTC P1C11 VACUUM PUMP SUPPLY VOLTAGE LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1C12	Vacuum Pump Supply Voltage High	<Ref. to HEV(diag)-148, DTC P1C12 VACUUM PUMP SUPPLY VOLTAGE HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1C14	Generator Performance	<Ref. to HEV(diag)-150, DTC P1C14 GENERATOR PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1C16	Idle Control System RPM Lower Than Expected(HPCM)	<Ref. to HEV(diag)-151, DTC P1C16 IDLE CONTROL SYSTEM RPM LOWER THAN EXPECTED(HPCM), Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1C17	Idle Control System RPM Higher Than Expected(HPCM)	<Ref. to HEV(diag)-151, DTC P1C17 IDLE CONTROL SYSTEM RPM HIGHER THAN EXPECTED(HPCM), Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1C18	Generator System "B" Performance	<Ref. to HEV(diag)-152, DTC P1C18 GENERATOR SYSTEM "B" PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1C1E	Autodisconnect Experience	<Ref. to HEV(diag)-154, DTC P1C1E AUTODISCONNECT EXPERIENCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P2158	Vehicle Speed Sensor "B"	<Ref. to HEV(diag)-154, DTC P2158 VEHICLE SPEED SENSOR "B", Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U0073	Control Module Communication Bus Off	<Ref. to HEV(diag)-327, DTC U0073 CONTROL MODULE COMMUNICATION BUS OFF, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

DTC	Item	Note
U0075	Control Module Communication Bus "PU-CAN" Off	<Ref. to HEV(diag)-328, DTC U0075 CONTROL MODULE COMMUNICATION BUS "PU-CAN" OFF, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U0076	Control Module Communication Bus "HEV-CAN" Off	<Ref. to HEV(diag)-328, DTC U0076 CONTROL MODULE COMMUNICATION BUS "HEV-CAN" OFF, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U0100	Lost Communication With ECM/PCM “A”	<Ref. to HEV(diag)-328, DTC U0100 LOST COMMUNICATION WITH ECM/PCM “A”, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U0101	Lost Communication With TCM	<Ref. to HEV(diag)-328, DTC U0101 LOST COMMUNICATION WITH TCM, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U0110	Lost Communication With Drive Motor Control Module "A"	<Ref. to HEV(diag)-329, DTC U0110 LOST COMMUNICATION WITH DRIVE MOTOR CONTROL MODULE "A", Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U0111	Lost Communication With Battery Energy Control Module	<Ref. to LAN(HEV)(diag)-137, DTC U0111 LOST COMMUNICATION WITH BATTERY ENERGY CONTROL MODULE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U0122	Lost Communication With Vehicle Dynamics Control Module	<Ref. to HEV(diag)-329, DTC U0122 LOST COMMUNICATION WITH VEHICLE DYNAMICS CONTROL MODULE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U0131	Lost Communication With Power Steering Control Module	<Ref. to HEV(diag)-329, DTC U0131 LOST COMMUNICATION WITH POWER STEERING CONTROL MODULE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U0140	Lost Communication With Body Control Module	<Ref. to HEV(diag)-330, DTC U0140 LOST COMMUNICATION WITH BODY CONTROL MODULE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U0151	Lost Communication With Restraints Control Module	<Ref. to HEV(diag)-330, DTC U0151 LOST COMMUNICATION WITH RESTRAINTS CONTROL MODULE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U0155	Lost Communication With Instrument Panel Cluster (IPC) Control Module	<Ref. to HEV(diag)-330, DTC U0155 LOST COMMUNICATION WITH INSTRUMENT PANEL CLUSTER (IPC) CONTROL MODULE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U0164	Lost Communication With HVAC Control Module	<Ref. to HEV(diag)-330, DTC U0164 LOST COMMUNICATION WITH HVAC CONTROL MODULE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U0287	Lost Communication With Transmission Fluid Pump Module	<Ref. to HEV(diag)-330, DTC U0287 LOST COMMUNICATION WITH TRANSMISSION FLUID PUMP MODULE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U0401	Invalid Data Received From ECM/PCM “A”	<Ref. to HEV(diag)-331, DTC U0401 INVALID DATA RECEIVED FROM ECM/PCM “A”, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U0402	Invalid Data Received From TCM	<Ref. to HEV(diag)-331, DTC U0402 INVALID DATA RECEIVED FROM TCM, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U0411	Invalid Data Received From Drive Motor Control