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VEHICLE SCAN REPORT

Vehicle 2019 CHRYSLER PACIFICA (PHEV) 3.6L V6 PHEV HYBRID ENGINE
VIN 2C4RC1N74K [REDACTED]

Odometer 42008.7 miles
Publication Date Aug 22, 2022, 2:55:39 PM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
PCM	Powertrain Control Module	CAN-C	68416680AF	2C4RC1N74	[REDACTED]	68416680AF
ICS	Integrated Center Stack	CAN-I	6EV321X8AB	2C4RC1N74	2C4RC1N74K	6EV321X8AB
RFH	Radio Frequency Hub	CAN-C	68383680AB	2C4RC1N74	2C4RC1N74K	68383680AB
ESM	Electronic Shifter	CAN-C	68240089AL	2C4RC1N74	2C4RC1N74K	68240089AL
ORC	Occupant Restraint	CAN-C	68405567AB	2C4RC1N74	2C4RC1N74K	68405567AB
EPS	Electric Power Steering	CAN-C	68416741AA	2C4RC1N74	2C4RC1N74K	68416741AA
HVAC	Heat, Ventilation and A/C	CAN-I	68406613AA	2C4RC1N74	2C4RC1N74K	68406613AA
DDM	Driver Door Module	CAN-I	68316559AD	2C4RC1N74	2C4RC1N74K	68316559AD
PDM	Passenger Door Module	CAN-I	68316558AD	2C4RC1N74	2C4RC1N74K	68316558AD
DMRL	Door Module Rear Left	CAN-I	68225096AG	2C4RC1N74	2C4RC1N74K	68225096AG
DMRR	Door Module Rear Right	CAN-I	68225096AG	2C4RC1N74	2C4RC1N74K	68225096AG
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AB	2C4RC1N74	2C4RC1N74K	68369596AB
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AB	2C4RC1N74	2C4RC1N74K	68369596AB
MSM	Memory Seat Module	CAN-I	68321862AC	2C4RC1N74	2C4RC1N74K	68321862AC
PLGM	Power Liftgate	CAN-I	68316094AF	2C4RC1N74	2C4RC1N74K	68316094AF
AMP	Amplifier	CAN-I	68440634AA	2C4RC1N74	2C4RC1N74K	68440634AA
IPC	Instrument Panel Cluster	CAN-C	68405292AC	2C4RC1N74	2C4RC1N74K	68405292AC
PTS	Parktronics	CAN-C	68193775AJ	2C4RC1N74	2C4RC1N74K	68193775AJ
SCCM	Steering Column Control Module	CAN-C	68360889AB	2C4RC1N74	2C4RC1N74K	68360889AB
BCM	Body Controller	CAN-C	68402177AB	2C4RC1N74	2C4RC1N74K	68402177AB
ACC	Adaptive Cruise Control	CAN-C	04672758AA	2C4RC1N74	2C4RC1N74K	04672758AA

HSM	Heated Seat Module	CAN-I	68421106AA	2C4RC1N7		2C4RC1N74KF	68421106AA
RADIO	Radio	CAN-I	68401447AB	2C4RC1		2C4RC1N74KF	68401447AB
OCM	Occupant Classification	CAN-C	68403127AA	2C4RC1N7		2C4RC1N74KF	68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB	2C4RC1N7		2C4RC1N74KF	68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB	2C4RC1N7		2C4RC1N74KF	04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB	2C4RC1N7		2C4RC1N74KF	04672786AB
FFCM	Forward Facing Camera Module	CAN-C	04672776AA	2C4RC1N7		2C4RC1N74KF	04672776AA
EDM	External Disc Module	CAN-I	68378304AA	2C4RC1N7		2C4RC1N74KF	68378304AA
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1N7		2C4RC1N74KF	05185046AB
BPCM	Battery Pack Control Module	CAN-C	68429967AD	2C4RC1N7		2C4RC1N74KF	68429967AD
HCP	Hybrid Control Processor	CAN-C	05190240AQ	2C4RC1N7		2C4RC1N74KF	05190240AQ
OBCM	On Board Charging Module	CAN-C	05185047AD	2C4RC1N7		2C4RC1N74KF	05185047AD
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC	2C4RC1N7		2C4RC1N74KF	68321862AC
DSM	Display Screen Module	CAN-I	68316174AB	2C4RC1N7		2C4RC1N74KF	68316174AB
VRM	Video Routing Module	CAN-I	68376134AE	2C4RC1N7		2C4RC1N74KF	68376134AE
RCCC	Rear Cabin Comfort Controls	CAN-I	68395990AA	2C4RC1N7		2C4RC1N74KF	68395990AA
CVPM	Central vision processing module	CAN-I	68375113AB	2C4RC1N7		2C4RC1N74KF	68375113AB
EAC	Electric A/C Compressor	CAN-C	68237995AG	2C4RC1N7		2C4RC1N74KF	68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05190241AQ	2C4RC1N7		2C4RC1N74KF	05190241AQ
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB	2C4RC1N7		2C4RC1N74KF	68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68283578AD	2C4RC1N7		2C4RC1N74KF	68283578AD
SGW	Security Gateway Module	CAN-C	68420261AA			2C4RC1N74KF	68420261AA

