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VEHICLE SCAN REPORT

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

Odometer 25925.2 miles
Publication Date Apr 5, 2022, 10:45:21 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
PCM	Powertrain Control Module	CAN-C	68444229AE	[REDACTED]	[REDACTED]	68444229AE
ICS	Integrated Center Stack	CAN-I	6UX601X8AA	[REDACTED]	[REDACTED]	6UX601X8AA
RFH	Radio Frequency Hub	CAN-C	68453560AB	[REDACTED]	[REDACTED]	68453560AB
ESM	Electronic Shifter	CAN-C	68240089AM	[REDACTED]	[REDACTED]	68240089AM
ORC	Occupant Restraint	CAN-C	68453076AD	[REDACTED]	[REDACTED]	68453076AD
EPS	Electric Power Steering	CAN-C	68460392AA	[REDACTED]	[REDACTED]	68460392AA
ANC	Active Noise Cancellation	CAN-I	68440556AB	[REDACTED]	[REDACTED]	68440556AB
HVAC	Heat, Ventilation and A/C	CAN-I	68447893AC	[REDACTED]	[REDACTED]	68447893AC
DDM	Driver Door Module	CAN-I	68424451AC	[REDACTED]	[REDACTED]	68424451AC
PDM	Passenger Door Module	CAN-I	68424450AC	[REDACTED]	[REDACTED]	68424450AC
DMRL	Door Module Rear Left	CAN-I	68225096AG	[REDACTED]	[REDACTED]	68225096AG
DMRR	Door Module Rear Right	CAN-I	68225096AG	[REDACTED]	[REDACTED]	68225096AG
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AD	[REDACTED]	[REDACTED]	68369596AD
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AD	[REDACTED]	[REDACTED]	68369596AD
PLGM	Power Liftgate	CAN-I	68316094AF	[REDACTED]	[REDACTED]	68316094AF
IPC	Instrument Panel Cluster	CAN-C	68434956AC	[REDACTED]	[REDACTED]	68434956AC
PTS	Parktronics	CAN-C	68193772AJ	[REDACTED]	[REDACTED]	68193772AJ
SCCM	Steering Column Control Module	CAN-C	68360888AD	[REDACTED]	[REDACTED]	68360888AD
BCM	Body Controller	CAN-C	68424601AE	[REDACTED]	[REDACTED]	68424601AE
RADIO	Radio	CAN-I	68461774AD	2C4RC1	[REDACTED]	68461774AD
OCM	Occupant Classification	CAN-C	68403127AA	[REDACTED]	[REDACTED]	68403127AA

HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB			68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB			04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB			04672786AB
APM	Accessory Power Module	CAN-C	05185046AB			05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193166AF			05193166AF
HCP	Hybrid Control Processor	CAN-C	05190265AF			05190265AF
OBCM	On Board Charging Module	CAN-C	05185047AE			05185047AE
DSM	Display Screen Module	CAN-I	68316175AC			68316175AC
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30DX9AA			6WL30DX9AA
EAC	Electric A/C Compressor	CAN-C	68237995AG			68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05190266AF			05190266AF
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
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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	
ANC	USA	0F 05 01	12 2C 01	4210	
HVAC	USA	0E 09 00	13 05 01	4401	
DDM	USA	11 07 00	13 0B 00	4202	
PDM	USA	11 07 00	13 0B 00	4202	
DMRL	USA / USA	10 0B 00	12 0C 00	4201	
DMRR	USA / USA	10 0B 00	12 0C 00	4201	
PSDML	USA / USA	10 17 00	14 10 12	4001	
PSDMR	USA / USA	10 17 00	14 10 12	4001	
PLGM	USA	17 19 00	18 22 00	4202	
IPC	USA / USA	12 06 00	13 27 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	13 2C 90	4415	
RADIO	USA	13 31 14	13 31 14	8205	
OCM	USA / USA	11 1F 01	0E 2F 02	4030	
HVACR	USA	0E 09 00	10 03 02	4301	
LBSS	USA / USA	11 30 02	12 0D 00	4202	
RBSS	USA / USA	11 30 02	12 0D 00	4202	
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM		0E 03 00	14 17 00	4005	D721612D
HCP	USA	11 1F 04	19 48 01	4005	6AE19B37 847169A3 050DC953
OBCM	USA	0F 0D 00	12 02 00	4002	
DSM	USA / USA	13 29 00	12 23 00	4000	
RCCC	USA	0F 1D 00	13 04 00	4000	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1F 04	19 48 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
APM	P0AFA-00	Hybrid/EV Battery System Voltage Low-	Active
BPCM	P0E2F-00	High Voltage Fuse B-	Active
HCP	P1D72-00	Open High Voltage Cable-	Active

