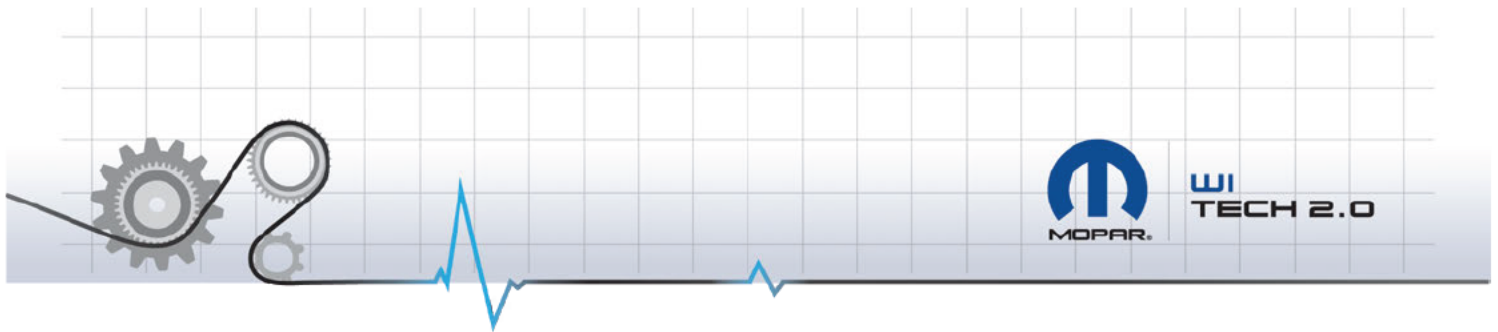


This file represents a consolidation of multiple files sent by the manufacturer. Please use the bookmarks to navigate to each file. (Each bookmark label is the name of the original file.)



CUSTOM REPORT

Vehicle 2019 CHRYSLER PACIFICA (PHEV) 3.6L V6 PHEV HYBRID ENGINE
VIN 2C4RC1N7 [REDACTED]

Odometer 44.8 miles
Publication Date Apr 4, 2019, 3:55:06 PM

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
HVAC	B10EB-00	Blower Power Module-	Stored
PLGM	B195F-12	Power Liftgate Chime Control-Circuit Short to Battery	Stored
HCP	P0A45-00	Drive Motor B Position Sensor 1 Circuit-	Stored
HCP	P0C1A-00	Drive Motor B Torque Delivered Performance-	Stored
HCP	P1A21-00	HV Battery Contactor Control Sequence Incorrect-	Stored
HCP	P1B04-00	Resolver Signal / MCPB Rationality-	Stored



VEHICLE SCAN REPORT

Vehicle 2019 CHRYSLER PACIFICA (PHEV) 3.6L V6 PHEV HYBRID ENGINE
VIN 2C4RC1N7 [REDACTED]

