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VEHICLE SCAN REPORT

Vehicle 2021 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
VIN 2C4RC1L73MR [REDACTED]

Odometer 15974.6 miles
Publication Date Aug 24, 2022, 10:31:51 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
PCM	Powertrain Control Module	CAN-C	68499122AE	2C4RC1L73M	2C4RC1L73MR	68499122AE
PLGM	Power Liftgate	CAN-I	68466171AI	2C4RC1L73M	—	68466171AI
ICS	Integrated Center Stack	CAN-I	7AS341X8AA	2C4RC1L73M	2C4RC1L73MR	7AS341X8AA
RFH	Radio Frequency Hub	CAN-C	68500152AA	2C4RC1L73M	2C4RC1L73MR	68500152AA
ESM	Electronic Shifter	CAN-C	68240089AN	2C4RC1L73M	2C4RC1L73MR	68240089AN
ORC	Occupant Restraint	CAN-C	68480710AC	2C4RC1L73M	2C4RC1L73MR	68480710AC
EPS	Electric Power Steering	CAN-C	68460392AA	2C4RC1L73M	2C4RC1L73MR	68460392AA
HVAC	Heat, Ventilation and A/C	CAN-I	68493454AE	2C4RC1L73M	2C4RC1L73MR	68493454AE
DDM	Driver Door Module	CAN-I	68496463AB	2C4RC1L73M	2C4RC1L73MR	68496463AB
PDM	Passenger Door Module	CAN-I	68496462AB	2C4RC1L73M	2C4RC1L73MR	68496462AB
DMRL	Door Module Rear Left	CAN-I	68508894AB	2C4RC1L73M	2C4RC1L73MR	68508894AB
DMRR	Door Module Rear Right	CAN-I	68508894AB	2C4RC1L73M	2C4RC1L73MR	68508894AB
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AD	2C4RC1L73M	2C4RC1L73MR	68369596AD
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AD	2C4RC1L73M	2C4RC1L73MR	68369596AD
MSM	Memory Seat Module	CAN-I	68321862AC	2C4RC1L73M	2C4RC1L73MR	68321862AC
CSWM	Comfort Seat Wheel Module	CAN-I	68517011AB	2C4RC1L73M	2C4RC1L73MR	68517011AB
AMP	Amplifier	CAN-I	68476878AA	2C4RC1L73M	2C4RC1L73MR	68476878AA
IPC	Instrument Panel Cluster	CAN-C	68434960AE	2C4RC1L73M	2C4RC1L73MR	68434960AE
PTS	Parktronics	CAN-C	68485862AA	2C4RC1L73M	2C4RC1L73MR	68485862AA
SCCM	Steering Column Control Module	CAN-C	68531525AA	2C4RC1L73M	2C4RC1L73MR	68531525AA
BCM	Body Controller	CAN-C	68491085AG	2C4RC1L73M	2C4RC1L73MR	68491085AG

ACC	Adaptive Cruise Control	CAN-C	68540436AB	2C4RC1L73MR	2C4RC1L73MR	68540436AB
RADIO	Radio	CAN-I	68465292AE	2C4RC1L73MR	2C4RC1L73MR	68465292AE
OCM	Occupant Classification	CAN-C	68403127AA	2C4RC1L73MR	2C4RC1L73MR	68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB	2C4RC1L73MR	2C4RC1L73MR	68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AC	2C4RC1L73MR	2C4RC1L73MR	04672786AC
RBSS	Right Blind Spot Sensor	CAN-I	04672786AC	2C4RC1L73MR	2C4RC1L73MR	04672786AC
FFCM	Forward Facing Camera Module	CAN-C	68493395AA	2C4RC1L73MR	2C4RC1L73MR	68493395AA
EDM	External Disc Module	CAN-I	68378304AB	2C4RC1L73MR	2C4RC1L73MR	68378304AB
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1L73MR	2C4RC1L73MR	05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193183AF	2C4RC1L73MR	2C4RC1L73MR	05193183AF
HCP	Hybrid Control Processor	CAN-C	05185116AH	2C4RC1L73MR	2C4RC1L73MR	05185116AH
OBCM	On Board Charging Module	CAN-C	05185047AE	2C4RC1L73MR	2C4RC1L73MR	05185047AE
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC	2C4RC1L73MR	2C4RC1L73MR	68321862AC
DSM	Display Screen Module	CAN-I	68438382AF	2C4RC1L73MR	2C4RC1L73MR	68438382AF
VRM	Video Routing Module	CAN-I	68493702AD	2C4RC1L73MR	2C4RC1L73MR	68493702AD
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30DX9AA	2C4RC1L73MR	2C4RC1L73MR	6WL30DX9AA
CVPM	Central vision processing module	CAN-I	56029920AB	2C4RC1L73MR	2C4RC1L73MR	56029920AB
EAC	Electric A/C Compressor	CAN-C	68237995AG	2C4RC1L73MR	2C4RC1L73MR	68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05185117AH	2C4RC1L73MR	2C4RC1L73MR	05185117AH
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB	2C4RC1L73MR	2C4RC1L73MR	68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD	2C4RC1L73MR	2C4RC1L73MR	68471122AD
SGW	Security Gateway Module	CAN-C	68488429AB		2C4RC1L73MR	68488429AB
TBM2	Telematic Box Module 2	CAN-C	68546266AB	2C4RC1L73MR	2C4RC1L73MR	68546266AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	SERIAL NUMBER	CVNS
PCM	USA	1B 47	75 01 01	4422		
PLGM	USA	0	5084	000200000031		
ICS	USA	0F 0C 00	13 31 01	4700		

