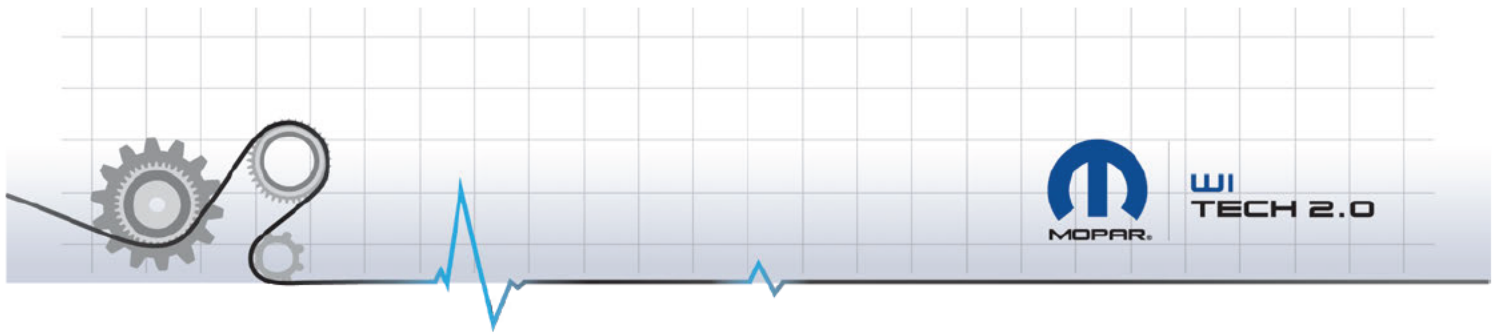


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CUSTOM REPORT

Vehicle 2020 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
VIN [REDACTED]

Odometer 10885.5 miles
Publication Date Sep 28, 2021, 1:50:52 PM

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
EPS	U148D-00	Implausible Data Received from Forward Facing Camera-	Stored
ACC	C2225-00	PCM Disabled ECU-	Stored
ACC	U148D-00	Implausible Data Received from Forward Facing Camera-	Stored
BPCM	P1AA2-00	Hybrid/EV Battery Temperature Sensor 3 Out of Range Low-	Stored
BPCM	P1A21-00	HV Battery Contactor Control Sequence Incorrect-	Stored
BPCM	P1A9E-00	Hybrid/EV Battery Temperature Sensor 2 Out of Range Low-	Stored



VEHICLE SCAN REPORT

Vehicle 2020 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
VIN [REDACTED]

Odometer 10885.5 miles
Publication Date Sep 28, 2021, 1:51:09 PM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
PCM	Powertrain Control Module	CAN-C	68444228AE	[REDACTED]	[REDACTED]	68444228AE
ICS	Integrated Center Stack	CAN-I				
RFH	Radio Frequency Hub	CAN-C	68453559AB			68453559AB
ESM	Electronic Shifter	CAN-C	68240089AM			68240089AM
ORC	Occupant Restraint	CAN-C	68453076AD			68453076AD
EPS	Electric Power Steering	CAN-C	68460392AA			68460392AA
HVAC	Heat, Ventilation and A/C	CAN-I				
DDM	Driver Door Module	CAN-I				
PDM	Passenger Door Module	CAN-I				
DMRL	Door Module Rear Left	CAN-I				
DMRR	Door Module Rear Right	CAN-I				
PSDML	Power Sliding Doors (Left)	CAN-I				
PSDMR	Power Sliding Doors (Right)	CAN-I				
MSM	Memory Seat Module	CAN-I				
PLGM	Power Liftgate	CAN-I				
CSWM	Comfort Seat Wheel Module	CAN-I				
AMP	Amplifier	CAN-I				
IPC	Instrument Panel Cluster	CAN-C	[REDACTED]			68434956AD
PTS	Parktronics	CAN-C				68193775AJ
SCCM	Steering Column Control Module	CAN-C				68360889AD
BCM	Body Controller	CAN-C				68424601AF