Module "A"	<Ref. to HEV(diag)-331, DTC U0411 INVALID DATA RECEIVED FROM DRIVE MOTOR CONTROL MODULE "A", Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U0412	Invalid Data Received From Battery Energy Control Module	<Ref. to HEV(diag)-331, DTC U0412 INVALID DATA RECEIVED FROM BATTERY ENERGY CONTROL MODULE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U0416	Invalid Data Received From Vehicle Dynamics Control Module	<Ref. to HEV(diag)-332, DTC U0416 INVALID DATA RECEIVED FROM VEHICLE DYNAMICS CONTROL MODULE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U0420	Invalid Data Received From Power Steering Control Module	<Ref. to HEV(diag)-332, DTC U0420 INVALID DATA RECEIVED FROM POWER STEERING CONTROL MODULE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

DTC	Item	Note
U0422	Invalid Data Received From Body Control Module	<Ref. to HEV(diag)-332, DTC U0422 INVALID DATA RECEIVED FROM BODY CONTROL MODULE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U0423	Invalid Data Received From Instrument Panel Cluster Control Module	<Ref. to HEV(diag)-332, DTC U0423 INVALID DATA RECEIVED FROM INSTRUMENT PANEL CLUSTER CONTROL MODULE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U0424	Invalid Data Received From HVAC Control Module	<Ref. to HEV(diag)-332, DTC U0424 INVALID DATA RECEIVED FROM HVAC CONTROL MODULE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U0452	Invalid Data Received From Restraints Control Module	<Ref. to HEV(diag)-333, DTC U0452 INVALID DATA RECEIVED FROM RESTRAINTS CONTROL MODULE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U0588	Invalid Data Received From Transmission Fluid Pump Module	<Ref. to HEV(diag)-333, DTC U0588 INVALID DATA RECEIVED FROM TRANSMISSION FLUID PUMP MODULE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U1100	Lost Communication With ECM/PCM PU-CAN	<Ref. to HEV(diag)-333, DTC U1100 LOST COMMUNICATION WITH ECM/PCM PU-CAN, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U1101	Lost Communication With TCM PU-CAN	<Ref. to HEV(diag)-333, DTC U1101 LOST COMMUNICATION WITH TCM PU-CAN, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U1401	Invalid Data Received From ECM/PCM PU-CAN	<Ref. to HEV(diag)-334, DTC U1401 INVALID DATA RECEIVED FROM ECM/PCM PU-CAN, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U1402	Invalid Data Received From TCM PU-CAN	<Ref. to HEV(diag)-334, DTC U1402 INVALID DATA RECEIVED FROM TCM PU-CAN, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U1676	LIN Communication Bus Error Hybrid Powertrain Control Module	<Ref. to HEV(diag)-335, DTC U1676 LIN COMMUNICATION BUS ERROR HYBRID POWERTRAIN CONTROL MODULE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U1711	Lost Communication With Battery "2" Monitor Module	<Ref. to HEV(diag)-337, DTC U1711 LOST COMMUNICATION WITH BATTERY "2" MONITOR MODULE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U1720	Lost Communication With Integrated Starter Generator	<Ref. to HEV(diag)-339, DTC U1720 LOST COMMUNICATION WITH INTEGRATED STARTER GENERATOR, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

2. DRIVE MOTOR CONTROL SYSTEM

DTC	Item	Note
P0A2A	Drive Motor "A" Temperature Sensor Circuit	<Ref. to HEV(diag)-155, DTC P0A2A DRIVE MOTOR "A" TEMPERATURE SENSOR CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0A2C	Drive Motor "A" Temperature Sensor Circuit Low	<Ref. to HEV(diag)-159, DTC P0A2C DRIVE MOTOR "A" TEMPERATURE SENSOR CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0A2D	Drive Motor "A" Temperature Sensor Circuit High	<Ref. to HEV(diag)-163, DTC P0A2D DRIVE MOTOR "A" TEMPERATURE SENSOR CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0A3C	Drive Motor "A" Inverter Over Temperature	<Ref. to HEV(diag)-165, DTC P0A3C DRIVE MOTOR "A" INVERTER OVER TEMPERATURE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0A3F	Drive Motor "A" Position Sensor Circuit	<Ref. to HEV(diag)-166, DTC P0A3F DRIVE MOTOR "A" POSITION SENSOR CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0A40	Drive Motor "A" Position Sensor Circuit Range/Performance	<Ref. to HEV(diag)-169, DTC P0A40 DRIVE MOTOR "A" POSITION SENSOR CIRCUIT RANGE/PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0A43	Drive Motor "A" Position Sensor