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	SERIAL NUMBER	CVNS
PCM	USA	1B 47	46 03 01	4419		
ICS	USA	0F 0C 00	11 16 00	4700		
RFH	USA / USA	10 17 00	12 08 00	4A00		
ESM	USA / USA	0F 24 00	12 02 FF	4402		
ORC	USA / USA	11 1F 00	11 27 00	4301		
EPS	USA / USA	12 02 03	11 15 01	4502		
HVAC	USA	0E 09 00	11 29 01	4401		

DDM	USA / USA	11 30 00	17 42 00	4102
PDM	USA	11 30 00	17 42 00	4102
DMRL	USA / USA	10 0B 00	12 0C 00	4201
DMRR	USA / USA	10 0B 00	12 0C 00	4201
PSDML	USA / USA	10 17 00	11 2D 10	4001
PSDMR	USA / USA	10 17 00	11 2D 10	4001
MSM	USA	0F 2B 00	10 27 03	4101
PLGM	USA	17 19 00	18 22 00	4202
AMP	USA	0F 05 01	12 1A 01	4021
IPC	USA / USA	12 0A 00	12 10 00	4704
PTS	USA	0E 32 00	12 1F 00	4311
SCCM	USA	0E 30 00	10 2B 00	4301
BCM	USA	0D 11 00	12 0B 90	4415
ACC	USA / USA	12 0E 00	11 0D 00	4201
HSM	USA / USA	15 12 00	12 05 01	4003
RADIO	USA	12 21 24	12 21 24	8205
OCM	USA / USA	11 1F 01	0E 2F 02	4030
HVACR	USA	0E 09 00	10 03 02	4301
LBSS	USA / USA	11 30 02	12 0D 00	4202
RBSS	USA / USA	11 30 02	12 0D 00	4202
FFCM	USA / USA	11 06 00	11 2B 00	4102
EDM	USA	12 0A 00	11 08 00	4000
APM	USA / USA	11 32 00	11 32 00	4001
BPCM		0E 03 00	12 07 04	4005
HCP	USA	11 1D 07	14 08 01	4005
OBCM	USA	0F 0D 00	11 2B 00	4002
MSMP	USA	0F 2B 00	10 27 03	4001
DSM	USA / USA	11 16 00	11 15 00	4000
VRM	USA / USA	0F 1C 00	11 32 13	4001
RCCC	USA	0F 1D 00	11 16 00	4000
CVPM	USA / USA	11 32 01	12 33 00	4003
EAC	USA	0E 34 00	12 0F 00	4102
AHCP	USA	11 1D 07	14 08 01	4000
EBBM	USA	0E 19 02	14 0D 18	4000
ABSO	USA	0E 15 02	14 13 17	4201
SGW		5	564	4102

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
PCM	P16FA	Engine Disabled, No Immobilizer Signal from HCP	Active
PCM	U1817	Lost Communication With Hybrid Powertrain Control Module on D-PT	Active
PCM	U11C2	Implausible/Missing Transmission Message	Active
PCM	P0113	Intake Air Temperature Sensor 1 Circuit High	Pending
PCM	U0111	Lost Communication With Battery Energy Control Module	Stored