Pag					
ACC	Adaptive Cruise Control	CAN-C	68417813AF		68417813AF
RADIO	Radio	CAN-I			
OCM	Occupant Classification	CAN-C	68403127AA		68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I			
LBSS	Left Blind Spot Sensor	CAN-I			
RBSS	Right Blind Spot Sensor	CAN-I			
FFCM	Forward Facing Camera Module	CAN-C	68493395AA		68493395AA
EDM	External Disc Module	CAN-I			
APM	Accessory Power Module	CAN-C	05185046AB		05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193166AD		05193166AD
HCP	Hybrid Control Processor	CAN-C	05190289AC		05190289AC
OBCM	On Board Charging Module	CAN-C	05185047AE		05185047AE
MSMP	Memory Seat Module - Passenger	CAN-I			
DSM	Display Screen Module	CAN-I			
VRM	Video Routing Module	CAN-I			
RCCC	Rear Cabin Comfort Controls	CAN-I			
CVPM	Central vision processing module	CAN-I			
EAC	Electric A/C Compressor	CAN-C	68237995AG		68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05190290AC		05190290AC
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB		68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD		68471122AD
SGW	Security Gateway Module	CAN-C	68447193AB		68447193AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
PCM	USA	1B 47	46 03 01	4419	31D751B0
ICS					
RFH	USA / USA	10 17 00	13 09 00	4A00	
ESM	USA / USA	0F 24 00	12 28 FF	4402	
ORC	USA / USA	12 1A 00	13 2E 00	4301	
EPS	USA / USA	12 2A 00	12 1E 01	4502	
HVAC					

DDM					
PDM					
DMRL					
DMRR					
PSDML					
PSDMR					
MSM					
PLGM					
CSWM					
AMP					
IPC	USA / USA	12 06 00	14 0B 00	4704	
PTS	USA	0E 32 00	12 1F 00	4311	
SCCM	USA	13 28 00	13 29 00	4301	
BCM	USA	0D 11 00	14 1B 90	4415	
ACC	USA / USA	14 12 01	14 1D 01	4400	
RADIO					
OCM	USA / USA	11 1F 01	0E 2F 02	4030	
HVACR					
LBSS					
RBSS					
FFCM	USA / USA	11 06 00	13 1E 00	4102	
EDM					
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM	Not programmed / COUNTRY_SNA	0E 03 00	13 18 03	4005	F5BC8401
HCP	USA	11 1D 07	13 30 01	4005	92BCF62B 04D8393A 050DC953
OBCM	USA	0F 0D 00	12 02 00	4002	
MSMP					
DSM					
VRM					
RCCC					
CVPM					
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1D 07	13 30 01	4000	
EBBM	USA	0E 19 02	14 0D 18	4000	E5898FA5
ABSO	USA	0E 15 02	14 1B 26	4201	4F158D1B
SGW		5	779	4103	

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
EPS	U148D-00	Implausible Data Received from Forward Facing Camera-	Stored
ACC	C2225-00	PCM Disabled ECU-	Stored
ACC	U148D-00	Implausible Data Received from Forward Facing Camera-	Stored
BPCM	P1AA2-00	Hybrid/EV Battery Temperature Sensor 3 Out of Range Low-	Stored

BPCM	P1A21-00	HV Battery Contactor Control Sequence Incorrect-	Stored
BPCM	P1A9E-00	Hybrid/EV Battery Temperature Sensor 2 Out of Range Low-	Stored

ENVIRONMENTAL DATA SUMMARY

EPS | U148D-00 | Stored | Implausible Data Received from Forward Facing Camera-

NAME	VALUE	UNITS
DTC	D4 8D 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Original Odometer Value	10578	miles
Most Recent Odometer Value	10578	miles
Frequency Counter	1	
Ignition Cycle Counter	58	
Supplier Internal Fault Code	01 90 01	
EPS Internal Filtered Vehicle Speed	1.359	MPH
EPS Internal Steering Wheel Angle (Sign convention is positive angle towards left steering lock)	-22.72	Deg
EPS Steering Wheel Velocity	-0.09	deg/s
EPS System Current Draw	0	A
EPS Measured Module Voltage	14.22	V
EPS Steering Wheel Torque	0.5819	Ft-Lbs
EPS Measured Module Temperature	101.9	°F
CAN Battery Voltage	14.1	Volts

ACC | C2225-00 | Stored | PCM Disabled ECU-

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Original Odometer Value	10876	miles
Most Recent Odometer Value	10876	miles