Odometer 44.8 miles
Publication Date Apr 4, 2019, 3:54:32 PM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT	ORIGINAL	PART #
PCM	Powertrain Control Module	CAN-C	68416680AD	2C4RC1N7	2C4RC1N7	68416680AD
ICS	Integrated Center Stack	CAN-I	6EV321X8AB	2C4RC1N7	2C4RC1N7	6EV321X8AB
RFH	Radio Frequency Hub	CAN-C	68383680AC	2C4RC1N7	2C4RC1N7	68383680AC
ESM	Electronic Shifter	CAN-C	68240089AL	2C4RC1N7	2C4RC1N7	68240089AL
ORC	Occupant Restraint	CAN-C	68405567AB	2C4RC1N7	2C4RC1N7	68405567AB
EPS	Electric Power Steering	CAN-C	68416741AA	2C4RC1N7	2C4RC1N7	68416741AA
HVAC	Heat, Ventilation and A/C	CAN-I	68406613AA	2C4RC1N7	2C4RC1N7	68406613AA
DDM	Driver Door Module	CAN-I	68316559AD	2C4RC1N7	2C4RC1N7	68316559AD
PDM	Passenger Door Module	CAN-I	68316558AD	2C4RC1N7	2C4RC1N7	68316558AD
DMRL	Door Module Rear Left	CAN-I	68225096AG	2C4RC1N7	2C4RC1N7	68225096AG
DMRR	Door Module Rear Right	CAN-I	68225096AG	2C4RC1N7	2C4RC1N7	68225096AG
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AB	2C4RC1N7	2C4RC1N7	68369596AB
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AB	2C4RC1N7	2C4RC1N7	68369596AB
MSM	Memory Seat Module	CAN-I	68321862AC	2C4RC1N7	2C4RC1N7	68321862AC
PLGM	Power Liftgate	CAN-I	68316094AF	2C4RC1N7	2C4RC1N7	68316094AF
AMP	Amplifier	CAN-I	68440634AA	2C4RC1N7	2C4RC1N7	68440634AA
IPC	Instrument Panel Cluster	CAN-C	68405292AC	2C4RC1N7	2C4RC1N7	68405292AC
PTS	Parktronics	CAN-C	68193775AJ	2C4RC1N7	2C4RC1N7	68193775AJ
SCCM	Steering Column Control Module	CAN-C	68360889AC	2C4RC1N7	2C4RC1N7	68360889AC
BCM	Body Controller	CAN-C	68402177AB	2C4RC1N7	2C4RC1N7	68402177AB
ACC	Adaptive Cruise Control	CAN-C	04672758AB	2C4RC1N7	2C4RC1N7	04672758AB
HSM	Heated Seat Module	CAN-I	68421106AA	2C4RC1N7	2C4RC1N7	68421106AA

RADIO	Radio	CAN-I	68401447AB	2C4RC1	2C4RC1N7	68401447AB
OCM	Occupant Classification	CAN-C	68403127AA	2C4RC1	2C4RC1N7	68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB	2C4RC1	2C4RC1N7	68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB	2C4RC1	2C4RC1N7	04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB	2C4RC1	2C4RC1N7	04672786AB
FFCM	Forward Facing Camera Module	CAN-C	04672776AA	2C4RC1	2C4RC1N7	04672776AA
EDM	External Disc Module	CAN-I	68378304AA	2C4RC1	2C4RC1N7	68378304AA
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1	2C4RC1N7	05185046AB
BPCM	Battery Pack Control Module	CAN-C	68429967AD	2C4RC1	2C4RC1N7	68429967AD
HCP	Hybrid Control Processor	CAN-C	05190240AM	2C4RC1	2C4RC1N7	05190240AM
OBCM	On Board Charging Module	CAN-C	05185047AD	2C4RC1	2C4RC1N7	05185047AD
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC	2C4RC1	2C4RC1N7	68321862AC
DSM	Display Screen Module	CAN-I	68316174AB	2C4RC1	2C4RC1N7	68316174AB
VRM	Video Routing Module	CAN-I	68376134AE	2C4RC1	2C4RC1N7	68376134AE
RCCC	Rear Cabin Comfort Controls	CAN-I	68395990AA	2C4RC1	2C4RC1N7	68395990AA
CVPM	Central vision processing module	CAN-I	68375113AA	2C4RC1	2C4RC1N7	68375113AA
EAC	Electric A/C Compressor	CAN-C	68237995AG	2C4RC1	2C4RC1N7	68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05190241AM	2C4RC1	2C4RC1N7	05190241AM
EBBM	Electronic Brake Booster Module	CAN-C	68240033AJ	2C4RC1	2C4RC1N7	68240033AJ
ABSO	Anti Lock Brakes OBD	CAN-C	68352786AA	2C4RC1	2C4RC1N7	68352786AA
SGW	Security Gateway Module	CAN-C	68420261AA		2C4RC1N7	68420261AA

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	VARIANT	VERSION	ISO CODE
PCM	USA	1B 47	91 04 01	44	59	
ICS	USA	0F 0C 00	11 16 00	47	00	
RFH	USA / USA	10 17 00	12 18 00	4A	00	
ESM	USA / USA	0F 24 00	12 02 FF	44	02	
ORC	USA / USA	11 1F 00	11 27 00	43	01	
EPS	USA / USA	12 02 03	11 15 01	45	02	
HVAC	USA	0E 09 00	11 29 01	44	01	

