

This file represents a consolidation of multiple files sent by the manufacturer. Please use the bookmarks to navigate to each file. (Each bookmark label is the name of the original file.)



VEHICLE SCAN REPORT

Vehicle 2021 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
VIN 2C4RC1L75MR [REDACTED]

Odometer 13313.9 miles
Publication Date Sep 6, 2022, 1:58:08 PM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
PCM	Powertrain Control Module	CAN-C	68499122AE	2C4RC1L75M [REDACTED]	2C4RC1L75M [REDACTED]	68499122AE
PLGM	Power Liftgate	CAN-I	68466171AI	2C4RC1L75M [REDACTED]	—	68466171AI
ICS	Integrated Center Stack	CAN-I	7AS341X8AA	2C4RC1L75M [REDACTED]	2C4RC1L75M [REDACTED]	7AS341X8AA
RFH	Radio Frequency Hub	CAN-C	68500152AA	2C4RC1L75M [REDACTED]	2C4RC1L75M [REDACTED]	68500152AA
ESM	Electronic Shifter	CAN-C	68240089AM	2C4RC1L75M [REDACTED]	2C4RC1L75M [REDACTED]	68240089AM
ORC	Occupant Restraint	CAN-C	68480710AC	2C4RC1L75M [REDACTED]	2C4RC1L75M [REDACTED]	68480710AC
EPS	Electric Power Steering	CAN-C	68460392AA	2C4RC1L75M [REDACTED]	2C4RC1L75M [REDACTED]	68460392AA
HVAC	Heat, Ventilation and A/C	CAN-I	68493454AE	2C4RC1L75M [REDACTED]	2C4RC1L75M [REDACTED]	68493454AE
DDM	Driver Door Module	CAN-I	68496463AB	2C4RC1L75M [REDACTED]	2C4RC1L75M [REDACTED]	68496463AB
PDM	Passenger Door Module	CAN-I	68496462AB	2C4RC1L75M [REDACTED]	2C4RC1L75M [REDACTED]	68496462AB
DMRL	Door Module Rear Left	CAN-I	68508894AB	2C4RC1L75M [REDACTED]	2C4RC1L75M [REDACTED]	68508894AB
DMRR	Door Module Rear Right	CAN-I	68508894AB	2C4RC1L75M [REDACTED]	2C4RC1L75M [REDACTED]	68508894AB
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AD	2C4RC1L75M [REDACTED]	2C4RC1L75M [REDACTED]	68369596AD
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AD	2C4RC1L75M [REDACTED]	2C4RC1L75M [REDACTED]	68369596AD
MSM	Memory Seat Module	CAN-I	68321862AC	2C4RC1L75M [REDACTED]	2C4RC1L75M [REDACTED]	68321862AC
CSWM	Comfort Seat Wheel Module	CAN-I	68517011AB	2C4RC1L75M [REDACTED]	2C4RC1L75M [REDACTED]	68517011AB
AMP	Amplifier	CAN-I	68476878AA	2C4RC1L75M [REDACTED]	2C4RC1L75M [REDACTED]	68476878AA
IPC	Instrument Panel Cluster	CAN-C	68434960AE	2C4RC1L75M [REDACTED]	2C4RC1L75M [REDACTED]	68434960AE
PTS	Parktronics	CAN-C	68485862AA	2C4RC1L75M [REDACTED]	2C4RC1L75M [REDACTED]	68485862AA
SCCM	Steering Column Control Module	CAN-C	68360889AD	2C4RC1L75M [REDACTED]	2C4RC1L75M [REDACTED]	68360889AD
BCM	Body Controller	CAN-C	68491085AG	2C4RC1L75M [REDACTED]	2C4RC1L75M [REDACTED]	68491085AG

ACC	Adaptive Cruise Control	CAN-C	68540436AA	2C4RC1L75M		2C4RC1L75M		68540436AA
RADIO	Radio	CAN-I	68465292AC	2C4RC1L75M		2C4RC1L75M		68465292AC
OCM	Occupant Classification	CAN-C	68403127AA	2C4RC1L75M		2C4RC1L75M		68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB	2C4RC1L75M		2C4RC1L75M		68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB	2C4RC1L75M		2C4RC1L75M		04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB	2C4RC1L75M		2C4RC1L75M		04672786AB
FFCM	Forward Facing Camera Module	CAN-C	68493395AA	2C4RC1L75M		2C4RC1L75M		68493395AA
EDM	External Disc Module	CAN-I	68378304AB	2C4RC1L75M		2C4RC1L75M		68378304AB
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1L75M		2C4RC1L75M		05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193183AE	2C4RC1L75M		2C4RC1L75M		05193183AE
HCP	Hybrid Control Processor	CAN-C	05185116AJ	2C4RC1L75M		2C4RC1L75M		05185116AJ
OBCM	On Board Charging Module	CAN-C	05185047AE	2C4RC1L75M		2C4RC1L75M		05185047AE
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC	2C4RC1L75M		2C4RC1L75M		68321862AC
DSM	Display Screen Module	CAN-I	68438382AD	2C4RC1L75M		2C4RC1L75M		68438382AD
VRM	Video Routing Module	CAN-I	68493702AA	2C4RC1L75M		2C4RC1L75M		68493702AA
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30PD2AA	2C4RC1L75M		2C4RC1L75M		6WL30PD2AA
CVPM	Central vision processing module	CAN-I	56029920AB	2C4RC1L75M		2C4RC1L75M		56029920AB
EAC	Electric A/C Compressor	CAN-C	68237995AG	2C4RC1L75M		2C4RC1L75M		68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05185117AJ	2C4RC1L75M		2C4RC1L75M		05185117AJ
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB	2C4RC1L75M		2C4RC1L75M		68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD	2C4RC1L75M		2C4RC1L75M		68471122AD
SGW	Security Gateway Module	CAN-C	68488429AB			2C4RC1L75M		68488429AB
TBM2	Telematic Box Module 2	CAN-C	68546266AB	2C4RC1L75M		2C4RC1L75M		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	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	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 12 01	14 26 01	4400
RADIO		65	5175	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	12 0D 00	4202
RBSS	USA / USA	11 30 02	12 0D 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	14 2C 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	14 28 00	4300
VRM	USA / USA	0F 1C 00	14 1E 14	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
PCM	P0113	Intake Air Temperature Sensor 1 Circuit High	Active
HVAC	B10EB-00	Blower Power Module-	Stored
APM	P1CDC-00	Hybrid/EV Wakeup Control 1 Output Circuit Short to Ground-	Stored
BPCM	U0293-00	Lost Communication with Hybrid Control Module "A"-	Stored
OBCM	U0293-00	Lost Communication with Hybrid Control Module "A"-	Stored