RFH	USA / USA	10 17 00	13 26 00	4A00
ESM	USA / USA	13 02 00	14 23 FF	4402
ORC	USA / USA	12 1A 00	13 2E 00	4301
EPS	USA / USA	12 2A 00	12 1E 01	4502
HVAC	USA	0E 09 00	14 2F 01	4401
DDM	USA	11 07 00	14 07 00	4202
PDM	USA	11 07 00	14 07 00	4202
DMRL	USA / USA	10 0B 00	14 08 00	4201
DMRR	USA / USA	10 0B 00	14 08 00	4201
PSDML	USA / USA	10 17 00	14 10 12	4001
PSDMR	USA / USA	10 17 00	14 10 12	4001
MSM	USA	0F 2B 00	10 27 03	4101
CSWM	USA	11 2A 00	14 25 00	4302
AMP	USA	18 2E 01	13 15 00	4030
IPC	USA / USA	12 06 00	14 2B 00	4705
PTS	USA	0E 32 00	14 07 00	4311
SCCM	USA	13 28 00	13 29 00	4301
BCM	USA	0D 11 00	14 26 90	4420
ACC	USA / USA	14 2A 01	15 13 01	4400
RADIO		65	5671	000200000008
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	15 08 00	4202
RBSS	USA / USA	11 30 02	15 08 00	4202
FFCM	USA / USA	11 06 00	13 1E 00	4102
EDM	USA	12 0A 00	11 08 00	4000
APM	USA / USA	11 32 00	11 32 00	4001
BPCM		0E 03 00	15 07 00	4005
HCP	USA	11 1F 04	0F 2D 00	4006
OBCM	USA	0F 0D 00	12 02 00	4002
MSMP	USA	0F 2B 00	10 27 03	4001
DSM	USA / USA	14 0C 00	15 06 00	4300
VRM	USA / USA	0F 1C 00	15 0E 12	4001
RCCC	USA	0F 1D 00	13 04 00	4000
CVPM	USA / USA	11 27 01	14 0C 01	4004
EAC	USA	0E 34 00	12 0F 00	4102
AHCP	USA	11 1F 04	0F 2D 00	4000
EBBM	USA	0E 19 02	14 0D 18	4000
ABSO	USA	0E 15 02	14 1B 26	4201
SGW		5	969	4103
TBM2	USA	13 0E 02	14 2A 5C	4104

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
ESM	U1817-00	Lost Communication With Hybrid Powertrain Control Module on D-PT-	Stored
BPCM	P1D43-00	Internal Control Module Shut Off Test Monitoring Time Error-	Active

ENVIRONMENTAL DATA SUMMARY

ESM | U1817-00 | Stored | Lost Communication With Hybrid Powertrain Control Module on D-PT-

NAME	VALUE	UNITS
DTC	D8 17 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	Occurrence	
Original Odometer Value	14356	miles
Most Recent Odometer Value	14356	miles
Frequency Counter	1	
Ignition Cycle Counter	94	
Ignition Status	Ignition Run	
Operating Voltage	14.1	Volts
Operation Time	32187	Min

