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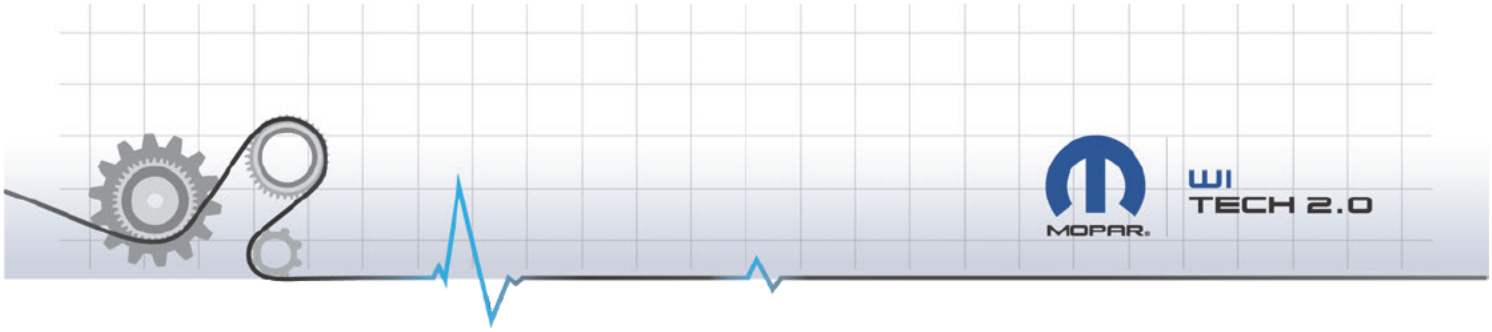
07595000 Z8292 1C6RREBT9K 2019-03-07 T9953WD
08564000 68381 2C4RC1N77K 2020-02-03 T8177J1



VEHICLE SCAN REPORT

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

Odometer 11917.0 miles
Publication Date Jan 23, 2020, 8:00:59 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT [redacted]	ORIGINAL V [redacted]	PART #
PCM	Powertrain Control Module	CAN-C	68416680AD	2C4RC1N	2C4RC1N7	68416680AD
ICS	Integrated Center Stack	CAN-I	6EV321X8AB	2C4RC1N	2C4RC1N7	6EV321X8AB
RFH	Radio Frequency Hub	CAN-C	68383680AB	2C4RC1N	2C4RC1N7	68383680AB
ESM	Electronic Shifter	CAN-C	68240089AL	2C4RC1N	2C4RC1N7	68240089AL
ORC	Occupant Restraint	CAN-C	68405567AB	2C4RC1N	2C4RC1N7	68405567AB
EPS	Electric Power Steering	CAN-C	68416741AA	2C4RC1N	2C4RC1N7	68416741AA
HVAC	Heat, Ventilation and A/C	CAN-I	68406613AA	2C4RC1N	2C4RC1N7	68406613AA
DDM	Driver Door Module	CAN-I	68316559AD	2C4RC1N	2C4RC1N7	68316559AD
PDM	Passenger Door Module	CAN-I	68316558AD	2C4RC1N	2C4RC1N7	68316558AD
DMRL	Door Module Rear Left	CAN-I	68225096AG	2C4RC1N	2C4RC1N7	68225096AG
DMRR	Door Module Rear Right	CAN-I	68225096AG	2C4RC1N	2C4RC1N7	68225096AG
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AB	2C4RC1N	2C4RC1N7	68369596AB
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AB	2C4RC1N	2C4RC1N7	68369596AB
MSM	Memory Seat Module	CAN-I	68321862AC	2C4RC1N	2C4RC1N7	68321862AC
PLGM	Power Liftgate	CAN-I	68316094AF	2C4RC1N	2C4RC1N7	68316094AF
AMP	Amplifier	CAN-I	68440634AA	2C4RC1N	2C4RC1N7	68440634AA
IPC	Instrument Panel Cluster	CAN-C	68405292AC	2C4RC1N	2C4RC1N7	68405292AC
PTS	Parktronics	CAN-C	68193775AJ	2C4RC1N	2C4RC1N7	68193775AJ
SCCM	Steering Column Control Module	CAN-C	68360889AB	2C4RC1N	2C4RC1N7	68360889AB
BCM	Body Controller	CAN-C	68402177AB	2C4RC1N	2C4RC1N7	68402177AB
ACC	Adaptive Cruise Control	CAN-C	04672758AA	2C4RC1N	2C4RC1N7	04672758AA
HSM	Heated Seat Module	CAN-I	68421106AA	2C4RC1N	2C4RC1N7	68421106AA

RADIO	Radio	CAN-I	68401447AB	2C4RC1	[redacted]	2C4RC1N	68401447AB
OCM	Occupant Classification	CAN-C	68403127AA	2C4RC1N		2C4RC1N	68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB	2C4RC1N		2C4RC1N	68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB	2C4RC1N		2C4RC1N	04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB	2C4RC1N		2C4RC1N	04672786AB
FFCM	Forward Facing Camera Module	CAN-C	04672776AA	2C4RC1N		2C4RC1N	04672776AA
EDM	External Disc Module	CAN-I	68378304AA	2C4RC1N		2C4RC1N	68378304AA
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1N		2C4RC1N	05185046AB
BPCM	Battery Pack Control Module	CAN-C	68429967AD	2C4RC1N		2C4RC1N	68429967AD
HCP	Hybrid Control Processor	CAN-C	05190240AM	2C4RC1N		2C4RC1N	05190240AM
OBCM	On Board Charging Module	CAN-C	05185047AD	2C4RC1N		2C4RC1N	05185047AD
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC	2C4RC1N		2C4RC1N	68321862AC
DSM	Display Screen Module	CAN-I	68316174AB	2C4RC1N		2C4RC1N	68316174AB
VRM	Video Routing Module	CAN-I					
RCCC	Rear Cabin Comfort Controls	CAN-I	68395990AA	2C4RC1N		2C4RC1N	68395990AA
CVPM	Central vision processing module	CAN-I	68375113AA	2C4RC1N		2C4RC1N	68375113AA
EAC	Electric A/C Compressor	CAN-C	68237995AG	2C4RC1N		2C4RC1N	68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05190241AM	2C4RC1N		2C4RC1N	05190241AM
EBBM	Electronic Brake Booster Module	CAN-C	68240033AJ	2C4RC1N		2C4RC1N	68240033AJ
ABSO	Anti Lock Brakes OBD	CAN-C	68352786AA	2C4RC1N		2C4RC1N	68352786AA
SGW	Security Gateway Module	CAN-C	68420261AA			2C4RC1N	68420261AA

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	VARIANT	VERSION	ISO CODE	CVNS
PCM	USA	1B 47	91 04 01	44	59		6A4A921C
ICS	USA	0F 0C 00	11 16 00	47	00		
RFH	USA / USA	10 17 00	12 08 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	11 1E 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		FEDBFE12
HCP	USA	11 1D 07	12 20 01	40	04		6C36848E 5412B2DD 31B4913E
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						un av ai la bl e	
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		BBFD096B
ABSO	USA	0E 15 02	11 0B 16	42	01		A1B31723
SGW		5	564	41	02		

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
ACC	C2227-00	ABS Disabled ECU-	Stored
HCP	P0A3F-00	Drive Motor A Position Sensor 1 Circuit-	Stored
HCP	P0A43-00	Drive Motor "A" Position Sensor Circuit Intermittent-	Active

HCP	P0C19-00	Drive Motor A Torque Delivered Performance-	Stored
HCP	P1B0F-00	Drive Motor A Position Sensor Offset Incorrect-	Pending
CVPM	U0266-00	Lost Communication with Left Camera-	Active
CVPM	B23C6-92	Left Camera-Performance or Incorrect Operation	Active

ENVIRONMENTAL DATA SUMMARY

ACC | C2227-00 | STORED | ABS DISABLED ECU-

NAME	VALUE	UNITS
Test Failed	False	
Confirmed DTC	True	
Warning Indicator Requested	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Occurrence flag	ERROR	
PRNDL Status	P range	
Frequency Counter	1	
Engine RPM	0	rpm
Vehicle Speed	0	MPH
Operation Cycle Counter	2	
Original Odometer Value	11910	miles
Object of Interest Distance	830	FEET
Most Recent Odometer Value	11910	miles
System Voltage	11.8	Volts
Engine Torque Request	SNA	Ft-Lbs
ACC Set Speed	0	MPH
Ignition Voltage	11.8	

HCP | P0A3F-00 | STORED | DRIVE MOTOR A POSITION SENSOR 1 CIRCUIT-

NAME	VALUE	UNITS
DTC	0A 3F 00	
Test Failed	False	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Failed Since Last Clear	True	
Test Not Completed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Occurrence	
Warning Indicator Requested	True	
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	

PRND Position Display	P	
Ignition State	Reserved	
Propulsion System Active	False	
Motor A Resolver Offset Learning Status Flag	Applied	
Motor A Resolver Offset Learn Erase	not requested	
Motor B Resolver Offset Learning Status Flag	Applied	
Motor A Resolver to Digital Low Level Driver Faults	Resolver Loss of Signal	
Motor B Resolver to Digital Low Level Driver Faults	No fault	
Hybrid System State	SNA	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Open	
APM Status	Idle	
Impact Event	False	
HCP System Shutdown Command	Default	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Motor B Resolver Offset Learn Erase	not requested	
Original Odometer Value	11917.0	miles
Most Recent Odometer Value	11917.0	miles
Frequency Counter	1	
Real time clock	39061576	sec
RAM stamps keyOn	1740	sec
Ignition Cycle Counter	0	
RAM Stamps	154745	Min
Accelerator Pedal Position	0	%
Engine Speed	0	rpm
HV Battery SOC	55	%
Vehicle Speed	0.0000	MPH
Motor B Temp Sensor	50	°F
Barometric Pressure	15	PSI
Motor A Temp Sensor	52	°F
Motor A Resolver Angle Offset	-9.60	Degree
Engine Coolant Temperature	48	°F
Motor B Resolver Angle Offset	3.60	Degree
Motor A Resolver Supply Voltage Value	15.75	Volts
Motor B Resolver Supply Voltage Value	15.75	Volts
Internal EPS Voltage Sense A	0.000	Volts
Actual Torque - Motor A	0.000	Ft-Lbs
Battery Feed Voltage 2 Sense	11.952	Volts
Internal EPS Voltage Sense B	0.000	Volts
Available Motor Torque - Motor A	1.014	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs

Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Available Regen Torque - Motor A	-1.014	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Electric Motor B Speed	0.0	rpm
Electric Motor A Speed	2.5	rpm
Motor A - Inverter Current - phase A	0	AMP
Battery Feed Voltage 1 Sense	11.952	Volts
Battery Feed Voltage 3 Sense	12.024	Volts
Motor A - Inverter Current - phase B	0	AMP
Motor A - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor B Resolver Angle	248	Degree
Motor A Resolver Angle	Invalid Value	Degree
Outside Air Temperature	50.0	°F
HV Battery Voltage from BPCM	180.00	Volts
PIM DC Link Voltage - A	5	Volts
Inverter A IGBT Temperature for phase B	59	°F
Inverter A IGBT Temperature for phase C	59	°F
PIM DC Link Voltage - B	6	Volts
Inverter A IGBT Temperature for phase A	57	°F
Inverter B IGBT Temperature for phase A	59	°F
Inverter B IGBT Temperature for phase B	59	°F
Inverter B IGBT Temperature for phase C	57	°F
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
Distance Travelled with Light ON	50	miles
HV Battery Sleep Time	0	Days
Motor A Resolver Angle	Invalid Value	Degree
GPS Date - Year	0	Year
Motor B Resolver Angle	248	Degree
GPS Date - Month	1	
UTC Time - Hours	0	Hours
GPS Date - Day	1	Days
UTC Time - Minutes	0	
ECU Time - Milliseconds	0	ms
UTC Time - Seconds	0	seconds

HCP | P0A43-00 | ACTIVE | DRIVE MOTOR "A" POSITION SENSOR CIRCUIT INTERMITTENT-

NAME	VALUE	UNITS
DTC	0A 43 00	

Test Failed This Operation Cycle	True	
Test Failed	True	
Confirmed DTC	True	
Test Failed Since Last Clear	True	
Warning Indicator Requested	True	
Pending DTC	True	
Test Not Completed This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
Occurrence flag	Occurrence	
Brake Switch Status	Applied	
PHEV Charging Status	No Charging	
Ignition State	Ignition Off/ACC	
PRND Position Display	P	
Propulsion System Active	False	
Motor A Resolver Offset Learn Erase	not requested	
Motor B Resolver Offset Learning Status Flag	Applied	
Motor A Resolver Offset Learning Status Flag	Applied	
Motor A Resolver to Digital Low Level Driver Faults	Resolver Degradation of Signal	
Motor B Resolver to Digital Low Level Driver Faults	No fault	
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	
APM Status	Idle	
HCP System Shutdown Command	Default	
Impact Event	False	
J1772 Prox Detected State	Prox Out	
OBCM Operating Mode	UTC	
Motor B Resolver Offset Learn Erase	not requested	
Original Odometer Value	11917.0	miles
Frequency Counter	1	
Most Recent Odometer Value	11917.0	miles
Ignition Cycle Counter	0	
RAM stamps keyOn	0	sec
Accelerator Pedal Position	0	%
Real time clock	39061624	sec
RAM Stamps	154746	Min
HV Battery SOC	55	%
Engine Speed	0	rpm
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	52	°F
Barometric Pressure	15	PSI
Motor B Temp Sensor	50	°F

Engine Coolant Temperature	48	°F
Motor A Resolver Angle Offset	-9.60	Degree
Motor B Resolver Angle Offset	3.60	Degree
Motor A Resolver Supply Voltage Value	15.75	Volts
Motor B Resolver Supply Voltage Value	15.75	Volts
Battery Feed Voltage 2 Sense	11.880	Volts
Internal EPS Voltage Sense B	7.992	Volts
Actual Torque - Motor B	0.000	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor A	0.000	Ft-Lbs
Internal EPS Voltage Sense A	8.064	Volts
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Electric Motor A Speed	3.0	rpm
Commanded Torque - Motor A	0.000	Ft-Lbs
Electric Motor B Speed	0.0	rpm
Commanded Torque - Motor B	0.000	Ft-Lbs
Battery Feed Voltage 1 Sense	11.808	Volts
Battery Feed Voltage 3 Sense	11.880	Volts
Motor A - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase C	-4	AMP
Motor A - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase A	0	AMP
Motor B - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase C	0	AMP
Motor A Resolver Angle	Invalid Value	Degree
Motor B Resolver Angle	226	Degree
Outside Air Temperature	50.0	°F
HV Battery Voltage from BPCM	180.00	Volts
PIM DC Link Voltage - A	15	Volts
Inverter A IGBT Temperature for phase A	70	°F
Inverter A IGBT Temperature for phase B	68	°F
PIM DC Link Voltage - B	16	Volts
Inverter A IGBT Temperature for phase C	66	°F
Inverter B IGBT Temperature for phase A	63	°F
Inverter B IGBT Temperature for phase C	61	°F
Distance Travelled with Light ON	0	miles
Inverter B IGBT Temperature for phase B	61	°F
HV Battery Sleep Time	0	Days
Motor A Resolver Angle	Invalid Value	Degree
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
Motor B Resolver Angle	226	Degree

GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
ECU Time - Milliseconds	0	ms
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds

HCP | P0C19-00 | STORED | DRIVE MOTOR A TORQUE DELIVERED PERFORMANCE-

NAME	VALUE	UNITS
DTC	0C 19 00	
Test Failed	False	
Test Failed This Operation Cycle	True	
Test Failed Since Last Clear	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Pending DTC	True	
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Propulsion System Active	False	
Ignition State	Reserved	
PRND Position Display	P	
Motor A Phase U Cross Conduction Fault - High-Side	False	
Motor A Phase U Short Fault - High-Side	False	
Motor A Phase U Thermal Warning Fault - High-Side	False	
Motor A Phase U Over Current Fault - High-Side	False	
Motor A Phase U Thermal Shutdown Fault - High-Side	False	
Motor A Phase U Comm Error High Voltage Regulator Fault - High-Side	False	
Motor A Phase U Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor A Phase U SPI Error Fault - High-Side	False	
Motor A Phase U Hardware Error Fault - High-Side	False	
Motor A Phase U Short Fault - Low-Side	False	
Motor A Phase U Cross Conduction Fault - Low-Side	False	
Motor A Phase U Over Current Fault - Low-Side	False	
Motor A Phase V Short Fault - High-Side	False	
Motor A Phase U Thermal Warning Fault - Low-Side	False	
Motor A Phase U Thermal Shutdown Fault - Low-Side	False	
Motor A Phase U SPI Error Fault - Low-Side	False	
Motor A Phase U Hardware Error Fault - Low-Side	False	
Motor A Phase V Over Current Fault - High-Side	False	
Motor A Phase V Cross Conduction Fault - High-Side	False	

Motor A Phase V Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor A Phase V Thermal Warning Fault - High-Side	False	
Motor A Phase V Thermal Shutdown Fault - High-Side	False	
Motor A Phase V Comm Error High Voltage Regulator Fault - High-Side	False	
Motor A Phase V SPI Error Fault - High-Side	False	
Motor A Phase V Hardware Error Fault - High-Side	False	
Motor A Phase V Short Fault - Low-Side	False	
Motor A Phase V Cross Conduction Fault - Low-Side	False	
Motor A Phase V Over Current Fault - Low-Side	False	
Motor A Phase V Thermal Warning Fault - Low-Side	False	
Motor A Phase V Thermal Shutdown Fault - Low-Side	False	
Motor A Phase V SPI Error Fault - Low-Side	False	
Motor A Phase V Hardware Error Fault - Low-Side	False	
Motor A Phase W Short Fault - High-Side	False	
Motor A Phase W Over Current Fault - High-Side	False	
Motor A Phase W Thermal Warning Fault - High-Side	False	
Motor A Phase W Thermal Shutdown Fault - High-Side	False	
Motor A Phase W Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor A Phase W SPI Error Fault - High-Side	False	
Motor A Phase W Hardware Error Fault - High-Side	False	
Motor A Phase W Short Fault - Low-Side	False	
Motor A Phase W Cross Conduction Fault - Low-Side	False	
Motor A Phase W Over Current Fault - Low-Side	False	
Motor A Phase W Thermal Warning Fault - Low-Side	False	
Motor A Phase W Thermal Shutdown Fault - Low-Side	False	
Motor A Phase W Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor A Phase W SPI Error Fault - Low-Side	False	
Motor A Phase W Hardware Error Fault - Low-Side	False	
Hybrid System State	SNA	
HV Contactor Status	Open	
Inverter B Status Feedback	Normal OFF	
CBC Wake-Up Input	Off	
HCP ePT Wake-Up Output	On	
EPT LOC Diag Enable	Enable LOC Diagnostic	
APM Status	Idle	
Impact Event	False	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
HCP System Shutdown Command	Default	
Motor A Phase U Over Voltage Fault VH - High-Side	False	
Motor A Phase U Under Voltage Fault VH - High-Side	False	
Inverter Status Feedback	Inverter Faulted	
Commanded Inverter A State	Inverter Disabled	
Motor A Phase U Under Voltage Fault VL - High-Side	False	