ENVIRONMENTAL DATA SUMMARY

PCM | P0113 | Active | Intake Air Temperature Sensor 1 Circuit High

NAME	VALUE	UNITS
Number of DTC	1	
DTC	01 13	
DTC Readiness Flag	Not Complete	
DTC Storage State	Active	
Warning Indicator Request State	On	
Odometer	13270.5	miles
Accumulation Timer	4	minutes
Ignition Key Cycles	0	
Starts Since Set Counter	0	
Key Cycles Since DTC Last Set Counter	0	
Warm Up Cycles	0	
Good Trip Counter	0	

HVAC | B10EB-00 | Stored | Blower Power Module-

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	13312	miles
Most Recent Odometer Value	13312	miles
Frequency Counter	1	
Ignition Cycle Counter	7	

APM | P1CDC-00 | Stored | Hybrid/EV Wakeup Control 1 Output Circuit Short to Ground-

NAME	VALUE	UNITS
DTC	1C DC 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	13312	miles
Most Recent Odometer Value	13312	miles
Frequency Counter	1	
Ignition Cycle Counter	4	
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	Idle	
APM High Voltage DC Voltage Set Point	14.0000	Volt
APM Low Voltage DC Voltage Set Point	14.25	Volt
APM Operation Mode Status Reported from APM	Idle	
APM Derating Mode Status	No de-rating	
APM Derating Reason	Default(Normal Operation)	
APM Failure Mode Status	No failure	
APM Failure Reason	No failure	
Low voltage battery voltage from HCP	12.9600	Volt

BPCM | U0293-00 | Stored | Lost Communication with Hybrid Control Module "A"-

NAME	VALUE	UNITS
DTC	C2 93 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	13312	miles
Most Recent Odometer Value	13312	miles
Frequency Counter	1	
Ignition Cycle Counter	1	
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	54173760	seconds

Key in Ignition	Key_Def	
Key Position	Ign_Lock	
EPT -WakeUp	Sourced	
HCP Contactor Command	Impact Open	
Qualified Contactor Command - QCC	Open	
Verified Contactor Command - VCC	Invalid	
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)	13313.63	miles
Battery Lifetime Miles	A5E174	miles
Vehicle Speed	0.0	MPH
System (12) Volts at time of fault	13.077	Volts
Battery Lifetime AmpHrs of Charge	12687.7	AHr
Battery Lifetime AmpHrs of DisCharge	12646.9	AHr
SOC at time of Fault	55.3	%
Power Up SOC at time of Fault	54.5	%
HVIL Status -Vehicle	Not Sourced	
HVIL Status - Battery pack	PASS	
HVIL PWM Duty Cycle - Vehicle	0.0	%
HVIL PWM Frequency - Vehicle	0.0	Hz
HVIL PWM peak voltage Sourced - Vehicle	0.364	Volts
HVIL PWM peak voltage Sensed - Vehicle	0.335	Volts
HVIL Source Voltage- Battery	1.377	Volts
HVIL Returned current - Battery	30.20	mA
HV Battery Current Sensor 1 Hall High	-0.40	Amps
HV Battery Current Sensor 2 Hall Low	-0.05	Amps
HV Battery Current HVBatCrnt	0.00	Amps
HV Cooling Speed Pump 1 Target	0	rpm
HV Cooling Speed pump 1 Speed	0	rpm
Charge indicator Temp	73	°F
BPCM temperature max	79	°F
BPCM temperature min	75	°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	2.502	Volts
Isolation Circuitry Vd	0.000	Volts

WC and Circuitry 2.5V Reference Voltage	2.501	Volts
WC and Circuitry Vcc Voltage	5.000	Volts
WC and Circuitry ISO 8V Reference Voltage	7.990	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	Latched	
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	Normal	
CVTN HREF GND FAULT	Normal	
CVTN ADC CAL ERR	Normal	
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	96072	watts
HV Battery Charge Power 10sec	94641	watts
HV Battery Discharge Power 2sec	96171	watts
HV Battery Discharge Power 10sec	94251	watts
HV Battery Power	007530	watts

Key - DriveRdy (CAN)	True	
Battery Lifetime Number Of Closes	4335	
Battery Full AmpHr Capacity	46	AmpHrs
Cell Impedance Max Discharge	0	mOhms
Cell Impedance Mim Discharge	0	mOhms
Battery Cell Voltage Maximum	3713	mV
Battery Cell Voltage Minimum	3697	mV
Battery Cell Voltage Average	3703	mV
Battery Cell Highest Cell number	94	
Battery Cell Lowest Cell number	76	
HV Battery Voltage (cell sum)	355.50	Volts
HV Battery Voltage (Module Sum)	355.00	Volts
HV Sensor A Pack Voltage	355.60	Volts
HV Sensor B Bus\Link (Pre-Fuse) Voltage	1.20	Volts
HV Sensor C OBCM (HVOBC Fuse) Voltage	0.70	Volts
HV Sensor D Heater (HVHTR Fuse) Voltage	0.70	Volts
HV Sensor G Weld Contactor(Pack Negative) Voltage	0.6	Volts
Battery Temperature Maximum Module	79	°F
Battery Temperature Minimum Module	75	°F
Battery Temperature Average Module	77	°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	75	°F
HV Cooling Battery coolant outlet temp	75	°F
HV Cooling OBCM temp inlet Temp	75	°F
Pump - Battery Coolant Level Low	False	
Isolation Vehicle Diagnostic Status	Run and Passed	
Isolation Vehicle Impedance	7.7098	Mega Ohms
Isolation Battery Diagnostic Status	Run and Passed	
Isolation Battery Impedance	0.8480	Mega Ohms
CVTN CUST CKSUM ERR	Normal	

OBCM | U0293-00 | Stored | Lost Communication with Hybrid Control Module "A"-

NAME	VALUE	UNITS
DTC	C2 93 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	13312	miles
Most Recent Odometer Value	13312	miles
Frequency Counter	1	
Ignition Cycle Counter	4	
DTC Extended Data Record Number - Record #2	2C	
OBCM Status AC Present	AC Not OK	
AC Line Low	Valid	
AC Line High	Not Valid	
AC Side Current	0.70	Amps
AC Side Volt	1.8	Volts
HCP (EVCU) AC Current Max Cal	-0.50	Amps
HCP (EVCU) Voltage Request	0	Volts
HCP (EVCU) Current Request	0.00	AMP
Battery Not Detected	False	
Battery Voltage Under Min	Not Valid	
Battery Voltage Over Max	Not Valid	
Battery Side Current	0.30	Amps
Battery Side Voltage	0.0	Volts
HV OC	False	
HV OV	False	
HCP (EVCU) HV Current Max Cal	-12.00	Amps
HCP (EVCU) HV Volt Max Cal	152	Volt
HCP (EVCU) HV Volt Min Cal	244	Volt
OBCM Temperature 1	99	°F
OBCM Temperature 2	97	°F
OBCM Temperature 3	95	°F
OBCM Temperature 4	90	°F
NTC1 OT	False	
NTC2 OT	False	
NTC3 OT	False	
NTC4 OT	False	
External OBCM Inlet Temperature (CAN)	-40	°F
J1772 ICA	0	AMP
J1772 S2 Close	Open	
J1772 Stat	Veh Not Connected	
J1772 S2 Status	Open	
Control Pilot Amplitude	7.481	Volts
Control Pilot Duty Cycle	0.00	%
Control Pilot Frequency	1024	Hz
EVSE Pilot Stat	NO EVSE	
Prox Stat	Prox Out	