Circuit Intermittent	<Ref. to HEV(diag)-170, DTC P0A43 DRIVE MOTOR "A" POSITION SENSOR CIRCUIT INTERMITTENT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0A44	Drive Motor "A" Position Sensor Circuit Overspeed	<Ref. to HEV(diag)-174, DTC P0A44 DRIVE MOTOR "A" POSITION SENSOR CIRCUIT OVERSPEED, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0C52	Drive Motor "A" Position Sensor Circuit "A" Low	<Ref. to HEV(diag)-177, DTC P0C52 DRIVE MOTOR "A" POSITION SENSOR CIRCUIT "A" LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0C5C	Drive Motor "A" Position Sensor Circuit "B" Low	<Ref. to HEV(diag)-177, DTC P0C5C DRIVE MOTOR "A" POSITION SENSOR CIRCUIT "B" LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0CDC	Drive Motor "A" Position Sensor Circuit "C" Low	<Ref. to HEV(diag)-177, DTC P0CDC DRIVE MOTOR "A" POSITION SENSOR CIRCUIT "C" LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0CDD	Drive Motor "A" Position Sensor Circuit "C" High	<Ref. to HEV(diag)-177, DTC P0CDD DRIVE MOTOR "A" POSITION SENSOR CIRCUIT "C" HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0A5D	Drive Motor "A" Phase U Current	<Ref. to HEV(diag)-178, DTC P0A5D DRIVE MOTOR "A" PHASE U CURRENT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0A60	Drive Motor "A" Phase V Current	<Ref. to HEV(diag)-188, DTC P0A60 DRIVE MOTOR "A" PHASE V CURRENT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0A63	Drive Motor "A" Phase W Current	<Ref. to HEV(diag)-198, DTC P0A63 DRIVE MOTOR "A" PHASE W CURRENT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0A78	Drive Motor "A" Inverter Performance	<Ref. to HEV(diag)-208, DTC P0A78 DRIVE MOTOR "A" INVERTER PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0A82	Hybrid/Ev Battery Pack Cooling Fan 1 Performance/Stuck Off	<Ref. to HEV(diag)-219, DTC P0A82 HYBRID/EV BATTERY PACK COOLING FAN 1 PERFORMANCE/STUCK OFF, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0A83	Hybrid/Ev Battery Pack Cooling Fan 1 Stuck On	<Ref. to HEV(diag)-221, DTC P0A83 HYBRID/EV BATTERY PACK COOLING FAN 1 STUCK ON, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

DTC	Item	Note
P0A90	Drive Motor "A" Performance	<Ref. to HEV(diag)-223, DTC P0A90 DRIVE MOTOR "A" PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0A94	DC/DC Converter Performance	<Ref. to HEV(diag)-229, DTC P0A94 DC/DC CONVERTER PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0AED	Drive Motor Inverter Temperature Sensor "A" Circuit	<Ref. to HEV(diag)-231, DTC P0AED DRIVE MOTOR INVERTER TEMPERATURE SENSOR "A" CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0AEE	Drive Motor Inverter Temperature Sensor "A" Circuit Range/Performance	<Ref. to HEV(diag)-232, DTC P0AEE DRIVE MOTOR INVERTER TEMPERATURE SENSOR "A" CIRCUIT RANGE/PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0AF2	Drive Motor Inverter Temperature Sensor "B" Circuit	<Ref. to HEV(diag)-233, DTC P0AF2 DRIVE MOTOR INVERTER TEMPERATURE SENSOR "B" CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0AF3	Drive Motor Inverter Temperature Sensor "B" Circuit Range/Performance	<Ref. to HEV(diag)-233, DTC P0AF3 DRIVE MOTOR INVERTER TEMPERATURE SENSOR "B" CIRCUIT RANGE/PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0BD1	Drive Motor Inverter Temperature Sensor "C" Circuit	<Ref. to HEV(diag)-234, DTC P0BD1 DRIVE MOTOR INVERTER TEMPERATURE SENSOR "C" CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0BD2	Drive Motor Inverter Temperature Sensor "C" Circuit Range/Performance	<Ref. to HEV(diag)-234, DTC P0BD2 DRIVE MOTOR INVERTER TEMPERATURE SENSOR "C" CIRCUIT RANGE/PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0BE6	Drive Motor "A" Phase U Current Sensor Circuit Range/Performance	<Ref. to HEV(diag)-235, DTC P0BE6 DRIVE MOTOR "A" PHASE U CURRENT SENSOR CIRCUIT RANGE/PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0BE7	Drive Motor "A" Phase U Current Sensor Circuit Low	<Ref. to HEV(diag)-238, DTC P0BE7 DRIVE MOTOR "A" PHASE U CURRENT SENSOR CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0BE8	Drive Motor "A" Phase U Current Sensor Circuit High	<Ref. to HEV(diag)-241, DTC P0BE8 DRIVE MOTOR "A" PHASE U CURRENT SENSOR CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0BEA	Drive Motor "A" Phase