DDM	USA / USA	11 30 00	17 42 00	41	02	
PDM	USA	11 30 00	17 42 00	41	02	
DMRL	USA / USA	10 0B 00	12 0C 00	42	01	
DMRR	USA / USA	10 0B 00	12 0C 00	42	01	
PSDML	USA / USA	10 17 00	11 2D 10	40	01	
PSDMR	USA / USA	10 17 00	11 2D 10	40	01	
MSM	USA	0F 2B 00	10 27 03	41	01	
PLGM	USA	17 19 00	18 22 00	42	02	
AMP	USA	0F 05 01	12 1A 01	40	21	
IPC	USA / USA	12 0A 00	12 10 00	47	04	
PTS	USA	0E 32 00	12 1F 00	43	11	
SCCM	USA	0E 30 00	10 2B 00	43	01	
BCM	USA	0D 11 00	12 0B 90	44	15	
ACC	USA / USA	12 2D 00	11 0D 00	42	01	
HSM	USA / USA	15 12 00	12 05 01	40	03	
RADIO	USA	12 21 24	12 21 24	82	05	
OCM	USA / USA	11 1F 01	0E 2F 02	40	30	
HVACR	USA	0E 09 00	10 03 02	43	01	
LBSS	USA / USA	11 30 02	12 0D 00	42	02	
RBSS	USA / USA	11 30 02	12 0D 00	42	02	
FFCM	USA / USA	11 06 00	11 2B 00	41	02	
EDM	USA	12 0A 00	11 08 00	40	00	
APM	USA / USA	11 32 00	11 32 00	40	01	
BPCM		0E 03 00	12 07 04	40	05	
HCP	USA	11 1D 07	12 20 01	40	04	
OBCM	USA	0F 0D 00	11 2B 00	40	02	
MSMP	USA	0F 2B 00	10 27 03	40	01	
DSM	USA / USA	11 16 00	11 15 00	40	00	
VRM	USA / USA	0F 1C 00	11 32 13	40	01	
RCCC	USA	0F 1D 00	11 16 00	40	00	
CVPM	USA / USA	11 32 01	12 13 04	40	03	
EAC	USA	0E 34 00	12 0F 00	41	02	
AHCP	USA	11 1D 07	12 20 01	40	00	
EBBM	USA	0E 19 02	11 18 14	40	00	
ABSO	USA	0E 15 02	11 0B 16	42	01	
SGW		5	564	41	02	

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
HVAC	B10EB-00	Blower Power Module-	Stored
PLGM	B195F-12	Power Liftgate Chime Control-Circuit Short to Battery	Stored
HCP	P0A45-00	Drive Motor B Position Sensor 1 Circuit-	Stored
HCP	P0C1A-00	Drive Motor B Torque Delivered Performance-	Stored
HCP	P1A21-00	HV Battery Contactor Control Sequence Incorrect-	Stored

HCP	P1B04-00	Resolver Signal / MCPB Rationality-	Stored
-----	----------	-------------------------------------	--------

ENVIRONMENTAL DATA SUMMARY**HVAC | B10EB-00 | STORED | BLOWER POWER MODULE-**

NAME	VALUE	UNITS
Test Failed	False	
Confirmed DTC	True	
Test Failed This Operation Cycle	True	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
Pending DTC	False	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Frequency Counter	8	
Ignition Cycle Counter	3	
Most Recent Odometer Value	40	miles
Original Odometer Value	40	miles

PLGM | B195F-12 | STORED | POWER LIFTGATE CHIME CONTROL-CIRCUIT SHORT TO BATTERY

NAME	VALUE	UNITS
Test Failed This Operation Cycle	False	
Test Failed	False	
Test Not Completed Since Last Clear	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Test Failed Since Last Clear	True	
Occurrence flag	ERROR	
Operation Cycle Counter	29	
Most Recent Odometer Value	30	miles
Frequency Counter	1	
Original Odometer Value	30	miles