Prox Voltage	4.451	Volt
OBC Idle Tml	46	hrs
Watt-Hours of AC Power	0	W-Hrs
Watt Hours of Charge the HV Bus	0	W-Hrs
OBCM Mode	UTC	
OBCM Charger Ready	Off	
OBCM WU Status	Off	
Charge Enable Status	Chrg Disable	
HCP (EVCU) Shutdown Command	EVCU Operational	
HCP (EVCU) Enable Charge Command	Charge disable	
HCP (EVCU) OBC Mode Request	Idle	
Generic Fail Sts	No Functional Fail Present	
Chrg Fail Sts	No Faults detected	
OBCM Wake Up Reason	Master Wake Up	
OBC Control Mth	Current	
OBCM Deraing Reason	AC Voltage Limit Derating	
Close Chrg Cntctr	Open	
Chrg Cntctr Stat	Open	
Chrg Mode	Charge Mode	
OBCM Fault Reason	No Faults detected	
Module A Primary - PFC Temperature	91	°F
Module A Primary - LLC Temperature	93	°F
Module A Secondary - Buck Temperature	90	°F
Module A Secondary - Ambient Temperature	97	°F
Module A Primary - AC Side Volt	1.6	Volts
Module A Primary - AC Side Current	-24.60	Amps
Module A Secondary - Battery Side Voltage	0.0	Volts
Module A Secondary - Battery Side Current	-24.90	Amps
Module A Secondary - Buck Output Voltage	0.1	Volts
Module B Primary - PFC Temperature	93	°F
Module B Primary - LLC Temperature	97	°F
Module B Secondary - Buck Temperature	95	°F
Module B Secondary - Ambient Temperature	99	°F
Module B Primary - AC Side Volt	2.0	Volts
Module B Primary - AC Side Current	-24.70	Amps
Module B Secondary - Battery Side Voltage	0.0	Volts
Module B Secondary - Battery Side Current	-24.80	Amps
Module B Secondary - Buck Output Voltage	0.1	Volts
OBCM - HV Over Voltage Protect	False	
OBCM - LV Aux Over Voltage Protect	False	
OBCM - LV Aux Under Voltage Protect	False	
OBCM - LLC Over Voltage Protect	False	
OBCM - LLC Under Voltage Protect	False	
OBCM - PFC Over Voltage Protect	False	

OBCM - PFC Under Voltage Protect	False	
OBCM - Battery 12V Under Voltage Protect	False	
OBCM - Battery 12V Over Voltage Protect	False	
OBCM - AC Under Voltage Protect	False	
OBCM - AC Over Voltage Protect	False	
OBCM - AC Over Current Protect	False	
OBCM - HV Voltage Over MaxCal Protect	False	
OBCM - HV Over Current Protect	False	
OBCM - Power Stage Over Voltage Protect	False	
OBCM - Internal Memory Fault	False	
OBCM - Over Temperature Protect	False	
OBCM - HCP Loss of Communication Protect	True	
OBCM - Loss BPCM Communication Protect	False	
OBCM - CAN Bus Off	False	
OBCM - Pilot Duty Fault	False	
OBCM - Prox Range To Low	False	
OBCM - Prox Range To High	False	
OBCM - HV Voltage Under MinCal Protect	False	
OBCM - SPI Communication Fault	False	
OBCM - Pilot Short To Battery	False	
OBCM - WakeUp Output Stuck Low	False	
OBCM - WakeUp Output Stuck High	False	
OBCM - ORC Loss of Communication	False	
OBCM - HV Battery Not Contact	False	
OBCM - Loss Communication Protect	False	
OBCM - Receive HV Battery Contact Open From BPCM	False	
OBCM - Secondary Aux Over Voltage Protect	False	
OBCM - Secondary Aux Under Voltage Protect	False	
OBCM - Primary Aux Over Voltage Protect	False	
OBCM - Primary Aux Under Voltage Protect	False	
OBCM - Stuck Shutdown	False	
OBCM - Cycle Shutdown	False	
OBCM - HV Under Voltage Protect	False	
OBCM - Vehicle Impact	False	
OBCM - ARC/CRC Fault	False	
OBCM - AC Contact Welded Fault	False	
Control Pilot Open fault	False	
Prox open fault	False	
OBCM - Internal S2 Switch Low Fault	False	
OBCM - Internal S2 Switch High Fault	False	
OBCM - Pilot Range Fault	False	
OBCM - Prox Range Fault	False	
force shutdown fault	False	
pilot signal wake up issue because of EVSE	False	

HCP stuck low fault	False	
HCP stuck High fault	False	
Plant mode flag	False	
Retry fault flag	False	
Loss SBC communication (SPI)	False	
pilot input short to ground fault	False	
pilot input short to battery fault in Driver mode detecting	False	
pilot short to ground fault in driver mode detecting	False	
Charging ready line open fault	False	
Pilot frequency range fault	False	
OBCM - Internal S2 Switch High Fault in Driver mode detecting	False	
Module A Primary - AC Under Voltage Protect	False	
Module A Primary - PFC Power Limit	True	
Module A Primary - PFC Enable States	False	
Module A Primary - LLC Enable States	False	
Module A Primary - PFC Under Voltage Protect	False	
Module A Primary - PFC Over Voltage Protect	False	
Module A Primary - Over Temperature Protect	False	
Module A Primary - Hot Warning	False	
Module A Primary - AC Present	False	
Module A Primary - PFC Over Temperature Protect	False	
Module A Primary - LLC Over Temperature Protect	False	
Module A Primary - PFC Hot Warning	False	
Module A Primary - LLC Hot Warning	False	
Module A Primary - AC Over Voltage Protect	True	
Module A Primary - Relay Enable States	False	
Module A Primary - Aux Over Voltage Protect	False	
Module A Primary - Aux Under Voltage Protect	False	
Module A Primary - Secondary Micro Enable Command	False	
Module A Primary - AC Vin Lost	True	
Module A Primary - Loss Communication Protect	False	
Module A Primary - Standby Mode	True	
Module A Primary - Operate Mode	False	
Module A Primary - Shutdown Mode	False	
Module A Secondary - Aux Enable States	True	
Module A Secondary - HV Enable States	False	
Module A Secondary - LLC Under Voltage Protect	False	
Module A Secondary - LLC Over Voltage Protect	False	
Module A Secondary - HV Over Voltage Protect	False	
Module A Secondary - HV Over Current Protect	False	
Module A Secondary - Over Temperature Protect	False	
Module A Secondary - Hot Warning	False	
Module A Secondary - HV Over Temperature Protect	False	
Module A Secondary - Ambient Over Temperature Protect	False	