V Current Sensor Circuit Range/Performance	<Ref. to HEV(diag)-243, DTC P0BEA DRIVE MOTOR "A" PHASE V CURRENT SENSOR CIRCUIT RANGE/PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0BEB	Drive Motor "A" Phase V Current Sensor Circuit Low	<Ref. to HEV(diag)-243, DTC P0BEB DRIVE MOTOR "A" PHASE V CURRENT SENSOR CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0BEC	Drive Motor "A" Phase V Current Sensor Circuit High	<Ref. to HEV(diag)-243, DTC P0BEC DRIVE MOTOR "A" PHASE V CURRENT SENSOR CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0BEE	Drive Motor "A" Phase W Current Sensor Circuit Range/Performance	<Ref. to HEV(diag)-244, DTC P0BEE DRIVE MOTOR "A" PHASE W CURRENT SENSOR CIRCUIT RANGE/PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0BEF	Drive Motor "A" Phase W Current Sensor Circuit Low	<Ref. to HEV(diag)-244, DTC P0BEF DRIVE MOTOR "A" PHASE W CURRENT SENSOR CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0BF0	Drive Motor "A" Phase W Current Sensor Circuit High	<Ref. to HEV(diag)-244, DTC P0BF0 DRIVE MOTOR "A" PHASE W CURRENT SENSOR CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0BFD	Drive Motor "A" Phase U-V-W Current Sensor Correlation	<Ref. to HEV(diag)-245, DTC P0BFD DRIVE MOTOR "A" PHASE U-V-W CURRENT SENSOR CORRELATION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0C05	Drive Motor "A" Phase U-V-W Circuit/ Open	<Ref. to HEV(diag)-248, DTC P0C05 DRIVE MOTOR "A" PHASE U-V-W CIRCUIT/OPEN, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

DTC	Item	Note
P0C0C	Drive Motor "A" Inverter Power Supply Circuit Low	<Ref. to HEV(diag)-251, DTC P0C0C DRIVE MOTOR "A" INVERTER POWER SUPPLY CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0C0D	Drive Motor "A" Inverter Power Supply Circuit High	<Ref. to HEV(diag)-253, DTC P0C0D DRIVE MOTOR "A" INVERTER POWER SUPPLY CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0C79	Drive Motor "A" Inverter Voltage Too High	<Ref. to HEV(diag)-255, DTC P0C79 DRIVE MOTOR "A" INVERTER VOLTAGE TOO HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0DA8	Hybrid/Ev Battery Voltage/Drive Motor "A" Inverter Voltage Correlation	<Ref. to HEV(diag)-256, DTC P0DA8 HYBRID/EV BATTERY VOLTAGE/DRIVE MOTOR "A" INVERTER VOLTAGE CORRELATION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1C20	Drive Motor "A" Inverter Voltage Too Low	<Ref. to HEV(diag)-258, DTC P1C20 DRIVE MOTOR "A" INVERTER VOLTAGE TOO LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1C22	12V Auxiliary Battery Voltage Too Low	<Ref. to HEV(diag)-261, DTC P1C22 12V AUXILIARY BATTERY VOLTAGE TOO LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1C24	Drive Motor "B" Temperature Sensor Circuit	<Ref. to HEV(diag)-263, DTC P1C24 DRIVE MOTOR "B" TEMPERATURE SENSOR CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1C25	Drive Motor "B" Temperature Sensor Circuit Low	<Ref. to HEV(diag)-263, DTC P1C25 DRIVE MOTOR "B" TEMPERATURE SENSOR CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1C26	Drive Motor "B" Temperature Sensor Circuit High	<Ref. to HEV(diag)-263, DTC P1C26 DRIVE MOTOR "B" TEMPERATURE SENSOR CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1C27	Drive Motor "A" and "B" Temperature Sensor Correlation	<Ref. to HEV(diag)-264, DTC P1C27 DRIVE MOTOR "A" AND "B" TEMPERATURE SENSOR CORRELATION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1C2A	Drive Motor Inverter Circuit	<Ref. to HEV(diag)-266, DTC P1C2A DRIVE MOTOR INVERTER CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1C30	Lost Communication With Drive Motor Inverter	<Ref. to HEV(diag)-267, DTC P1C30 LOST COMMUNICATION WITH DRIVE MOTOR INVERTER, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1C31	Invalid Data Received From Drive Motor Inverter	<Ref. to HEV(diag)-270, DTC P1C31 INVALID DATA RECEIVED FROM DRIVE MOTOR INVERTER, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1C34	Lost Communication With DC/DC Converter	<Ref. to HEV(diag)-272, DTC P1C34 LOST COMMUNICATION WITH DC/DC CONVERTER, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1C35	Invalid Data Received From DC/DC Converter	<Ref. to HEV(diag)-274, DTC P1C35 INVALID DATA RECEIVED FROM DC/DC CONVERTER, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0604	Internal Control Module Random Access Memory (RAM) Error	<Ref. to HEV(diag)-118, DRIVE MOTOR CONTROL SYSTEM, DTC P0604 INTERNAL CONTROL MODULE RANDOM ACCESS MEMORY (RAM) ERROR, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0605	Internal Control Module Read Only Memory (ROM) Error	<Ref. to HEV(diag)-121, DRIVE MOTOR CONTROL SYSTEM, DTC P0605 INTERNAL CONTROL MODULE READ ONLY MEMORY (ROM) ERROR, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0A1B	Drive Motor "A" Control Module	<Ref. to HEV(diag)-276, DTC P0A1B DRIVE MOTOR "A" CONTROL MODULE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