ICS	B210D-16	Battery Voltage Low-Circuit Voltage Below Threshold	Stored
ICS	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
RFH	B2199-17	Battery Voltage-Circuit Voltage Above Threshold	Stored
RFH	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
RFH	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
RFH	U0293-00	Lost Communication with Hybrid Control Module "A"-	Stored
ESM	P1C8B-17	Battery Voltage-Circuit Voltage Above Threshold	Stored
ESM	P1C8B-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
ESM	P1C8C-16	System Voltage-Circuit Voltage Below Threshold	Stored
ESM	U1817-00	Lost Communication With Hybrid Powertrain Control Module on D-PT-	Stored
ESM	U0293-00	Lost Communication with Hybrid Control Module "A"-	Stored
ORC	B210A-00	System Voltage Low-	Stored
ORC	U0154-00	Lost Communication With Occupant Classification Module-	Stored
EPS	C2129-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
EPS	C212A-84	System Voltage-Signal Below Allowable Range	Stored
EPS	U0101-00	Lost Communication with TCM-	Stored
EPS	U0293-00	Lost Communication with Hybrid Control Module "A"-	Stored
HVAC	B210D-84	Battery Voltage Low-Signal Below Allowable Range	Stored
HVAC	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
HVAC	U0422-00	Implausible Data Received From Body Control Module-	Stored
DDM	B2860-15	Door Ambient Light Control-Circuit Short to Battery or Open	Active
DDM	B210C-16	Battery Voltage Input-Circuit Voltage Below Threshold	Stored
DDM	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
PDM	B2860-15	Door Ambient Light Control-Circuit Short to Battery or Open	Active
PDM	B210C-16	Battery Voltage Input-Circuit Voltage Below Threshold	Stored
PDM	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
DMRL	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
DMRL	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
DMRR	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
DMRR	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
PSDML	U0422-00	Implausible Data Received From Body Control Module-	Stored
PSDMR	U0422-00	Implausible Data Received From Body Control Module-	Stored
MSM	B210D-21	Battery Voltage Low-Signal Amplitude < Minimum	Stored
MSM	B210A-84	System Voltage Low-Signal Below Allowable Range	Stored
MSM	B233C-00	Commanded Position Not Reachable-	Stored
PLGM	B195F-12	Power Liftgate Chime Control-Circuit Short to Battery	Active
PLGM	B21DD-16	System Voltage-Circuit Voltage Below Threshold	Stored
PLGM	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
AMP	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
AMP	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
AMP	B143B-12	ANC Microphone 1-Circuit Short to Battery	Stored
AMP	B143C-12	ANC Microphone 2-Circuit Short to Battery	Stored
AMP	B143E-12	ANC Microphone 3-Circuit Short to Battery	Stored
AMP	B143F-12	ANC Microphone 4-Circuit Short to Battery	Stored