Motor A Phase U Over Voltage Fault VH - Low-Side	False	
Motor A Phase U Under Voltage Fault VH - Low-Side	False	
Motor A Phase U Over Voltage Fault VL - High-Side	False	
Motor A Phase U Over Voltage Fault VL - Low-Side	False	
Motor A Phase U Over Voltage Fault VDD - High-Side	False	
Motor A Phase U Under Voltage Fault VDD - High-Side	False	
Motor A Phase U Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor A Phase U Under Voltage Fault VDD - Low-Side	False	
Motor A Phase U Under Voltage Fault VL - Low-Side	False	
Motor A Phase U Over Voltage Fault VDD - Low-Side	False	
Motor A Phase V Over Voltage Fault VH - High-Side	False	
Motor A Phase U Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor A Phase V Under Voltage Fault VDD - High-Side	False	
Motor A Phase V Over Voltage Fault VL - High-Side	False	
Motor A Phase V Under Voltage Fault VL - High-Side	False	
Motor A Phase V Under Voltage Fault VH - High-Side	False	
Motor A Phase V Under Voltage Fault VL - Low-Side	False	
Motor A Phase V Over Voltage Fault VDD - High-SideSide	False	
Motor A Phase V Under Voltage Fault VDD - Low-Side	False	
Motor A Phase V Over Voltage Fault VH - Low-Side	False	
Motor A Phase V Under Voltage Fault VH - Low-Side	False	
Motor A Phase V Over Voltage Fault VL - Low-Side	False	
Motor A Phase W Over Voltage Fault VH - High-Side	False	
Motor A Phase V Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor A Phase V Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor A Phase V Over Voltage Fault VDD - Low-Side	False	
Motor A Phase W Over Voltage Fault VL - High-Side	False	
Motor A Phase W Cross Conduction Fault - High-Side	False	
Motor A Phase W Under Voltage Fault VL - High-Side	False	
Motor A Phase W Under Voltage Fault VH - High-Side	False	
Motor A Phase W Comm Error High Voltage Regulator Fault - High-Side	False	
Motor A Phase W Over Voltage Fault VDD - High-Side	False	
Motor A Phase W Under Voltage Fault VDD - High-Side	False	
Motor A Phase W Over Voltage Fault VH - Low-Side	False	
Motor A Phase W Under Voltage Fault VH - Low-Side	False	
Motor A Phase W Over Voltage Fault VL - Low-Side	False	
Motor A Phase W Under Voltage Fault VDD - Low-Side	False	
Motor A Phase W Under Voltage Fault VL - Low-Side	False	
Motor A Phase W Over Voltage Fault VDD - Low-Side	False	
Inverter A Status Feedback	Inverter Faulted	
Motor A Phase W Comm Error High Voltage Regulator Fault - Low-Side	False	
Original Odometer Value	11917.0	miles
RAM stamps keyOn	1740	sec
Most Recent Odometer Value	11917.0	miles

Frequency Counter	1	
Real time clock	39061576	sec
Ignition Cycle Counter	0	
Engine Speed	0	rpm
RAM Stamps	154745	Min
Accelerator Pedal Position	0	%
Barometric Pressure	15	PSI
Vehicle Speed	0.0000	MPH
HV Battery SOC	55	%
Electric Motor A Speed	2.5	rpm
Engine Coolant Temperature	48	°F
Actual Torque - Motor A	0.000	Ft-Lbs
Motor A - Inverter Current - phase A	-4	AMP
Available Motor Torque - Motor A	1.936	Ft-Lbs
Inverter A Input DC Current	0.0	AMP
Battery Feed Voltage 3 Sense	12.024	Volts
Motor A - Inverter Current - phase B	0	AMP
Motor A - Inverter Current - phase C	0	AMP
Motor A Resolver Supply Voltage Value	15.75	Volts
Battery Feed Voltage 2 Sense	11.952	Volts
PIM DC Link Voltage - B	6	Volts
Low Temp Active Pump Speed	0	rpm
Internal EPS Voltage Sense B	0.000	Volts
PIM DC Link Voltage - A	5	Volts
Internal EPS Voltage Sense A	0.000	Volts
Battery Feed Voltage 1 Sense	11.952	Volts
Outside Air Temperature	50.0	°F
Available Motor Torque - Motor B	232.301	Ft-Lbs
High Temp Aux Pump - Actual Speed	0	rpm
Available Regen Torque - Motor A	-1.936	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Motor B - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase A	-4	AMP
Commanded Torque - Motor A	0.000	Ft-Lbs
Passive Pump Coolant Temp In Sensor	50	°F
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor B - Inverter Current - phase B	-4	AMP
Motor A Temp Sensor	52	°F
Electric Motor B Speed	0.0	rpm
HV Battery Voltage from BPCM	180.00	Volts
Motor B Temp Sensor	50	°F
Motor A Resolver Angle	Invalid Value	Degree
Motor B Resolver Angle	248	Degree

Inverter A IGBT Temperature for phase A	57	°F
Inverter A IGBT Temperature for phase C	59	°F
Inverter B IGBT Temperature for phase A	59	°F
Inverter A IGBT Temperature for phase B	59	°F
HV Battery Sleep Time	0	Days
Inverter B IGBT Temperature for phase B	59	°F
Inverter B IGBT Temperature for phase C	59	°F
Distance Travelled with Light ON	50	miles
Motor A Temp Sensor	52	°F
Motor A Torque	0.000	Ft-Lbs
Motor A Resolver Angle	Invalid Value	Degree
Motor B Torque	0.000	Ft-Lbs
GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days
ECU Time - Milliseconds	0	ms
UTC Time - Seconds	0	seconds
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	

HCP | P1B0F-00 | PENDING | DRIVE MOTOR A POSITION SENSOR OFFSET INCORRECT-

NAME	VALUE	UNITS
DTC	1B 0F 00	
Test Failed	False	
Test Failed This Operation Cycle	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Pending DTC	True	
Warning Indicator Requested	False	
Confirmed DTC	False	
Occurrence flag		
Brake Switch Status		
PHEV Charging Status		
Ignition State		
PRND Position Display		
Propulsion System Active		
Motor A Resolver Offset Learn Erase		
Motor B Resolver Offset Learning Status Flag		
Motor A Resolver Offset Learning Status Flag		
Motor A Resolver to Digital Low Level Driver Faults		
Motor B Resolver to Digital Low Level Driver Faults		
Hybrid System State		
HCP ePT Wake-Up Output		

CBC Wake-Up Input		
EPT LOC Diag Enable		
HV Contactor Status		
APM Status		
Impact Event		
HCP System Shutdown Command		
J1772 Prox Detected State		
OBCM Operating Mode		
Motor B Resolver Offset Learn Erase		
Original Odometer Value		miles
Frequency Counter		
Ignition Cycle Counter		
Most Recent Odometer Value		miles
Real time clock		sec
RAM Stamps		Min
Accelerator Pedal Position		%
RAM stamps keyOn		sec
Engine Speed		rpm
HV Battery SOC		%
Vehicle Speed		MPH
Motor A Temp Sensor		°F
Barometric Pressure		PSI
Motor B Temp Sensor		°F
Engine Coolant Temperature		°F
Motor B Resolver Angle Offset		Degree
Motor A Resolver Angle Offset		Degree
Internal EPS Voltage Sense A		Volts
Motor A Resolver Supply Voltage Value		Volts
Motor B Resolver Supply Voltage Value		Volts
Battery Feed Voltage 2 Sense		Volts
Actual Torque - Motor A		Ft-Lbs
Internal EPS Voltage Sense B		Volts
Actual Torque - Motor B		Ft-Lbs
Available Regen Torque - Motor B		Ft-Lbs
Available Motor Torque - Motor A		Ft-Lbs
Available Regen Torque - Motor A		Ft-Lbs
Available Motor Torque - Motor B		Ft-Lbs
Commanded Torque - Motor B		Ft-Lbs
Commanded Torque - Motor A		Ft-Lbs
Electric Motor A Speed		rpm
Electric Motor B Speed		rpm
Battery Feed Voltage 1 Sense		Volts
Motor A - Inverter Current - phase A		AMP
Battery Feed Voltage 3 Sense		Volts

Motor A - Inverter Current - phase B		AMP
Motor A - Inverter Current - phase C		AMP
Motor B - Inverter Current - phase A		AMP
Motor A Resolver Angle		Degree
Motor B - Inverter Current - phase B		AMP
Motor B - Inverter Current - phase C		AMP
Outside Air Temperature		°F
Motor B Resolver Angle		Degree
HV Battery Voltage from BPCM		Volts
PIM DC Link Voltage - A		Volts
PIM DC Link Voltage - B		Volts
Inverter A IGBT Temperature for phase A		°F
Inverter A IGBT Temperature for phase B		°F
Inverter B IGBT Temperature for phase A		°F
Inverter A IGBT Temperature for phase C		°F
Inverter B IGBT Temperature for phase B		°F
Distance Travelled with Light ON		miles
Inverter B IGBT Temperature for phase C		°F
Motor B Torque		Ft-Lbs
Motor A Resolver Angle		Degree
HV Battery Sleep Time		Days
Motor A Torque		Ft-Lbs
Motor B Resolver Angle		Degree
GPS Date - Year		Year
GPS Date - Month		
GPS Date - Day		Days
UTC Time - Hours		Hours
UTC Time - Minutes		
ECU Time - Milliseconds		ms
UTC Time - Seconds		seconds

CVPM | U0266-00 | ACTIVE | LOST COMMUNICATION WITH LEFT CAMERA-

NAME	VALUE	UNITS
DTC	C2 66 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Pending DTC	False	
Test Not Completed Since Last Clear	False	
Confirmed DTC	True	
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	

ECU Failure – ECU Memory	Off	
ECU Failure – Internal Communication Error	Off	
ECU Failure – Video Subsystem Error	Off	
ECU Failure – Internal Voltage	Off	
ECU Failure – Watchdog Error	Off	
Calibration Failure - Calibration not Executed	Off	
Calibration Failure - Calibration Data Inconsistent	Off	
Ignition Status	Ignition Status: Running	
Steering Wheel Angle Status	Steering Wheel Status: Okay	
Driver Door Ajar	Active	
Rear Left Door Ajar	Inactive	
Passenger Door Ajar	Inactive	
Rear Right Door Ajar	Inactive	
Reverse Gear	Inactive	
Liftgate Ajar	Active	
Touch Screen Status	Touch Screen Status: Not Pressed	
Touch Screen X Coordinate	0000	
Touch Screen Y Coordinate	0000	
Radio Display Status	Display Status: Splash Screen	
Most Recent Odometer Value	11910	miles
Original Odometer Value	11910	miles
Frequency Counter	1	
DTC Extended Data Record Number 2	2	
Ignition Cycle Counter	0	
ECU Voltage	11.3	V
Battery Voltage	11.4	V
Vehicle Speed	0.000000	MPH
Steering Wheel Angle	-14.5	Deg

CVPM | B23C6-92 | ACTIVE | LEFT CAMERA-PERFORMANCE OR INCORRECT OPERATION

NAME	VALUE	UNITS
DTC	A3 C6 92	
Test Failed	True	
Test Failed This Operation Cycle	True	
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	
ECU Failure – ECU Memory	Off	
ECU Failure – Internal Communication Error	Off	

ECU Failure – Internal Voltage	Off	
ECU Failure – Video Subsystem Error	Off	
ECU Failure – Watchdog Error	Off	
Calibration Failure - Calibration not Executed	Off	
Calibration Failure - Calibration Data Inconsistent	Off	
Ignition Status	Ignition Status: Running	
Steering Wheel Angle Status	Steering Wheel Status: Okay	
Driver Door Ajar	Active	
Rear Left Door Ajar	Inactive	
Passenger Door Ajar	Inactive	
Reverse Gear	Inactive	
Rear Right Door Ajar	Inactive	
Liftgate Ajar	Active	
Touch Screen Status	Touch Screen Status: Not Pressed	
Touch Screen Y Coordinate	0000	
Touch Screen X Coordinate	0000	
Radio Display Status	Display Status: Splash Screen	
Original Odometer Value	11910	miles
Frequency Counter	1	
Most Recent Odometer Value	11910	miles
DTC Extended Data Record Number 2	2	
Ignition Cycle Counter	0	
Battery Voltage	11.4	V
ECU Voltage	11.2	V
Steering Wheel Angle	-14.5	Deg
Vehicle Speed	0.000000	MPH

SNAPSHOT DATA SUMMARY

VEHICLE SCAN REPORT

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

Odometer 11917.0 miles
Publication Date Jan 20, 2020, 11:33:48 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT [redacted]	ORIGINAL V [redacted]	PART #
PCM	Powertrain Control Module	CAN-C	68416680AD	2C4RC1N	2C4RC1N7	68416680AD
ICS	Integrated Center Stack	CAN-I	6EV321X8AB	2C4RC1N	2C4RC1N7	6EV321X8AB
RFH	Radio Frequency Hub	CAN-C	68383680AB	2C4RC1N	2C4RC1N7	68383680AB
ESM	Electronic Shifter	CAN-C	68240089AL	2C4RC1N	2C4RC1N7	68240089AL
ORC	Occupant Restraint	CAN-C	68405567AB	2C4RC1N	2C4RC1N7	68405567AB
EPS	Electric Power Steering	CAN-C	68416741AA	2C4RC1N	2C4RC1N7	68416741AA
HVAC	Heat, Ventilation and A/C	CAN-I	68406613AA	2C4RC1N	2C4RC1N7	68406613AA
DDM	Driver Door Module	CAN-I	68316559AD	2C4RC1N	2C4RC1N7	68316559AD
PDM	Passenger Door Module	CAN-I	68316558AD	2C4RC1N	2C4RC1N7	68316558AD
DMRL	Door Module Rear Left	CAN-I	68225096AG	2C4RC1N	2C4RC1N7	68225096AG
DMRR	Door Module Rear Right	CAN-I	68225096AG	2C4RC1N	2C4RC1N7	68225096AG
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AB	2C4RC1N	2C4RC1N7	68369596AB
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AB	2C4RC1N	2C4RC1N7	68369596AB
MSM	Memory Seat Module	CAN-I	68321862AC	2C4RC1N	2C4RC1N7	68321862AC
PLGM	Power Liftgate	CAN-I	68316094AF	2C4RC1N	2C4RC1N7	68316094AF
AMP	Amplifier	CAN-I	68440634AA	2C4RC1N	2C4RC1N7	68440634AA
IPC	Instrument Panel Cluster	CAN-C	68405292AC	2C4RC1N	2C4RC1N7	68405292AC
PTS	Parktronics	CAN-C	68193775AJ	2C4RC1N	2C4RC1N7	68193775AJ
SCCM	Steering Column Control Module	CAN-C	68360889AB	2C4RC1N	2C4RC1N7	68360889AB
BCM	Body Controller	CAN-C	68402177AB	2C4RC1N	2C4RC1N7	68402177AB
ACC	Adaptive Cruise Control	CAN-C	04672758AA	2C4RC1N	2C4RC1N7	04672758AA
HSM	Heated Seat Module	CAN-I	68421106AA	2C4RC1N	2C4RC1N7	68421106AA

RADIO	Radio	CAN-I	68401447AB	2C4RC1	[redacted]	2C4RC1N7	68401447AB
OCM	Occupant Classification	CAN-C	68403127AA	2C4RC1N	[redacted]	2C4RC1N7	68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB	2C4RC1N	[redacted]	2C4RC1N7	68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB	2C4RC1N	[redacted]	2C4RC1N7	04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB	2C4RC1N	[redacted]	2C4RC1N7	04672786AB
FFCM	Forward Facing Camera Module	CAN-C	04672776AA	2C4RC1N	[redacted]	2C4RC1N7	04672776AA
EDM	External Disc Module	CAN-I	68378304AA	2C4RC1N	[redacted]	2C4RC1N7	68378304AA
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1N	[redacted]	2C4RC1N7	05185046AB
BPCM	Battery Pack Control Module	CAN-C	68429967AD	2C4RC1N	[redacted]	2C4RC1N7	68429967AD
HCP	Hybrid Control Processor	CAN-C	05190240AM	2C4RC1N	[redacted]	2C4RC1N7	05190240AM
OBCM	On Board Charging Module	CAN-C	05185047AD	2C4RC1N	[redacted]	2C4RC1N7	05185047AD
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC	2C4RC1N	[redacted]	2C4RC1N7	68321862AC
DSM	Display Screen Module	CAN-I	68316174AB	2C4RC1N	[redacted]	2C4RC1N7	68316174AB
VRM	Video Routing Module	CAN-I	68376134AE	2C4RC1N	[redacted]	2C4RC1N7	68376134AE
RCCC	Rear Cabin Comfort Controls	CAN-I	68395990AA	2C4RC1N	[redacted]	2C4RC1N7	68395990AA
CVPM	Central vision processing module	CAN-I	68375113AA	2C4RC1N	[redacted]	2C4RC1N7	68375113AA
EAC	Electric A/C Compressor	CAN-C	68237995AG	2C4RC1N	[redacted]	2C4RC1N7	68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05190241AM	2C4RC1N	[redacted]	2C4RC1N7	05190241AM
EBBM	Electronic Brake Booster Module	CAN-C	68240033AJ	2C4RC1N	[redacted]	2C4RC1N7	68240033AJ
ABSO	Anti Lock Brakes OBD	CAN-C	68352786AA	2C4RC1N	[redacted]	2C4RC1N7	68352786AA
SGW	Security Gateway Module	CAN-C	68420261AA		[redacted]	2C4RC1N7	68420261AA

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	VARIANT	VERSION	ISO CODE	CVNS
PCM	USA	1B 47	91 04 01	44	59		6A4A921C
ICS	USA	0F 0C 00	11 16 00	47	00		
RFH	USA / USA	10 17 00	12 08 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	11 1E 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		FEDBFE12
HCP	USA	11 1D 07	12 20 01	40	04		6C36848E 5412B2DD 31B4913E
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		BBFD096B
ABSO	USA	0E 15 02	11 0B 16	42	01		A1B31723
SGW		5	564	41	02		