Module A Secondary - HV Hot Warning	False	
Module A Secondary - Ambient Hot Warning	False	
Module A Secondary - Aux Over Voltage Protect	False	
Module A Secondary - Aux Under Voltage Protect	False	
Module A Secondary - Loss Primary Communication Protect	False	
Module A Secondary - LV Micro Enable Command	False	
Module A Secondary - Loss LV Communication Protect	False	
Module A Secondary - Primary Turn On States	False	
Module A Secondary - Primary Shutdown States	False	
Module A Secondary - HV Under Voltage Protect	False	
Module A Secondary - Standby Mode	True	
Module A Secondary - Operate Mode	False	
Module A Secondary - Shutdown Mode	False	
Module A Secondary - LV Micro Disable Command	True	
Module A Secondary - PFC High Temperature Derating	False	
Module A Secondary - PFC Low Temperature Derating	False	
Module A Secondary - LLC High Temperature Derating	False	
Module A Secondary - LLC Low Temperature Derating	False	
Module A Secondary - HV High Temperature Derating	False	
Module A Secondary - HV Low Temperature Derating	False	
Module A Secondary - Ambient High Temperature Derating	False	
Module A Secondary - Ambient Low Temperature Derating	False	
Module A Secondary - AC Input Voltage Derating	True	
Module A Secondary - HV Output Voltage Derating	False	
Module B Primary - AC Under Voltage Protect	False	
Module B Primary - PFC Power Limit	True	
Module B Primary - PFC Enable States	False	
Module B Primary - LLC Enable States	False	
Module B Primary - PFC Under Voltage Protect	False	
Module B Primary - PFC Over Voltage Protect	False	
Module B Primary - Over Temperature Protect	False	
Module B Primary - Hot Warning	False	
Module B Primary - AC Present	False	
Module B Primary - PFC Over Temperature Protect	False	
Module B Primary - LLC Over Temperature Protect	False	
Module B Primary - PFC Hot Warning	False	
Module B Primary - LLC Hot Warning	False	
Module B Primary - AC Over Voltage Protect	True	
Module B Primary - Relay Enable States	False	
Module B Primary - Aux Over Voltage Protect	False	
Module B Primary - Aux Under Voltage Protect	False	
Module B Primary - Secondary Micro Enable Command	False	
Module B Primary - AC Vin Lost	True	
Module B Primary - Loss Communication Protect	False	

Module B Primary - Standby Mode	True	
Module B Primary - Operate Mode	False	
Module B Primary - Shutdown Mode	False	
Module B Secondary - Aux Enable States	True	
Module B Secondary - HV Enable States	False	
Module B Secondary - LLC Under Voltage Protect	False	
Module B Secondary - LLC Over Voltage Protect	False	
Module B Secondary - HV Over Voltage Protect	False	
Module B Secondary - HV Over Current Protect	False	
Module B Secondary - Over Temperature Protect	False	
Module B Secondary - Hot Warning	False	
Module B Secondary - HV Over Temperature Protect	False	
Module B Secondary - Ambient Over Temperature Protect	False	
Module B Secondary - HV Hot Warning	False	
Module B Secondary - Ambient Hot Warning	False	
Module B Secondary - Aux Over Voltage Protect	False	
Module B Secondary - Aux Under Voltage Protect	False	
Module B Secondary - Loss Primary Communication Protect	False	
Module B Secondary - LV Micro Enable Command	False	
Module B Secondary - Loss LV Communication Protect	False	
Module B Secondary - Primary Turn On States	False	
Module B Secondary - Primary Shutdown States	False	
Module B Secondary - HV Under Voltage Protect	False	
Module B Secondary - Standby Mode	True	
Module B Secondary - Operate Mode	False	
Module B Secondary - Shutdown Mode	False	
Module B Secondary - LV Micro Disable Command	True	
Module B Secondary - PFC High Temperature Derating	False	
Module B Secondary - PFC Low Temperature Derating	False	
Module B Secondary - LLC High Temperature Derating	False	
Module B Secondary - LLC Low Temperature Derating	False	
Module B Secondary - HV High Temperature Derating	False	
Module B Secondary - HV Low Temperature Derating	False	
Module B Secondary - Ambient High Temperature Derating	False	
Module B Secondary - Ambient Low Temperature Derating	False	
Module B Secondary - AC Input Voltage Derating	True	
Module B Secondary - HV Output Voltage Derating	False	
SBC State_DF00	00	
SBC State_DF80	00	
SBC State_E100	00	
SBC State_E180	00	
SBC State_E300	00	
SBC State_E500	00	
SBC State_E580	00	

OBCM Charge Current Available	0.00	AMP
BPCM HV Battery Contactor Open	False	
SBC Bus Off	False	
CANSIP Bus Off	False	
OBC Charge Time	0	sec
OBC Charge Tml	41613	hrs
OBC Idle Time	0	sec
EPT LOC Diag Enable	Enable Limited LOC Diagnostic	
HCP Shutdown Command	No Shutdown	
HV Battey Contactor Open	False	
BPCM Request for HV Contactor	False	
HV Contactor Status	Open	
Ignition on Time for DTC	0	sec