BPCM | P1D43-00 | Active | Internal Control Module Shut Off Test Monitoring Time Error-

NAME	VALUE	UNITS
DTC	1D 43 00	
Test Failed	True	
Test Failed This Operation Cycle	False	
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	True	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Original Odometer Value	13442	miles
Most Recent Odometer Value	13442	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
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	29358480	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)	13445.05	miles
Battery Lifetime Miles	348558	miles
Vehicle Speed	0.0	MPH
System (12) Volts at time of fault	14.418	Volts
Battery Lifetime AmpHrs of Charge	9791.3	AHr
Battery Lifetime AmpHrs of DisCharge	9750.6	AHr
SOC at time of Fault	90.2	%
Power Up SOC at time of Fault	90.2	%
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	13.053	Volts
HVIL PWM peak voltage Sensed - Vehicle	12.971	Volts
HVIL Source Voltage- Battery	1.385	Volts
HVIL Returned current - Battery	30.60	mA
HV Battery Current Sensor 1 Hall High	-7.00	Amps
HV Battery Current Sensor 2 Hall Low	-5.35	Amps
HV Battery Current HVBatCrnt	-5.40	Amps
HV Cooling Speed Pump 1 Target	0	rpm
HV Cooling Speed pump 1 Speed	0	rpm
Charge indicator Temp	95	°F
BPCM temperature max	90	°F
BPCM temperature min	88	°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	5.019	Volts
WC and CircuitryISO 8V Reference Voltage	7.988	Volts
WC and Circuitry Weld Contactor Sensor G (Pack Negative) Voltage	0.0	Volts
CVTN COMP ERR H	Normal	
CVTN COMP ERR L	Active	
CVTN COMP FLT H	Normal	
CVTN COMP FLT L	Latched	
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	SNA	
CVTN SYS RESET	Normal	
CVTN COMM TIMEOUT	Latched	
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	SNA	
CVTN FACT CKSUM ERR	SNA	
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	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	00745B	watts
Key - DriveRdy (CAN)	True	
Battery Lifetime Number Of Closes	1863	
Battery Full AmpHr Capacity	47	AmpHrs
Cell Impedance Max Discharge	0	mOhms
Cell Impedance Mim Discharge	0	mOhms
Battery Cell Voltage Maximum	4078	mV
Battery Cell Voltage Minimum	4060	mV
Battery Cell Voltage Average	4067	mV
Battery Cell Highest Cell number	91	
Battery Cell Lowest Cell number	73	
HV Battery Voltage (cell sum)	390.40	Volts
HV Battery Voltage (Module Sum)	390.50	Volts
HV Sensor A Pack Voltage	390.90	Volts
HV Sensor B Bus\Link (Pre-Fuse) Voltage	390.90	Volts
HV Sensor C OBCM (HVOBC Fuse) Voltage	390.90	Volts
HV Sensor D Heater (HVHTR Fuse) Voltage	390.70	Volts
HV Sensor G Weld Contactor(Pack Negative) Voltage	0.0	Volts
Battery Temperature Maximum Module	90	°F
Battery Temperature Minimum Module	88	°F
Battery Temperature Average Module	90	°F
Battery Temperature Highest Sensor number	04	
Battery Temperature Lowest Sensor number	06	
Battery Temperature Number of Failing Sensors	00	
HV Cooling Pump Relay Drive	Not Sourced	
HV Cooling Battery coolant inlet temp	90	°F
HV Cooling Battery coolant outlet temp	90	°F
HV Cooling OBCM temp inlet Temp	91	°F
Pump - Battery Coolant Level Low	False	
Isolation Vehicle Diagnostic Status	Run and Passed	
Isolation Vehicle Impedance	7.8828	Mega Ohms
Isolation Battery Diagnostic Status	Run and Passed	
Isolation Battery Impedance	0.8480	Mega Ohms
CVTN CUST CKSUM ERR	Latched	