HCP | P0A45-00 | STORED | DRIVE MOTOR B POSITION SENSOR 1 CIRCUIT-

NAME	VALUE	UNITS
Test Failed This Operation Cycle	False	
DTC	0A 45 00	
Test Failed	False	
Confirmed DTC	True	
Pending DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	

Warning Indicator Requested	True	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Occurrence	
Brake Switch Status	Applied	
PHEV Charging Status	No Charging	
PRND Position Display	N	
Propulsion System Active	False	
Ignition State	Reserved	
Motor A Resolver Offset Learn Erase	not requested	
Motor A Resolver Offset Learning Status Flag	Applied	
Motor B Resolver Offset Learning Status Flag	Applied	
Motor A Resolver to Digital Low Level Driver Faults	No fault	
Motor B Resolver to Digital Low Level Driver Faults	Resolver Loss of Track	
Hybrid System State	SNA	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	On	
EPT LOC Diag Enable	Enable Limited LOC Diagnostic	
HV Contactor Status	Open	
HCP System Shutdown Command	Default	
Impact Event	False	
APM Status	Idle	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Motor B Resolver Offset Learn Erase	not requested	
Original Odometer Value	44.4	miles
Real time clock	8915738	sec
Frequency Counter	6	
Most Recent Odometer Value	44.7	miles
RAM stamps keyOn	0	sec
Accelerator Pedal Position	0	%
Ignition Cycle Counter	0	
RAM Stamps	1784	Min
Engine Speed	0	rpm
HV Battery SOC	73	%
Motor A Temp Sensor	126	°F
Vehicle Speed	0.0000	MPH
Motor B Temp Sensor	180	°F
Barometric Pressure	15	PSI
Motor A Resolver Angle Offset	0.00	Degree
Engine Coolant Temperature	153	°F
Motor B Resolver Angle Offset	6.00	Degree
Motor A Resolver Supply Voltage Value	15.75	Volts
Motor B Resolver Supply Voltage Value	15.75	Volts
Battery Feed Voltage 2 Sense	12.456	Volts

Internal EPS Voltage Sense A	3.096	Volts
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
Internal EPS Voltage Sense B	1.224	Volts
Available Motor Torque - Motor B	0.000	Ft-Lbs
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Available Regen Torque - Motor B	0.000	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Electric Motor B Speed	4.0	rpm
Electric Motor A Speed	0.5	rpm
Battery Feed Voltage 1 Sense	12.456	Volts
Motor A - Inverter Current - phase A	-4	AMP
Battery Feed Voltage 3 Sense	12.384	Volts
Motor A - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase B	-4	AMP
Motor A - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor A Resolver Angle	10	Degree
Motor B - Inverter Current - phase C	0	AMP
Outside Air Temperature	57.2	°F
Motor B Resolver Angle	Invalid Value	Degree
HV Battery Voltage from BPCM	180.00	Volts
PIM DC Link Voltage - A	5	Volts
PIM DC Link Voltage - B	5	Volts
Inverter A IGBT Temperature for phase A	102	°F
Inverter A IGBT Temperature for phase B	100	°F
Inverter A IGBT Temperature for phase C	100	°F
Inverter B IGBT Temperature for phase A	100	°F
Inverter B IGBT Temperature for phase B	100	°F
Inverter B IGBT Temperature for phase C	100	°F
Distance Travelled with Light ON	0	miles
Motor B Torque	0.000	Ft-Lbs
Motor A Torque	0.000	Ft-Lbs
Motor A Resolver Angle	10	Degree
HV Battery Sleep Time	0	Days
Motor B Resolver Angle	Invalid Value	Degree
GPS Date - Month	1	
GPS Date - Year	0	Year
UTC Time - Hours	0	Hours
GPS Date - Day	1	Days
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds

ECU Time - Milliseconds	0	ms
-------------------------	---	----

HCP | P0C1A-00 | STORED | DRIVE MOTOR B TORQUE DELIVERED PERFORMANCE-

NAME	VALUE	UNITS
DTC	0C 1A 00	
Test Failed	False	
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	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Ignition State	Reserved	
PRND Position Display	D	
Propulsion System Active	True	
Inverter B Status Feedback	Inverter Faulted	
Commanded Inverter B State	Torque Control	
Motor B Phase U Comm Error High Voltage Regulator Fault - High-Side	False	
Motor B Phase U Short Fault - High-Side	False	
Motor B Phase U Cross Conduction Fault - High-Side	False	
Motor B Phase U SPI Error Fault - High-Side	False	
Motor B Phase U Thermal Warning Fault - High-Side	False	
Motor B Phase U Thermal Shutdown Fault - High-Side	False	
Motor B Phase U Thermal Warning Fault - Low-Side	False	
Motor B Phase U Thermal Shutdown Fault - Low-Side	False	
Motor B Phase U Hardware Error Fault - High-Side	False	
Motor B Phase U Short Fault - Low-Side	False	
Motor B Phase U Cross Conduction Fault - Low-Side	False	
Motor B Phase U Over Current Fault - Low-Side	False	
Motor B Phase V Short Fault - High-Side	False	
Motor B Phase U Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor B Phase U Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor B Phase V Cross Conduction Fault - High-Side	False	
Motor B Phase U SPI Error Fault - Low-Side	False	
Motor B Phase U Hardware Error Fault - Low-Side	False	
Motor B Phase V Over Current Fault - High-Side	False	
Motor B Phase V Thermal Warning Fault - High-Side	False	
Motor B Phase V SPI Error Fault - High-Side	False	
Motor B Phase V Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor B Phase V Thermal Shutdown Fault - High-Side	False	

Motor B Phase V Comm Error High Voltage Regulator Fault - High-Side	False	
Motor B Phase V Short Fault - Low-Side	False	
Motor B Phase V Hardware Error Fault - High-Side	False	
Motor B Phase V Cross Conduction Fault - Low-Side	False	
Motor B Phase V Over Current Fault - Low-Side	False	
Motor B Phase V Thermal Warning Fault - Low-Side	False	
Motor B Phase V Thermal Shutdown Fault - Low-Side	False	
Motor B Phase V Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor B Phase V Hardware Error Fault - Low-Side	False	
Motor B Phase V SPI Error Fault - Low-Side	False	
Motor B Phase V Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor B Phase W Short Fault - High-Side	False	
Motor B Phase W Cross Conduction Fault - High-Side	False	
Motor B Phase W Over Current Fault - High-Side	False	
Motor B Phase W Thermal Warning Fault - High-Side	False	
Motor B Phase W Comm Error High Voltage Regulator Fault - High-Side	False	
Motor B Phase W Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor B Phase W SPI Error Fault - High-Side	False	
Motor B Phase W Hardware Error Fault - High-Side	False	
Motor B Phase W Short Fault - Low-Side	False	
Motor B Phase W Cross Conduction Fault - Low-Side	False	
Motor B Phase W Over Current Fault - Low-Side	False	
Motor B Phase W Thermal Warning Fault - Low-Side	False	
Motor B Phase W Thermal Shutdown Fault - Low-Side	False	
Motor B Phase W Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor B Phase W Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor B Phase W SPI Error Fault - Low-Side	False	
Motor B Phase W Hardware Error Fault - Low-Side	False	
Hybrid System State	Propulsion System Active	
CBC Wake-Up Input	On	
HCP ePT Wake-Up Output	On	
HV Contactor Status	Closed	
EPT LOC Diag Enable	Disable LOC Daignostic	
APM Status	Buck CV	
Impact Event	False	
HCP System Shutdown Command	Default	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Motor B Phase U Over Current Fault - High-Side	False	
Motor B Phase U Over Voltage Fault VH - High-Side	False	
Motor B Phase U Over Voltage Fault VL - High-Side	False	
Motor B Phase U Under Voltage Fault VH - High-Side	False	
Motor B Phase U Under Voltage Fault VL - High-Side	False	
Motor B Phase U Under Voltage Fault VDD - High-Side	False	