Frequency Counter	1	
Operation Cycle Counter	7	
Vehicle Speed	71	MPH
Engine RPM	1536	rpm
ACC Set Speed	77	MPH
Object of Interest Distance	830	FEET
Engine Torque Request	SNA	Ft-Lbs
PRNDL Status	D range	
Ignition Voltage	14.3	
System Voltage	14.5	Volts

ACC | U148D-00 | Stored | Implausible Data Received from Forward Facing Camera-

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Original Odometer Value	10578	miles
Most Recent Odometer Value	10578	miles
Frequency Counter	1	
Operation Cycle Counter	59	
Vehicle Speed	0	MPH
Engine RPM	0	rpm
ACC Set Speed	0	MPH
Object of Interest Distance	830	FEET
Engine Torque Request	SNA	Ft-Lbs
PRNDL Status	R range	
Ignition Voltage	14.2	
System Voltage	14.2	Volts

BPCM | P1AA2-00 | Stored | Hybrid/EV Battery Temperature Sensor 3 Out of Range Low-

NAME	VALUE	UNITS
Frequency Counter	1	
Ignition Cycle Counter	1	
FoM - for this DTC (lifetime fails)	1	events
FoM - for this DTC (lifetime fails counts on pass)	26.4800	seconds
FoM - for this DTC (lifetime longest fail on pass)	4.000	seconds
Battery Total Time Awake	32894026	seconds
Key in Ignition	Key_Def	

Key Position	Ign_ Run	
EPT -WakeUp	Sourced	
HCP Contactor Command	Open	
Qualified Contactor Command - QCC	Open	
Verified Contactor Command - VCC	Open	
Contactor Status	Open	
Plug in Status	Not plugged in	
ChargingLevel	Plug in, but no charge	
Balance Mode	False	
Battery in Periodic wake up (Just battery) at time of Fault	False	
Battery in Periodic wake up (Wake up vehicle) at time of Fault	False	
Vehicle mileage at time of fault (ODO signal in \$3D2)	10885.32	miles
Battery Lifetime Miles	237.21	miles
Vehicle Speed	37.0	MPH
System (12) Volts at time of fault	12.549	Volts
Battery Lifetime AmpHrs of Charge	8700.4	AHr
Battery Lifetime AmpHrs of DisCharge	8689.0	AHr
SOC at time of Fault	25.9	%
Power Up SOC at time of Fault	24.7	%
HVIL Status -Vehicle	PASS	
HVIL Status - Battery pack	PASS	
HVIL PWM Duty Cycle - Vehicle	50.2	%
HVIL PWM Frequency - Vehicle	87.9	Hz
HVIL PWM peak voltage Sourced - Vehicle	11.290	Volts
HVIL PWM peak voltage Sensed - Vehicle	11.189	Volts
HVIL Source Voltage- Battery	1.370	Volts
HVIL Returned current - Battery	30.40	mA
HV Battery Current Sensor 1 Hall High	-1.05	Amps
HV Battery Current Sensor 2 Hall Low	0.00	Amps
HV Battery Current HVBatCrnt	0.00	Amps
HV Cooling Speed Pump 1 Target	150	rpm
HV Cooling Speed pump 1 Speed	150	rpm
Charge indicator Temp	95	°F
BPCM temperature max	131	°F
BPCM temperature min	127	°F
Pump - Wire Open\Short to Gnd	PASS	
Pump - Dry Run Detection	PASS	
Pump - Overcurrent	PASS	
Pump - Overtemperature	PASS	
Pump - Switch Power Shorted	PASS	
Isolation Circuitry Va	2.498	Volts
Isolation Circuitry Vb	2.501	Volts
Isolation Circuitry Vd	0.000	Volts
WC and Circuitry 2.5V Reference Voltage	2.501	Volts