ENVIRONMENTAL DATA SUMMARY

APM | P0AFA-00 | Active | Hybrid/EV Battery System Voltage Low-

NAME	VALUE	UNITS
DTC	0A FA 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Pending DTC	True	
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	25919	miles
Most Recent Odometer Value	25919	miles
Frequency Counter	3	
Ignition Cycle Counter	0	
APM High Voltage DC Current Set Point	7.0000	AMP

APM Low Voltage DC Current Set Point	100.0000	AMP
HCP Commanded APM Operating Mode	Off	
APM High Voltage DC Voltage Set Point	14.0000	Volt
APM Low Voltage DC Voltage Set Point	14.81	Volt
APM Operation Mode Status Reported from APM	Failure	
APM Derating Mode Status	No de-rating	
APM Derating Reason	Default(Normal Operation)	
APM Failure Mode Status	No failure	
APM Failure Reason	Failure because of short circuit at LV / Failure9	
Low voltage battery voltage from HCP	12.1200	Volt

BPCM | P0E2F-00 | Active | High Voltage Fuse B-

NAME	VALUE	UNITS
DTC	0E 2F 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Pending DTC	True	
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	25919	miles
Most Recent Odometer Value	25919	miles
Frequency Counter	3	
Ignition Cycle Counter	0	
FoM - for this DTC (lifetime fails)	2	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	50884264	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)	25924.95	miles

Battery Lifetime Miles	0.00	miles
Vehicle Speed	0.0	MPH
System (12) Volts at time of fault	12.243	Volts
Battery Lifetime AmpHrs of Charge	9653.0	AHr
Battery Lifetime AmpHrs of DisCharge	9612.3	AHr
SOC at time of Fault	88.6	%
Power Up SOC at time of Fault	88.6	%
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	11.042	Volts
HVIL PWM peak voltage Sensed - Vehicle	11.009	Volts
HVIL Source Voltage- Battery	1.377	Volts
HVIL Returned current - Battery	30.20	mA
HV Battery Current Sensor 1 Hall High	-2.30	Amps
HV Battery Current Sensor 2 Hall Low	0.00	Amps
HV Battery Current HVBatCmt	0.00	Amps
HV Cooling Speed Pump 1 Target	0	rpm
HV Cooling Speed pump 1 Speed	0	rpm
Charge indicator Temp	75	°F
BPCM temperature max	72	°F
BPCM temperature min	70	°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	2.500	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	4.992	Volts
WC and CircuitryISO 8V Reference Voltage	7.985	Volts
WC and Circuitry Weld Contactor Sensor G (Pack Negative) Voltage	-0.6	Volts
CVTN COMP ERR H	Normal	
CVTN COMP ERR L	Normal	
CVTN COMP FLT H	Normal	
CVTN COMP FLT L	Normal	
CVTN EDGE ERR H	Normal	
CVTN EDGE ERR L	Normal	
CVTN ABORT H	Normal	
CVTN ABORT L	Normal	
CVTN CRC FAULT H	Normal	