IPC	U0293-00	Lost Communication with Hybrid Control Module "A"-	Stored
IPC	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
IPC	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
PTS	U0415-00	Invalid Data Received from Anti-Lock Brake System (ABS) Control Module "A"-	Active
PTS	U0293-00	Lost Communication with Hybrid Control Module "A"-	Stored
PTS	U0121-00	Lost Communication With Anti-Lock Brake System (ABS) Control Module "A"-	Stored
PTS	B21DD-16	System Voltage-Circuit Voltage Below Threshold	Stored
PTS	B210C-16	Battery Voltage Input-Circuit Voltage Below Threshold	Stored
SCCM	C212A-16	System Voltage-Circuit Voltage Below Threshold	Stored
BCM	U0293-00	Lost Communication with Hybrid Control Module "A"-	Stored
BCM	U151A-87	Hybrid Control Processor Secret Code-Missing Message	Active
ACC	C2129-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
ACC	C2227-00	ABS Disabled ECU-	Active
ACC	U148D-00	Implausible Data Received from Forward Facing Camera-	Stored
ACC	U0293-00	Lost Communication with Hybrid Control Module "A"-	Stored
ACC	U1215-00	Lost Communication with Forward Facing Camera-	Stored
HSM	B11C1-13	Steering Wheel Heater Power Supply Circuit-Circuit Open	Stored
HSM	B210C-18	Battery Voltage Input-Under Current	Stored
HSM	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
RADIO	U0002-00	CAN C Bus Off Performance-	Active
RADIO	B210A-16	System Voltage Low-Circuit Voltage Below Threshold	Active
RADIO	B280B-00	NTSC Video Input-	Active
RADIO	B156F-00	WiFi Antenna-	Active
OCM	B210A-00	System Voltage Low-	Stored
HVACR	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
HVACR	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
LBSS	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
LBSS	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Active
LBSS	U0422-00	Implausible Data Received From Body Control Module-	Stored
RBSS	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
RBSS	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Active
RBSS	U0422-00	Implausible Data Received From Body Control Module-	Stored
EDM	B210A-00	System Voltage Low-	Stored
BPCM	P0A0A-00	High Voltage System Interlock Circuit "A"-	Stored
HCP	P0513-00	Invalid SKIM Key-	Active
HCP	P062C-00	Internal Control Module Vehicle Speed Performance-	Active
HCP	P0A3F-00	Drive Motor A Position Sensor 1 Circuit-	Active
HCP	P0A43-00	Drive Motor "A" Position Sensor Circuit Intermittent-	Stored
HCP	P0A44-00	Drive Motor A Position Sensor 1 Circuit Overspeed-	Active
HCP	P0A45-00	Drive Motor B Position Sensor 1 Circuit-	Active
HCP	P0A4A-00	Drive Motor B Position Sensor 1 Circuit Overspeed-	Active
HCP	P0C19-00	Drive Motor A Torque Delivered Performance-	Active
HCP	P0C1A-00	Drive Motor B Torque Delivered Performance-	Active
HCP	P1CDD-00	Hybrid/EV Wakeup Control 2 Output Circuit/Open-	Pending

HCP	P215B-00	Vehicle Speed - Output Shaft Speed Correlation-	Active
HCP	P26C3-00	Internal Control Module Electronic Shifter Performance-	Active
HCP	U0287-00	Lost Communication With Transmission Fluid Pump Module 1-	Active
HCP	U1852-00	Implausible Data Received from ABS on D-PT-	Active
OBCM	P1CDD-00	Hybrid/EV Wakeup Control 2 Output Circuit/Open-	Stored
MSMP	B210D-21	Battery Voltage Low-Signal Amplitude < Minimum	Stored
MSMP	B210A-84	System Voltage Low-Signal Below Allowable Range	Stored
DSM	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
DSM	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
VRM	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
VRM	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
RCCC	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
RCCC	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
CVPM	U0184-00	Lost Communication With Radio-	Stored
CVPM	U0485-00	Implausible Data Received From Radio-	Stored
CVPM	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
CVPM	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
CVPM	U0422-00	Implausible Data Received From Body Control Module-	Stored
EBBM	P0562-00	System Voltage Low-	Stored
EBBM	U0293-00	Lost Communication with Hybrid Control Module "A"-	Active
ABSO	U0293-00	Lost Communication with Hybrid Control Module "A"-	Active
SGW	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored

ENVIRONMENTAL DATA SUMMARY

PCM | P16FA | Active | Engine Disabled, No Immobilizer Signal from HCP

NAME	VALUE	UNITS
Number of DTC	1	
DTC	16 FA	
DTC Readiness Flag	Not Complete	
DTC Storage State	Active	
Warning Indicator Request State	Off	
Odometer	41883.4	miles
Accumulation Timer	5	minutes
Ignition Key Cycles	0	
Starts Since Set Counter	0	
Key Cycles Since DTC Last Set Counter	0	
Warm Up Cycles	0	
Good Trip Counter	0	

PCM | U1817 | Active | Lost Communication With Hybrid Powertrain Control Module on D-PT

NAME	VALUE	UNITS
Number of DTC	1	
DTC	D8 17	

DTC Readiness Flag	Not Complete	
DTC Storage State	Active	
Warning Indicator Request State	On	
Odometer	41883.4	miles
Accumulation Timer	8	minutes
Ignition Key Cycles	0	
Starts Since Set Counter	0	
Key Cycles Since DTC Last Set Counter	0	
Warm Up Cycles	0	
Good Trip Counter	0	