SNAPSHOT DATA SUMMARY

No Snapshot Data available for U1817-00

No Snapshot Data available for P1D43-00



VEHICLE SCAN REPORT

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HVAC	Heat, Ventilation and A/C	CAN-I	68493454AE	2C4RC1L73M	2C4RC1L73MR	68493454AE
DDM	Driver Door Module	CAN-I	68496463AB	2C4RC1L73M	2C4RC1L73MR	68496463AB
PDM	Passenger Door Module	CAN-I	68496462AB	2C4RC1L73M	2C4RC1L73MR	68496462AB
DMRL	Door Module Rear Left	CAN-I	68508894AB	2C4RC1L73M	2C4RC1L73MR	68508894AB
DMRR	Door Module Rear Right	CAN-I	68508894AB	2C4RC1L73M	2C4RC1L73MR	68508894AB
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AD	2C4RC1L73M	2C4RC1L73MR	68369596AD
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AD	2C4RC1L73M	2C4RC1L73MR	68369596AD
MSM	Memory Seat Module	CAN-I	68321862AC	2C4RC1L73M	2C4RC1L73MR	68321862AC
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BCM	Body Controller	CAN-C	68491085AG	2C4RC1L73M	2C4RC1L73MR	68491085AG

ACC	Adaptive Cruise Control	CAN-C	68540436AB	2C4RC1L73MR	2C4RC1L73MR	68540436AB
RADIO	Radio	CAN-I	68465292AE	2C4RC1L73MR	2C4RC1L73MR	68465292AE
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CVPM	Central vision processing module	CAN-I	56029920AB	2C4RC1L73MR	2C4RC1L73MR	56029920AB
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AHCP	Auxiliary Hybrid Control Processor	CAN-C	05185117AH	2C4RC1L73MR	2C4RC1L73MR	05185117AH
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB	2C4RC1L73MR	2C4RC1L73MR	68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD	2C4RC1L73MR	2C4RC1L73MR	68471122AD
SGW	Security Gateway Module	CAN-C	68488429AB		2C4RC1L73MR	68488429AB
TBM2	Telematic Box Module 2	CAN-C	68546266AB	2C4RC1L73MR	2C4RC1L73MR	68546266AB

ECU SUMMARY INFO (CONT...)

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ESM	USA / USA	13 02 00	14 23 FF	4402
ORC	USA / USA	12 1A 00	13 2E 00	4301
EPS	USA / USA	12 2A 00	12 1E 01	4502
HVAC	USA	0E 09 00	14 2F 01	4401
DDM	USA	11 07 00	14 07 00	4202
PDM	USA	11 07 00	14 07 00	4202
DMRL	USA / USA	10 0B 00	14 08 00	4201
DMRR	USA / USA	10 0B 00	14 08 00	4201
PSDML	USA / USA	10 17 00	14 10 12	4001
PSDMR	USA / USA	10 17 00	14 10 12	4001
MSM	USA	0F 2B 00	10 27 03	4101
CSWM	USA	11 2A 00	14 25 00	4302
AMP	USA	18 2E 01	13 15 00	4030
IPC	USA / USA	12 06 00	14 2B 00	4705
PTS	USA	0E 32 00	14 07 00	4311
SCCM	USA	13 28 00	13 29 00	4301
BCM	USA	0D 11 00	14 26 90	4420
ACC	USA / USA	14 2A 01	15 13 01	4400
RADIO		65	5671	000200000008
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	15 08 00	4202
RBSS	USA / USA	11 30 02	15 08 00	4202
FFCM	USA / USA	11 06 00	13 1E 00	4102
EDM	USA	12 0A 00	11 08 00	4000
APM	USA / USA	11 32 00	11 32 00	4001
BPCM		0E 03 00	15 07 00	4005
HCP	USA	11 1F 04	0F 2D 00	4006
OBCM	USA	0F 0D 00	12 02 00	4002
MSMP	USA	0F 2B 00	10 27 03	4001
DSM	USA / USA	14 0C 00	15 06 00	4300
VRM	USA / USA	0F 1C 00	15 0E 12	4001
RCCC	USA	0F 1D 00	13 04 00	4000
CVPM	USA / USA	11 27 01	14 0C 01	4004
EAC	USA	0E 34 00	12 0F 00	4102
AHCP	USA	11 1F 04	0F 2D 00	4000
EBBM	USA	0E 19 02	14 0D 18	4000
ABSO	USA	0E 15 02	14 1B 26	4201
SGW		5	969	4103
TBM2	USA	13 0E 02	14 2A 5C	4104

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
ESM	U1817-00	Lost Communication With Hybrid Powertrain Control Module on D-PT-	Stored
BPCM	P1D43-00	Internal Control Module Shut Off Test Monitoring Time Error-	Active

ENVIRONMENTAL DATA SUMMARY

ESM | U1817-00 | Stored | Lost Communication With Hybrid Powertrain Control Module on D-PT-