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
PCM	U140A	Implausible Right Front Wheel Speed Signal Received	Active
PCM	U1409	Implausible Left Front Wheel Speed Signal Received	Active
HVAC	B10EB-00	Blower Power Module-	Stored
PTS	U0415-00	Invalid Data Received from Anti-Lock Brake System (ABS) Control Module "A"-	Stored

ACC	C2227-00	ABS Disabled ECU-	Active
ACC	U0415-00	Invalid Data Received from Anti-Lock Brake System (ABS) Control Module "A"-	Stored
RADIO	B280B-00	NTSC Video Input-	Stored
HCP	P062C-00	Internal Control Module Vehicle Speed Performance-	Stored
HCP	P0A3F-00	Drive Motor A Position Sensor 1 Circuit-	Active
HCP	P0A43-00	Drive Motor "A" Position Sensor Circuit Intermittent-	Stored
HCP	P0C19-00	Drive Motor A Torque Delivered Performance-	Stored
HCP	P1B03-00	Resolver Signal / MCPA Rationality-	Stored
HCP	P1B0F-00	Drive Motor A Position Sensor Offset Incorrect-	Pending
HCP	P215B-00	Vehicle Speed - Output Shaft Speed Correlation-	Stored
HCP	P26C3-00	Internal Control Module Electronic Shifter Performance-	Stored
HCP	U0415-00	Invalid Data Received from Anti-Lock Brake System (ABS) Control Module "A"-	Stored
HCP	U1852-00	Implausible Data Received from ABS on D-PT-	Stored
VRM	B15AE-00	Lost Low Voltage Differential Signal (LVDS) Connection with Media Port 2-	Stored
VRM	B15AD-00	Lost Low Voltage Differential Signal (LVDS) Connection with Media Port 1-	Stored
VRM	B15AB-00	Lost Low Voltage Differential Signal (LVDS) Connection with Display 2-	Stored
VRM	B15AA-00	Lost Low Voltage Differential Signal (LVDS) Connection with Display 1-	Stored
CVPM	U0266-00	Lost Communication with Left Camera-	Stored
CVPM	B23C6-92	Left Camera-Performance or Incorrect Operation	Stored
ABSO	C0501-00	Left Front Wheel Speed Sensor "A" Range/Performance-	Stored
ABSO	C0507-00	Right Front Wheel Speed Sensor "A" Range/Performance-	Stored

ENVIRONMENTAL DATA SUMMARY

PCM | U140A | ACTIVE | IMPLAUSIBLE RIGHT FRONT WHEEL SPEED SIGNAL RECEIVED

NAME	VALUE	UNITS
DTC Storage State	Active	
Warning Indicator Request State	On	
DTC Readiness Flag	Not Complete	
DTC	D4 0A	
Odometer	11906.5	miles
Accumulation Timer	29	minutes
Number of DTC	1	
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	

PCM | U1409 | ACTIVE | IMPLAUSIBLE LEFT FRONT WHEEL SPEED SIGNAL RECEIVED

NAME	VALUE	UNITS
DTC	D4 09	
DTC Storage State	Active	
Warning Indicator Request State	On	
DTC Readiness Flag	Not Complete	

Odometer	11906.5	miles
Accumulation Timer	29	minutes
Starts Since Set Counter	0	
Number of DTC	1	
Ignition Key Cycles	0	
Key Cycles Since DTC Last Set Counter	0	
Good Trip Counter	0	
Warm Up Cycles	0	

HVAC | B10EB-00 | STORED | BLOWER POWER MODULE-

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Test Not Completed This Operation Cycle	False	
Pending DTC	False	
Original Odometer Value	11910	miles
Frequency Counter	1	
Ignition Cycle Counter	14	
Most Recent Odometer Value	11910	miles

PTS | U0415-00 | STORED | INVALID DATA RECEIVED FROM ANTI-LOCK BRAKE SYSTEM (ABS) CONTROL MODULE "A"-

NAME	VALUE	UNITS
DTC	C4 15 00	
Test Failed	False	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	03	
Occurrence flag	Occurrence	
Most Recent Odometer Value	11910	miles
Frequency Counter	1	
Original Odometer Value	0	miles
DC/DC Converter Voltage	01	Volt

ACC | C2227-00 | ACTIVE | ABS DISABLED ECU-

NAME	VALUE	UNITS
Test Failed This Operation Cycle	False	
Pending DTC	True	
Test Failed	True	
Confirmed DTC	True	
Test Not Completed This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Test Failed Since Last Clear	False	
PRNDL Status	N range	
Original Odometer Value	11910	miles
Most Recent Odometer Value	11910	miles
Frequency Counter	1	
Operation Cycle Counter	0	
ACC Set Speed	0	MPH
Object of Interest Distance	830	FEET
Engine RPM	0	rpm
Vehicle Speed	7	MPH
Ignition Voltage	12.0	
System Voltage	12.1	Volts
Engine Torque Request	SNA	Ft-Lbs

ACC | U0415-00 | STORED | INVALID DATA RECEIVED FROM ANTI-LOCK BRAKE SYSTEM (ABS) CONTROL MODULE "A"-

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed This Operation Cycle	False	
Test Failed Since Last Clear	False	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
PRNDL Status	N range	
Original Odometer Value	11910	miles
Frequency Counter	1	
Most Recent Odometer Value	11910	miles
Operation Cycle Counter	0	
Engine RPM	0	rpm
ACC Set Speed	0	MPH
Vehicle Speed	6	MPH
Object of Interest Distance	830	FEET
System Voltage	12.1	Volts

Ignition Voltage	12.0	
Engine Torque Request	SNA	Ft-Lbs

RADIO | B280B-00 | STORED | NTSC VIDEO INPUT-

NAME	VALUE	UNITS
DTCTable	A8 0B 00	
Pending DTC	False	
Warning Indicator Requested	False	
DTCExtendedDataRecordNumber	FF	
Confirmed DTC	True	
Test Not Completed This Monitoring Cycle	False	
TestFailed	False	
TestFailedThisMonitoringCycle	False	
Reserved	Reserved	
Occurance Flag	Occurrence	
RDI $6080	60 80	
Event Counter	51	
Original Odometer Value	2237	miles
Ignition Counter	19	
Most Recent Odometer Value	2237	miles
Frequency Counter	1	

HCP | P062C-00 | STORED | INTERNAL CONTROL MODULE VEHICLE SPEED PERFORMANCE-

NAME	VALUE	UNITS
DTC	06 2C 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Confirmed DTC	True	
Pending DTC	False	
Test Not Completed Since Last Clear	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Brake Switch Status	Not Applied	
Ignition State	Reserved	
PRND Position Display	N	
Propulsion System Active	False	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
HCP System Shutdown Command	Default	
SW Build Release Version	PIMC19A1807p0_1807A_RU_H	
HCP SW Version	1807A	
EPT LOC Diag Enable	Enable LOC Diagnostic	

HV Contactor Status	Open	
APM Status	Idle	
Impact Event	False	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Hybrid System State	SNA	
PHEV Charging Status	No Charging	
Original Odometer Value	11917.0	miles
Most Recent Odometer Value	11917.0	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Real time clock	38887344	sec
RAM stamps keyOn	450	sec
Accelerator Pedal Position	0	%
RAM Stamps	154681	Min
Engine Speed	0	rpm
HV Battery SOC	57	%
Vehicle Speed	17.0683	MPH
Motor A Temp Sensor	73	°F
Motor B Temp Sensor	77	°F
Barometric Pressure	15	PSI
Internal EPS Voltage Sense A	0.000	Volts
Engine Coolant Temperature	68	°F
Internal EPS Voltage Sense B	0.000	Volts
Motor B Torque	0.000	Ft-Lbs
Motor A Torque	0.000	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Regen Torque - Motor A	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 A	-4	AMP
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Motor A - Inverter Current - phase C	0	AMP
Motor A - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor B Resolver Angle	282	Degree
Motor A Resolver Angle	Invalid Value	Degree
Electric Motor A Speed	2.5	rpm
PIM DC Link Voltage - A	5	Volts

HV Battery Voltage from BPCM	180.00	Volts
Electric Motor B Speed	0.5	rpm
PIM DC Link Voltage - B	5	Volts
Outside Air Temperature	51.8	°F
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	12.240	Volts
Battery Feed Voltage 3 Sense	12.168	Volts
Battery Feed Voltage 2 Sense	12.240	Volts
Inverter A IGBT Temperature for phase A	64	°F
Inverter A IGBT Temperature for phase B	63	°F
Inverter B IGBT Temperature for phase A	64	°F
Inverter A IGBT Temperature for phase C	64	°F
Inverter B IGBT Temperature for phase C	63	°F
Inverter B IGBT Temperature for phase B	63	°F
Distance Travelled with Light ON	43	miles
GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

HCP | P0A3F-00 | ACTIVE | DRIVE MOTOR A POSITION SENSOR 1 CIRCUIT

NAME	VALUE	UNITS
DTC	0A 3F 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Warning Indicator Requested	True	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Occurrence	
PHEV Charging Status	No Charging	
Brake Switch Status	Applied	
Ignition State	Reserved	
Propulsion System Active	True	
PRND Position Display	P	
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	Resolver Loss of Signal	

Motor B Resolver to Digital Low Level Driver Faults	No fault	
Hybrid System State	Propulsion System Active	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	On	
EPT LOC Diag Enable	Enable Limited LOC Diagnostic	
HV Contactor Status	Closed	
APM Status	Buck CV	
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	11917.0	miles
Most Recent Odometer Value	11917.0	miles
Frequency Counter	9	
Real time clock	39059832	sec
RAM stamps keyOn	240	sec
RAM Stamps	154717	Min
Engine Speed	975	rpm
Ignition Cycle Counter	0	
Accelerator Pedal Position	0	%
HV Battery SOC	55	%
Motor B Temp Sensor	48	°F
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	50	°F
Barometric Pressure	15	PSI
Engine Coolant Temperature	48	°F
Motor A Resolver Angle Offset	-9.60	Degree
Motor A Resolver Supply Voltage Value	15.75	Volts
Motor B Resolver Angle Offset	2.80	Degree
Motor B Resolver Supply Voltage Value	15.75	Volts
Battery Feed Voltage 2 Sense	13.032	Volts
Internal EPS Voltage Sense B	7.992	Volts
Actual Torque - Motor A	0.000	Ft-Lbs
Internal EPS Voltage Sense A	8.064	Volts
Actual Torque - Motor B	37.795	Ft-Lbs
Available Motor Torque - Motor A	31.895	Ft-Lbs
Available Motor Torque - Motor B	232.670	Ft-Lbs
Available Regen Torque - Motor A	-13.182	Ft-Lbs
Available Regen Torque - Motor B	-232.670	Ft-Lbs
Commanded Torque - Motor A	32.080	Ft-Lbs
Commanded Torque - Motor B	36.781	Ft-Lbs
Electric Motor A Speed	2.0	rpm
Electric Motor B Speed	0.0	rpm

Battery Feed Voltage 1 Sense	13.032	Volts
Battery Feed Voltage 3 Sense	12.960	Volts
Motor A - Inverter Current - phase A	-140	AMP
Motor A - Inverter Current - phase B	120	AMP
Motor A - Inverter Current - phase C	12	AMP
Motor B - Inverter Current - phase A	16	AMP
Motor B - Inverter Current - phase B	-72	AMP
Motor B - Inverter Current - phase C	52	AMP
Motor A Resolver Angle	Invalid Value	Degree
Motor B Resolver Angle	166	Degree
Outside Air Temperature	50.0	°F
HV Battery Voltage from BPCM	352.80	Volts
PIM DC Link Voltage - B	353	Volts
PIM DC Link Voltage - A	353	Volts
Inverter A IGBT Temperature for phase A	54	°F
Inverter A IGBT Temperature for phase B	50	°F
Inverter A IGBT Temperature for phase C	52	°F
Inverter B IGBT Temperature for phase A	48	°F
Inverter B IGBT Temperature for phase B	48	°F
Inverter B IGBT Temperature for phase C	50	°F
Distance Travelled with Light ON	50	miles
Motor B Torque	37.795	Ft-Lbs
Motor A Torque	0.000	Ft-Lbs
Motor B Resolver Angle	166	Degree
HV Battery Sleep Time	2	Days
GPS Date - Year	0	Year
Motor A Resolver Angle	Invalid Value	Degree
GPS Date - Day	1	Days
GPS Date - Month	1	
UTC Time - Seconds	0	seconds
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
ECU Time - Milliseconds	0	ms

HCP | P0A43-00 | STORED | DRIVE MOTOR "A" POSITION SENSOR CIRCUIT INTERMITTENT-

NAME	VALUE	UNITS
DTC	0A 43 00	
Test Failed	False	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	

Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Ignition State	Reserved	
PRND Position Display	N	
Propulsion System Active	False	
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	Resolver Degradation of Signal	
Motor B Resolver to Digital Low Level Driver Faults	No fault	
Hybrid System State	SNA	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Open	
APM Status	Idle	
Impact Event	False	
HCP System Shutdown Command	Default	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Motor B Resolver Offset Learn Erase	not requested	
Most Recent Odometer Value	11917.0	miles
Original Odometer Value	11362.5	miles
Frequency Counter	24	
Ignition Cycle Counter	0	
RAM stamps keyOn	855	sec
Real time clock	39060696	sec
RAM Stamps	154731	Min
Accelerator Pedal Position	0	%
Engine Speed	0	rpm
HV Battery SOC	55	%
Vehicle Speed	0.0000	MPH
Motor B Temp Sensor	50	°F
Motor A Temp Sensor	54	°F
Engine Coolant Temperature	48	°F
Barometric Pressure	15	PSI
Motor A Resolver Angle Offset	-9.60	Degree
Motor A Resolver Supply Voltage Value	15.75	Volts
Motor B Resolver Angle Offset	3.60	Degree
Motor B Resolver Supply Voltage Value	15.75	Volts
Battery Feed Voltage 2 Sense	12.096	Volts
Actual Torque - Motor B	0.000	Ft-Lbs

Internal EPS Voltage Sense B	0.000	Volts
Actual Torque - Motor A	0.000	Ft-Lbs
Internal EPS Voltage Sense A	0.000	Volts
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Motor Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Electric Motor A Speed	1.0	rpm
Electric Motor B Speed	0.5	rpm
Commanded Torque - Motor B	0.000	Ft-Lbs
Battery Feed Voltage 1 Sense	12.096	Volts
Battery Feed Voltage 3 Sense	12.096	Volts
Motor A - Inverter Current - phase A	0	AMP
Motor A - Inverter Current - phase B	0	AMP
Motor A - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor B - Inverter Current - phase B	-4	AMP
Motor A Resolver Angle	Invalid Value	Degree
Motor B - Inverter Current - phase C	0	AMP
Motor B Resolver Angle	214	Degree
Outside Air Temperature	50.0	°F
HV Battery Voltage from BPCM	180.00	Volts
PIM DC Link Voltage - B	7	Volts
PIM DC Link Voltage - A	7	Volts
Inverter A IGBT Temperature for phase A	73	°F
Inverter A IGBT Temperature for phase B	77	°F
Inverter B IGBT Temperature for phase A	72	°F
Inverter A IGBT Temperature for phase C	75	°F
Inverter B IGBT Temperature for phase B	73	°F
Inverter B IGBT Temperature for phase C	70	°F
Distance Travelled with Light ON	50	miles
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
HV Battery Sleep Time	0	Days
Motor A Resolver Angle	Invalid Value	Degree
Motor B Resolver Angle	214	Degree
GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

HCP | P0C19-00 | STORED | DRIVE MOTOR A TORQUE DELIVERED PERFORMANCE-

NAME	VALUE	UNITS
Test Failed	False	
DTC	0C 19 00	
Test Failed This Operation Cycle	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
PHEV Charging Status	No Charging	
Brake Switch Status	Applied	
PRND Position Display	P	
Ignition State	Ignition Lock	
Propulsion System Active	False	
Motor A Phase U Thermal Shutdown Fault - High-Side	False	
Motor A Phase U Short Fault - High-Side	False	
Motor A Phase U Cross Conduction Fault - High-Side	False	
Motor A Phase U Over Current Fault - High-Side	False	
Motor A Phase U Thermal Warning Fault - High-Side	False	
Motor A Phase U Comm Error High Voltage Regulator Fault - High-Side	False	
Motor A Phase U Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor A Phase U Short Fault - Low-Side	False	
Motor A Phase U Over Current Fault - Low-Side	False	
Motor A Phase U SPI Error Fault - High-Side	False	
Motor A Phase U Hardware Error Fault - High-Side	False	
Motor A Phase U Cross Conduction Fault - Low-Side	False	
Motor A Phase U Thermal Shutdown Fault - Low-Side	False	
Motor A Phase U Thermal Warning Fault - Low-Side	False	
Motor A Phase U SPI Error Fault - Low-Side	False	
Motor A Phase V Short Fault - High-Side	False	
Motor A Phase V Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor A Phase V Thermal Warning Fault - High-Side	False	
Motor A Phase V Cross Conduction Fault - High-Side	False	
Motor A Phase V SPI Error Fault - High-Side	False	
Motor A Phase V Hardware Error Fault - High-Side	False	
Motor A Phase U Hardware Error Fault - Low-Side	False	
Motor A Phase V Over Current Fault - High-Side	False	
Motor A Phase V Comm Error High Voltage Regulator Fault - High-Side	False	
Motor A Phase V Thermal Shutdown Fault - High-Side	False	
Motor A Phase V Cross Conduction Fault - Low-Side	False	
Motor A Phase V Over Current Fault - Low-Side	False	