Motor B Phase U Over Voltage Fault VDD - High-Side	False	
Motor B Phase U Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor B Phase U Over Voltage Fault VH - Low-Side	False	
Motor B Phase U Under Voltage Fault VH - Low-Side	False	
Motor B Phase U Over Voltage Fault VDD - Low-Side	False	
Motor B Phase U Over Voltage Fault VL - Low-Side	False	
Motor B Phase U Under Voltage Fault VL - Low-Side	False	
Motor B Phase U Under Voltage Fault VDD - Low-Side	False	
Motor B Phase V Over Voltage Fault VH - High-Side	False	
Motor B Phase V Under Voltage Fault VH - High-Side	False	
Motor B Phase V Over Voltage Fault VL - High-Side	False	
Motor B Phase V Under Voltage Fault VDD - High-Side	False	
Motor B Phase V Over Voltage Fault VH - Low-Side	False	
Motor B Phase V Under Voltage Fault VL - High-Side	False	
Motor B Phase V Under Voltage Fault VH - Low-Side	False	
Motor B Phase V Over Voltage Fault VL - Low-Side	False	
Motor B Phase V Over Voltage Fault VDD - Low-Side	False	
Motor B Phase W Over Voltage Fault VH - High-Side	False	
Motor B Phase V Over Voltage Fault VDD - High-Side	False	
Motor B Phase W Under Voltage Fault VH - High-Side	False	
Motor B Phase W Over Voltage Fault VL - High-Side	False	
Motor B Phase V Under Voltage Fault VDD - Low-Side	False	
Motor B Phase W Under Voltage Fault VL - High-Side	False	
Motor B Phase V Under Voltage Fault VL - Low-Side	False	
Motor B Phase W Under Voltage Fault VDD - High-Side	False	
Motor B Phase W Thermal Shutdown Fault - High-Side	False	
Motor B Phase W Over Voltage Fault VH - Low-Side	False	
Motor B Phase W Under Voltage Fault VDD - Low-Side	False	
Motor B Phase W Under Voltage Fault VH - Low-Side	False	
Motor B Phase W Over Voltage Fault VL - Low-Side	False	
Motor B Phase W Under Voltage Fault VL - Low-Side	False	
Motor B Phase W Over Voltage Fault VDD - Low-Side	False	
Motor B Phase W Over Voltage Fault VDD - High-Side	False	
Original Odometer Value	44.4	miles
Most Recent Odometer Value	44.7	miles
Ignition Cycle Counter	0	
Real time clock	8915734	sec
RAM stamps keyOn	0	sec
HV Battery SOC	73	%
RAM Stamps	1784	Min
Engine Speed	0	rpm
Barometric Pressure	15	PSI
Vehicle Speed	0.0000	MPH
Engine Coolant Temperature	153	°F

Frequency Counter	7	
Actual Torque - Motor B	2.397	Ft-Lbs
Accelerator Pedal Position	0	%
Inverter B Input DC Current	0.0	AMP
Available Motor Torque - Motor B	25.350	Ft-Lbs
Motor B - Inverter Current - phase A	-4	AMP
Electric Motor B Speed	12.0	rpm
Motor B - Inverter Current - phase B	0	AMP
Motor B Resolver Supply Voltage Value	15.75	Volts
Motor B - Inverter Current - phase C	0	AMP
Battery Feed Voltage 2 Sense	14.616	Volts
Internal EPS Voltage Sense A	7.848	Volts
Internal EPS Voltage Sense B	8.064	Volts
Battery Feed Voltage 1 Sense	14.616	Volts
Battery Feed Voltage 3 Sense	14.472	Volts
Actual Torque - Motor A	-0.092	Ft-Lbs
Available Motor Torque - Motor A	87.205	Ft-Lbs
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor B	-13.643	Ft-Lbs
Commanded Torque - Motor B	25.811	Ft-Lbs
Motor A - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase B	8	AMP
Motor A Resolver Angle	214	Degree
Motor B Resolver Angle	44	Degree
Motor A - Inverter Current - phase C	-8	AMP
Outside Air Temperature	57.2	°F
Motor B Temp Sensor	77	°F
Inverter A IGBT Temperature for phase A	32	°F
Motor A Temp Sensor	77	°F
HV Battery Voltage from BPCM	369.10	Volts
PIM DC Link Voltage - A	369	Volts
Electric Motor A Speed	0.0	rpm
PIM DC Link Voltage - B	369	Volts
Inverter A IGBT Temperature for phase B	32	°F
Inverter B IGBT Temperature for phase C	32	°F
Inverter A IGBT Temperature for phase C	32	°F
Inverter B IGBT Temperature for phase A	32	°F
Inverter B IGBT Temperature for phase B	32	°F
Distance Travelled with Light ON	0	miles
Motor A Torque	-0.092	Ft-Lbs
Motor B Torque	2.397	Ft-Lbs
HV Battery Sleep Time	0	Days
GPS Date - Year	0	Year