PCM | U11C2 | Active | Implausible/Missing Transmission Message

NAME	VALUE	UNITS
Number of DTC	1	
DTC	D1 C2	
DTC Readiness Flag	Not Complete	
DTC Storage State	Active	
Warning Indicator Request State	Off	
Odometer	41883.4	miles
Accumulation Timer	8	minutes
Ignition Key Cycles	0	
Starts Since Set Counter	0	
Key Cycles Since DTC Last Set Counter	0	
Warm Up Cycles	0	
Good Trip Counter	0	

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

NAME	VALUE	UNITS
Number of DTC	0	
DTC		
DTC Readiness Flag		
DTC Storage State		
Warning Indicator Request State		
Odometer		miles
Accumulation Timer		minutes
Ignition Key Cycles		
Starts Since Set Counter		
Key Cycles Since DTC Last Set Counter		
Warm Up Cycles		
Good Trip Counter		

PCM | U0111 | Stored | Lost Communication With Battery Energy Control Module

NAME	VALUE	UNITS
Number of DTC	0	

DTC		
DTC Readiness Flag		
DTC Storage State		
Warning Indicator Request State		
Odometer		miles
Accumulation Timer		minutes
Ignition Key Cycles		
Starts Since Set Counter		
Key Cycles Since DTC Last Set Counter		
Warm Up Cycles		
Good Trip Counter		

ICS | B210D-16 | Stored | Battery Voltage Low-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	2	

ICS | B21DD-84 | Stored | System Voltage-Signal Below Allowable Range

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	

Ignition Cycle Counter

2

RFH | B2199-17 | Stored | Battery Voltage-Circuit Voltage Above Threshold

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	True	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	1	

RFH | B2199-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	2	

RFH | B21DD-84 | Stored | System Voltage-Signal Below Allowable Range

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

Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	1	

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

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	True	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	1	

ESM | P1C8B-17 | Stored | Battery Voltage-Circuit Voltage Above Threshold

NAME	VALUE	UNITS
DTC	1C 8B 17	
Test Failed	False	
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	
Occurrence flag	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	1	
Ignition Status	Ignition Lock	
Operating Voltage	16.4	Volts

Operation Time

227024

Min

ESM | P1C8B-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
DTC	1C 8B 16	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	3	
Ignition Cycle Counter	2	
Ignition Status	Ignition Run	
Operating Voltage	10.0	Volts
Operation Time	227159	Min

ESM | P1C8C-16 | Stored | System Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
DTC	1C 8C 16	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	3	
Ignition Cycle Counter	2	
Ignition Status	Ignition Run	
Operating Voltage	10.0	Volts
Operation Time	227159	Min

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

NAME	VALUE	UNITS
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DTC	D8 17 00	
Test Failed	False	
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	
Occurrence flag	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	1	
Ignition Status	Ignition Run	
Operating Voltage	12.0	Volts
Operation Time	227036	Min

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

NAME	VALUE	UNITS
DTC	C2 93 00	
Test Failed	False	
Test Failed This Operation Cycle	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	
Occurrence flag	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	1	
Ignition Status	Ignition Run	
Operating Voltage	12.0	Volts
Operation Time	227036	Min

ORC | B210A-00 | Stored | System Voltage Low-

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	

Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Operation Cycle Counter	1	
DTC Extended Data Record Number - All	FF	

ORC | U0154-00 | Stored | Lost Communication With Occupant Classification Module-

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Operation Cycle Counter	1	
DTC Extended Data Record Number - All	FF	

EPS | C2129-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
DTC	61 29 16	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	1	

Supplier Internal Fault Code	00 B1 00	
EPS Internal Filtered Vehicle Speed	0.000	MPH
EPS Internal Steering Wheel Angle (Sign convention is positive angle towards left steering lock)	-24.08	Deg
EPS Steering Wheel Velocity	-0.00	deg/s
EPS System Current Draw	1	A
EPS Measured Module Voltage	9.92	V
EPS Steering Wheel Torque	0.0576	Ft-Lbs
EPS Measured Module Temperature	79.0	°F
CAN Battery Voltage	9.9	Volts