SNAPSHOT DATA SUMMARY

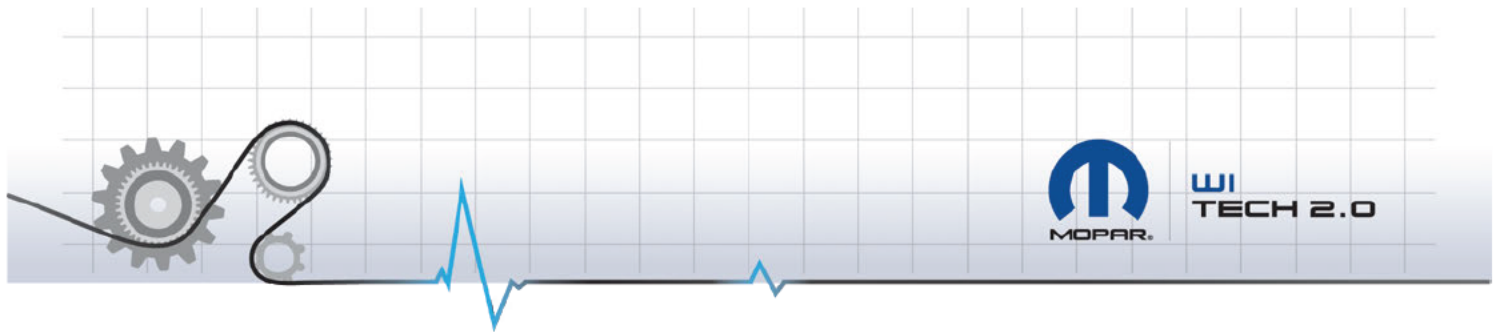
No Snapshot Data available for P0113

No Snapshot Data available for B10EB-00

No Snapshot Data available for P1CDC-00

No Snapshot Data available for U0293-00

No Snapshot Data available for U0293-00



VEHICLE SCAN REPORT

Vehicle 2021 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
VIN 2C4RC1L75MR [REDACTED]

Odometer 13313.9 miles
Publication Date Sep 6, 2022, 1:58:08 PM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT	ORIGINAL VIN	PART #
PCM	Powertrain Control Module	CAN-C	68499122AE	2C4RC1L7	2C4RC1L75M [REDACTED]	68499122AE
PLGM	Power Liftgate	CAN-I	68466171AI	2C4RC1L7	—	68466171AI
ICS	Integrated Center Stack	CAN-I	7AS341X8AA	2C4RC1L7	2C4RC1L75M	7AS341X8AA
RFH	Radio Frequency Hub	CAN-C	68500152AA	2C4RC1L7	2C4RC1L75M	68500152AA
ESM	Electronic Shifter	CAN-C	68240089AM	2C4RC1L7	2C4RC1L75M	68240089AM
ORC	Occupant Restraint	CAN-C	68480710AC	2C4RC1L7	2C4RC1L75M	68480710AC
EPS	Electric Power Steering	CAN-C	68460392AA	2C4RC1L7	2C4RC1L75M	68460392AA
HVAC	Heat, Ventilation and A/C	CAN-I	68493454AE	2C4RC1L7	2C4RC1L75M	68493454AE
DDM	Driver Door Module	CAN-I	68496463AB	2C4RC1L7	2C4RC1L75M	68496463AB
PDM	Passenger Door Module	CAN-I	68496462AB	2C4RC1L7	2C4RC1L75M	68496462AB
DMRL	Door Module Rear Left	CAN-I	68508894AB	2C4RC1L7	2C4RC1L75M	68508894AB
DMRR	Door Module Rear Right	CAN-I	68508894AB	2C4RC1L7	2C4RC1L75M	68508894AB
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AD	2C4RC1L7	2C4RC1L75M	68369596AD
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AD	2C4RC1L7	2C4RC1L75M	68369596AD
MSM	Memory Seat Module	CAN-I	68321862AC	2C4RC1L7	2C4RC1L75M	68321862AC
CSWM	Comfort Seat Wheel Module	CAN-I	68517011AB	2C4RC1L7	2C4RC1L75M	68517011AB
AMP	Amplifier	CAN-I	68476878AA	2C4RC1L7	2C4RC1L75M	68476878AA
IPC	Instrument Panel Cluster	CAN-C	68434960AE	2C4RC1L7	2C4RC1L75M	68434960AE
PTS	Parktronics	CAN-C	68485862AA	2C4RC1L7	2C4RC1L75M	68485862AA
SCCM	Steering Column Control Module	CAN-C	68360889AD	2C4RC1L7	2C4RC1L75M	68360889AD
BCM	Body Controller	CAN-C	68491085AG	2C4RC1L7	2C4RC1L75M	68491085AG

ACC	Adaptive Cruise Control	CAN-C	68540436AA	2C4RC1L75MR	2C4RC1L75MR5	68540436AA
RADIO	Radio	CAN-I	68465292AC	2C4RC1L75MR	2C4RC1L75MR5	68465292AC
OCM	Occupant Classification	CAN-C	68403127AA	2C4RC1L75MR	2C4RC1L75MR5	68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB	2C4RC1L75MR	2C4RC1L75MR5	68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB	2C4RC1L75MR	2C4RC1L75MR5	04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB	2C4RC1L75MR	2C4RC1L75MR5	04672786AB
FFCM	Forward Facing Camera Module	CAN-C	68493395AA	2C4RC1L75MR	2C4RC1L75MR5	68493395AA
EDM	External Disc Module	CAN-I	68378304AB	2C4RC1L75MR	2C4RC1L75MR5	68378304AB
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1L75MR	2C4RC1L75MR5	05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193183AE	2C4RC1L75MR	2C4RC1L75MR5	05193183AE
HCP	Hybrid Control Processor	CAN-C	05185116AJ	2C4RC1L75MR	2C4RC1L75MR5	05185116AJ
OBCM	On Board Charging Module	CAN-C	05185047AE	2C4RC1L75MR	2C4RC1L75MR5	05185047AE
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC	2C4RC1L75MR	2C4RC1L75MR5	68321862AC
DSM	Display Screen Module	CAN-I	68438382AD	2C4RC1L75MR	2C4RC1L75MR5	68438382AD
VRM	Video Routing Module	CAN-I	68493702AA	2C4RC1L75MR	2C4RC1L75MR5	68493702AA
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30PD2AA	2C4RC1L75MR	2C4RC1L75MR5	6WL30PD2AA
CVPM	Central vision processing module	CAN-I	56029920AB	2C4RC1L75MR	2C4RC1L75MR5	56029920AB
EAC	Electric A/C Compressor	CAN-C	68237995AG	2C4RC1L75MR	2C4RC1L75MR5	68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05185117AJ	2C4RC1L75MR	2C4RC1L75MR5	05185117AJ
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB	2C4RC1L75MR	2C4RC1L75MR5	68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD	2C4RC1L75MR	2C4RC1L75MR5	68471122AD
SGW	Security Gateway Module	CAN-C	68488429AB		2C4RC1L75MR5	68488429AB
TBM2	Telematic Box Module 2	CAN-C	68546266AB	2C4RC1L75MR	2C4RC1L75MR5	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	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	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 12 01	14 26 01	4400
RADIO		65	5175	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	12 0D 00	4202
RBSS	USA / USA	11 30 02	12 0D 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	14 2C 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	14 28 00	4300
VRM	USA / USA	0F 1C 00	14 1E 14	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
PCM	P0113	Intake Air Temperature Sensor 1 Circuit High	Active
HVAC	B10EB-00	Blower Power Module-	Stored
APM	P1CDC-00	Hybrid/EV Wakeup Control 1 Output Circuit Short to Ground-	Stored
BPCM	U0293-00	Lost Communication with Hybrid Control Module "A"-	Stored
OBCM	U0293-00	Lost Communication with Hybrid Control Module "A"-	Stored