Motor B Resolver Angle	44	Degree
Motor B Temp Sensor	77	°F
GPS Date - Month	1	
UTC Time - Minutes	0	
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

HCP | P1A21-00 | STORED | HV BATTERY CONTACTOR CONTROL SEQUENCE INCORRECT-

NAME	VALUE	UNITS
DTC	1A 21 00	
Pending DTC	False	
Confirmed DTC	True	
Test Failed	False	
Test Not Completed This Operation Cycle	True	
Test Failed This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Occurrence flag	Occurrence	
Warning Indicator Requested	False	
Ignition State	Ignition Off/ACC	
Brake Switch Status	Not Applied	
Propulsion System Active	False	
PRND Position Display	P	
CBC Wake-Up Input	On	
HCP ePT Wake-Up Output	On	
HCP System Shutdown Command	Default	
HCP SW Version	1807A	
EPT LOC Diag Enable	Enable LOC Diagnostic	
SW Build Release Version	PIMC19A1807p0_1807A_RU_H	
HV Contactor Status	Open	
Impact Event	False	
APM Status	Idle	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Hybrid System State	Determine Hybrid System State	
PHEV Charging Status	No Charging	
Ignition Cycle Counter	0	
Engine Speed	0	rpm
HV Battery SOC	73	%
Accelerator Pedal Position	0	%
Frequency Counter	1	
Most Recent Odometer Value	44.7	miles

Motor B Temp Sensor	174	°F
Motor A Temp Sensor	127	°F
RAM stamps keyOn	165	sec
Real time clock	8915262	sec
Vehicle Speed	0.0000	MPH
Engine Coolant Temperature	154	°F
RAM Stamps	1779	Min
Motor A Torque	0.000	Ft-Lbs
Internal EPS Voltage Sense B	8.064	Volts
Motor B Torque	0.000	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Internal EPS Voltage Sense A	7.848	Volts
Actual Torque - Motor B	0.000	Ft-Lbs
Original Odometer Value	44.7	miles
Available Motor Torque - Motor B	0.000	Ft-Lbs
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Available Regen Torque - Motor B	0.000	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor A - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase A	0	AMP
Motor A - Inverter Current - phase C	-4	AMP
Barometric Pressure	15	PSI
Electric Motor B Speed	0.0	rpm
Motor B - Inverter Current - phase B	0	AMP
Available Motor Torque - Motor A	87.205	Ft-Lbs
Motor A Resolver Angle	224	Degree
PIM DC Link Voltage - A	368	Volts
Motor B - Inverter Current - phase C	0	AMP
Motor B Resolver Angle	Invalid Value	Degree
Electric Motor A Speed	0.5	rpm
PIM DC Link Voltage - B	368	Volts
HV Battery Sleep Time	0	Days
HV Battery Voltage from BPCM	368.10	Volts
Outside Air Temperature	57.2	°F
Battery Feed Voltage 3 Sense	12.312	Volts
Battery Feed Voltage 2 Sense	12.384	Volts
Inverter A IGBT Temperature for phase A	100	°F
Inverter A IGBT Temperature for phase C	100	°F
Inverter A IGBT Temperature for phase B	100	°F
Inverter B IGBT Temperature for phase C	100	°F
Battery Feed Voltage 1 Sense	12.384	Volts
Distance Travelled with Light ON	0	miles

Inverter B IGBT Temperature for phase A	100	°F
Inverter B IGBT Temperature for phase B	100	°F
GPS Date - Year	0	Year
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
GPS Date - Month	1	
ECU Time - Milliseconds	0	ms
UTC Time - Seconds	0	seconds