DTC	Item	Note
P06B1	Sensor Power Supply "A" Circuit Low	<Ref. to HEV(diag)-277, DTC P06B1 SENSOR POWER SUPPLY "A" CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P06B2	Sensor Power Supply "A" Circuit High	<Ref. to HEV(diag)-279, DTC P06B2 SENSOR POWER SUPPLY "A" CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U0076	Control Module Communication Bus "HEV-CAN" Off	<Ref. to HEV(diag)-328, DTC U0076 CONTROL MODULE COMMUNICATION BUS "HEV-CAN" OFF, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U0111	Lost Communication With Battery Energy Control Module	<Ref. to HEV(diag)-329, DTC U0111 LOST COMMUNICATION WITH BATTERY ENERGY CONTROL MODULE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U0412	Invalid Data Received From Battery Energy Control Module	<Ref. to HEV(diag)-331, DTC U0412 INVALID DATA RECEIVED FROM BATTERY ENERGY CONTROL MODULE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U1290	Lost Communication With Hybrid Powertrain Control Module HEV-CAN	<Ref. to HEV(diag)-334, DTC U1290 LOST COMMUNICATION WITH HYBRID POWERTRAIN CONTROL MODULE HEV-CAN, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U1591	Invalid Data Received From Hybrid Powertrain Control Module HEV-CAN	<Ref. to HEV(diag)-334, DTC U1591 INVALID DATA RECEIVED FROM HYBRID POWERTRAIN CONTROL MODULE HEV-CAN, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

3. BATTERY ENERGY CONTROL SYSTEM

DTC	Item	Note
P0604	Internal Control Module Random Access Memory (RAM) Error	<Ref. to HEV(diag)-119, BATTERY ENERGY CONTROL SYSTEM, DTC P0604 INTERNAL CONTROL MODULE RANDOM ACCESS MEMORY (RAM) ERROR, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0605	Internal Control Module Read Only Memory (ROM) Error	<Ref. to HEV(diag)-122, BATTERY ENERGY CONTROL SYSTEM, DTC P0605 INTERNAL CONTROL MODULE READ ONLY MEMORY (ROM) ERROR, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P062F	Internal Control Module EEPROM Error	<Ref. to HEV(diag)-281, DTC P062F INTERNAL CONTROL MODULE EEPROM ERROR, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0A1F	Battery Energy Control Module	<Ref. to HEV(diag)-282, DTC P0A1F BATTERY ENERGY CONTROL MODULE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0A7D	Hybrid Battery Pack State of Charge Low	<Ref. to HEV(diag)-283, DTC P0A7D HYBRID BATTERY PACK STATE OF CHARGE LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0A7E	Hybrid Battery Pack Over Temperature	<Ref. to HEV(diag)-284, DTC P0A7E HYBRID BATTERY PACK OVER TEMPERATURE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0A7F	Hybrid Battery Pack Deterioration	<Ref. to HEV(diag)-286, DTC P0A7F HYBRID BATTERY PACK DETERIORATION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0A95	High Voltage Fuse	<Ref. to HEV(diag)-286, DTC P0A95 HIGH VOLTAGE FUSE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0A9C	Hybrid Battery Temperature Sensor "A" Circuit Range/Performance	<Ref. to HEV(diag)-287, DTC P0A9C HYBRID BATTERY TEMPERATURE SENSOR "A" CIRCUIT RANGE/PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0A9D	Hybrid Battery Temperature Sensor "A" Circuit Low	<Ref. to HEV(diag)-287, DTC P0A9D HYBRID BATTERY TEMPERATURE SENSOR "A" CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0A9E	Hybrid Battery Temperature Sensor "A" Circuit High	<Ref. to HEV(diag)-287, DTC P0A9E HYBRID BATTERY TEMPERATURE SENSOR "A" CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0AA4	Hybrid Battery Negative Contactor Circuit Stuck Closed	<Ref. to HEV(diag)-288, DTC P0AA4 HYBRID BATTERY NEGATIVE CONTACTOR CIRCUIT STUCK CLOSED, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0AA6	Hybrid Battery Voltage