Motor A Phase V Short Fault - Low-Side	False	
Motor A Phase V Thermal Warning Fault - Low-Side	False	
Motor A Phase W Short Fault - High-Side	False	
Motor A Phase V Thermal Shutdown Fault - Low-Side	False	
Motor A Phase V Hardware Error Fault - Low-Side	False	
Motor A Phase W Over Current Fault - High-Side	False	
Motor A Phase W Thermal Warning Fault - High-Side	False	
Motor A Phase W Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor A Phase V SPI Error Fault - Low-Side	False	
Motor A Phase W Thermal Shutdown Fault - High-Side	False	
Motor A Phase W SPI Error Fault - High-Side	False	
Motor A Phase W Hardware Error Fault - High-Side	False	
Motor A Phase W Thermal Shutdown Fault - Low-Side	False	
Motor A Phase W Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor A Phase W Short Fault - Low-Side	False	
Motor A Phase W Cross Conduction Fault - Low-Side	False	
Motor A Phase W Over Current Fault - Low-Side	False	
Motor A Phase W Thermal Warning Fault - Low-Side	False	
Motor A Phase W SPI Error Fault - Low-Side	False	
Motor A Phase W Hardware Error Fault - Low-Side	False	
Hybrid System State	SNA	
HV Contactor Status	Open	
Inverter B Status Feedback	Active Discharge	
EPT LOC Diag Enable	Enable Limited LOC Diagnostic	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
Impact Event	False	
HCP System Shutdown Command	Default	
APM Status	Idle	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Commanded Inverter A State	Active Discharge	
Motor A Phase U Under Voltage Fault VH - High-Side	False	
Motor A Phase U Over Voltage Fault VH - High-Side	False	
Inverter Status Feedback	Active Discharge	
Motor A Phase U Under Voltage Fault VL - High-Side	False	
Motor A Phase U Over Voltage Fault VDD - High-Side	False	
Motor A Phase U Under Voltage Fault VDD - High-Side	False	
Motor A Phase U Over Voltage Fault VH - Low-Side	False	
Motor A Phase U Under Voltage Fault VH - Low-Side	False	
Motor A Phase U Over Voltage Fault VL - High-Side	False	
Motor A Phase U Over Voltage Fault VL - Low-Side	False	
Motor A Phase U Under Voltage Fault VDD - Low-Side	False	
Motor A Phase U Under Voltage Fault VL - Low-Side	False	

Motor A Phase U Over Voltage Fault VDD - Low-Side	False	
Motor A Phase U Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor A Phase U Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor A Phase V Over Voltage Fault VL - High-Side	False	
Motor A Phase V Over Voltage Fault VH - High-Side	False	
Motor A Phase V Under Voltage Fault VH - High-Side	False	
Motor A Phase V Under Voltage Fault VL - High-Side	False	
Motor A Phase V Over Voltage Fault VDD - High-SideSide	False	
Motor A Phase V Under Voltage Fault VDD - High-Side	False	
Motor A Phase V Over Voltage Fault VH - Low-Side	False	
Motor A Phase V Under Voltage Fault VH - Low-Side	False	
Motor A Phase V Over Voltage Fault VDD - Low-Side	False	
Motor A Phase V Over Voltage Fault VL - Low-Side	False	
Motor A Phase V Under Voltage Fault VL - Low-Side	False	
Motor A Phase W Over Voltage Fault VH - High-Side	False	
Motor A Phase V Under Voltage Fault VDD - Low-Side	False	
Motor A Phase V Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor A Phase V Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor A Phase W Cross Conduction Fault - High-Side	False	
Motor A Phase W Under Voltage Fault VL - High-Side	False	
Motor A Phase W Under Voltage Fault VH - High-Side	False	
Motor A Phase W Over Voltage Fault VL - High-Side	False	
Motor A Phase W Over Voltage Fault VDD - High-Side	False	
Motor A Phase W Comm Error High Voltage Regulator Fault - High-Side	False	
Motor A Phase W Under Voltage Fault VDD - High-Side	False	
Motor A Phase W Over Voltage Fault VH - Low-Side	False	
Motor A Phase W Under Voltage Fault VH - Low-Side	False	
Motor A Phase W Over Voltage Fault VL - Low-Side	False	
Motor A Phase W Under Voltage Fault VL - Low-Side	False	
Motor A Phase W Over Voltage Fault VDD - Low-Side	False	
Motor A Phase W Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor A Phase W Under Voltage Fault VDD - Low-Side	False	
Inverter A Status Feedback	Active Discharge	
Ignition Cycle Counter	0	
Most Recent Odometer Value	11917.0	miles
Original Odometer Value	11917.0	miles
RAM stamps keyOn	30	sec
Frequency Counter	9	
Real time clock	38888928	sec
HV Battery SOC	56	%
Accelerator Pedal Position	0	%
Engine Coolant Temperature	66	°F
Engine Speed	0	rpm
Actual Torque - Motor A	0.000	Ft-Lbs

RAM Stamps	154707	Min
Barometric Pressure	15	PSI
Vehicle Speed	0.0000	MPH
Electric Motor A Speed	3.5	rpm
Available Motor Torque - Motor A	69.782	Ft-Lbs
Motor A - Inverter Current - phase B	-4	AMP
Motor A - Inverter Current - phase C	0	AMP
Motor A - Inverter Current - phase A	-4	AMP
Inverter A Input DC Current	0.0	AMP
Internal EPS Voltage Sense A	8.064	Volts
Motor A Resolver Supply Voltage Value	15.75	Volts
Battery Feed Voltage 3 Sense	12.168	Volts
Battery Feed Voltage 2 Sense	12.240	Volts
Internal EPS Voltage Sense B	7.992	Volts
Low Temp Active Pump Speed	0	rpm
PIM DC Link Voltage - A	304	Volts
Passive Pump Coolant Temp In Sensor	61	°F
High Temp Aux Pump - Actual Speed	0	rpm
Outside Air Temperature	53.6	°F
PIM DC Link Voltage - B	304	Volts
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Battery Feed Voltage 1 Sense	12.240	Volts
Commanded Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor A	-69.782	Ft-Lbs
Motor B - Inverter Current - phase B	-4	AMP
Available Motor Torque - Motor B	232.301	Ft-Lbs
Motor B Resolver Angle	226	Degree
Motor B - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor A Resolver Angle	Invalid Value	Degree
Motor B Temp Sensor	73	°F
Electric Motor B Speed	0.0	rpm
Inverter A IGBT Temperature for phase B	61	°F
Inverter A IGBT Temperature for phase C	63	°F
Inverter B IGBT Temperature for phase C	61	°F
Inverter B IGBT Temperature for phase B	61	°F
Inverter A IGBT Temperature for phase A	61	°F
Inverter B IGBT Temperature for phase A	61	°F
Distance Travelled with Light ON	50	miles
Motor A Temp Sensor	70	°F
HV Battery Voltage from BPCM	305.00	Volts
Motor B Torque	0.000	Ft-Lbs

HV Battery Sleep Time	0	Days
Motor A Torque	0.000	Ft-Lbs
Motor A Resolver Angle	Invalid Value	Degree
GPS Date - Day	1	Days
GPS Date - Year	0	Year
Motor A Temp Sensor	70	°F
GPS Date - Month	1	
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

HCP | P1B03-00 | STORED | RESOLVER SIGNAL / MCPA RATIONALITY-

NAME	VALUE	UNITS
DTC	1B 03 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	
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Ignition State	Reserved	
Propulsion System Active	False	
PRND Position Display	N	
Motor A Resolver Offset Learn Erase	not requested	
Motor B Resolver Offset Learning Status Flag	Applied	
Motor A Resolver Offset Learning Status Flag	Applied	
Motor A Resolver to Digital Low Level Driver Faults	Resolver Loss of Signal	
Motor B Resolver to Digital Low Level Driver Faults	No fault	
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	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	

Motor B Resolver Offset Learn Erase	not requested	
Most Recent Odometer Value	11917.0	miles
Original Odometer Value	11917.0	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Real time clock	38876296	sec
RAM Stamps	154657	Min
Accelerator Pedal Position	0	%
RAM stamps keyOn	915	sec
Engine Speed	0	rpm
HV Battery SOC	60	%
Vehicle Speed	72.8266	MPH
Motor B Temp Sensor	138	°F
Motor A Temp Sensor	136	°F
Barometric Pressure	15	PSI
Motor B Resolver Angle Offset	3.20	Degree
Engine Coolant Temperature	97	°F
Motor A Resolver Angle Offset	3.60	Degree
Motor A Resolver Supply Voltage Value	15.75	Volts
Motor B Resolver Supply Voltage Value	15.75	Volts
Actual Torque - Motor A	0.000	Ft-Lbs
Battery Feed Voltage 2 Sense	12.672	Volts
Internal EPS Voltage Sense B	0.000	Volts
Internal EPS Voltage Sense A	0.072	Volts
Available Motor Torque - Motor B	58.997	Ft-Lbs
Available Motor Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	-14.104	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor B	-58.997	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Electric Motor A Speed	-9596.0	rpm
Electric Motor B Speed	8020.0	rpm
Battery Feed Voltage 1 Sense	12.672	Volts
Battery Feed Voltage 3 Sense	12.600	Volts
Motor A - Inverter Current - phase A	-116	AMP
Motor A - Inverter Current - phase B	-12	AMP
Motor A - Inverter Current - phase C	120	AMP
Motor B - Inverter Current - phase A	144	AMP
Motor B - Inverter Current - phase B	72	AMP
Motor A Resolver Angle	Invalid Value	Degree
Motor B - Inverter Current - phase C	-220	AMP
Motor B Resolver Angle	230	Degree
Outside Air Temperature	42.8	°F

HV Battery Voltage from BPCM	180.00	Volts
PIM DC Link Voltage - A	3	Volts
PIM DC Link Voltage - B	4	Volts
Inverter A IGBT Temperature for phase A	61	°F
Inverter A IGBT Temperature for phase B	61	°F
Inverter A IGBT Temperature for phase C	63	°F
Inverter B IGBT Temperature for phase A	64	°F
Inverter B IGBT Temperature for phase B	63	°F
Inverter B IGBT Temperature for phase C	63	°F
Distance Travelled with Light ON	40	miles
Motor B Torque	-14.104	Ft-Lbs
Motor A Torque	0.000	Ft-Lbs
HV Battery Sleep Time	0	Days
Motor B Resolver Angle	230	Degree
Motor A Resolver Angle	Invalid Value	Degree
GPS Date - Year	0	Year
UTC Time - Hours	0	Hours
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

HCP | P1B0F-00 | PENDING | DRIVE MOTOR A POSITION SENSOR OFFSET INCORRECT-

NAME	VALUE	UNITS
DTC	1B 0F 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	False	
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		
Brake Switch Status		
PHEV Charging Status		
Propulsion System Active		
PRND Position Display		
Ignition State		
Motor A Resolver Offset Learn Erase		
Motor B Resolver Offset Learning Status Flag		
Motor A Resolver Offset Learning Status Flag		
Motor A Resolver to Digital Low Level Driver Faults		

Motor B Resolver to Digital Low Level Driver Faults		
Hybrid System State		
HCP ePT Wake-Up Output		
CBC Wake-Up Input		
EPT LOC Diag Enable		
HV Contactor Status		
APM Status		
Impact Event		
HCP System Shutdown Command		
OBCM Operating Mode		
J1772 Prox Detected State		
Motor B Resolver Offset Learn Erase		
Most Recent Odometer Value		miles
Ignition Cycle Counter		
Original Odometer Value		miles
Real time clock		sec
Frequency Counter		
RAM stamps keyOn		sec
RAM Stamps		Min
Engine Speed		rpm
Accelerator Pedal Position		%
HV Battery SOC		%
Vehicle Speed		MPH
Motor B Temp Sensor		°F
Motor A Temp Sensor		°F
Engine Coolant Temperature		°F
Motor A Resolver Angle Offset		Degree
Barometric Pressure		PSI
Motor A Resolver Supply Voltage Value		Volts
Motor B Resolver Angle Offset		Degree
Motor B Resolver Supply Voltage Value		Volts
Internal EPS Voltage Sense B		Volts
Battery Feed Voltage 2 Sense		Volts
Internal EPS Voltage Sense A		Volts
Actual Torque - Motor A		Ft-Lbs
Actual Torque - Motor B		Ft-Lbs
Available Motor Torque - Motor B		Ft-Lbs
Available Motor Torque - Motor A		Ft-Lbs
Available Regen Torque - Motor A		Ft-Lbs
Available Regen Torque - Motor B		Ft-Lbs
Commanded Torque - Motor A		Ft-Lbs
Electric Motor B Speed		rpm
Electric Motor A Speed		rpm
Commanded Torque - Motor B		Ft-Lbs

Battery Feed Voltage 1 Sense		Volts
Battery Feed Voltage 3 Sense		Volts
Motor A - Inverter Current - phase A		AMP
Motor A - Inverter Current - phase B		AMP
Motor A - Inverter Current - phase C		AMP
Motor B - Inverter Current - phase A		AMP
Motor B - Inverter Current - phase B		AMP
Motor B - Inverter Current - phase C		AMP
Motor A Resolver Angle		Degree
Motor B Resolver Angle		Degree
Outside Air Temperature		°F
HV Battery Voltage from BPCM		Volts
PIM DC Link Voltage - A		Volts
Inverter A IGBT Temperature for phase A		°F
PIM DC Link Voltage - B		Volts
Inverter A IGBT Temperature for phase B		°F
Inverter A IGBT Temperature for phase C		°F
Inverter B IGBT Temperature for phase A		°F
Inverter B IGBT Temperature for phase B		°F
Distance Travelled with Light ON		miles
Motor B Torque		Ft-Lbs
Motor A Torque		Ft-Lbs
Inverter B IGBT Temperature for phase C		°F
HV Battery Sleep Time		Days
Motor A Resolver Angle		Degree
Motor B Resolver Angle		Degree
GPS Date - Year		Year
GPS Date - Month		
GPS Date - Day		Days
UTC Time - Minutes		
UTC Time - Hours		Hours
ECU Time - Milliseconds		ms
UTC Time - Seconds		seconds

HCP | P215B-00 | STORED | VEHICLE SPEED - OUTPUT SHAFT SPEED CORRELATION-

NAME	VALUE	UNITS
DTC	21 5B 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	True	
Occurrence flag	Occurrence	
Brake Switch Status	Not Applied	
Ignition State	Reserved	
PRND Position Display	N	
Propulsion System Active	False	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
HCP System Shutdown Command	Default	
SW Build Release Version	PIMC19A1807p0_1807A_RU_H	
HCP SW Version	1807A	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Open	
APM Status	Idle	
Impact Event	False	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Hybrid System State	SNA	
PHEV Charging Status	No Charging	
Original Odometer Value	11917.0	miles
Most Recent Odometer Value	11917.0	miles
Frequency Counter	5	
Ignition Cycle Counter	0	
Real time clock	38887916	sec
RAM stamps keyOn	1020	sec
RAM Stamps	154690	Min
Engine Speed	0	rpm
HV Battery SOC	56	%
Accelerator Pedal Position	0	%
Vehicle Speed	7.1797	MPH
Motor A Temp Sensor	72	°F
Barometric Pressure	15	PSI
Engine Coolant Temperature	68	°F
Internal EPS Voltage Sense A	0.000	Volts
Motor B Temp Sensor	75	°F
Internal EPS Voltage Sense B	0.000	Volts
Motor B Torque	0.000	Ft-Lbs
Motor A Torque	0.000	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor B	232.393	Ft-Lbs
Available Regen Torque - Motor B	-232.393	Ft-Lbs

Commanded Torque - Motor A	0.000	Ft-Lbs
Motor A - Inverter Current - phase A	-4	AMP
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor A - Inverter Current - phase C	0	AMP
Motor A - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor B - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase C	0	AMP
Motor B Resolver Angle	248	Degree
Motor A Resolver Angle	Invalid Value	Degree
Electric Motor A Speed	3.0	rpm
Electric Motor B Speed	0.5	rpm
PIM DC Link Voltage - B	5	Volts
PIM DC Link Voltage - A	5	Volts
HV Battery Voltage from BPCM	180.00	Volts
Outside Air Temperature	53.6	°F
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	11.808	Volts
Battery Feed Voltage 2 Sense	11.880	Volts
Battery Feed Voltage 3 Sense	11.736	Volts
Inverter A IGBT Temperature for phase B	57	°F
Inverter A IGBT Temperature for phase C	57	°F
Inverter A IGBT Temperature for phase A	57	°F
Inverter B IGBT Temperature for phase A	57	°F
Inverter B IGBT Temperature for phase B	57	°F
Inverter B IGBT Temperature for phase C	57	°F
Distance Travelled with Light ON	50	miles
GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Minutes	0	
UTC Time - Hours	0	Hours
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

HCP | P26C3-00 | STORED | INTERNAL CONTROL MODULE ELECTRONIC SHIFTER PERFORMANCE-

NAME	VALUE	UNITS
DTC	26 C3 00	
Confirmed DTC	True	
Test Failed	False	
Pending DTC	False	
Test Not Completed Since Last Clear	False	
Occurrence flag	Occurrence	
Test Not Completed This Operation Cycle	False	

Warning Indicator Requested	True	
Test Failed This Operation Cycle	False	
Test Failed Since Last Clear	True	
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Ignition State	Reserved	
PRND Position Display	P	
Shift Lock Status	Unlocked	
Propulsion System Active	False	
PRND Blink	Initialization	
Reverse Shift Lock Status	Unlocked	
Auto Correction Request	APCM On	
Park Pawl Motor Direction	Out of Park/Move Towards Disengage	
Park Pawl Motor Enable Feedback	Disabled	
Park Pawl Status Feedback	Engaged	
Park Gated Switch	In Park	
Failure Reasons for Level 2 eShift	Reserved	
Hybrid System State	SNA	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Open	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	On	
APM Status	Idle	
Impact Event	False	
HCP System Shutdown Command	Default	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Original Odometer Value	11917.0	miles
Ignition Cycle Counter	0	
Most Recent Odometer Value	11917.0	miles
Accelerator Pedal Position	0	%
RAM Stamps	154706	Min
Engine Speed	0	rpm
RAM stamps keyOn	1965	sec
HV Battery SOC	56	%
Vehicle Speed	0.0000	MPH
Real time clock	38888860	sec
Frequency Counter	1	
PP Actuator Position Sensor Voltage	3.90	Volts
Barometric Pressure	15	PSI
Engine Coolant Temperature	66	°F
Park Pawl Motor PWM1	0	%
Park Pawl Motor Current	0.1	AMP
Park Pawl Motor Counts	389	Counts