NAME	VALUE	UNITS
DTC	D8 17 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	Occurrence	
Original Odometer Value	14356	miles
Most Recent Odometer Value	14356	miles
Frequency Counter	1	
Ignition Cycle Counter	94	
Ignition Status	Ignition Run	
Operating Voltage	14.1	Volts
Operation Time	32187	Min

BPCM | P1D43-00 | Active | Internal Control Module Shut Off Test Monitoring Time Error-

NAME	VALUE	UNITS
DTC	1D 43 00	
Test Failed	True	
Test Failed This Operation Cycle	False	
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	True	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Original Odometer Value	13442	miles
Most Recent Odometer Value	13442	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
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	29358480	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)	13445.05	miles
Battery Lifetime Miles	348558	miles
Vehicle Speed	0.0	MPH
System (12) Volts at time of fault	14.418	Volts
Battery Lifetime AmpHrs of Charge	9791.3	AHr
Battery Lifetime AmpHrs of DisCharge	9750.6	AHr
SOC at time of Fault	90.2	%
Power Up SOC at time of Fault	90.2	%
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	13.053	Volts
HVIL PWM peak voltage Sensed - Vehicle	12.971	Volts
HVIL Source Voltage- Battery	1.385	Volts
HVIL Returned current - Battery	30.60	mA
HV Battery Current Sensor 1 Hall High	-7.00	Amps
HV Battery Current Sensor 2 Hall Low	-5.35	Amps
HV Battery Current HVBatCrnt	-5.40	Amps
HV Cooling Speed Pump 1 Target	0	rpm
HV Cooling Speed pump 1 Speed	0	rpm
Charge indicator Temp	95	°F
BPCM temperature max	90	°F
BPCM temperature min	88	°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	5.019	Volts
WC and CircuitryISO 8V Reference Voltage	7.988	Volts
WC and Circuitry Weld Contactor Sensor G (Pack Negative) Voltage	0.0	Volts
CVTN COMP ERR H	Normal	
CVTN COMP ERR L	Active	
CVTN COMP FLT H	Normal	
CVTN COMP FLT L	Latched	
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	SNA	
CVTN SYS RESET	Normal	
CVTN COMM TIMEOUT	Latched	
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	SNA	
CVTN FACT CKSUM ERR	SNA	
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	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	00745B	watts
Key - DriveRdy (CAN)	True	
Battery Lifetime Number Of Closes	1863	
Battery Full AmpHr Capacity	47	AmpHrs
Cell Impedance Max Discharge	0	mOhms
Cell Impedance Mim Discharge	0	mOhms
Battery Cell Voltage Maximum	4078	mV
Battery Cell Voltage Minimum	4060	mV
Battery Cell Voltage Average	4067	mV
Battery Cell Highest Cell number	91	
Battery Cell Lowest Cell number	73	
HV Battery Voltage (cell sum)	390.40	Volts
HV Battery Voltage (Module Sum)	390.50	Volts
HV Sensor A Pack Voltage	390.90	Volts
HV Sensor B Bus\Link (Pre-Fuse) Voltage	390.90	Volts
HV Sensor C OBCM (HVOBC Fuse) Voltage	390.90	Volts
HV Sensor D Heater (HVHTR Fuse) Voltage	390.70	Volts
HV Sensor G Weld Contactor(Pack Negative) Voltage	0.0	Volts
Battery Temperature Maximum Module	90	°F
Battery Temperature Minimum Module	88	°F
Battery Temperature Average Module	90	°F
Battery Temperature Highest Sensor number	04	
Battery Temperature Lowest Sensor number	06	
Battery Temperature Number of Failing Sensors	00	
HV Cooling Pump Relay Drive	Not Sourced	
HV Cooling Battery coolant inlet temp	90	°F
HV Cooling Battery coolant outlet temp	90	°F
HV Cooling OBCM temp inlet Temp	91	°F
Pump - Battery Coolant Level Low	False	
Isolation Vehicle Diagnostic Status	Run and Passed	
Isolation Vehicle Impedance	7.8828	Mega Ohms
Isolation Battery Diagnostic Status	Run and Passed	
Isolation Battery Impedance	0.8480	Mega Ohms
CVTN CUST CKSUM ERR	Latched	

SNAPSHOT DATA SUMMARY

No Snapshot Data available for U1817-00

No Snapshot Data available for P1D43-00