System Isolation Fault	<Ref. to HEV(diag)-289, DTC P0AA6 HYBRID BATTERY VOLTAGE SYSTEM ISOLATION FAULT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0AA7	Hybrid Battery Voltage System Isolation Sensor Circuit	<Ref. to HEV(diag)-293, DTC P0AA7 HYBRID BATTERY VOLTAGE SYSTEM ISOLATION SENSOR CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0AAD	Hybrid Battery Pack Air Temperature Sensor "A" Circuit Range/Performance	<Ref. to HEV(diag)-293, DTC P0AAD HYBRID BATTERY PACK AIR TEMPERATURE SENSOR "A" CIRCUIT RANGE/PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0AAE	Hybrid Battery Pack Air Temperature Sensor "A" Circuit Low	<Ref. to HEV(diag)-293, DTC P0AAE HYBRID BATTERY PACK AIR TEMPERATURE SENSOR "A" CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0AAF	Hybrid Battery Pack Air Temperature Sensor "A" Circuit High	<Ref. to HEV(diag)-293, DTC P0AAF HYBRID BATTERY PACK AIR TEMPERATURE SENSOR "A" CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0ABF	Hybrid Battery Pack Current Sensor "A" Circuit	<Ref. to HEV(diag)-294, DTC P0ABF HYBRID BATTERY PACK CURRENT SENSOR "A" CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

DTC	Item	Note
P0AC0	Hybrid Battery Pack Current Sensor "A" Circuit Range/Performance	<Ref. to HEV(diag)-294, DTC P0AC0 HYBRID BATTERY PACK CURRENT SENSOR "A" CIRCUIT RANGE/PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0AC1	Hybrid Battery Pack Current Sensor "A" Circuit Low	<Ref. to HEV(diag)-294, DTC P0AC1 HYBRID BATTERY PACK CURRENT SENSOR "A" CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0AC2	Hybrid Battery Pack Current Sensor "A" Circuit High	<Ref. to HEV(diag)-294, DTC P0AC2 HYBRID BATTERY PACK CURRENT SENSOR "A" CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0AC3	Hybrid Battery Pack Current Sensor "A" Circuit Intermittent/Erratic	<Ref. to HEV(diag)-295, DTC P0AC3 HYBRID BATTERY PACK CURRENT SENSOR "A" CIRCUIT INTERMITTENT/ERRATIC, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0AC6	Hybrid Battery Temperature Sensor "B" Circuit Range/Performance	<Ref. to HEV(diag)-295, DTC P0AC6 HYBRID BATTERY TEMPERATURE SENSOR "B" CIRCUIT RANGE/PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0AC7	Hybrid Battery Temperature Sensor "B" Circuit Low	<Ref. to HEV(diag)-296, DTC P0AC7 HYBRID BATTERY TEMPERATURE SENSOR "B" CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0AC8	Hybrid Battery Temperature Sensor "B" Circuit High	<Ref. to HEV(diag)-296, DTC P0AC8 HYBRID BATTERY TEMPERATURE SENSOR "B" CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0ACB	Hybrid Battery Temperature Sensor "C" Circuit Range/Performance	<Ref. to HEV(diag)-296, DTC P0ACB HYBRID BATTERY TEMPERATURE SENSOR "C" CIRCUIT RANGE/PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0ACC	Hybrid Battery Temperature Sensor "C" Circuit Low	<Ref. to HEV(diag)-296, DTC P0ACC HYBRID BATTERY TEMPERATURE SENSOR "C" CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0ACD	Hybrid Battery Temperature Sensor "C" Circuit High	<Ref. to HEV(diag)-297, DTC P0ACD HYBRID BATTERY TEMPERATURE SENSOR "C" CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0AD9	Hybrid Battery Positive Contactor Control Circuit/Open	<Ref. to HEV(diag)-297, DTC P0AD9 HYBRID BATTERY POSITIVE CONTACTOR CONTROL CIRCUIT/OPEN, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0ADB	Hybrid Battery Positive Contactor Control Circuit Low	<Ref. to HEV(diag)-297, DTC P0ADB HYBRID BATTERY POSITIVE CONTACTOR CONTROL CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0ADD	Hybrid Battery Negative Contactor Control Circuit/Open	<Ref. to HEV(diag)-297, DTC P0ADD HYBRID BATTERY NEGATIVE CONTACTOR CONTROL CIRCUIT/OPEN, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0ADF	Hybrid Battery Negative Contactor Control Circuit Low	<Ref. to HEV(diag)-298, DTC P0ADF HYBRID BATTERY NEGATIVE CONTACTOR CONTROL CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0AE4	Hybrid Battery Precharge Contactor Control Circuit	<Ref. to HEV(diag)-298, DTC P0AE4 HYBRID BATTERY PRECHARGE CONTACTOR CONTROL CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0AE6	Hybrid Battery Precharge Contactor Control Circuit Low	<Ref. to HEV(diag)-298, DTC P0AE6 HYBRID BATTERY PRECHARGE CONTACTOR CONTROL CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0B25	Hybrid Battery "A" Voltage Low	<Ref. to HEV(diag)-299, DTC P0B25 HYBRID BATTERY "A" VOLTAGE LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0B26	Hybrid Battery "A" Voltage High	<Ref. to HEV(diag)-301, DTC P0B26 HYBRID BATTERY "A" VOLTAGE HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0B37	High Voltage Service Disconnect Open	<Ref. to HEV(diag)-303, DTC P0B37 HIGH VOLTAGE SERVICE DISCONNECT OPEN, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