Internal EPS Voltage Sense A	0.000	Volts
Battery Feed Voltage 3 Sense	11.592	Volts
Internal EPS Voltage Sense B	0.000	Volts
Battery Feed Voltage 2 Sense	11.664	Volts
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Motor Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Motor A - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase C	0	AMP
Commanded Torque - Motor A	0.000	Ft-Lbs
Motor A - Inverter Current - phase B	-4	AMP
Battery Feed Voltage 1 Sense	11.664	Volts
Motor B Resolver Angle	304	Degree
Motor B - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase A	-4	AMP
HV Battery Voltage from BPCM	180.00	Volts
Motor B - Inverter Current - phase C	0	AMP
Motor A Resolver Angle	Invalid Value	Degree
Motor B Temp Sensor	73	°F
Motor A Temp Sensor	70	°F
Outside Air Temperature	53.6	°F
PIM DC Link Voltage - B	5	Volts
Inverter A IGBT Temperature for phase A	61	°F
PIM DC Link Voltage - A	5	Volts
Inverter A IGBT Temperature for phase C	61	°F
Inverter A IGBT Temperature for phase B	61	°F
Electric Motor B Speed	0.0	rpm
Inverter B IGBT Temperature for phase A	61	°F
Inverter B IGBT Temperature for phase C	61	°F
Inverter B IGBT Temperature for phase B	61	°F
Distance Travelled with Light ON	50	miles
Motor B Torque	0.000	Ft-Lbs
Motor A Torque	0.000	Ft-Lbs
GPS Date - Month	1	
UTC Time - Minutes	0	
HV Battery Sleep Time	0	Days
GPS Date - Year	0	Year
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Seconds	0	seconds

Electric Motor A Speed	3.0	rpm
ECU Time - Milliseconds	0	ms

HCP | U0415-00 | STORED | INVALID DATA RECEIVED FROM ANTI-LOCK BRAKE SYSTEM (ABS) CONTROL MODULE "A"-

NAME	VALUE	UNITS
DTC	C4 15 00	
Test Failed	False	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Test Not Completed Since Last Clear	False	
Confirmed DTC	True	
Test Failed Since Last Clear	True	
Warning Indicator Requested	True	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Occurrence	
Brake Switch Status	Applied	
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	False	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	On	
HCP System Shutdown Command	Default	
SW Build Release Version	PIMC19A1807p0_1807A_RU_H	
HCP SW Version	1807A	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Open	
APM Status	Idle	
Impact Event	False	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Hybrid System State	SNA	
PHEV Charging Status	No Charging	
Original Odometer Value	11917.0	miles
Most Recent Odometer Value	11917.0	miles
Frequency Counter	6	
Ignition Cycle Counter	0	
Real time clock	39059848	sec
RAM stamps keyOn	15	sec
RAM Stamps	154717	Min
Accelerator Pedal Position	0	%
Engine Speed	0	rpm
HV Battery SOC	55	%
Motor A Temp Sensor	52	°F
Vehicle Speed	0.0000	MPH

Motor B Temp Sensor	48	°F
Barometric Pressure	15	PSI
Engine Coolant Temperature	48	°F
Internal EPS Voltage Sense A	1.296	Volts
Internal EPS Voltage Sense B	0.072	Volts
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Motor A - Inverter Current - phase B	0	AMP
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor A - Inverter Current - phase A	-4	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase B	0	AMP
Electric Motor A Speed	2.0	rpm
Motor B Resolver Angle	136	Degree
Motor A Resolver Angle	Invalid Value	Degree
PIM DC Link Voltage - B	5	Volts
Electric Motor B Speed	0.0	rpm
PIM DC Link Voltage - A	4	Volts
HV Battery Voltage from BPCM	180.00	Volts
Outside Air Temperature	50.0	°F
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	12.096	Volts
Battery Feed Voltage 2 Sense	12.168	Volts
Inverter A IGBT Temperature for phase A	57	°F
Battery Feed Voltage 3 Sense	12.168	Volts
Inverter B IGBT Temperature for phase A	50	°F
Inverter A IGBT Temperature for phase C	55	°F
Inverter B IGBT Temperature for phase B	52	°F
Inverter B IGBT Temperature for phase C	52	°F
Inverter A IGBT Temperature for phase B	57	°F
GPS Date - Year	0	Year
GPS Date - Month	1	
Distance Travelled with Light ON	50	miles
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 | U1852-00 | STORED | IMPLAUSIBLE DATA RECEIVED FROM ABS ON D-PT-

NAME	VALUE	UNITS
DTC	D8 52 00	
Test Failed	False	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Brake Switch Status	Applied	
Ignition State	Ignition Off/ACC	
Propulsion System Active	False	
PRND Position Display	P	
CBC Wake-Up Input	On	
HCP ePT Wake-Up Output	On	
SW Build Release Version	PIMC19A1807p0_1807A_RU_H	
HCP System Shutdown Command	Default	
HCP SW Version	1807A	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Open	
APM Status	Idle	
Impact Event	False	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Hybrid System State	SNA	
PHEV Charging Status	No Charging	
Original Odometer Value	11917.0	miles
Most Recent Odometer Value	11917.0	miles
Ignition Cycle Counter	0	
Frequency Counter	6	
Real time clock	39059848	sec
RAM stamps keyOn	15	sec
RAM Stamps	154717	Min
Accelerator Pedal Position	0	%
Engine Speed	0	rpm
HV Battery SOC	55	%
Motor A Temp Sensor	52	°F

Vehicle Speed	0.0000	MPH
Motor B Temp Sensor	48	°F
Engine Coolant Temperature	48	°F
Internal EPS Voltage Sense A	1.440	Volts
Internal EPS Voltage Sense B	0.144	Volts
Barometric Pressure	15	PSI
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor A - Inverter Current - phase A	-4	AMP
Commanded Torque - Motor A	0.000	Ft-Lbs
Motor A - Inverter Current - phase B	0	AMP
Motor A - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor B - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase C	-4	AMP
Electric Motor A Speed	2.0	rpm
Motor A Resolver Angle	Invalid Value	Degree
Motor B Resolver Angle	136	Degree
PIM DC Link Voltage - A	4	Volts
Electric Motor B Speed	0.0	rpm
PIM DC Link Voltage - B	5	Volts
HV Battery Voltage from BPCM	180.00	Volts
Outside Air Temperature	50.0	°F
HV Battery Sleep Time	0	Days
Battery Feed Voltage 2 Sense	12.168	Volts
Inverter A IGBT Temperature for phase A	57	°F
Battery Feed Voltage 3 Sense	12.168	Volts
Inverter A IGBT Temperature for phase C	55	°F
Battery Feed Voltage 1 Sense	12.168	Volts
Inverter B IGBT Temperature for phase A	50	°F
Inverter B IGBT Temperature for phase C	52	°F
Inverter B IGBT Temperature for phase B	52	°F
Inverter A IGBT Temperature for phase B	57	°F
Distance Travelled with Light ON	50	miles
GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days

UTC Time - Minutes	0	
UTC Time - Hours	0	Hours
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

VRM | B15AE-00 | STORED | LOST LOW VOLTAGE DIFFERENTIAL SIGNAL (LVDS) CONNECTION WITH MEDIA PORT 2-

NAME	VALUE	UNITS
DTC	95 AE 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	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Test Not Completed This Operation Cycle	False	
Occurrence flag	ERROR	
Original Odometer Value	11821	miles
Frequency Counter	1	
Most Recent Odometer Value	11821	miles
Ignition Cycle Counter	21	

VRM | B15AD-00 | STORED | LOST LOW VOLTAGE DIFFERENTIAL SIGNAL (LVDS) CONNECTION WITH MEDIA PORT 1-

NAME	VALUE	UNITS
DTC	95 AD 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	
Most Recent Odometer Value	11821	miles
Original Odometer Value	11821	miles
Frequency Counter	1	
Ignition Cycle Counter	21	

VRM | B15AB-00 | STORED | LOST LOW VOLTAGE DIFFERENTIAL SIGNAL (LVDS) CONNECTION WITH DISPLAY 2-

NAME	VALUE	UNITS
DTC	95 AB 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	11821	miles
Most Recent Odometer Value	11821	miles
Ignition Cycle Counter	21	
Frequency Counter	1	

VRM | B15AA-00 | STORED | LOST LOW VOLTAGE DIFFERENTIAL SIGNAL (LVDS) CONNECTION WITH DISPLAY 1-

NAME	VALUE	UNITS
DTC	95 AA 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	
DTC Extended Data Record Number - All	01	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Most Recent Odometer Value	11821	miles
Original Odometer Value	11821	miles
Frequency Counter	1	
Ignition Cycle Counter	21	

CVPM | U0266-00 | STORED | LOST COMMUNICATION WITH LEFT CAMERA-

NAME	VALUE	UNITS
DTC	C2 66 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
Pending DTC	False	
Test Not Completed This Operation Cycle	False	
Confirmed DTC	True	
Test Failed Since Last Clear	True	
Warning Indicator Requested	False	

DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
ECU Failure – Internal Voltage	Off	
ECU Failure – Internal Communication Error	Off	
ECU Failure – Video Subsystem Error	Off	
ECU Failure – ECU Memory	Off	
ECU Failure – Watchdog Error	Off	
Calibration Failure - Calibration not Executed	Off	
Calibration Failure - Calibration Data Inconsistent	Off	
Ignition Status	Ignition Status: Running	
Steering Wheel Angle Status	Steering Wheel Status: Okay	
Rear Left Door Ajar	Inactive	
Driver Door Ajar	Inactive	
Passenger Door Ajar	Inactive	
Reverse Gear	Inactive	
Rear Right Door Ajar	Inactive	
Touch Screen Status	Touch Screen Status: Not Pressed	
Liftgate Ajar	Inactive	
Touch Screen Y Coordinate	0000	
Touch Screen X Coordinate	0000	
Radio Display Status	Display Status: Off	
Most Recent Odometer Value	11543	miles
DTC Extended Data Record Number 2	2	
Frequency Counter	42	
Original Odometer Value	0	miles
Ignition Cycle Counter	38	
ECU Voltage	14.5	V
Vehicle Speed	0.000000	MPH
Battery Voltage	14.6	V
Steering Wheel Angle	9.0	Deg

CVPM | B23C6-92 | STORED | LEFT CAMERA-PERFORMANCE OR INCORRECT OPERATION

NAME	VALUE	UNITS
DTC	A3 C6 92	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed This Operation Cycle	False	
Test Failed Since Last Clear	True	
Test Not Completed Since Last Clear	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Warning Indicator Requested	False	

ECU Failure – Internal Voltage	Off	
ECU Failure – ECU Memory	Off	
ECU Failure – Video Subsystem Error	Off	
ECU Failure – Internal Communication Error	Off	
Calibration Failure - Calibration Data Inconsistent	Off	
ECU Failure – Watchdog Error	Off	
Calibration Failure - Calibration not Executed	Off	
Steering Wheel Angle Status	Steering Wheel Status: Okay	
Ignition Status	Ignition Status: Running	
Driver Door Ajar	Inactive	
Rear Left Door Ajar	Inactive	
Passenger Door Ajar	Inactive	
Rear Right Door Ajar	Inactive	
Reverse Gear	Inactive	
Touch Screen X Coordinate	0000	
Liftgate Ajar	Inactive	
Touch Screen Status	Touch Screen Status: Not Pressed	
Touch Screen Y Coordinate	0000	
Radio Display Status	Display Status: Off	
Frequency Counter	42	
Most Recent Odometer Value	11543	miles
DTC Extended Data Record Number 2	2	
Original Odometer Value	0	miles
Ignition Cycle Counter	38	
Vehicle Speed	0.000000	MPH
Steering Wheel Angle	9.0	Deg
ECU Voltage	14.5	V
Battery Voltage	14.6	V

ABSO | C0501-00 | STORED | LEFT FRONT WHEEL SPEED SENSOR "A" RANGE/PERFORMANCE-

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
DTC	45 01 00	
Pending DTC	True	
Confirmed DTC	True	
Test Failed Since Last Clear	False	
Test Not Completed Since Last Clear	False	
Occurrence flag	ERROR	
Test Not Completed This Operation Cycle	True	
Warning Indicator Requested	True	
Controller Event	No	
Mirror Memory	No	
Undervoltage Suspected	No	

Current System Mode	Ignition Run	
Previous System Mode	Ignition Run	
System Condition	OK	
Brake Pedal Status	Released	
Rotation Direction Left Front	Forward	
Rotation Direction Right Front	Forward	
Rotation Direction Left Rear	Forward	
Rotation Direction Right Rear	Forward	
ABS control	Not active	
ASR control	Not active	
MSR control	Not active	
EBV control	Not active	
ESP Control	Not active	
HSA control	Not active	
HBA control	Not active	
Hold	No	
Braking assistance system	No Assistance System Is Braking	
EPB Mode Status	Static	
Plant Mode	No	
BLS High	No	
BLS Low	Yes	
Park Brake	Not Activated	
ESP-OFF mode	No	
Clutch	Not Activated	
Stop Coordinator Active	No	
Actual Gear	N	
Transmission selector lever setting	N	
Status Parking Brake Left	Brake is Released	
EPB Switch Status	Idle	
Status Parking Brake Right	Brake is Released	
Original Odometer Value	11910	miles
Most Recent Odometer Value	11910	miles
Frequency Counter	1	
Supply Voltage Valves	12.2	V
Brake Pedal Travel Sensor Position	0	%
Ignition Unfiltered	12.2	V
Ignition Cycle Counter	0	
Wheel Speed Left Front	0.000	MPH
Supply voltage Pump	12.2	V
Wheel Speed Right Front	0.000	MPH
Fault Time	13107.00	S
Wheel Speed Right Rear	11.185	MPH
Wheel Speed Left Rear	11.185	MPH
Lateral Acceleration	0.00	m/s^2

Steering Wheel Angle	12.80	°
Yaw Rate	0.000	°/s
Longitudinal Acceleration	2.17	m/s^2
Primary Circuit Pressure	0.00	PSI
Engine Speed	0.0	rpm
Accelerator Pedal Position	0.0	%
Supplier Internal Code	501	

ABSO | C0507-00 | STORED | RIGHT FRONT WHEEL SPEED SENSOR "A" RANGE/PERFORMANCE-

NAME	VALUE	UNITS
DTC	45 07 00	
Test Failed	False	
Confirmed DTC	True	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Test Not Completed This Operation Cycle	True	
Test Failed Since Last Clear	False	
Test Not Completed Since Last Clear	False	
Warning Indicator Requested	True	
Controller Event	No	
Mirror Memory	No	
Occurrence flag	ERROR	
Undervoltage Suspected	No	
Previous System Mode	Ignition Run	
System Condition	OK	
Current System Mode	Ignition Run	
Brake Pedal Status	Released	
Rotation Direction Left Front	Forward	
Rotation Direction Right Front	Forward	
Rotation Direction Left Rear	Forward	
Rotation Direction Right Rear	Forward	
ABS control	Not active	
MSR control	Not active	
ASR control	Not active	
ESP Control	Not active	
EBV control	Not active	
HBA control	Not active	
HSA control	Not active	
Hold	No	
Braking assistance system	No Assistance System Is Braking	
Plant Mode	No	
EPB Mode Status	Static	
BLS High	No	
BLS Low	Yes	

ESP-OFF mode	No	
Park Brake	Not Activated	
Stop Coordinator Active	No	
Clutch	Not Activated	
Actual Gear	N	
Transmission selector lever setting	N	
Status Parking Brake Right	Brake is Released	
EPB Switch Status	Idle	
Status Parking Brake Left	Brake is Released	
Ignition Cycle Counter	0	
Original Odometer Value	11910	miles
Most Recent Odometer Value	11910	miles
Frequency Counter	1	
Supply voltage Pump	12.2	V
Brake Pedal Travel Sensor Position	0	%
Ignition Unfiltered	12.2	V
Supply Voltage Valves	12.2	V
Wheel Speed Left Front	0.000	MPH
Wheel Speed Right Front	0.000	MPH
Fault Time	13107.00	S
Wheel Speed Left Rear	11.185	MPH
Steering Wheel Angle	12.80	°
Wheel Speed Right Rear	11.185	MPH
Longitudinal Acceleration	2.17	m/s^2
Lateral Acceleration	0.00	m/s^2
Yaw Rate	0.000	°/s
Primary Circuit Pressure	0.00	PSI
Engine Speed	0.0	rpm
Accelerator Pedal Position	0.0	%
Supplier Internal Code	514	

SNAPSHOT DATA SUMMARY

VEHICLE SCAN REPORT

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

Odometer 11917.0 miles
Publication Date Jan 20, 2020, 11:33:48 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT [redacted]	ORIGINAL VI [redacted]	PART #
PCM	Powertrain Control Module	CAN-C	68416680AD	2C4RC1N	2C4RC1N77	68416680AD
ICS	Integrated Center Stack	CAN-I	6EV321X8AB	2C4RC1N	2C4RC1N77	6EV321X8AB
RFH	Radio Frequency Hub	CAN-C	68383680AB	2C4RC1N	2C4RC1N77	68383680AB
ESM	Electronic Shifter	CAN-C	68240089AL	2C4RC1N	2C4RC1N77	68240089AL
ORC	Occupant Restraint	CAN-C	68405567AB	2C4RC1N	2C4RC1N77	68405567AB
EPS	Electric Power Steering	CAN-C	68416741AA	2C4RC1N	2C4RC1N77	68416741AA
HVAC	Heat, Ventilation and A/C	CAN-I	68406613AA	2C4RC1N	2C4RC1N77	68406613AA
DDM	Driver Door Module	CAN-I	68316559AD	2C4RC1N	2C4RC1N77	68316559AD
PDM	Passenger Door Module	CAN-I	68316558AD	2C4RC1N	2C4RC1N77	68316558AD
DMRL	Door Module Rear Left	CAN-I	68225096AG	2C4RC1N	2C4RC1N77	68225096AG
DMRR	Door Module Rear Right	CAN-I	68225096AG	2C4RC1N	2C4RC1N77	68225096AG
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AB	2C4RC1N	2C4RC1N77	68369596AB
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AB	2C4RC1N	2C4RC1N77	68369596AB
MSM	Memory Seat Module	CAN-I	68321862AC	2C4RC1N	2C4RC1N77	68321862AC
PLGM	Power Liftgate	CAN-I	68316094AF	2C4RC1N	2C4RC1N77	68316094AF
AMP	Amplifier	CAN-I	68440634AA	2C4RC1N	2C4RC1N77	68440634AA
IPC	Instrument Panel Cluster	CAN-C	68405292AC	2C4RC1N	2C4RC1N77	68405292AC
PTS	Parktronics	CAN-C	68193775AJ	2C4RC1N	2C4RC1N77	68193775AJ
SCCM	Steering Column Control Module	CAN-C	68360889AB	2C4RC1N	2C4RC1N77	68360889AB
BCM	Body Controller	CAN-C	68402177AB	2C4RC1N	2C4RC1N77	68402177AB
ACC	Adaptive Cruise Control	CAN-C	04672758AA	2C4RC1N	2C4RC1N77	04672758AA
HSM	Heated Seat Module	CAN-I	68421106AA	2C4RC1N	2C4RC1N77	68421106AA