WC and Circuitry Vcc Voltage	5.029	Volts
WC and CircuitryISO 8V Reference Voltage	7.980	Volts
WC and Circuitry Weld Contactor Sensor G (Pack Negative) Voltage	-207.2	Volts
Cycles left to self heal	40	No Unit
Fault trigger level 1	False	
Fault trigger level 2	False	
Fault trigger level 3	False	
Fault Path	01	
HV Battery Charge Power 2sec	3000	watts
HV Battery Charge Power 10sec	3000	watts
HV Battery Discharge Power 2sec	3000	watts
HV Battery Discharge Power 10sec	3000	watts
HV Battery Power	007530	watts
Key - DriveRdy (CAN)	True	
Battery Lifetime Number Of Closes	2349	
Battery Full AmpHr Capacity	47	AmpHrs
Cell Impedance Max Discharge	0	mOhms
Cell Impedance Mim Discharge	0	mOhms
Battery Cell Voltage Maximum	3586	mV
Battery Cell Voltage Minimum	3582	mV
Battery Cell Voltage Average	3585	mV
Battery Cell Highest Cell number	80	
Battery Cell Lowest Cell number	02	
HV Battery Voltage (cell sum)	344.10	Volts
HV Battery Voltage (Module Sum)	343.50	Volts
HV Sensor A Pack Voltage	344.20	Volts
HV Sensor B Bus\Link (Pre-Fuse) Voltage	71.60	Volts
HV Sensor C OBCM (HVOBC Fuse) Voltage	71.50	Volts
HV Sensor D Heater (HVHTR Fuse) Voltage	71.50	Volts
HV Sensor G Weld Contactor(Pack Negative) Voltage	-207.2	Volts
Battery Temperature Maximum Module	131	°F
Battery Temperature Minimum Module	127	°F
Battery Temperature Average Module	129	°F
Battery Temperature Highest Sensor number	04	
Battery Temperature Lowest Sensor number	12	
Battery Temperature Number of Failing Sensors	00	
HV Cooling Pump Relay Drive	Not Sourced	
HV Cooling Battery coolant inlet temp	138	°F
HV Cooling Battery coolant outlet temp	138	°F
HV Cooling OBCM temp inlet Temp	100	°F
Pump - Battery Coolant Level Low	False	
Isolation Vehicle Diagnostic Status	Run and Passed	
Isolation Vehicle Impedance	6.3260	Mega Ohms
Isolation Battery Diagnostic Status	Run and Passed	

Isolation Battery Impedance	0.8480	Mega Ohms
HV Bat SOH-R	83.1	%
HV Bat SOH-C	89.8	%
BPCM Sec Asic Reset Req	Not active	
BPCM Sec QA Error Counter	0	cnts
BPCM Sec MM Hw Reset Error Counter	0	cnts
BPCM Sec Asic Fault Input	Not active	
BPCM Sec CC Path Test Active	Not active	
BPCM L2 General Monitoring Flt Rsn	L2L1_CELL_MAX_V_CMP_FLT	
BPCM L2 CC Path Test Req	Undetermined	
BPCM L2 Contactor Dslb Req	Undetermined	
BPCM L2 ASIC Diagnostic Flt Rsn	ADCTest	
BPCM Sec HW Timer Status	Not active	
BPCM Sec Contactor State	Open	
BPCM Main HW Timer Status	Not active	
BPCM Sec Asic Fault State	NOTASSERTED	
BPCM L2 SM Hw Reset Error Counter	0	No Unit
Engine Speed	0	rpm
Accelerator position	92.9	%
Real time clock	429496.7295	seconds
Real time clock-OS Task Delay Timer	1	
Real Time Clock Validity	True	
DTC	1A A2 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Original Odometer Value	10876	miles
Most Recent Odometer Value	10876	miles
DTC Extended Data Record Number - 2	64	

BPCM | P1A21-00 | Stored | HV Battery Contactor Control Sequence Incorrect-

NAME	VALUE	UNITS
Frequency Counter	1	
Ignition Cycle Counter	2	
FoM - for this DTC (lifetime fails)	1	events
FoM - for this DTC (lifetime fails counts on pass)	0.0000	seconds
FoM - for this DTC (lifetime longest fail on pass)	0.000	seconds