HCP | P1B04-00 | STORED | RESOLVER SIGNAL / MCPB RATIONALITY-

NAME	VALUE	UNITS
Test Failed This Operation Cycle	False	
DTC	1B 04 00	
Test Failed	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Test Failed Since Last Clear	True	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Ignition State	Reserved	
PHEV Charging Status	No Charging	
PRND Position Display	N	
Propulsion System Active	False	
Brake Switch Status	Applied	
Motor A Resolver Offset Learn Erase	not requested	
Motor A Resolver Offset Learning Status Flag	Applied	
Motor B Resolver Offset Learning Status Flag	Applied	
Motor A Resolver to Digital Low Level Driver Faults	No fault	
Motor B Resolver to Digital Low Level Driver Faults	Resolver Loss of Track	
Hybrid System State	SNA	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
HV Contactor Status	Open	
EPT LOC Diag Enable	Enable LOC Diagnostic	
APM Status	Idle	
Impact Event	False	
HCP System Shutdown Command	Default	
J1772 Prox Detected State	Prox Out	
OBCM Operating Mode	UTC	
Motor B Resolver Offset Learn Erase	not requested	
Original Odometer Value	44.4	miles

Frequency Counter	3	
Most Recent Odometer Value	44.7	miles
Real time clock	8915740	sec
Ignition Cycle Counter	0	
RAM Stamps	1784	Min
RAM stamps keyOn	15	sec
HV Battery SOC	73	%
Accelerator Pedal Position	0	%
Engine Speed	0	rpm
Motor A Temp Sensor	126	°F
Barometric Pressure	15	PSI
Engine Coolant Temperature	153	°F
Motor B Temp Sensor	178	°F
Vehicle Speed	0.0000	MPH
Motor A Resolver Angle Offset	0.00	Degree
Motor B Resolver Angle Offset	6.00	Degree
Motor A Resolver Supply Voltage Value	15.75	Volts
Motor B Resolver Supply Voltage Value	15.75	Volts
Battery Feed Voltage 2 Sense	12.384	Volts
Internal EPS Voltage Sense A	1.152	Volts
Internal EPS Voltage Sense B	0.072	Volts
Actual Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor B	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Available Regen Torque - Motor B	0.000	Ft-Lbs
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Available Motor Torque - Motor A	87.205	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Electric Motor B Speed	3.0	rpm
Electric Motor A Speed	0.0	rpm
Battery Feed Voltage 1 Sense	12.384	Volts
Battery Feed Voltage 3 Sense	12.312	Volts
Motor A - Inverter Current - phase B	-4	AMP
Motor A - Inverter Current - phase A	0	AMP
Motor A - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase A	0	AMP
Motor B - Inverter Current - phase C	-4	AMP
Motor B Resolver Angle	Invalid Value	Degree
Outside Air Temperature	57.2	°F
Motor A Resolver Angle	10	Degree
HV Battery Voltage from BPCM	180.00	Volts
PIM DC Link Voltage - A	5	Volts

PIM DC Link Voltage - B	5	Volts
Inverter A IGBT Temperature for phase A	100	°F
Inverter A IGBT Temperature for phase B	100	°F
Inverter A IGBT Temperature for phase C	100	°F
Inverter B IGBT Temperature for phase C	100	°F
Inverter B IGBT Temperature for phase A	100	°F
Inverter B IGBT Temperature for phase B	100	°F
Distance Travelled with Light ON	0	miles
HV Battery Sleep Time	0	Days
Motor B Torque	0.000	Ft-Lbs
Motor A Torque	0.000	Ft-Lbs
Motor A Resolver Angle	10	Degree
Motor B Resolver Angle	Invalid Value	Degree
GPS Date - Month	1	
GPS Date - Year	0	Year
UTC Time - Hours	0	Hours
GPS Date - Day	1	Days
UTC Time - Seconds	0	seconds
UTC Time - Minutes	0	
ECU Time - Milliseconds	0	ms

SNAPSHOT DATA SUMMARY