EPS | C212A-84 | Stored | System Voltage-Signal Below Allowable Range

NAME	VALUE	UNITS
DTC	61 2A 84	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	1	
Supplier Internal Fault Code	01 4E 01	
EPS Internal Filtered Vehicle Speed	0.000	MPH
EPS Internal Steering Wheel Angle (Sign convention is positive angle towards left steering lock)	-24.08	Deg
EPS Steering Wheel Velocity	-0.00	deg/s
EPS System Current Draw	1	A
EPS Measured Module Voltage	9.94	V
EPS Steering Wheel Torque	0.0576	Ft-Lbs
EPS Measured Module Temperature	79.0	°F
CAN Battery Voltage	9.9	Volts

EPS | U0101-00 | Stored | Lost Communication with TCM-

NAME	VALUE	UNITS
DTC	C1 01 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	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	1	
Supplier Internal Fault Code	01 A9 01	
EPS Internal Filtered Vehicle Speed	0.000	MPH
EPS Internal Steering Wheel Angle (Sign convention is positive angle towards left steering lock)	-23.95	Deg
EPS Steering Wheel Velocity	-0.00	deg/s
EPS System Current Draw	0	A
EPS Measured Module Voltage	12.04	V
EPS Steering Wheel Torque	0.0634	Ft-Lbs
EPS Measured Module Temperature	77.6	°F
CAN Battery Voltage	12.1	Volts

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

NAME	VALUE	UNITS
DTC	C2 93 00	
Test Failed	False	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	1	
Supplier Internal Fault Code	01 E0 01	
EPS Internal Filtered Vehicle Speed	0.000	MPH
EPS Internal Steering Wheel Angle (Sign convention is positive angle towards left steering lock)	-23.95	Deg
EPS Steering Wheel Velocity	-0.00	deg/s
EPS System Current Draw	0	A
EPS Measured Module Voltage	12.05	V
EPS Steering Wheel Torque	0.0576	Ft-Lbs
EPS Measured Module Temperature	77.6	°F
CAN Battery Voltage	12.1	Volts

HVAC | B210D-84 | Stored | Battery Voltage Low-Signal Below Allowable Range

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	1	

HVAC | B21DD-84 | Stored | System Voltage-Signal Below Allowable Range

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	1	

HVAC | U0422-00 | Stored | Implausible Data Received From Body Control Module-

NAME	VALUE	UNITS
Test Failed	False	
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	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles

Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	1	

DDM | B2860-15 | Active | Door Ambient Light Control-Circuit Short to Battery or Open

NAME	VALUE	UNITS
Test Failed	True	
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	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Operation Cycle Counter	0	

DDM | B210C-16 | Stored | Battery Voltage Input-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Operation Cycle Counter	2	

DDM | B21DD-84 | Stored | System Voltage-Signal Below Allowable Range

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	

Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Operation Cycle Counter	2	

PDM | B2860-15 | Active | Door Ambient Light Control-Circuit Short to Battery or Open

NAME	VALUE	UNITS
Test Failed	True	
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	
Frequency Counter	1	
Operation Cycle Counter	0	
Most Recent Odometer Value	42005	miles
Original Odometer Value	42005	miles

PDM | B210C-16 | Stored | Battery Voltage Input-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Frequency Counter	1	
Operation Cycle Counter	2	
Most Recent Odometer Value	42005	miles
Original Odometer Value	42005	miles

PDM | B21DD-84 | Stored | System Voltage-Signal Below Allowable Range

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Frequency Counter	1	
Operation Cycle Counter	2	
Most Recent Odometer Value	42005	miles
Original Odometer Value	42005	miles

DMRL | B2199-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	2	

DMRL | B21DD-84 | Stored | System Voltage-Signal Below Allowable Range

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

DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	2	

DMRR | B2199-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	2	

DMRR | B21DD-84 | Stored | System Voltage-Signal Below Allowable Range

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	2	

PSDML | U0422-00 | Stored | Implausible Data Received From Body Control Module-

NAME	VALUE	UNITS
Test Failed	False	

Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	FF	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	1	

PSDMR | U0422-00 | Stored | Implausible Data Received From Body Control Module-

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	FF	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	1	