ENVIRONMENTAL DATA SUMMARY

PCM | P0113 | Active | Intake Air Temperature Sensor 1 Circuit High

NAME	VALUE	UNITS
Number of DTC	1	
DTC	01 13	
DTC Readiness Flag	Not Complete	
DTC Storage State	Active	
Warning Indicator Request State	On	
Odometer	13270.5	miles
Accumulation Timer	4	minutes
Ignition Key Cycles	0	
Starts Since Set Counter	0	
Key Cycles Since DTC Last Set Counter	0	
Warm Up Cycles	0	
Good Trip Counter	0	

HVAC | B10EB-00 | Stored | Blower Power Module-

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	13312	miles
Most Recent Odometer Value	13312	miles
Frequency Counter	1	
Ignition Cycle Counter	7	

APM | P1CDC-00 | Stored | Hybrid/EV Wakeup Control 1 Output Circuit Short to Ground-

NAME	VALUE	UNITS
DTC	1C DC 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	13312	miles
Most Recent Odometer Value	13312	miles
Frequency Counter	1	
Ignition Cycle Counter	4	
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	Idle	
APM High Voltage DC Voltage Set Point	14.0000	Volt
APM Low Voltage DC Voltage Set Point	14.25	Volt
APM Operation Mode Status Reported from APM	Idle	
APM Derating Mode Status	No de-rating	
APM Derating Reason	Default(Normal Operation)	
APM Failure Mode Status	No failure	
APM Failure Reason	No failure	
Low voltage battery voltage from HCP	12.9600	Volt

BPCM | U0293-00 | Stored | Lost Communication with Hybrid Control Module "A"-

NAME	VALUE	UNITS
DTC	C2 93 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	13312	miles
Most Recent Odometer Value	13312	miles
Frequency Counter	1	
Ignition Cycle Counter	1	
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	54173760	seconds

Key in Ignition	Key_Def	
Key Position	Ign_Lock	
EPT -WakeUp	Sourced	
HCP Contactor Command	Impact Open	
Qualified Contactor Command - QCC	Open	
Verified Contactor Command - VCC	Invalid	
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)	13313.63	miles
Battery Lifetime Miles	A5E174	miles
Vehicle Speed	0.0	MPH
System (12) Volts at time of fault	13.077	Volts
Battery Lifetime AmpHrs of Charge	12687.7	AHr
Battery Lifetime AmpHrs of DisCharge	12646.9	AHr
SOC at time of Fault	55.3	%
Power Up SOC at time of Fault	54.5	%
HVIL Status -Vehicle	Not Sourced	
HVIL Status - Battery pack	PASS	
HVIL PWM Duty Cycle - Vehicle	0.0	%
HVIL PWM Frequency - Vehicle	0.0	Hz
HVIL PWM peak voltage Sourced - Vehicle	0.364	Volts
HVIL PWM peak voltage Sensed - Vehicle	0.335	Volts
HVIL Source Voltage- Battery	1.377	Volts
HVIL Returned current - Battery	30.20	mA
HV Battery Current Sensor 1 Hall High	-0.40	Amps
HV Battery Current Sensor 2 Hall Low	-0.05	Amps
HV Battery Current HVBatCrnt	0.00	Amps
HV Cooling Speed Pump 1 Target	0	rpm
HV Cooling Speed pump 1 Speed	0	rpm
Charge indicator Temp	73	°F
BPCM temperature max	79	°F
BPCM temperature min	75	°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	2.502	Volts
Isolation Circuitry Vd	0.000	Volts

WC and Circuitry 2.5V Reference Voltage	2.501	Volts
WC and Circuitry Vcc Voltage	5.000	Volts
WC and Circuitry ISO 8V Reference Voltage	7.990	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	Latched	
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	Normal	
CVTN HREF GND FAULT	Normal	
CVTN ADC CAL ERR	Normal	
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	96072	watts
HV Battery Charge Power 10sec	94641	watts
HV Battery Discharge Power 2sec	96171	watts
HV Battery Discharge Power 10sec	94251	watts
HV Battery Power	007530	watts

Key - DriveRdy (CAN)	True	
Battery Lifetime Number Of Closes	4335	
Battery Full AmpHr Capacity	46	AmpHrs
Cell Impedance Max Discharge	0	mOhms
Cell Impedance Mim Discharge	0	mOhms
Battery Cell Voltage Maximum	3713	mV
Battery Cell Voltage Minimum	3697	mV
Battery Cell Voltage Average	3703	mV
Battery Cell Highest Cell number	94	
Battery Cell Lowest Cell number	76	
HV Battery Voltage (cell sum)	355.50	Volts
HV Battery Voltage (Module Sum)	355.00	Volts
HV Sensor A Pack Voltage	355.60	Volts
HV Sensor B Bus\Link (Pre-Fuse) Voltage	1.20	Volts
HV Sensor C OBCM (HVOBC Fuse) Voltage	0.70	Volts
HV Sensor D Heater (HVHTR Fuse) Voltage	0.70	Volts
HV Sensor G Weld Contactor(Pack Negative) Voltage	0.6	Volts
Battery Temperature Maximum Module	79	°F
Battery Temperature Minimum Module	75	°F
Battery Temperature Average Module	77	°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	75	°F
HV Cooling Battery coolant outlet temp	75	°F
HV Cooling OBCM temp inlet Temp	75	°F
Pump - Battery Coolant Level Low	False	
Isolation Vehicle Diagnostic Status	Run and Passed	
Isolation Vehicle Impedance	7.7098	Mega Ohms
Isolation Battery Diagnostic Status	Run and Passed	
Isolation Battery Impedance	0.8480	Mega Ohms
CVTN CUST CKSUM ERR	Normal	