RADIO	Radio	CAN-I	68401447AB	2C4RC1	[redacted]	2C4RC1N7	68401447AB
OCM	Occupant Classification	CAN-C	68403127AA	2C4RC1N	[redacted]	2C4RC1N7	68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB	2C4RC1N	[redacted]	2C4RC1N7	68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB	2C4RC1N	[redacted]	2C4RC1N7	04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB	2C4RC1N	[redacted]	2C4RC1N7	04672786AB
FFCM	Forward Facing Camera Module	CAN-C	04672776AA	2C4RC1N	[redacted]	2C4RC1N7	04672776AA
EDM	External Disc Module	CAN-I	68378304AA	2C4RC1N	[redacted]	2C4RC1N7	68378304AA
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1N	[redacted]	2C4RC1N7	05185046AB
BPCM	Battery Pack Control Module	CAN-C	68429967AD	2C4RC1N	[redacted]	2C4RC1N7	68429967AD
HCP	Hybrid Control Processor	CAN-C	05190240AM	2C4RC1N	[redacted]	2C4RC1N7	05190240AM
OBCM	On Board Charging Module	CAN-C	05185047AD	2C4RC1N	[redacted]	2C4RC1N7	05185047AD
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC	2C4RC1N	[redacted]	2C4RC1N7	68321862AC
DSM	Display Screen Module	CAN-I	68316174AB	2C4RC1N	[redacted]	2C4RC1N7	68316174AB
VRM	Video Routing Module	CAN-I	68376134AE	2C4RC1N	[redacted]	2C4RC1N7	68376134AE
RCCC	Rear Cabin Comfort Controls	CAN-I	68395990AA	2C4RC1N	[redacted]	2C4RC1N7	68395990AA
CVPM	Central vision processing module	CAN-I	68375113AA	2C4RC1N	[redacted]	2C4RC1N7	68375113AA
EAC	Electric A/C Compressor	CAN-C	68237995AG	2C4RC1N	[redacted]	2C4RC1N7	68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05190241AM	2C4RC1N	[redacted]	2C4RC1N7	05190241AM
EBBM	Electronic Brake Booster Module	CAN-C	68240033AJ	2C4RC1N	[redacted]	2C4RC1N7	68240033AJ
ABSO	Anti Lock Brakes OBD	CAN-C	68352786AA	2C4RC1N	[redacted]	2C4RC1N7	68352786AA
SGW	Security Gateway Module	CAN-C	68420261AA		[redacted]	2C4RC1N7	68420261AA

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	VARIANT	VERSION	ISO CODE	CVNS
PCM	USA	1B 47	91 04 01	44	59		6A4A921C
ICS	USA	0F 0C 00	11 16 00	47	00		
RFH	USA / USA	10 17 00	12 08 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	11 1E 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		FEDBFE12
HCP	USA	11 1D 07	12 20 01	40	04		6C36848E 5412B2DD 31B4913E
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		BBFD096B
ABSO	USA	0E 15 02	11 0B 16	42	01		A1B31723
SGW		5	564	41	02		

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
PCM	U140A	Implausible Right Front Wheel Speed Signal Received	Active
PCM	U1409	Implausible Left Front Wheel Speed Signal Received	Active
HVAC	B10EB-00	Blower Power Module-	Stored
PTS	U0415-00	Invalid Data Received from Anti-Lock Brake System (ABS) Control Module "A"-	Stored

ACC	C2227-00	ABS Disabled ECU-	Active
ACC	U0415-00	Invalid Data Received from Anti-Lock Brake System (ABS) Control Module "A"-	Stored
RADIO	B280B-00	NTSC Video Input-	Stored
HCP	P062C-00	Internal Control Module Vehicle Speed Performance-	Stored
HCP	P0A3F-00	Drive Motor A Position Sensor 1 Circuit-	Active
HCP	P0A43-00	Drive Motor "A" Position Sensor Circuit Intermittent-	Stored
HCP	P0C19-00	Drive Motor A Torque Delivered Performance-	Stored
HCP	P1B03-00	Resolver Signal / MCPA Rationality-	Stored
HCP	P1B0F-00	Drive Motor A Position Sensor Offset Incorrect-	Pending
HCP	P215B-00	Vehicle Speed - Output Shaft Speed Correlation-	Stored
HCP	P26C3-00	Internal Control Module Electronic Shifter Performance-	Stored
HCP	U0415-00	Invalid Data Received from Anti-Lock Brake System (ABS) Control Module "A"-	Stored
HCP	U1852-00	Implausible Data Received from ABS on D-PT-	Stored
VRM	B15AE-00	Lost Low Voltage Differential Signal (LVDS) Connection with Media Port 2-	Stored
VRM	B15AD-00	Lost Low Voltage Differential Signal (LVDS) Connection with Media Port 1-	Stored
VRM	B15AB-00	Lost Low Voltage Differential Signal (LVDS) Connection with Display 2-	Stored
VRM	B15AA-00	Lost Low Voltage Differential Signal (LVDS) Connection with Display 1-	Stored
CVPM	U0266-00	Lost Communication with Left Camera-	Stored
CVPM	B23C6-92	Left Camera-Performance or Incorrect Operation	Stored
ABSO	C0501-00	Left Front Wheel Speed Sensor "A" Range/Performance-	Stored
ABSO	C0507-00	Right Front Wheel Speed Sensor "A" Range/Performance-	Stored

ENVIRONMENTAL DATA SUMMARY

PCM | U140A | ACTIVE | IMPLAUSIBLE RIGHT FRONT WHEEL SPEED SIGNAL RECEIVED

NAME	VALUE	UNITS
DTC Storage State	Active	
Warning Indicator Request State	On	
DTC Readiness Flag	Not Complete	
DTC	D4 0A	
Odometer	11906.5	miles
Accumulation Timer	29	minutes
Number of DTC	1	
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	

PCM | U1409 | ACTIVE | IMPLAUSIBLE LEFT FRONT WHEEL SPEED SIGNAL RECEIVED

NAME	VALUE	UNITS
DTC	D4 09	
DTC Storage State	Active	
Warning Indicator Request State	On	
DTC Readiness Flag	Not Complete	

Odometer	11906.5	miles
Accumulation Timer	29	minutes
Starts Since Set Counter	0	
Number of DTC	1	
Ignition Key Cycles	0	
Key Cycles Since DTC Last Set Counter	0	
Good Trip Counter	0	
Warm Up Cycles	0	

HVAC | B10EB-00 | STORED | BLOWER POWER MODULE-

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Test Not Completed This Operation Cycle	False	
Pending DTC	False	
Original Odometer Value	11910	miles
Frequency Counter	1	
Ignition Cycle Counter	14	
Most Recent Odometer Value	11910	miles

PTS | U0415-00 | STORED | INVALID DATA RECEIVED FROM ANTI-LOCK BRAKE SYSTEM (ABS) CONTROL MODULE "A"-

NAME	VALUE	UNITS
DTC	C4 15 00	
Test Failed	False	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	03	
Occurrence flag	Occurrence	
Most Recent Odometer Value	11910	miles
Frequency Counter	1	
Original Odometer Value	0	miles
DC/DC Converter Voltage	01	Volt

ACC | C2227-00 | ACTIVE | ABS DISABLED ECU-

NAME	VALUE	UNITS
Test Failed This Operation Cycle	False	
Pending DTC	True	
Test Failed	True	
Confirmed DTC	True	
Test Not Completed This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Test Failed Since Last Clear	False	
PRNDL Status	N range	
Original Odometer Value	11910	miles
Most Recent Odometer Value	11910	miles
Frequency Counter	1	
Operation Cycle Counter	0	
ACC Set Speed	0	MPH
Object of Interest Distance	830	FEET
Engine RPM	0	rpm
Vehicle Speed	7	MPH
Ignition Voltage	12.0	
System Voltage	12.1	Volts
Engine Torque Request	SNA	Ft-Lbs

ACC | U0415-00 | STORED | INVALID DATA RECEIVED FROM ANTI-LOCK BRAKE SYSTEM (ABS) CONTROL MODULE "A"-

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed This Operation Cycle	False	
Test Failed Since Last Clear	False	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
PRNDL Status	N range	
Original Odometer Value	11910	miles
Frequency Counter	1	
Most Recent Odometer Value	11910	miles
Operation Cycle Counter	0	
Engine RPM	0	rpm
ACC Set Speed	0	MPH
Vehicle Speed	6	MPH
Object of Interest Distance	830	FEET
System Voltage	12.1	Volts

Ignition Voltage	12.0	
Engine Torque Request	SNA	Ft-Lbs

RADIO | B280B-00 | STORED | NTSC VIDEO INPUT-

NAME	VALUE	UNITS
DTCTable	A8 0B 00	
Pending DTC	False	
Warning Indicator Requested	False	
DTCExtendedDataRecordNumber	FF	
Confirmed DTC	True	
Test Not Completed This Monitoring Cycle	False	
TestFailed	False	
TestFailedThisMonitoringCycle	False	
Reserved	Reserved	
Occurance Flag	Occurrence	
RDI $6080	60 80	
Event Counter	51	
Original Odometer Value	2237	miles
Ignition Counter	19	
Most Recent Odometer Value	2237	miles
Frequency Counter	1	

HCP | P062C-00 | STORED | INTERNAL CONTROL MODULE VEHICLE SPEED PERFORMANCE-

NAME	VALUE	UNITS
DTC	06 2C 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Confirmed DTC	True	
Pending DTC	False	
Test Not Completed Since Last Clear	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Brake Switch Status	Not Applied	
Ignition State	Reserved	
PRND Position Display	N	
Propulsion System Active	False	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
HCP System Shutdown Command	Default	
SW Build Release Version	PIMC19A1807p0_1807A_RU_H	
HCP SW Version	1807A	
EPT LOC Diag Enable	Enable LOC Diagnostic	

HV Contactor Status	Open	
APM Status	Idle	
Impact Event	False	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Hybrid System State	SNA	
PHEV Charging Status	No Charging	
Original Odometer Value	11917.0	miles
Most Recent Odometer Value	11917.0	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Real time clock	38887344	sec
RAM stamps keyOn	450	sec
Accelerator Pedal Position	0	%
RAM Stamps	154681	Min
Engine Speed	0	rpm
HV Battery SOC	57	%
Vehicle Speed	17.0683	MPH
Motor A Temp Sensor	73	°F
Motor B Temp Sensor	77	°F
Barometric Pressure	15	PSI
Internal EPS Voltage Sense A	0.000	Volts
Engine Coolant Temperature	68	°F
Internal EPS Voltage Sense B	0.000	Volts
Motor B Torque	0.000	Ft-Lbs
Motor A Torque	0.000	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Regen Torque - Motor A	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 A	-4	AMP
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Motor A - Inverter Current - phase C	0	AMP
Motor A - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor B Resolver Angle	282	Degree
Motor A Resolver Angle	Invalid Value	Degree
Electric Motor A Speed	2.5	rpm
PIM DC Link Voltage - A	5	Volts

HV Battery Voltage from BPCM	180.00	Volts
Electric Motor B Speed	0.5	rpm
PIM DC Link Voltage - B	5	Volts
Outside Air Temperature	51.8	°F
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	12.240	Volts
Battery Feed Voltage 3 Sense	12.168	Volts
Battery Feed Voltage 2 Sense	12.240	Volts
Inverter A IGBT Temperature for phase A	64	°F
Inverter A IGBT Temperature for phase B	63	°F
Inverter B IGBT Temperature for phase A	64	°F
Inverter A IGBT Temperature for phase C	64	°F
Inverter B IGBT Temperature for phase C	63	°F
Inverter B IGBT Temperature for phase B	63	°F
Distance Travelled with Light ON	43	miles
GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

HCP | P0A3F-00 | ACTIVE | DRIVE MOTOR A POSITION SENSOR 1 CIRCUIT

NAME	VALUE	UNITS
DTC	0A 3F 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Warning Indicator Requested	True	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Occurrence	
PHEV Charging Status	No Charging	
Brake Switch Status	Applied	
Ignition State	Reserved	
Propulsion System Active	True	
PRND Position Display	P	
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	Resolver Loss of Signal	

Motor B Resolver to Digital Low Level Driver Faults	No fault	
Hybrid System State	Propulsion System Active	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	On	
EPT LOC Diag Enable	Enable Limited LOC Diagnostic	
HV Contactor Status	Closed	
APM Status	Buck CV	
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	11917.0	miles
Most Recent Odometer Value	11917.0	miles
Frequency Counter	9	
Real time clock	39059832	sec
RAM stamps keyOn	240	sec
RAM Stamps	154717	Min
Engine Speed	975	rpm
Ignition Cycle Counter	0	
Accelerator Pedal Position	0	%
HV Battery SOC	55	%
Motor B Temp Sensor	48	°F
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	50	°F
Barometric Pressure	15	PSI
Engine Coolant Temperature	48	°F
Motor A Resolver Angle Offset	-9.60	Degree
Motor A Resolver Supply Voltage Value	15.75	Volts
Motor B Resolver Angle Offset	2.80	Degree
Motor B Resolver Supply Voltage Value	15.75	Volts
Battery Feed Voltage 2 Sense	13.032	Volts
Internal EPS Voltage Sense B	7.992	Volts
Actual Torque - Motor A	0.000	Ft-Lbs
Internal EPS Voltage Sense A	8.064	Volts
Actual Torque - Motor B	37.795	Ft-Lbs
Available Motor Torque - Motor A	31.895	Ft-Lbs
Available Motor Torque - Motor B	232.670	Ft-Lbs
Available Regen Torque - Motor A	-13.182	Ft-Lbs
Available Regen Torque - Motor B	-232.670	Ft-Lbs
Commanded Torque - Motor A	32.080	Ft-Lbs
Commanded Torque - Motor B	36.781	Ft-Lbs
Electric Motor A Speed	2.0	rpm
Electric Motor B Speed	0.0	rpm

Battery Feed Voltage 1 Sense	13.032	Volts
Battery Feed Voltage 3 Sense	12.960	Volts
Motor A - Inverter Current - phase A	-140	AMP
Motor A - Inverter Current - phase B	120	AMP
Motor A - Inverter Current - phase C	12	AMP
Motor B - Inverter Current - phase A	16	AMP
Motor B - Inverter Current - phase B	-72	AMP
Motor B - Inverter Current - phase C	52	AMP
Motor A Resolver Angle	Invalid Value	Degree
Motor B Resolver Angle	166	Degree
Outside Air Temperature	50.0	°F
HV Battery Voltage from BPCM	352.80	Volts
PIM DC Link Voltage - B	353	Volts
PIM DC Link Voltage - A	353	Volts
Inverter A IGBT Temperature for phase A	54	°F
Inverter A IGBT Temperature for phase B	50	°F
Inverter A IGBT Temperature for phase C	52	°F
Inverter B IGBT Temperature for phase A	48	°F
Inverter B IGBT Temperature for phase B	48	°F
Inverter B IGBT Temperature for phase C	50	°F
Distance Travelled with Light ON	50	miles
Motor B Torque	37.795	Ft-Lbs
Motor A Torque	0.000	Ft-Lbs
Motor B Resolver Angle	166	Degree
HV Battery Sleep Time	2	Days
GPS Date - Year	0	Year
Motor A Resolver Angle	Invalid Value	Degree
GPS Date - Day	1	Days
GPS Date - Month	1	
UTC Time - Seconds	0	seconds
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
ECU Time - Milliseconds	0	ms

HCP | P0A43-00 | STORED | DRIVE MOTOR "A" POSITION SENSOR CIRCUIT INTERMITTENT-

NAME	VALUE	UNITS
DTC	0A 43 00	
Test Failed	False	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	

Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Ignition State	Reserved	
PRND Position Display	N	
Propulsion System Active	False	
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	Resolver Degradation of Signal	
Motor B Resolver to Digital Low Level Driver Faults	No fault	
Hybrid System State	SNA	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Open	
APM Status	Idle	
Impact Event	False	
HCP System Shutdown Command	Default	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Motor B Resolver Offset Learn Erase	not requested	
Most Recent Odometer Value	11917.0	miles
Original Odometer Value	11362.5	miles
Frequency Counter	24	
Ignition Cycle Counter	0	
RAM stamps keyOn	855	sec
Real time clock	39060696	sec
RAM Stamps	154731	Min
Accelerator Pedal Position	0	%
Engine Speed	0	rpm
HV Battery SOC	55	%
Vehicle Speed	0.0000	MPH
Motor B Temp Sensor	50	°F
Motor A Temp Sensor	54	°F
Engine Coolant Temperature	48	°F
Barometric Pressure	15	PSI
Motor A Resolver Angle Offset	-9.60	Degree
Motor A Resolver Supply Voltage Value	15.75	Volts
Motor B Resolver Angle Offset	3.60	Degree
Motor B Resolver Supply Voltage Value	15.75	Volts
Battery Feed Voltage 2 Sense	12.096	Volts
Actual Torque - Motor B	0.000	Ft-Lbs

Internal EPS Voltage Sense B	0.000	Volts
Actual Torque - Motor A	0.000	Ft-Lbs
Internal EPS Voltage Sense A	0.000	Volts
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Motor Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Electric Motor A Speed	1.0	rpm
Electric Motor B Speed	0.5	rpm
Commanded Torque - Motor B	0.000	Ft-Lbs
Battery Feed Voltage 1 Sense	12.096	Volts
Battery Feed Voltage 3 Sense	12.096	Volts
Motor A - Inverter Current - phase A	0	AMP
Motor A - Inverter Current - phase B	0	AMP
Motor A - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor B - Inverter Current - phase B	-4	AMP
Motor A Resolver Angle	Invalid Value	Degree
Motor B - Inverter Current - phase C	0	AMP
Motor B Resolver Angle	214	Degree
Outside Air Temperature	50.0	°F
HV Battery Voltage from BPCM	180.00	Volts
PIM DC Link Voltage - B	7	Volts
PIM DC Link Voltage - A	7	Volts
Inverter A IGBT Temperature for phase A	73	°F
Inverter A IGBT Temperature for phase B	77	°F
Inverter B IGBT Temperature for phase A	72	°F
Inverter A IGBT Temperature for phase C	75	°F
Inverter B IGBT Temperature for phase B	73	°F
Inverter B IGBT Temperature for phase C	70	°F
Distance Travelled with Light ON	50	miles
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
HV Battery Sleep Time	0	Days
Motor A Resolver Angle	Invalid Value	Degree
Motor B Resolver Angle	214	Degree
GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