CVTN CRC FAULT L	Normal	
CVTN FRAM ERR	Normal	
CVTN STOP ERR	Normal	
CVTN STK FAULT ERR	Active	
CVTN SYS RESET	Normal	
CVTN COMM TIMEOUT	Active	
CVTN VDIG WAKE FAULT	Normal	
CVTN INT TEMP FAULT	Normal	
CVTN VDIG FAULT	Normal	
CVTN VM FAULT	Normal	
CVTN VP FAULT	Normal	
CVTN VP CLAMP	Normal	
CVTN FACT CKSUM ERR	Normal	
CVTN ANALOG FAULT ERR	Normal	
CVTN HREF FAULT	SNA	
CVTN HREF GND FAULT	Normal	
CVTN ADC CAL ERR	Active	
CVTN CUST ECC COR	Normal	
CVTN CUST ECC ERR	SNA	
CVTN FACT ECC COR	SNA	
CVTN ACT ECC ERR	SNA	
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	66219	watts
HV Battery Charge Power 10sec	51963	watts
HV Battery Discharge Power 2sec	105981	watts
HV Battery Discharge Power 10sec	103665	watts
HV Battery Power	007530	watts
Key - DriveRdy (CAN)	True	
Battery Lifetime Number Of Closes	3491	
Battery Full AmpHr Capacity	49	AmpHrs
Cell Impedance Max Discharge	0	mOhms
Cell Impedance Mim Discharge	0	mOhms
Battery Cell Voltage Maximum	4061	mV
Battery Cell Voltage Minimum	4044	mV
Battery Cell Voltage Average	4056	mV
Battery Cell Highest Cell number	94	
Battery Cell Lowest Cell number	05	
HV Battery Voltage (cell sum)	389.40	Volts
HV Battery Voltage (Module Sum)	388.50	Volts
HV Sensor A Pack Voltage	389.70	Volts

HV Sensor B Bus\Link (Pre-Fuse) Voltage	389.50	Volts
HV Sensor C OBCM (HVOBC Fuse) Voltage	389.40	Volts
HV Sensor D Heater (HVHTR Fuse) Voltage	1.30	Volts
HV Sensor G Weld Contactor(Pack Negative) Voltage	-0.6	Volts
Battery Temperature Maximum Module	72	°F
Battery Temperature Minimum Module	70	°F
Battery Temperature Average Module	72	°F
Battery Temperature Highest Sensor number	04	
Battery Temperature Lowest Sensor number	03	
Battery Temperature Number of Failing Sensors	00	
HV Cooling Pump Relay Drive	Not Sourced	
HV Cooling Battery coolant inlet temp	72	°F
HV Cooling Battery coolant outlet temp	72	°F
HV Cooling OBCM temp inlet Temp	73	°F
Pump - Battery Coolant Level Low	False	
Isolation Vehicle Diagnostic Status	Run and Passed	
Isolation Vehicle Impedance	7.1893	Mega Ohms
Isolation Battery Diagnostic Status	Run and Passed	
Isolation Battery Impedance	0.8480	Mega Ohms
CVTN CUST CKSUM ERR	Normal	

HCP | P1D72-00 | Active | Open High Voltage Cable-

NAME	VALUE	UNITS
DTC	1D 72 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Pending DTC	True	
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	True	
Occurrence flag	Occurrence	
Original Odometer Value	25925.1	miles
Most Recent Odometer Value	25925.1	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Real time clock	50884264	sec
RAM stamps keyOn	225	sec
RAM Stamps	1899	Min
Accelerator Pedal Position	0	%
Brake Switch Status	Not Applied	
Engine Speed	0	rpm
HV Battery SOC	89	%

Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	False	
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	77	°F
Motor B Temp Sensor	77	°F
Barometric Pressure	15	PSI
Engine Coolant Temperature	73	°F
Internal EPS Voltage Sense A	8.136	Volts
Internal EPS Voltage Sense B	8.064	Volts
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor A	87.205	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor A - Inverter Current - phase A	0	AMP
Motor A - Inverter Current - phase B	0	AMP
Motor A - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase A	0	AMP
Motor B - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase C	0	AMP
Motor B Resolver Angle	328	Degree
Motor A Resolver Angle	254	Degree
Electric Motor A Speed	0.5	rpm
Electric Motor B Speed	0.0	rpm
PIM DC Link Voltage - A	389	Volts
PIM DC Link Voltage - B	388	Volts
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
HCP System Shutdown Command	Default	
HV Battery Voltage from BPCM	388.50	Volts
SW Build Release Version	PIM_C19A_2003B0_RU_HCP__	
HCP SW Version	C19A	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Closed	
APM Status	Off	
Impact Event	False	
Outside Air Temperature	73.4	°F
OBCM Operating Mode	UTC	