OBCM | U0293-00 | Stored | Lost Communication with Hybrid Control Module "A"-

NAME	VALUE	UNITS
DTC	C2 93 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	13312	miles
Most Recent Odometer Value	13312	miles
Frequency Counter	1	
Ignition Cycle Counter	4	
DTC Extended Data Record Number - Record #2	2C	
OBCM Status AC Present	AC Not OK	
AC Line Low	Valid	
AC Line High	Not Valid	
AC Side Current	0.70	Amps
AC Side Volt	1.8	Volts
HCP (EVCU) AC Current Max Cal	-0.50	Amps
HCP (EVCU) Voltage Request	0	Volts
HCP (EVCU) Current Request	0.00	AMP
Battery Not Detected	False	
Battery Voltage Under Min	Not Valid	
Battery Voltage Over Max	Not Valid	
Battery Side Current	0.30	Amps
Battery Side Voltage	0.0	Volts
HV OC	False	
HV OV	False	
HCP (EVCU) HV Current Max Cal	-12.00	Amps
HCP (EVCU) HV Volt Max Cal	152	Volt
HCP (EVCU) HV Volt Min Cal	244	Volt
OBCM Temperature 1	99	°F
OBCM Temperature 2	97	°F
OBCM Temperature 3	95	°F
OBCM Temperature 4	90	°F
NTC1 OT	False	
NTC2 OT	False	
NTC3 OT	False	
NTC4 OT	False	
External OBCM Inlet Temperature (CAN)	-40	°F
J1772 ICA	0	AMP
J1772 S2 Close	Open	
J1772 Stat	Veh Not Connected	
J1772 S2 Status	Open	
Control Pilot Amplitude	7.481	Volts
Control Pilot Duty Cycle	0.00	%
Control Pilot Frequency	1024	Hz
EVSE Pilot Stat	NO EVSE	
Prox Stat	Prox Out	

Prox Voltage	4.451	Volt
OBC Idle Tml	46	hrs
Watt-Hours of AC Power	0	W-Hrs
Watt Hours of Charge the HV Bus	0	W-Hrs
OBCM Mode	UTC	
OBCM Charger Ready	Off	
OBCM WU Status	Off	
Charge Enable Status	Chrg Disable	
HCP (EVCU) Shutdown Command	EVCU Operational	
HCP (EVCU) Enable Charge Command	Charge disable	
HCP (EVCU) OBC Mode Request	Idle	
Generic Fail Sts	No Functional Fail Present	
Chrg Fail Sts	No Faults detected	
OBCM Wake Up Reason	Master Wake Up	
OBC Control Mth	Current	
OBCM Deraing Reason	AC Voltage Limit Derating	
Close Chrgr Cntctr	Open	
Chrgr Cntctr Stat	Open	
Chrg Mode	Charge Mode	
OBCM Fault Reason	No Faults detected	
Module A Primary - PFC Temperature	91	°F
Module A Primary - LLC Temperature	93	°F
Module A Secondary - Buck Temperature	90	°F
Module A Secondary - Ambient Temperature	97	°F
Module A Primary - AC Side Volt	1.6	Volts
Module A Primary - AC Side Current	-24.60	Amps
Module A Secondary - Battery Side Voltage	0.0	Volts
Module A Secondary - Battery Side Current	-24.90	Amps
Module A Secondary - Buck Output Voltage	0.1	Volts
Module B Primary - PFC Temperature	93	°F
Module B Primary - LLC Temperature	97	°F
Module B Secondary - Buck Temperature	95	°F
Module B Secondary - Ambient Temperature	99	°F
Module B Primary - AC Side Volt	2.0	Volts
Module B Primary - AC Side Current	-24.70	Amps
Module B Secondary - Battery Side Voltage	0.0	Volts
Module B Secondary - Battery Side Current	-24.80	Amps
Module B Secondary - Buck Output Voltage	0.1	Volts
OBCM - HV Over Voltage Protect	False	
OBCM - LV Aux Over Voltage Protect	False	
OBCM - LV Aux Under Voltage Protect	False	
OBCM - LLC Over Voltage Protect	False	
OBCM - LLC Under Voltage Protect	False	
OBCM - PFC Over Voltage Protect	False	

OBCM - PFC Under Voltage Protect	False	
OBCM - Battery 12V Under Voltage Protect	False	
OBCM - Battery 12V Over Voltage Protect	False	
OBCM - AC Under Voltage Protect	False	
OBCM - AC Over Voltage Protect	False	
OBCM - AC Over Current Protect	False	
OBCM - HV Voltage Over MaxCal Protect	False	
OBCM - HV Over Current Protect	False	
OBCM - Power Stage Over Voltage Protect	False	
OBCM - Internal Memory Fault	False	
OBCM - Over Temperature Protect	False	
OBCM - HCP Loss of Communication Protect	True	
OBCM - Loss BPCM Communication Protect	False	
OBCM - CAN Bus Off	False	
OBCM - Pilot Duty Fault	False	
OBCM - Prox Range To Low	False	
OBCM - Prox Range To High	False	
OBCM - HV Voltage Under MinCal Protect	False	
OBCM - SPI Communication Fault	False	
OBCM - Pilot Short To Battery	False	
OBCM - WakeUp Output Stuck Low	False	
OBCM - WakeUp Output Stuck High	False	
OBCM - ORC Loss of Communication	False	
OBCM - HV Battery Not Contact	False	
OBCM - Loss Communication Protect	False	
OBCM - Receive HV Battery Contact Open From BPCM	False	
OBCM - Secondary Aux Over Voltage Protect	False	
OBCM - Secondary Aux Under Voltage Protect	False	
OBCM - Primary Aux Over Voltage Protect	False	
OBCM - Primary Aux Under Voltage Protect	False	
OBCM - Stuck Shutdown	False	
OBCM - Cycle Shutdown	False	
OBCM - HV Under Voltage Protect	False	
OBCM - Vehicle Impact	False	
OBCM - ARC/CRC Fault	False	
OBCM - AC Contact Welded Fault	False	
Control Pilot Open fault	False	
Prox open fault	False	
OBCM - Internal S2 Switch Low Fault	False	
OBCM - Internal S2 Switch High Fault	False	
OBCM - Pilot Range Fault	False	
OBCM - Prox Range Fault	False	
force shutdown fault	False	
pilot signal wake up issue because of EVSE	False	