HCP | P0C19-00 | STORED | DRIVE MOTOR A TORQUE DELIVERED PERFORMANCE-

NAME	VALUE	UNITS
Test Failed	False	
DTC	0C 19 00	
Test Failed This Operation Cycle	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
PHEV Charging Status	No Charging	
Brake Switch Status	Applied	
PRND Position Display	P	
Ignition State	Ignition Lock	
Propulsion System Active	False	
Motor A Phase U Thermal Shutdown Fault - High-Side	False	
Motor A Phase U Short Fault - High-Side	False	
Motor A Phase U Cross Conduction Fault - High-Side	False	
Motor A Phase U Over Current Fault - High-Side	False	
Motor A Phase U Thermal Warning Fault - High-Side	False	
Motor A Phase U Comm Error High Voltage Regulator Fault - High-Side	False	
Motor A Phase U Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor A Phase U Short Fault - Low-Side	False	
Motor A Phase U Over Current Fault - Low-Side	False	
Motor A Phase U SPI Error Fault - High-Side	False	
Motor A Phase U Hardware Error Fault - High-Side	False	
Motor A Phase U Cross Conduction Fault - Low-Side	False	
Motor A Phase U Thermal Shutdown Fault - Low-Side	False	
Motor A Phase U Thermal Warning Fault - Low-Side	False	
Motor A Phase U SPI Error Fault - Low-Side	False	
Motor A Phase V Short Fault - High-Side	False	
Motor A Phase V Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor A Phase V Thermal Warning Fault - High-Side	False	
Motor A Phase V Cross Conduction Fault - High-Side	False	
Motor A Phase V SPI Error Fault - High-Side	False	
Motor A Phase V Hardware Error Fault - High-Side	False	
Motor A Phase U Hardware Error Fault - Low-Side	False	
Motor A Phase V Over Current Fault - High-Side	False	
Motor A Phase V Comm Error High Voltage Regulator Fault - High-Side	False	
Motor A Phase V Thermal Shutdown Fault - High-Side	False	
Motor A Phase V Cross Conduction Fault - Low-Side	False	
Motor A Phase V Over Current Fault - Low-Side	False	

Motor A Phase V Short Fault - Low-Side	False	
Motor A Phase V Thermal Warning Fault - Low-Side	False	
Motor A Phase W Short Fault - High-Side	False	
Motor A Phase V Thermal Shutdown Fault - Low-Side	False	
Motor A Phase V Hardware Error Fault - Low-Side	False	
Motor A Phase W Over Current Fault - High-Side	False	
Motor A Phase W Thermal Warning Fault - High-Side	False	
Motor A Phase W Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor A Phase V SPI Error Fault - Low-Side	False	
Motor A Phase W Thermal Shutdown Fault - High-Side	False	
Motor A Phase W SPI Error Fault - High-Side	False	
Motor A Phase W Hardware Error Fault - High-Side	False	
Motor A Phase W Thermal Shutdown Fault - Low-Side	False	
Motor A Phase W Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor A Phase W Short Fault - Low-Side	False	
Motor A Phase W Cross Conduction Fault - Low-Side	False	
Motor A Phase W Over Current Fault - Low-Side	False	
Motor A Phase W Thermal Warning Fault - Low-Side	False	
Motor A Phase W SPI Error Fault - Low-Side	False	
Motor A Phase W Hardware Error Fault - Low-Side	False	
Hybrid System State	SNA	
HV Contactor Status	Open	
Inverter B Status Feedback	Active Discharge	
EPT LOC Diag Enable	Enable Limited LOC Diagnostic	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
Impact Event	False	
HCP System Shutdown Command	Default	
APM Status	Idle	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Commanded Inverter A State	Active Discharge	
Motor A Phase U Under Voltage Fault VH - High-Side	False	
Motor A Phase U Over Voltage Fault VH - High-Side	False	
Inverter Status Feedback	Active Discharge	
Motor A Phase U Under Voltage Fault VL - High-Side	False	
Motor A Phase U Over Voltage Fault VDD - High-Side	False	
Motor A Phase U Under Voltage Fault VDD - High-Side	False	
Motor A Phase U Over Voltage Fault VH - Low-Side	False	
Motor A Phase U Under Voltage Fault VH - Low-Side	False	
Motor A Phase U Over Voltage Fault VL - High-Side	False	
Motor A Phase U Over Voltage Fault VL - Low-Side	False	
Motor A Phase U Under Voltage Fault VDD - Low-Side	False	
Motor A Phase U Under Voltage Fault VL - Low-Side	False	

Motor A Phase U Over Voltage Fault VDD - Low-Side	False	
Motor A Phase U Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor A Phase U Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor A Phase V Over Voltage Fault VL - High-Side	False	
Motor A Phase V Over Voltage Fault VH - High-Side	False	
Motor A Phase V Under Voltage Fault VH - High-Side	False	
Motor A Phase V Under Voltage Fault VL - High-Side	False	
Motor A Phase V Over Voltage Fault VDD - High-SideSide	False	
Motor A Phase V Under Voltage Fault VDD - High-Side	False	
Motor A Phase V Over Voltage Fault VH - Low-Side	False	
Motor A Phase V Under Voltage Fault VH - Low-Side	False	
Motor A Phase V Over Voltage Fault VDD - Low-Side	False	
Motor A Phase V Over Voltage Fault VL - Low-Side	False	
Motor A Phase V Under Voltage Fault VL - Low-Side	False	
Motor A Phase W Over Voltage Fault VH - High-Side	False	
Motor A Phase V Under Voltage Fault VDD - Low-Side	False	
Motor A Phase V Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor A Phase V Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor A Phase W Cross Conduction Fault - High-Side	False	
Motor A Phase W Under Voltage Fault VL - High-Side	False	
Motor A Phase W Under Voltage Fault VH - High-Side	False	
Motor A Phase W Over Voltage Fault VL - High-Side	False	
Motor A Phase W Over Voltage Fault VDD - High-Side	False	
Motor A Phase W Comm Error High Voltage Regulator Fault - High-Side	False	
Motor A Phase W Under Voltage Fault VDD - High-Side	False	
Motor A Phase W Over Voltage Fault VH - Low-Side	False	
Motor A Phase W Under Voltage Fault VH - Low-Side	False	
Motor A Phase W Over Voltage Fault VL - Low-Side	False	
Motor A Phase W Under Voltage Fault VL - Low-Side	False	
Motor A Phase W Over Voltage Fault VDD - Low-Side	False	
Motor A Phase W Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor A Phase W Under Voltage Fault VDD - Low-Side	False	
Inverter A Status Feedback	Active Discharge	
Ignition Cycle Counter	0	
Most Recent Odometer Value	11917.0	miles
Original Odometer Value	11917.0	miles
RAM stamps keyOn	30	sec
Frequency Counter	9	
Real time clock	38888928	sec
HV Battery SOC	56	%
Accelerator Pedal Position	0	%
Engine Coolant Temperature	66	°F
Engine Speed	0	rpm
Actual Torque - Motor A	0.000	Ft-Lbs

RAM Stamps	154707	Min
Barometric Pressure	15	PSI
Vehicle Speed	0.0000	MPH
Electric Motor A Speed	3.5	rpm
Available Motor Torque - Motor A	69.782	Ft-Lbs
Motor A - Inverter Current - phase B	-4	AMP
Motor A - Inverter Current - phase C	0	AMP
Motor A - Inverter Current - phase A	-4	AMP
Inverter A Input DC Current	0.0	AMP
Internal EPS Voltage Sense A	8.064	Volts
Motor A Resolver Supply Voltage Value	15.75	Volts
Battery Feed Voltage 3 Sense	12.168	Volts
Battery Feed Voltage 2 Sense	12.240	Volts
Internal EPS Voltage Sense B	7.992	Volts
Low Temp Active Pump Speed	0	rpm
PIM DC Link Voltage - A	304	Volts
Passive Pump Coolant Temp In Sensor	61	°F
High Temp Aux Pump - Actual Speed	0	rpm
Outside Air Temperature	53.6	°F
PIM DC Link Voltage - B	304	Volts
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Battery Feed Voltage 1 Sense	12.240	Volts
Commanded Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor A	-69.782	Ft-Lbs
Motor B - Inverter Current - phase B	-4	AMP
Available Motor Torque - Motor B	232.301	Ft-Lbs
Motor B Resolver Angle	226	Degree
Motor B - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor A Resolver Angle	Invalid Value	Degree
Motor B Temp Sensor	73	°F
Electric Motor B Speed	0.0	rpm
Inverter A IGBT Temperature for phase B	61	°F
Inverter A IGBT Temperature for phase C	63	°F
Inverter B IGBT Temperature for phase C	61	°F
Inverter B IGBT Temperature for phase B	61	°F
Inverter A IGBT Temperature for phase A	61	°F
Inverter B IGBT Temperature for phase A	61	°F
Distance Travelled with Light ON	50	miles
Motor A Temp Sensor	70	°F
HV Battery Voltage from BPCM	305.00	Volts
Motor B Torque	0.000	Ft-Lbs

HV Battery Sleep Time	0	Days
Motor A Torque	0.000	Ft-Lbs
Motor A Resolver Angle	Invalid Value	Degree
GPS Date - Day	1	Days
GPS Date - Year	0	Year
Motor A Temp Sensor	70	°F
GPS Date - Month	1	
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

HCP | P1B03-00 | STORED | RESOLVER SIGNAL / MCPA RATIONALITY-

NAME	VALUE	UNITS
DTC	1B 03 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	
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Ignition State	Reserved	
Propulsion System Active	False	
PRND Position Display	N	
Motor A Resolver Offset Learn Erase	not requested	
Motor B Resolver Offset Learning Status Flag	Applied	
Motor A Resolver Offset Learning Status Flag	Applied	
Motor A Resolver to Digital Low Level Driver Faults	Resolver Loss of Signal	
Motor B Resolver to Digital Low Level Driver Faults	No fault	
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	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	

Motor B Resolver Offset Learn Erase	not requested	
Most Recent Odometer Value	11917.0	miles
Original Odometer Value	11917.0	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Real time clock	38876296	sec
RAM Stamps	154657	Min
Accelerator Pedal Position	0	%
RAM stamps keyOn	915	sec
Engine Speed	0	rpm
HV Battery SOC	60	%
Vehicle Speed	72.8266	MPH
Motor B Temp Sensor	138	°F
Motor A Temp Sensor	136	°F
Barometric Pressure	15	PSI
Motor B Resolver Angle Offset	3.20	Degree
Engine Coolant Temperature	97	°F
Motor A Resolver Angle Offset	3.60	Degree
Motor A Resolver Supply Voltage Value	15.75	Volts
Motor B Resolver Supply Voltage Value	15.75	Volts
Actual Torque - Motor A	0.000	Ft-Lbs
Battery Feed Voltage 2 Sense	12.672	Volts
Internal EPS Voltage Sense B	0.000	Volts
Internal EPS Voltage Sense A	0.072	Volts
Available Motor Torque - Motor B	58.997	Ft-Lbs
Available Motor Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	-14.104	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor B	-58.997	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Electric Motor A Speed	-9596.0	rpm
Electric Motor B Speed	8020.0	rpm
Battery Feed Voltage 1 Sense	12.672	Volts
Battery Feed Voltage 3 Sense	12.600	Volts
Motor A - Inverter Current - phase A	-116	AMP
Motor A - Inverter Current - phase B	-12	AMP
Motor A - Inverter Current - phase C	120	AMP
Motor B - Inverter Current - phase A	144	AMP
Motor B - Inverter Current - phase B	72	AMP
Motor A Resolver Angle	Invalid Value	Degree
Motor B - Inverter Current - phase C	-220	AMP
Motor B Resolver Angle	230	Degree
Outside Air Temperature	42.8	°F

HV Battery Voltage from BPCM	180.00	Volts
PIM DC Link Voltage - A	3	Volts
PIM DC Link Voltage - B	4	Volts
Inverter A IGBT Temperature for phase A	61	°F
Inverter A IGBT Temperature for phase B	61	°F
Inverter A IGBT Temperature for phase C	63	°F
Inverter B IGBT Temperature for phase A	64	°F
Inverter B IGBT Temperature for phase B	63	°F
Inverter B IGBT Temperature for phase C	63	°F
Distance Travelled with Light ON	40	miles
Motor B Torque	-14.104	Ft-Lbs
Motor A Torque	0.000	Ft-Lbs
HV Battery Sleep Time	0	Days
Motor B Resolver Angle	230	Degree
Motor A Resolver Angle	Invalid Value	Degree
GPS Date - Year	0	Year
UTC Time - Hours	0	Hours
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

HCP | P1B0F-00 | PENDING | DRIVE MOTOR A POSITION SENSOR OFFSET INCORRECT-

NAME	VALUE	UNITS
DTC	1B 0F 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	False	
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		
Brake Switch Status		
PHEV Charging Status		
Propulsion System Active		
PRND Position Display		
Ignition State		
Motor A Resolver Offset Learn Erase		
Motor B Resolver Offset Learning Status Flag		
Motor A Resolver Offset Learning Status Flag		
Motor A Resolver to Digital Low Level Driver Faults		

Motor B Resolver to Digital Low Level Driver Faults		
Hybrid System State		
HCP ePT Wake-Up Output		
CBC Wake-Up Input		
EPT LOC Diag Enable		
HV Contactor Status		
APM Status		
Impact Event		
HCP System Shutdown Command		
OBCM Operating Mode		
J1772 Prox Detected State		
Motor B Resolver Offset Learn Erase		
Most Recent Odometer Value		miles
Ignition Cycle Counter		
Original Odometer Value		miles
Real time clock		sec
Frequency Counter		
RAM stamps keyOn		sec
RAM Stamps		Min
Engine Speed		rpm
Accelerator Pedal Position		%
HV Battery SOC		%
Vehicle Speed		MPH
Motor B Temp Sensor		°F
Motor A Temp Sensor		°F
Engine Coolant Temperature		°F
Motor A Resolver Angle Offset		Degree
Barometric Pressure		PSI
Motor A Resolver Supply Voltage Value		Volts
Motor B Resolver Angle Offset		Degree
Motor B Resolver Supply Voltage Value		Volts
Internal EPS Voltage Sense B		Volts
Battery Feed Voltage 2 Sense		Volts
Internal EPS Voltage Sense A		Volts
Actual Torque - Motor A		Ft-Lbs
Actual Torque - Motor B		Ft-Lbs
Available Motor Torque - Motor B		Ft-Lbs
Available Motor Torque - Motor A		Ft-Lbs
Available Regen Torque - Motor A		Ft-Lbs
Available Regen Torque - Motor B		Ft-Lbs
Commanded Torque - Motor A		Ft-Lbs
Electric Motor B Speed		rpm
Electric Motor A Speed		rpm
Commanded Torque - Motor B		Ft-Lbs

Battery Feed Voltage 1 Sense		Volts
Battery Feed Voltage 3 Sense		Volts
Motor A - Inverter Current - phase A		AMP
Motor A - Inverter Current - phase B		AMP
Motor A - Inverter Current - phase C		AMP
Motor B - Inverter Current - phase A		AMP
Motor B - Inverter Current - phase B		AMP
Motor B - Inverter Current - phase C		AMP
Motor A Resolver Angle		Degree
Motor B Resolver Angle		Degree
Outside Air Temperature		°F
HV Battery Voltage from BPCM		Volts
PIM DC Link Voltage - A		Volts
Inverter A IGBT Temperature for phase A		°F
PIM DC Link Voltage - B		Volts
Inverter A IGBT Temperature for phase B		°F
Inverter A IGBT Temperature for phase C		°F
Inverter B IGBT Temperature for phase A		°F
Inverter B IGBT Temperature for phase B		°F
Distance Travelled with Light ON		miles
Motor B Torque		Ft-Lbs
Motor A Torque		Ft-Lbs
Inverter B IGBT Temperature for phase C		°F
HV Battery Sleep Time		Days
Motor A Resolver Angle		Degree
Motor B Resolver Angle		Degree
GPS Date - Year		Year
GPS Date - Month		
GPS Date - Day		Days
UTC Time - Minutes		
UTC Time - Hours		Hours
ECU Time - Milliseconds		ms
UTC Time - Seconds		seconds

HCP | P215B-00 | STORED | VEHICLE SPEED - OUTPUT SHAFT SPEED CORRELATION-

NAME	VALUE	UNITS
DTC	21 5B 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	True	
Occurrence flag	Occurrence	
Brake Switch Status	Not Applied	
Ignition State	Reserved	
PRND Position Display	N	
Propulsion System Active	False	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
HCP System Shutdown Command	Default	
SW Build Release Version	PIMC19A1807p0_1807A_RU_H	
HCP SW Version	1807A	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Open	
APM Status	Idle	
Impact Event	False	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Hybrid System State	SNA	
PHEV Charging Status	No Charging	
Original Odometer Value	11917.0	miles
Most Recent Odometer Value	11917.0	miles
Frequency Counter	5	
Ignition Cycle Counter	0	
Real time clock	38887916	sec
RAM stamps keyOn	1020	sec
RAM Stamps	154690	Min
Engine Speed	0	rpm
HV Battery SOC	56	%
Accelerator Pedal Position	0	%
Vehicle Speed	7.1797	MPH
Motor A Temp Sensor	72	°F
Barometric Pressure	15	PSI
Engine Coolant Temperature	68	°F
Internal EPS Voltage Sense A	0.000	Volts
Motor B Temp Sensor	75	°F
Internal EPS Voltage Sense B	0.000	Volts
Motor B Torque	0.000	Ft-Lbs
Motor A Torque	0.000	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor B	232.393	Ft-Lbs
Available Regen Torque - Motor B	-232.393	Ft-Lbs

Commanded Torque - Motor A	0.000	Ft-Lbs
Motor A - Inverter Current - phase A	-4	AMP
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor A - Inverter Current - phase C	0	AMP
Motor A - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor B - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase C	0	AMP
Motor B Resolver Angle	248	Degree
Motor A Resolver Angle	Invalid Value	Degree
Electric Motor A Speed	3.0	rpm
Electric Motor B Speed	0.5	rpm
PIM DC Link Voltage - B	5	Volts
PIM DC Link Voltage - A	5	Volts
HV Battery Voltage from BPCM	180.00	Volts
Outside Air Temperature	53.6	°F
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	11.808	Volts
Battery Feed Voltage 2 Sense	11.880	Volts
Battery Feed Voltage 3 Sense	11.736	Volts
Inverter A IGBT Temperature for phase B	57	°F
Inverter A IGBT Temperature for phase C	57	°F
Inverter A IGBT Temperature for phase A	57	°F
Inverter B IGBT Temperature for phase A	57	°F
Inverter B IGBT Temperature for phase B	57	°F
Inverter B IGBT Temperature for phase C	57	°F
Distance Travelled with Light ON	50	miles
GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Minutes	0	
UTC Time - Hours	0	Hours
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