DTC	Item	Note
P0B3C	Hybrid Battery Voltage Sense "A" Circuit Range/Performance	<Ref. to HEV(diag)-304, DTC P0B3C HYBRID BATTERY VOLTAGE SENSE "A" CIRCUIT RANGE/PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0B3D	Hybrid Battery Voltage Sense "A" Circuit Low	<Ref. to HEV(diag)-304, DTC P0B3D HYBRID BATTERY VOLTAGE SENSE "A" CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0B3E	Hybrid Battery Voltage Sense "A" Circuit High	<Ref. to HEV(diag)-304, DTC P0B3E HYBRID BATTERY VOLTAGE SENSE "A" CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0B41	Hybrid Battery Voltage Sense "B" Circuit Range/Performance	<Ref. to HEV(diag)-305, DTC P0B41 HYBRID BATTERY VOLTAGE SENSE "B" CIRCUIT RANGE/PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0B42	Hybrid Battery Voltage Sense "B" Circuit Low	<Ref. to HEV(diag)-305, DTC P0B42 HYBRID BATTERY VOLTAGE SENSE "B" CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0B43	Hybrid Battery Voltage Sense "B" Circuit High	<Ref. to HEV(diag)-305, DTC P0B43 HYBRID BATTERY VOLTAGE SENSE "B" CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0B46	Hybrid Battery Voltage Sense "C" Circuit Range/Performance	<Ref. to HEV(diag)-305, DTC P0B46 HYBRID BATTERY VOLTAGE SENSE "C" CIRCUIT RANGE/PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0B47	Hybrid Battery Voltage Sense "C" Circuit Low	<Ref. to HEV(diag)-306, DTC P0B47 HYBRID BATTERY VOLTAGE SENSE "C" CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0B48	Hybrid Battery Voltage Sense "C" Circuit High	<Ref. to HEV(diag)-306, DTC P0B48 HYBRID BATTERY VOLTAGE SENSE "C" CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0B4A	Hybrid Battery Voltage Sense "D" Circuit	<Ref. to HEV(diag)-306, DTC P0B4A HYBRID BATTERY VOLTAGE SENSE "D" CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0B4B	Hybrid Battery Voltage Sense "D" Circuit Range/Performance	<Ref. to HEV(diag)-306, DTC P0B4B HYBRID BATTERY VOLTAGE SENSE "D" CIRCUIT RANGE/PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0B4C	Hybrid Battery Voltage Sense "D" Circuit Low	<Ref. to HEV(diag)-307, DTC P0B4C HYBRID BATTERY VOLTAGE SENSE "D" CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0B4D	Hybrid Battery Voltage Sense "D" Circuit High	<Ref. to HEV(diag)-307, DTC P0B4D HYBRID BATTERY VOLTAGE SENSE "D" CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0B50	Hybrid Battery Voltage Sense "E" Circuit Range/Performance	<Ref. to HEV(diag)-307, DTC P0B50 HYBRID BATTERY VOLTAGE SENSE "E" CIRCUIT RANGE/PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0B51	Hybrid Battery Voltage Sense "E" Circuit Low	<Ref. to HEV(diag)-307, DTC P0B51 HYBRID BATTERY VOLTAGE SENSE "E" CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0B52	Hybrid Battery Voltage Sense "E" Circuit High	<Ref. to HEV(diag)-308, DTC P0B52 HYBRID BATTERY VOLTAGE SENSE "E" CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0B55	Hybrid Battery Voltage Sense "F" Circuit Range/Performance	<Ref. to HEV(diag)-308, DTC P0B55 HYBRID BATTERY VOLTAGE SENSE "F" CIRCUIT RANGE/PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0B56	Hybrid Battery Voltage Sense "F" Circuit Low	<Ref. to HEV(diag)-308, DTC P0B56 HYBRID BATTERY VOLTAGE SENSE "F" CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0B57	Hybrid Battery Voltage Sense "F" Circuit High	<Ref. to HEV(diag)-308, DTC P0B57 HYBRID BATTERY VOLTAGE SENSE "F" CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

DTC	Item	Note