HCP stuck low fault	False	
HCP stuck High fault	False	
Plant mode flag	False	
Retry fault flag	False	
Loss SBC communication (SPI)	False	
pilot input short to ground fault	False	
pilot input short to battery fault in Driver mode detecting	False	
pilot short to ground fault in driver mode detecting	False	
Charging ready line open fault	False	
Pilot frequency range fault	False	
OBCM - Internal S2 Switch High Fault in Driver mode detecting	False	
Module A Primary - AC Under Voltage Protect	False	
Module A Primary - PFC Power Limit	True	
Module A Primary - PFC Enable States	False	
Module A Primary - LLC Enable States	False	
Module A Primary - PFC Under Voltage Protect	False	
Module A Primary - PFC Over Voltage Protect	False	
Module A Primary - Over Temperature Protect	False	
Module A Primary - Hot Warning	False	
Module A Primary - AC Present	False	
Module A Primary - PFC Over Temperature Protect	False	
Module A Primary - LLC Over Temperature Protect	False	
Module A Primary - PFC Hot Warning	False	
Module A Primary - LLC Hot Warning	False	
Module A Primary - AC Over Voltage Protect	True	
Module A Primary - Relay Enable States	False	
Module A Primary - Aux Over Voltage Protect	False	
Module A Primary - Aux Under Voltage Protect	False	
Module A Primary - Secondary Micro Enable Command	False	
Module A Primary - AC Vin Lost	True	
Module A Primary - Loss Communication Protect	False	
Module A Primary - Standby Mode	True	
Module A Primary - Operate Mode	False	
Module A Primary - Shutdown Mode	False	
Module A Secondary - Aux Enable States	True	
Module A Secondary - HV Enable States	False	
Module A Secondary - LLC Under Voltage Protect	False	
Module A Secondary - LLC Over Voltage Protect	False	
Module A Secondary - HV Over Voltage Protect	False	
Module A Secondary - HV Over Current Protect	False	
Module A Secondary - Over Temperature Protect	False	
Module A Secondary - Hot Warning	False	
Module A Secondary - HV Over Temperature Protect	False	
Module A Secondary - Ambient Over Temperature Protect	False	

Module A Secondary - HV Hot Warning	False	
Module A Secondary - Ambient Hot Warning	False	
Module A Secondary - Aux Over Voltage Protect	False	
Module A Secondary - Aux Under Voltage Protect	False	
Module A Secondary - Loss Primary Communication Protect	False	
Module A Secondary - LV Micro Enable Command	False	
Module A Secondary - Loss LV Communication Protect	False	
Module A Secondary - Primary Turn On States	False	
Module A Secondary - Primary Shutdown States	False	
Module A Secondary - HV Under Voltage Protect	False	
Module A Secondary - Standby Mode	True	
Module A Secondary - Operate Mode	False	
Module A Secondary - Shutdown Mode	False	
Module A Secondary - LV Micro Disable Command	True	
Module A Secondary - PFC High Temperature Derating	False	
Module A Secondary - PFC Low Temperature Derating	False	
Module A Secondary - LLC High Temperature Derating	False	
Module A Secondary - LLC Low Temperature Derating	False	
Module A Secondary - HV High Temperature Derating	False	
Module A Secondary - HV Low Temperature Derating	False	
Module A Secondary - Ambient High Temperature Derating	False	
Module A Secondary - Ambient Low Temperature Derating	False	
Module A Secondary - AC Input Voltage Derating	True	
Module A Secondary - HV Output Voltage Derating	False	
Module B Primary - AC Under Voltage Protect	False	
Module B Primary - PFC Power Limit	True	
Module B Primary - PFC Enable States	False	
Module B Primary - LLC Enable States	False	
Module B Primary - PFC Under Voltage Protect	False	
Module B Primary - PFC Over Voltage Protect	False	
Module B Primary - Over Temperature Protect	False	
Module B Primary - Hot Warning	False	
Module B Primary - AC Present	False	
Module B Primary - PFC Over Temperature Protect	False	
Module B Primary - LLC Over Temperature Protect	False	
Module B Primary - PFC Hot Warning	False	
Module B Primary - LLC Hot Warning	False	
Module B Primary - AC Over Voltage Protect	True	
Module B Primary - Relay Enable States	False	
Module B Primary - Aux Over Voltage Protect	False	
Module B Primary - Aux Under Voltage Protect	False	
Module B Primary - Secondary Micro Enable Command	False	
Module B Primary - AC Vin Lost	True	
Module B Primary - Loss Communication Protect	False	

Module B Primary - Standby Mode	True	
Module B Primary - Operate Mode	False	
Module B Primary - Shutdown Mode	False	
Module B Secondary - Aux Enable States	True	
Module B Secondary - HV Enable States	False	
Module B Secondary - LLC Under Voltage Protect	False	
Module B Secondary - LLC Over Voltage Protect	False	
Module B Secondary - HV Over Voltage Protect	False	
Module B Secondary - HV Over Current Protect	False	
Module B Secondary - Over Temperature Protect	False	
Module B Secondary - Hot Warning	False	
Module B Secondary - HV Over Temperature Protect	False	
Module B Secondary - Ambient Over Temperature Protect	False	
Module B Secondary - HV Hot Warning	False	
Module B Secondary - Ambient Hot Warning	False	
Module B Secondary - Aux Over Voltage Protect	False	
Module B Secondary - Aux Under Voltage Protect	False	
Module B Secondary - Loss Primary Communication Protect	False	
Module B Secondary - LV Micro Enable Command	False	
Module B Secondary - Loss LV Communication Protect	False	
Module B Secondary - Primary Turn On States	False	
Module B Secondary - Primary Shutdown States	False	
Module B Secondary - HV Under Voltage Protect	False	
Module B Secondary - Standby Mode	True	
Module B Secondary - Operate Mode	False	
Module B Secondary - Shutdown Mode	False	
Module B Secondary - LV Micro Disable Command	True	
Module B Secondary - PFC High Temperature Derating	False	
Module B Secondary - PFC Low Temperature Derating	False	
Module B Secondary - LLC High Temperature Derating	False	
Module B Secondary - LLC Low Temperature Derating	False	
Module B Secondary - HV High Temperature Derating	False	
Module B Secondary - HV Low Temperature Derating	False	
Module B Secondary - Ambient High Temperature Derating	False	
Module B Secondary - Ambient Low Temperature Derating	False	
Module B Secondary - AC Input Voltage Derating	True	
Module B Secondary - HV Output Voltage Derating	False	
SBC State_DF00	00	
SBC State_DF80	00	
SBC State_E100	00	
SBC State_E180	00	
SBC State_E300	00	
SBC State_E500	00	
SBC State_E580	00	

OBCM Charge Current Available	0.00	AMP
BPCM HV Battery Contactor Open	False	
SBC Bus Off	False	
CANSIP Bus Off	False	
OBC Charge Time	0	sec
OBC Charge Tml	41613	hrs
OBC Idle Time	0	sec
EPT LOC Diag Enable	Enable Limited LOC Diagnostic	
HCP Shutdown Command	No Shutdown	
HV Battey Contactor Open	False	
BPCM Request for HV Contactor	False	
HV Contactor Status	Open	
Ignition on Time for DTC	0	sec

SNAPSHOT DATA SUMMARY

No Snapshot Data available for P0113

No Snapshot Data available for B10EB-00

No Snapshot Data available for P1CDC-00

No Snapshot Data available for U0293-00

No Snapshot Data available for U0293-00



MARKINGS ARE APPROXIMATE

QT	L
8QT	8L
7QT	7L
6QT	6L
5QT	5L
4QT	4L
3QT	3L
2QT	2L
1QT	1L