Battery Total Time Awake	32894008	seconds
Key in Ignition	Key_Def	
Key Position	Ign_Run	
EPT -WakeUp	Sourced	
HCP Contactor Command	Closed	
Qualified Contactor Command - QCC	Closed	
Verified Contactor Command - VCC	Closed Restricted	
Contactor Status	Open	
Plug in Status	Not plugged in	
ChargingLevel	Plug in, but no charge	
Balance Mode	False	
Battery in Periodic wake up (Just battery) at time of Fault	False	
Battery in Periodic wake up (Wake up vehicle) at time of Fault	False	
Vehicle mileage at time of fault (ODO signal in \$3D2)	10885.32	miles
Battery Lifetime Miles	237.21	miles
Vehicle Speed	41.0	MPH
System (12) Volts at time of fault	12.794	Volts
Battery Lifetime AmpHrs of Charge	8700.4	AHr
Battery Lifetime AmpHrs of DisCharge	8689.0	AHr
SOC at time of Fault	25.9	%
Power Up SOC at time of Fault	24.7	%
HVIL Status -Vehicle	PASS	
HVIL Status - Battery pack	PASS	
HVIL PWM Duty Cycle - Vehicle	50.2	%
HVIL PWM Frequency - Vehicle	87.9	Hz
HVIL PWM peak voltage Sourced - Vehicle	11.601	Volts
HVIL PWM peak voltage Sensed - Vehicle	11.487	Volts
HVIL Source Voltage- Battery	1.370	Volts
HVIL Returned current - Battery	30.40	mA
HV Battery Current Sensor 1 Hall High	-1.05	Amps
HV Battery Current Sensor 2 Hall Low	0.00	Amps
HV Battery Current HVBatCrnt	0.00	Amps
HV Cooling Speed Pump 1 Target	600	rpm
HV Cooling Speed pump 1 Speed	450	rpm
Charge indicator Temp	95	°F
BPCM temperature max	131	°F
BPCM temperature min	127	°F
Pump - Wire Open\Short to Gnd	PASS	
Pump - Dry Run Detection	PASS	
Pump - Overcurrent	PASS	
Pump - Overtemperature	PASS	
Pump - Switch Power Shorted	PASS	
Isolation Circuitry Va	2.498	Volts
Isolation Circuitry Vb	2.501	Volts

Isolation Circuitry Vd	0.000	Volts
WC and Circuitry 2.5V Reference Voltage	2.501	Volts
WC and Circuitry Vcc Voltage	5.029	Volts
WC and Circuitry ISO 8V Reference Voltage	7.980	Volts
WC and Circuitry Weld Contactor Sensor G (Pack Negative) Voltage	-183.6	Volts
Cycles left to self heal	40	No Unit
Fault trigger level 1	False	
Fault trigger level 2	False	
Fault trigger level 3	False	
Fault Path	01	
HV Battery Charge Power 2sec	3000	watts
HV Battery Charge Power 10sec	3000	watts
HV Battery Discharge Power 2sec	3000	watts
HV Battery Discharge Power 10sec	3000	watts
HV Battery Power	007530	watts
Key - DriveRdy (CAN)	True	
Battery Lifetime Number Of Closes	2349	
Battery Full AmpHr Capacity	47	AmpHrs
Cell Impedance Max Discharge	0	mOhms
Cell Impedance Mim Discharge	0	mOhms
Battery Cell Voltage Maximum	3588	mV
Battery Cell Voltage Minimum	3583	mV
Battery Cell Voltage Average	3586	mV
Battery Cell Highest Cell number	80	
Battery Cell Lowest Cell number	53	
HV Battery Voltage (cell sum)	344.20	Volts
HV Battery Voltage (Module Sum)	343.70	Volts
HV Sensor A Pack Voltage	344.20	Volts
HV Sensor B Bus\Link (Pre-Fuse) Voltage	220.00	Volts
HV Sensor C OBCM (HVOBC Fuse) Voltage	196.80	Volts
HV Sensor D Heater (HVHTR Fuse) Voltage	184.00	Volts
HV Sensor G Weld Contactor(Pack Negative) Voltage	-183.6	Volts
Battery Temperature Maximum Module	131	°F
Battery Temperature Minimum Module	127	°F
Battery Temperature Average Module	129	°F
Battery Temperature Highest Sensor number	04	
Battery Temperature Lowest Sensor number	12	
Battery Temperature Number of Failing Sensors	00	
HV Cooling Pump Relay Drive	Not Sourced	
HV Cooling Battery coolant inlet temp	138	°F
HV Cooling Battery coolant outlet temp	138	°F
HV Cooling OBCM temp inlet Temp	100	°F
Pump - Battery Coolant Level Low	False	
Isolation Vehicle Diagnostic Status	Run and Passed	