P0B5A	Hybrid Battery Voltage Sense "G" Circuit Range/Performance	<Ref. to HEV(diag)-309, DTC P0B5A HYBRID BATTERY VOLTAGE SENSE "G" CIRCUIT RANGE/PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0B5B	Hybrid Battery Voltage Sense "G" Circuit Low	<Ref. to HEV(diag)-309, DTC P0B5B HYBRID BATTERY VOLTAGE SENSE "G" CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0B5C	Hybrid Battery Voltage Sense "G" Circuit High	<Ref. to HEV(diag)-309, DTC P0B5C HYBRID BATTERY VOLTAGE SENSE "G" CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0BB8	Hybrid Battery Voltage Sense "Z" Circuit	<Ref. to HEV(diag)-309, DTC P0BB8 HYBRID BATTERY VOLTAGE SENSE "Z" CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0C30	Hybrid Battery Pack State of Charge High	<Ref. to HEV(diag)-310, DTC P0C30 HYBRID BATTERY PACK STATE OF CHARGE HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0C78	Hybrid Battery System Precharge Time Too Long	<Ref. to HEV(diag)-311, DTC P0C78 HYBRID BATTERY SYSTEM PRECHARGE TIME TOO LONG, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0CA6	Hybrid Battery Charging Current High	<Ref. to HEV(diag)-314, DTC P0CA6 HYBRID BATTERY CHARGING CURRENT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0CA7	Hybrid Battery Discharging Current High	<Ref. to HEV(diag)-316, DTC P0CA7 HYBRID BATTERY DISCHARGING CURRENT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1C40	Hybrid Battery Positive Contactor or Pre-Charge Contactor Circuit Stuck Closed	<Ref. to HEV(diag)-318, DTC P1C40 HYBRID BATTERY POSITIVE CONTACTOR OR PRE-CHARGE CONTACTOR CIRCUIT STUCK CLOSED, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1C41	High Voltage Circuit Short	<Ref. to HEV(diag)-320, DTC P1C41 HIGH VOLTAGE CIRCUIT SHORT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1C42	High Voltage Circuit Open	<Ref. to HEV(diag)-323, DTC P1C42 HIGH VOLTAGE CIRCUIT OPEN, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1C43	Hybrid Battery Contactor Power Supply Circuit	<Ref. to HEV(diag)-325, DTC P1C43 HYBRID BATTERY CONTACTOR POWER SUPPLY CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1C44	Sub CPU in BECM	<Ref. to HEV(diag)-325, DTC P1C44 SUB CPU IN BECM, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1C45	Hybrid Battery Block 1 Balancing Performance	<Ref. to HEV(diag)-326, DTC P1C45 HYBRID BATTERY BLOCK 1 BALANCING PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1C46	Hybrid Battery Block 2 Balancing Performance	<Ref. to HEV(diag)-326, DTC P1C46 HYBRID BATTERY BLOCK 2 BALANCING PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1C47	Hybrid Battery Block 3 Balancing Performance	<Ref. to HEV(diag)-326, DTC P1C47 HYBRID BATTERY BLOCK 3 BALANCING PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1C48	Hybrid Battery Block 4 Balancing Performance	<Ref. to HEV(diag)-326, DTC P1C48 HYBRID BATTERY BLOCK 4 BALANCING PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1C49	Hybrid Battery Block 5 Balancing Performance	<Ref. to HEV(diag)-327, DTC P1C49 HYBRID BATTERY BLOCK 5 BALANCING PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1C4A	Hybrid Battery Block 6 Balancing Performance	<Ref. to HEV(diag)-327, DTC P1C4A HYBRID BATTERY BLOCK 6 BALANCING PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

DTC	Item	Note
P1C5E	Hybrid Battery Block Voltage Too Low	<Ref. to HEV(diag)-327, DTC P1C5E HYBRID BATTERY BLOCK VOLTAGE TOO LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U0076	Control Module Communication Bus "HEV-CAN" Off	<Ref. to HEV(diag)-328, DTC U0076 CONTROL MODULE COMMUNICATION BUS "HEV-CAN" OFF, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U0110	Lost Communication With Drive Motor Control Module "A"	<Ref. to HEV(diag)-329, DTC U0110 LOST COMMUNICATION WITH DRIVE MOTOR CONTROL MODULE "A", Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U0411	Invalid Data Received From Drive Motor Control Module "A"	<Ref. to HEV(diag)-331, DTC U0411 INVALID DATA RECEIVED FROM DRIVE MOTOR CONTROL MODULE "A", Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U1290	Lost Communication With Hybrid Powertrain Control Module HEV-CAN	<Ref. to HEV(diag)-334, DTC U1290 LOST COMMUNICATION WITH HYBRID POWERTRAIN CONTROL MODULE HEV-CAN, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
U1591	Invalid Data Received From Hybrid Powertrain Control Module HEV-CAN	<Ref. to HEV(diag)-334, DTC U1591 INVALID DATA RECEIVED FROM HYBRID POWERTRAIN CONTROL MODULE HEV-CAN, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>