J1772 Prox Detected State	Prox Out	
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	12.096	Volts
Battery Feed Voltage 2 Sense	12.096	Volts
Battery Feed Voltage 3 Sense	12.024	Volts
Hybrid System State	Inverters Enabled	
Inverter A IGBT Temperature for phase A	75	°F
Inverter A IGBT Temperature for phase B	75	°F
Inverter A IGBT Temperature for phase C	75	°F
Inverter B IGBT Temperature for phase A	75	°F
Inverter B IGBT Temperature for phase B	75	°F
Inverter B IGBT Temperature for phase C	73	°F
PHEV Charging Status	No Charging	
Distance Travelled with Light ON	0	miles
GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

SNAPSHOT DATA SUMMARY

No Snapshot Data available for P0AFA-00

No Snapshot Data available for P0E2F-00

No Snapshot Data available for P1D72-00



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VIN [REDACTED]

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BPCM	Battery Pack Control Module	CAN-C	05193166AF			05193166AF
HCP	Hybrid Control Processor	CAN-C	05190265AF			05190265AF
OBCM	On Board Charging Module	CAN-C	05185047AE			05185047AE
DSM	Display Screen Module	CAN-I	68316175AC			68316175AC
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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	
ANC	USA	0F 05 01	12 2C 01	4210	
HVAC	USA	0E 09 00	13 05 01	4401	
DDM	USA	11 07 00	13 0B 00	4202	
PDM	USA	11 07 00	13 0B 00	4202	
DMRL	USA / USA	10 0B 00	12 0C 00	4201	
DMRR	USA / USA	10 0B 00	12 0C 00	4201	
PSDML	USA / USA	10 17 00	14 10 12	4001	
PSDMR	USA / USA	10 17 00	14 10 12	4001	
PLGM	USA	17 19 00	18 22 00	4202	
IPC	USA / USA	12 06 00	13 27 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	13 2C 90	4415	
RADIO	USA	13 31 14	13 31 14	8205	
OCM	USA / USA	11 1F 01	0E 2F 02	4030	
HVACR	USA	0E 09 00	10 03 02	4301	
LBSS	USA / USA	11 30 02	12 0D 00	4202	
RBSS	USA / USA	11 30 02	12 0D 00	4202	
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM		0E 03 00	14 17 00	4005	D721612D
HCP	USA	11 1F 04	19 48 01	4005	6AE19B37 847169A3 050DC953
OBCM	USA	0F 0D 00	12 02 00	4002	
DSM	USA / USA	13 29 00	12 23 00	4000	
RCCC	USA	0F 1D 00	13 04 00	4000	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1F 04	19 48 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
APM	P0AFA-00	Hybrid/EV Battery System Voltage Low-	Active
BPCM	P0E2F-00	High Voltage Fuse B-	Active
HCP	P1D72-00	Open High Voltage Cable-	Active

ENVIRONMENTAL DATA SUMMARY

APM | P0AFA-00 | Active | Hybrid/EV Battery System Voltage Low-

NAME	VALUE	UNITS
DTC	0A FA 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Pending DTC	True	
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	25919	miles
Most Recent Odometer Value	25919	miles
Frequency Counter	3	
Ignition Cycle Counter	0	
APM High Voltage DC Current Set Point	7.0000	AMP