Isolation Vehicle Impedance	6.3260	Mega Ohms
Isolation Battery Diagnostic Status	Run and Passed	
Isolation Battery Impedance	0.8480	Mega Ohms
HV Bat SOH-R	83.1	%
HV Bat SOH-C	89.8	%
BPCM Sec Asic Reset Req	Not active	
BPCM Sec QA Error Counter	0	cnts
BPCM Sec MM Hw Reset Error Counter	0	cnts
BPCM Sec Asic Fault Input	Not active	
BPCM Sec CC Path Test Active	Not active	
BPCM L2 General Monitoring Flt Rsn	L2L1_CELL_MAX_V_CMP_FLT	
BPCM L2 CC Path Test Req	Undetermined	
BPCM L2 Contactor Dslb Req	Undetermined	
BPCM L2 ASIC Diagnostic Flt Rsn	ADCTest	
BPCM Sec HW Timer Status	Not active	
BPCM Sec Contactor State	Open	
BPCM Main HW Timer Status	Not active	
BPCM Sec Asic Fault State	NOTASSERTED	
BPCM L2 SM Hw Reset Error Counter	0	No Unit
Engine Speed	0	rpm
Accelerator position	7.8	%
Real time clock	429496.7295	seconds
Real time clock-OS Task Delay Timer	1	
Real Time Clock Validity	True	
DTC	1A 21 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Original Odometer Value	10876	miles
Most Recent Odometer Value	10876	miles
DTC Extended Data Record Number - 2	5D	

BPCM | P1A9E-00 | Stored | Hybrid/EV Battery Temperature Sensor 2 Out of Range Low-

NAME	VALUE	UNITS
Frequency Counter	1	
Ignition Cycle Counter	1	
FoM - for this DTC (lifetime fails)	1	events

FoM - for this DTC (lifetime fails counts on pass)	10.2400	seconds
FoM - for this DTC (lifetime longest fail on pass)	3.680	seconds
Battery Total Time Awake	32893978	seconds
Key in Ignition	Key_Def	
Key Position	Ign_ Run	
EPT -WakeUp	Sourced	
HCP Contactor Command	Closed	
Qualified Contactor Command - QCC	Closed	
Verified Contactor Command - VCC	Closed Restricted	
Contactor Status	Closed	
Plug in Status	Not plugged in	
ChargingLevel	Plug in, but no charge	
Balance Mode	False	
Battery in Periodic wake up (Just battery) at time of Fault	False	
Battery in Periodic wake up (Wake up vehicle) at time of Fault	False	
Vehicle mileage at time of fault (ODO signal in \$3D2)	10884.85	miles
Battery Lifetime Miles	236.59	miles
Vehicle Speed	72.0	MPH
System (12) Volts at time of fault	14.537	Volts
Battery Lifetime AmpHrs of Charge	8700.3	AHr
Battery Lifetime AmpHrs of DisCharge	8689.0	AHr
SOC at time of Fault	25.9	%
Power Up SOC at time of Fault	24.7	%
HVIL Status -Vehicle	PASS	
HVIL Status - Battery pack	PASS	
HVIL PWM Duty Cycle - Vehicle	50.2	%
HVIL PWM Frequency - Vehicle	87.9	Hz
HVIL PWM peak voltage Sourced - Vehicle	13.155	Volts
HVIL PWM peak voltage Sensed - Vehicle	13.086	Volts
HVIL Source Voltage- Battery	1.370	Volts
HVIL Returned current - Battery	30.40	mA
HV Battery Current Sensor 1 Hall High	-15.55	Amps
HV Battery Current Sensor 2 Hall Low	-13.25	Amps
HV Battery Current HVBatCrnt	-13.00	Amps
HV Cooling Speed Pump 1 Target	600	rpm
HV Cooling Speed pump 1 Speed	600	rpm
Charge indicator Temp	95	°F
BPCM temperature max	131	°F
BPCM temperature min	127	°F
Pump - Wire Open\Short to Gnd	PASS	
Pump - Dry Run Detection	PASS	
Pump - Overcurrent	PASS	
Pump - Overtemperature	PASS	
Pump - Switch Power Shorted	PASS	