HCP | P26C3-00 | STORED | INTERNAL CONTROL MODULE ELECTRONIC SHIFTER PERFORMANCE-

NAME	VALUE	UNITS
DTC	26 C3 00	
Confirmed DTC	True	
Test Failed	False	
Pending DTC	False	
Test Not Completed Since Last Clear	False	
Occurrence flag	Occurrence	
Test Not Completed This Operation Cycle	False	

Warning Indicator Requested	True	
Test Failed This Operation Cycle	False	
Test Failed Since Last Clear	True	
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Ignition State	Reserved	
PRND Position Display	P	
Shift Lock Status	Unlocked	
Propulsion System Active	False	
PRND Blink	Initialization	
Reverse Shift Lock Status	Unlocked	
Auto Correction Request	APCM On	
Park Pawl Motor Direction	Out of Park/Move Towards Disengage	
Park Pawl Motor Enable Feedback	Disabled	
Park Pawl Status Feedback	Engaged	
Park Gated Switch	In Park	
Failure Reasons for Level 2 eShift	Reserved	
Hybrid System State	SNA	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Open	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	On	
APM Status	Idle	
Impact Event	False	
HCP System Shutdown Command	Default	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Original Odometer Value	11917.0	miles
Ignition Cycle Counter	0	
Most Recent Odometer Value	11917.0	miles
Accelerator Pedal Position	0	%
RAM Stamps	154706	Min
Engine Speed	0	rpm
RAM stamps keyOn	1965	sec
HV Battery SOC	56	%
Vehicle Speed	0.0000	MPH
Real time clock	38888860	sec
Frequency Counter	1	
PP Actuator Position Sensor Voltage	3.90	Volts
Barometric Pressure	15	PSI
Engine Coolant Temperature	66	°F
Park Pawl Motor PWM1	0	%
Park Pawl Motor Current	0.1	AMP
Park Pawl Motor Counts	389	Counts

Internal EPS Voltage Sense A	0.000	Volts
Battery Feed Voltage 3 Sense	11.592	Volts
Internal EPS Voltage Sense B	0.000	Volts
Battery Feed Voltage 2 Sense	11.664	Volts
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Motor Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Motor A - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase C	0	AMP
Commanded Torque - Motor A	0.000	Ft-Lbs
Motor A - Inverter Current - phase B	-4	AMP
Battery Feed Voltage 1 Sense	11.664	Volts
Motor B Resolver Angle	304	Degree
Motor B - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase A	-4	AMP
HV Battery Voltage from BPCM	180.00	Volts
Motor B - Inverter Current - phase C	0	AMP
Motor A Resolver Angle	Invalid Value	Degree
Motor B Temp Sensor	73	°F
Motor A Temp Sensor	70	°F
Outside Air Temperature	53.6	°F
PIM DC Link Voltage - B	5	Volts
Inverter A IGBT Temperature for phase A	61	°F
PIM DC Link Voltage - A	5	Volts
Inverter A IGBT Temperature for phase C	61	°F
Inverter A IGBT Temperature for phase B	61	°F
Electric Motor B Speed	0.0	rpm
Inverter B IGBT Temperature for phase A	61	°F
Inverter B IGBT Temperature for phase C	61	°F
Inverter B IGBT Temperature for phase B	61	°F
Distance Travelled with Light ON	50	miles
Motor B Torque	0.000	Ft-Lbs
Motor A Torque	0.000	Ft-Lbs
GPS Date - Month	1	
UTC Time - Minutes	0	
HV Battery Sleep Time	0	Days
GPS Date - Year	0	Year
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Seconds	0	seconds

Electric Motor A Speed	3.0	rpm
ECU Time - Milliseconds	0	ms

HCP | U0415-00 | STORED | INVALID DATA RECEIVED FROM ANTI-LOCK BRAKE SYSTEM (ABS) CONTROL MODULE "A"-

NAME	VALUE	UNITS
DTC	C4 15 00	
Test Failed	False	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Test Not Completed Since Last Clear	False	
Confirmed DTC	True	
Test Failed Since Last Clear	True	
Warning Indicator Requested	True	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Occurrence	
Brake Switch Status	Applied	
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	False	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	On	
HCP System Shutdown Command	Default	
SW Build Release Version	PIMC19A1807p0_1807A_RU_H	
HCP SW Version	1807A	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Open	
APM Status	Idle	
Impact Event	False	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Hybrid System State	SNA	
PHEV Charging Status	No Charging	
Original Odometer Value	11917.0	miles
Most Recent Odometer Value	11917.0	miles
Frequency Counter	6	
Ignition Cycle Counter	0	
Real time clock	39059848	sec
RAM stamps keyOn	15	sec
RAM Stamps	154717	Min
Accelerator Pedal Position	0	%
Engine Speed	0	rpm
HV Battery SOC	55	%
Motor A Temp Sensor	52	°F
Vehicle Speed	0.0000	MPH

Motor B Temp Sensor	48	°F
Barometric Pressure	15	PSI
Engine Coolant Temperature	48	°F
Internal EPS Voltage Sense A	1.296	Volts
Internal EPS Voltage Sense B	0.072	Volts
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Motor A - Inverter Current - phase B	0	AMP
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor A - Inverter Current - phase A	-4	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase B	0	AMP
Electric Motor A Speed	2.0	rpm
Motor B Resolver Angle	136	Degree
Motor A Resolver Angle	Invalid Value	Degree
PIM DC Link Voltage - B	5	Volts
Electric Motor B Speed	0.0	rpm
PIM DC Link Voltage - A	4	Volts
HV Battery Voltage from BPCM	180.00	Volts
Outside Air Temperature	50.0	°F
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	12.096	Volts
Battery Feed Voltage 2 Sense	12.168	Volts
Inverter A IGBT Temperature for phase A	57	°F
Battery Feed Voltage 3 Sense	12.168	Volts
Inverter B IGBT Temperature for phase A	50	°F
Inverter A IGBT Temperature for phase C	55	°F
Inverter B IGBT Temperature for phase B	52	°F
Inverter B IGBT Temperature for phase C	52	°F
Inverter A IGBT Temperature for phase B	57	°F
GPS Date - Year	0	Year
GPS Date - Month	1	
Distance Travelled with Light ON	50	miles
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 | U1852-00 | STORED | IMPLAUSIBLE DATA RECEIVED FROM ABS ON D-PT-

NAME	VALUE	UNITS
DTC	D8 52 00	
Test Failed	False	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Brake Switch Status	Applied	
Ignition State	Ignition Off/ACC	
Propulsion System Active	False	
PRND Position Display	P	
CBC Wake-Up Input	On	
HCP ePT Wake-Up Output	On	
SW Build Release Version	PIMC19A1807p0_1807A_RU_H	
HCP System Shutdown Command	Default	
HCP SW Version	1807A	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Open	
APM Status	Idle	
Impact Event	False	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Hybrid System State	SNA	
PHEV Charging Status	No Charging	
Original Odometer Value	11917.0	miles
Most Recent Odometer Value	11917.0	miles
Ignition Cycle Counter	0	
Frequency Counter	6	
Real time clock	39059848	sec
RAM stamps keyOn	15	sec
RAM Stamps	154717	Min
Accelerator Pedal Position	0	%
Engine Speed	0	rpm
HV Battery SOC	55	%
Motor A Temp Sensor	52	°F

Vehicle Speed	0.0000	MPH
Motor B Temp Sensor	48	°F
Engine Coolant Temperature	48	°F
Internal EPS Voltage Sense A	1.440	Volts
Internal EPS Voltage Sense B	0.144	Volts
Barometric Pressure	15	PSI
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor A - Inverter Current - phase A	-4	AMP
Commanded Torque - Motor A	0.000	Ft-Lbs
Motor A - Inverter Current - phase B	0	AMP
Motor A - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor B - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase C	-4	AMP
Electric Motor A Speed	2.0	rpm
Motor A Resolver Angle	Invalid Value	Degree
Motor B Resolver Angle	136	Degree
PIM DC Link Voltage - A	4	Volts
Electric Motor B Speed	0.0	rpm
PIM DC Link Voltage - B	5	Volts
HV Battery Voltage from BPCM	180.00	Volts
Outside Air Temperature	50.0	°F
HV Battery Sleep Time	0	Days
Battery Feed Voltage 2 Sense	12.168	Volts
Inverter A IGBT Temperature for phase A	57	°F
Battery Feed Voltage 3 Sense	12.168	Volts
Inverter A IGBT Temperature for phase C	55	°F
Battery Feed Voltage 1 Sense	12.168	Volts
Inverter B IGBT Temperature for phase A	50	°F
Inverter B IGBT Temperature for phase C	52	°F
Inverter B IGBT Temperature for phase B	52	°F
Inverter A IGBT Temperature for phase B	57	°F
Distance Travelled with Light ON	50	miles
GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days

UTC Time - Minutes	0	
UTC Time - Hours	0	Hours
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

VRM | B15AE-00 | STORED | LOST LOW VOLTAGE DIFFERENTIAL SIGNAL (LVDS) CONNECTION WITH MEDIA PORT 2-

NAME	VALUE	UNITS
DTC	95 AE 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	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Test Not Completed This Operation Cycle	False	
Occurrence flag	ERROR	
Original Odometer Value	11821	miles
Frequency Counter	1	
Most Recent Odometer Value	11821	miles
Ignition Cycle Counter	21	

VRM | B15AD-00 | STORED | LOST LOW VOLTAGE DIFFERENTIAL SIGNAL (LVDS) CONNECTION WITH MEDIA PORT 1-

NAME	VALUE	UNITS
DTC	95 AD 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	
Most Recent Odometer Value	11821	miles
Original Odometer Value	11821	miles
Frequency Counter	1	
Ignition Cycle Counter	21	

VRM | B15AB-00 | STORED | LOST LOW VOLTAGE DIFFERENTIAL SIGNAL (LVDS) CONNECTION WITH DISPLAY 2-

NAME	VALUE	UNITS
DTC	95 AB 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	11821	miles
Most Recent Odometer Value	11821	miles
Ignition Cycle Counter	21	
Frequency Counter	1	

VRM | B15AA-00 | STORED | LOST LOW VOLTAGE DIFFERENTIAL SIGNAL (LVDS) CONNECTION WITH DISPLAY 1-

NAME	VALUE	UNITS
DTC	95 AA 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	
DTC Extended Data Record Number - All	01	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Most Recent Odometer Value	11821	miles
Original Odometer Value	11821	miles
Frequency Counter	1	
Ignition Cycle Counter	21	

CVPM | U0266-00 | STORED | LOST COMMUNICATION WITH LEFT CAMERA-

NAME	VALUE	UNITS
DTC	C2 66 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
Pending DTC	False	
Test Not Completed This Operation Cycle	False	
Confirmed DTC	True	
Test Failed Since Last Clear	True	
Warning Indicator Requested	False	

DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
ECU Failure – Internal Voltage	Off	
ECU Failure – Internal Communication Error	Off	
ECU Failure – Video Subsystem Error	Off	
ECU Failure – ECU Memory	Off	
ECU Failure – Watchdog Error	Off	
Calibration Failure - Calibration not Executed	Off	
Calibration Failure - Calibration Data Inconsistent	Off	
Ignition Status	Ignition Status: Running	
Steering Wheel Angle Status	Steering Wheel Status: Okay	
Rear Left Door Ajar	Inactive	
Driver Door Ajar	Inactive	
Passenger Door Ajar	Inactive	
Reverse Gear	Inactive	
Rear Right Door Ajar	Inactive	
Touch Screen Status	Touch Screen Status: Not Pressed	
Liftgate Ajar	Inactive	
Touch Screen Y Coordinate	0000	
Touch Screen X Coordinate	0000	
Radio Display Status	Display Status: Off	
Most Recent Odometer Value	11543	miles
DTC Extended Data Record Number 2	2	
Frequency Counter	42	
Original Odometer Value	0	miles
Ignition Cycle Counter	38	
ECU Voltage	14.5	V
Vehicle Speed	0.000000	MPH
Battery Voltage	14.6	V
Steering Wheel Angle	9.0	Deg

CVPM | B23C6-92 | STORED | LEFT CAMERA-PERFORMANCE OR INCORRECT OPERATION

NAME	VALUE	UNITS
DTC	A3 C6 92	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed This Operation Cycle	False	
Test Failed Since Last Clear	True	
Test Not Completed Since Last Clear	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Warning Indicator Requested	False	

ECU Failure – Internal Voltage	Off	
ECU Failure – ECU Memory	Off	
ECU Failure – Video Subsystem Error	Off	
ECU Failure – Internal Communication Error	Off	
Calibration Failure - Calibration Data Inconsistent	Off	
ECU Failure – Watchdog Error	Off	
Calibration Failure - Calibration not Executed	Off	
Steering Wheel Angle Status	Steering Wheel Status: Okay	
Ignition Status	Ignition Status: Running	
Driver Door Ajar	Inactive	
Rear Left Door Ajar	Inactive	
Passenger Door Ajar	Inactive	
Rear Right Door Ajar	Inactive	
Reverse Gear	Inactive	
Touch Screen X Coordinate	0000	
Liftgate Ajar	Inactive	
Touch Screen Status	Touch Screen Status: Not Pressed	
Touch Screen Y Coordinate	0000	
Radio Display Status	Display Status: Off	
Frequency Counter	42	
Most Recent Odometer Value	11543	miles
DTC Extended Data Record Number 2	2	
Original Odometer Value	0	miles
Ignition Cycle Counter	38	
Vehicle Speed	0.000000	MPH
Steering Wheel Angle	9.0	Deg
ECU Voltage	14.5	V
Battery Voltage	14.6	V

ABSO | C0501-00 | STORED | LEFT FRONT WHEEL SPEED SENSOR "A" RANGE/PERFORMANCE-

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
DTC	45 01 00	
Pending DTC	True	
Confirmed DTC	True	
Test Failed Since Last Clear	False	
Test Not Completed Since Last Clear	False	
Occurrence flag	ERROR	
Test Not Completed This Operation Cycle	True	
Warning Indicator Requested	True	
Controller Event	No	
Mirror Memory	No	
Undervoltage Suspected	No	

Current System Mode	Ignition Run	
Previous System Mode	Ignition Run	
System Condition	OK	
Brake Pedal Status	Released	
Rotation Direction Left Front	Forward	
Rotation Direction Right Front	Forward	
Rotation Direction Left Rear	Forward	
Rotation Direction Right Rear	Forward	
ABS control	Not active	
ASR control	Not active	
MSR control	Not active	
EBV control	Not active	
ESP Control	Not active	
HSA control	Not active	
HBA control	Not active	
Hold	No	
Braking assistance system	No Assistance System Is Braking	
EPB Mode Status	Static	
Plant Mode	No	
BLS High	No	
BLS Low	Yes	
Park Brake	Not Activated	
ESP-OFF mode	No	
Clutch	Not Activated	
Stop Coordinator Active	No	
Actual Gear	N	
Transmission selector lever setting	N	
Status Parking Brake Left	Brake is Released	
EPB Switch Status	Idle	
Status Parking Brake Right	Brake is Released	
Original Odometer Value	11910	miles
Most Recent Odometer Value	11910	miles
Frequency Counter	1	
Supply Voltage Valves	12.2	V
Brake Pedal Travel Sensor Position	0	%
Ignition Unfiltered	12.2	V
Ignition Cycle Counter	0	
Wheel Speed Left Front	0.000	MPH
Supply voltage Pump	12.2	V
Wheel Speed Right Front	0.000	MPH
Fault Time	13107.00	S
Wheel Speed Right Rear	11.185	MPH
Wheel Speed Left Rear	11.185	MPH
Lateral Acceleration	0.00	m/s^2

Steering Wheel Angle	12.80	°
Yaw Rate	0.000	°/s
Longitudinal Acceleration	2.17	m/s^2
Primary Circuit Pressure	0.00	PSI
Engine Speed	0.0	rpm
Accelerator Pedal Position	0.0	%
Supplier Internal Code	501	

ABSO | C0507-00 | STORED | RIGHT FRONT WHEEL SPEED SENSOR "A" RANGE/PERFORMANCE-

NAME	VALUE	UNITS
DTC	45 07 00	
Test Failed	False	
Confirmed DTC	True	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Test Not Completed This Operation Cycle	True	
Test Failed Since Last Clear	False	
Test Not Completed Since Last Clear	False	
Warning Indicator Requested	True	
Controller Event	No	
Mirror Memory	No	
Occurrence flag	ERROR	
Undervoltage Suspected	No	
Previous System Mode	Ignition Run	
System Condition	OK	
Current System Mode	Ignition Run	
Brake Pedal Status	Released	
Rotation Direction Left Front	Forward	
Rotation Direction Right Front	Forward	
Rotation Direction Left Rear	Forward	
Rotation Direction Right Rear	Forward	
ABS control	Not active	
MSR control	Not active	
ASR control	Not active	
ESP Control	Not active	
EBV control	Not active	
HBA control	Not active	
HSA control	Not active	
Hold	No	
Braking assistance system	No Assistance System Is Braking	
Plant Mode	No	
EPB Mode Status	Static	
BLS High	No	
BLS Low	Yes	

ESP-OFF mode	No	
Park Brake	Not Activated	
Stop Coordinator Active	No	
Clutch	Not Activated	
Actual Gear	N	
Transmission selector lever setting	N	
Status Parking Brake Right	Brake is Released	
EPB Switch Status	Idle	
Status Parking Brake Left	Brake is Released	
Ignition Cycle Counter	0	
Original Odometer Value	11910	miles
Most Recent Odometer Value	11910	miles
Frequency Counter	1	
Supply voltage Pump	12.2	V
Brake Pedal Travel Sensor Position	0	%
Ignition Unfiltered	12.2	V
Supply Voltage Valves	12.2	V
Wheel Speed Left Front	0.000	MPH
Wheel Speed Right Front	0.000	MPH
Fault Time	13107.00	S
Wheel Speed Left Rear	11.185	MPH
Steering Wheel Angle	12.80	°
Wheel Speed Right Rear	11.185	MPH
Longitudinal Acceleration	2.17	m/s^2
Lateral Acceleration	0.00	m/s^2
Yaw Rate	0.000	°/s
Primary Circuit Pressure	0.00	PSI
Engine Speed	0.0	rpm
Accelerator Pedal Position	0.0	%
Supplier Internal Code	514	

SNAPSHOT DATA SUMMARY