APM Low Voltage DC Current Set Point	100.0000	AMP
HCP Commanded APM Operating Mode	Off	
APM High Voltage DC Voltage Set Point	14.0000	Volt
APM Low Voltage DC Voltage Set Point	14.81	Volt
APM Operation Mode Status Reported from APM	Failure	
APM Derating Mode Status	No de-rating	
APM Derating Reason	Default(Normal Operation)	
APM Failure Mode Status	No failure	
APM Failure Reason	Failure because of short circuit at LV / Failure9	
Low voltage battery voltage from HCP	12.1200	Volt

BPCM | P0E2F-00 | Active | High Voltage Fuse B-

NAME	VALUE	UNITS
DTC	0E 2F 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Pending DTC	True	
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	25919	miles
Most Recent Odometer Value	25919	miles
Frequency Counter	3	
Ignition Cycle Counter	0	
FoM - for this DTC (lifetime fails)	2	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	50884264	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)	25924.95	miles

Battery Lifetime Miles	0.00	miles
Vehicle Speed	0.0	MPH
System (12) Volts at time of fault	12.243	Volts
Battery Lifetime AmpHrs of Charge	9653.0	AHr
Battery Lifetime AmpHrs of DisCharge	9612.3	AHr
SOC at time of Fault	88.6	%
Power Up SOC at time of Fault	88.6	%
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	11.042	Volts
HVIL PWM peak voltage Sensed - Vehicle	11.009	Volts
HVIL Source Voltage- Battery	1.377	Volts
HVIL Returned current - Battery	30.20	mA
HV Battery Current Sensor 1 Hall High	-2.30	Amps
HV Battery Current Sensor 2 Hall Low	0.00	Amps
HV Battery Current HVBatCmt	0.00	Amps
HV Cooling Speed Pump 1 Target	0	rpm
HV Cooling Speed pump 1 Speed	0	rpm
Charge indicator Temp	75	°F
BPCM temperature max	72	°F
BPCM temperature min	70	°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	2.500	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	4.992	Volts
WC and CircuitryISO 8V Reference Voltage	7.985	Volts
WC and Circuitry Weld Contactor Sensor G (Pack Negative) Voltage	-0.6	Volts
CVTN COMP ERR H	Normal	
CVTN COMP ERR L	Normal	
CVTN COMP FLT H	Normal	
CVTN COMP FLT L	Normal	
CVTN EDGE ERR H	Normal	
CVTN EDGE ERR L	Normal	
CVTN ABORT H	Normal	
CVTN ABORT L	Normal	
CVTN CRC FAULT H	Normal	

CVTN CRC FAULT L	Normal	
CVTN FRAM ERR	Normal	
CVTN STOP ERR	Normal	
CVTN STK FAULT ERR	Active	
CVTN SYS RESET	Normal	
CVTN COMM TIMEOUT	Active	
CVTN VDIG WAKE FAULT	Normal	
CVTN INT TEMP FAULT	Normal	
CVTN VDIG FAULT	Normal	
CVTN VM FAULT	Normal	
CVTN VP FAULT	Normal	
CVTN VP CLAMP	Normal	
CVTN FACT CKSUM ERR	Normal	
CVTN ANALOG FAULT ERR	Normal	
CVTN HREF FAULT	SNA	
CVTN HREF GND FAULT	Normal	
CVTN ADC CAL ERR	Active	
CVTN CUST ECC COR	Normal	
CVTN CUST ECC ERR	SNA	
CVTN FACT ECC COR	SNA	
CVTN ACT ECC ERR	SNA	
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	66219	watts
HV Battery Charge Power 10sec	51963	watts
HV Battery Discharge Power 2sec	105981	watts
HV Battery Discharge Power 10sec	103665	watts
HV Battery Power	007530	watts
Key - DriveRdy (CAN)	True	
Battery Lifetime Number Of Closes	3491	
Battery Full AmpHr Capacity	49	AmpHrs
Cell Impedance Max Discharge	0	mOhms
Cell Impedance Mim Discharge	0	mOhms
Battery Cell Voltage Maximum	4061	mV
Battery Cell Voltage Minimum	4044	mV
Battery Cell Voltage Average	4056	mV
Battery Cell Highest Cell number	94	
Battery Cell Lowest Cell number	05	
HV Battery Voltage (cell sum)	389.40	Volts
HV Battery Voltage (Module Sum)	388.50	Volts
HV Sensor A Pack Voltage	389.70	Volts