Isolation Circuitry Va	2.497	Volts
Isolation Circuitry Vb	2.446	Volts
Isolation Circuitry Vd	0.000	Volts
WC and Circuitry 2.5V Reference Voltage	2.501	Volts
WC and Circuitry Vcc Voltage	5.039	Volts
WC and CircuitryISO 8V Reference Voltage	7.980	Volts
WC and Circuitry Weld Contactor Sensor G (Pack Negative) Voltage	0.2	Volts
Cycles left to self heal	40	No Unit
Fault trigger level 1	False	
Fault trigger level 2	False	
Fault trigger level 3	False	
Fault Path	01	
HV Battery Charge Power 2sec	3000	watts
HV Battery Charge Power 10sec	300	watts
HV Battery Discharge Power 2sec	3000	watts
HV Battery Discharge Power 10sec	300	watts
HV Battery Power	00736E	watts
Key - DriveRdy (CAN)	True	
Battery Lifetime Number Of Closes	2349	
Battery Full AmpHr Capacity	47	AmpHrs
Cell Impedance Max Discharge	0	mOhms
Cell Impedance Mim Discharge	0	mOhms
Battery Cell Voltage Maximum	3586	mV
Battery Cell Voltage Minimum	3578	mV
Battery Cell Voltage Average	3582	mV
Battery Cell Highest Cell number	82	
Battery Cell Lowest Cell number	06	
HV Battery Voltage (cell sum)	343.80	Volts
HV Battery Voltage (Module Sum)	344.30	Volts
HV Sensor A Pack Voltage	344.80	Volts
HV Sensor B Bus\Link (Pre-Fuse) Voltage	344.50	Volts
HV Sensor C OBCM (HVOBC Fuse) Voltage	344.70	Volts
HV Sensor D Heater (HVHTR Fuse) Voltage	344.70	Volts
HV Sensor G Weld Contactor(Pack Negative) Voltage	0.2	Volts
Battery Temperature Maximum Module	131	°F
Battery Temperature Minimum Module	127	°F
Battery Temperature Average Module	129	°F
Battery Temperature Highest Sensor number	04	
Battery Temperature Lowest Sensor number	12	
Battery Temperature Number of Failing Sensors	00	
HV Cooling Pump Relay Drive	Not Sourced	
HV Cooling Battery coolant inlet temp	138	°F
HV Cooling Battery coolant outlet temp	138	°F
HV Cooling OBCM temp inlet Temp	102	°F

Pump - Battery Coolant Level Low	False	
Isolation Vehicle Diagnostic Status	Run and Passed	
Isolation Vehicle Impedance	6.2435	Mega Ohms
Isolation Battery Diagnostic Status	Run and Passed	
Isolation Battery Impedance	0.8480	Mega Ohms
HV Bat SOH-R	83.1	%
HV Bat SOH-C	89.8	%
BPCM Sec Asic Reset Req	Not active	
BPCM Sec QA Error Counter	1	cnts
BPCM Sec MM Hw Reset Error Counter	0	cnts
BPCM Sec Asic Fault Input	Not active	
BPCM Sec CC Path Test Active	Not active	
BPCM L2 General Monitoring Flt Rsn	L2L1_CELL_MAX_V_CMP_FLT	
BPCM L2 CC Path Test Req	Undetermined	
BPCM L2 Contactor Dslb Req	Undetermined	
BPCM L2 ASIC Diagnostic Flt Rsn	ADCTest	
BPCM Sec HW Timer Status	Not active	
BPCM Sec Contactor State	Close	
BPCM Main HW Timer Status	Not active	
BPCM Sec Asic Fault State	NOTASSERTED	
BPCM L2 SM Hw Reset Error Counter	0	No Unit
Engine Speed	5250	rpm
Accelerator position	27.5	%
Real time clock	429496.7295	seconds
Real time clock-OS Task Delay Timer	1	
Real Time Clock Validity	True	
DTC	1A 9E 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Original Odometer Value	10876	miles
Most Recent Odometer Value	10876	miles
DTC Extended Data Record Number - 2	62	

SNAPSHOT DATA SUMMARY

No Snapshot Data available for U148D-00

No Snapshot Data available for C2225-00

No Snapshot Data available for U148D-00

No Snapshot Data available for P1AA2-00

No Snapshot Data available for P1A21-00

No Snapshot Data available for P1A9E-00