HV Sensor B Bus\Link (Pre-Fuse) Voltage	389.50	Volts
HV Sensor C OBCM (HVOBC Fuse) Voltage	389.40	Volts
HV Sensor D Heater (HVHTR Fuse) Voltage	1.30	Volts
HV Sensor G Weld Contactor(Pack Negative) Voltage	-0.6	Volts
Battery Temperature Maximum Module	72	°F
Battery Temperature Minimum Module	70	°F
Battery Temperature Average Module	72	°F
Battery Temperature Highest Sensor number	04	
Battery Temperature Lowest Sensor number	03	
Battery Temperature Number of Failing Sensors	00	
HV Cooling Pump Relay Drive	Not Sourced	
HV Cooling Battery coolant inlet temp	72	°F
HV Cooling Battery coolant outlet temp	72	°F
HV Cooling OBCM temp inlet Temp	73	°F
Pump - Battery Coolant Level Low	False	
Isolation Vehicle Diagnostic Status	Run and Passed	
Isolation Vehicle Impedance	7.1893	Mega Ohms
Isolation Battery Diagnostic Status	Run and Passed	
Isolation Battery Impedance	0.8480	Mega Ohms
CVTN CUST CKSUM ERR	Normal	

HCP | P1D72-00 | Active | Open High Voltage Cable-

NAME	VALUE	UNITS
DTC	1D 72 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Pending DTC	True	
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	True	
Occurrence flag	Occurrence	
Original Odometer Value	25925.1	miles
Most Recent Odometer Value	25925.1	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Real time clock	50884264	sec
RAM stamps keyOn	225	sec
RAM Stamps	1899	Min
Accelerator Pedal Position	0	%
Brake Switch Status	Not Applied	
Engine Speed	0	rpm
HV Battery SOC	89	%

Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	False	
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	77	°F
Motor B Temp Sensor	77	°F
Barometric Pressure	15	PSI
Engine Coolant Temperature	73	°F
Internal EPS Voltage Sense A	8.136	Volts
Internal EPS Voltage Sense B	8.064	Volts
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor A	87.205	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor A - Inverter Current - phase A	0	AMP
Motor A - Inverter Current - phase B	0	AMP
Motor A - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase A	0	AMP
Motor B - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase C	0	AMP
Motor B Resolver Angle	328	Degree
Motor A Resolver Angle	254	Degree
Electric Motor A Speed	0.5	rpm
Electric Motor B Speed	0.0	rpm
PIM DC Link Voltage - A	389	Volts
PIM DC Link Voltage - B	388	Volts
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
HCP System Shutdown Command	Default	
HV Battery Voltage from BPCM	388.50	Volts
SW Build Release Version	PIM_C19A_2003B0_RU_HCP__	
HCP SW Version	C19A	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Closed	
APM Status	Off	
Impact Event	False	
Outside Air Temperature	73.4	°F
OBCM Operating Mode	UTC	

J1772 Prox Detected State	Prox Out	
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	12.096	Volts
Battery Feed Voltage 2 Sense	12.096	Volts
Battery Feed Voltage 3 Sense	12.024	Volts
Hybrid System State	Inverters Enabled	
Inverter A IGBT Temperature for phase A	75	°F
Inverter A IGBT Temperature for phase B	75	°F
Inverter A IGBT Temperature for phase C	75	°F
Inverter B IGBT Temperature for phase A	75	°F
Inverter B IGBT Temperature for phase B	75	°F
Inverter B IGBT Temperature for phase C	73	°F
PHEV Charging Status	No Charging	
Distance Travelled with Light ON	0	miles
GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

SNAPSHOT DATA SUMMARY

No Snapshot Data available for P0AFA-00

No Snapshot Data available for P0E2F-00

No Snapshot Data available for P1D72-00