MSM | B210D-21 | Stored | Battery Voltage Low-Signal Amplitude < Minimum

NAME	VALUE	UNITS
DTC	A1 0D 21	
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	Occurrence	

Original Odometer Value	41945	miles
Most Recent Odometer Value	41945	miles
Frequency Counter	1	
Ignition Cycle Counter	1	
DTC Extended Data Record Number	11	
Calibration Version	03 09 00 01	
Front Hard Stop - Current	32997	Counts
Rear Hard Stop - Current	32214	Counts
Learned Seat Travel - Current	783	Counts
Default Seat travel length	780	Counts
Destandardization Reason	Diagnostics	
Front Hard Stop - Pre-destandardization	Not Learned	Counts
Rear Hard Stop - Pre-destandardization	Not Learned	Counts
Learned Seat Travel - Pre-destandardization	Not Learned	Counts
Front Hard Stop - Post-destandardization	32997	Counts
Rear Hard Stop - Post-destandardization	32214	Counts
Learned Seat Travel - Post-destandardization	783	Counts
ECU Voltage	1.572	Volts
Number of ECU hard resets since latest calibration	111	Counts
Vertical Front motor sensor - Short to ground	False	
Vertical Rear motor sensor - Short to ground	False	
Vertical Front motor sensor - Short to battery or open	False	
Vertical Rear motor sensor - Short to battery or open	False	
Horizontal motor sensor - Short to ground	False	
Horizontal motor sensor - Short to battery or open	False	
Recliner motor sensor - Short to ground	False	
Recliner motor sensor - Short to battery or open	False	
Position Horizontal Adjustment	32424	Counts
Position Vertical Rear	33445	Counts
Position Recliner	32212	Counts
Position Vertical Front	32827	Counts
Movement Direction - Horizontal Motor	Motor not moving	
Movement Direction - Recliner Motor	Motor not moving	
Movement Direction - Vertical Front Motor	Motor not moving	
Movement Direction - Vertical Rear Motor	Motor not moving	
ECU configuration - Vehicle Line	RU	
ECU configuration - Adjustable Pedals	False	
ECU configuration - Telescope/Tilt	False	
ECU configuration - Memory Seat	True	
ECU configuration - Stow n Assist	True	

MSM | B210A-84 | Stored | System Voltage Low-Signal Below Allowable Range

NAME	VALUE	UNITS
DTC	A1 0A 84	

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	Occurrence	
Original Odometer Value	41945	miles
Most Recent Odometer Value	41945	miles
Frequency Counter	1	
Ignition Cycle Counter	1	
DTC Extended Data Record Number	0F	
Calibration Version	03 09 00 01	
Front Hard Stop - Current	32997	Counts
Rear Hard Stop - Current	32214	Counts
Learned Seat Travel - Current	783	Counts
Default Seat travel length	780	Counts
Destandardization Reason	Diagnostics	
Front Hard Stop - Pre-destandardization	Not Learned	Counts
Rear Hard Stop - Pre-destandardization	Not Learned	Counts
Learned Seat Travel - Pre-destandardization	Not Learned	Counts
Front Hard Stop - Post-destandardization	32997	Counts
Rear Hard Stop - Post-destandardization	32214	Counts
Learned Seat Travel - Post-destandardization	783	Counts
ECU Voltage	1.753	Volts
Number of ECU hard resets since latest calibration	111	Counts
Vertical Front motor sensor - Short to ground	False	
Vertical Rear motor sensor - Short to ground	False	
Vertical Front motor sensor - Short to battery or open	False	
Vertical Rear motor sensor - Short to battery or open	False	
Horizontal motor sensor - Short to ground	False	
Horizontal motor sensor - Short to battery or open	False	
Recliner motor sensor - Short to ground	False	
Recliner motor sensor - Short to battery or open	False	
Position Horizontal Adjustment	32424	Counts
Position Vertical Rear	33445	Counts
Position Recliner	32212	Counts
Position Vertical Front	32827	Counts
Movement Direction - Horizontal Motor	Motor not moving	
Movement Direction - Recliner Motor	Motor not moving	
Movement Direction - Vertical Front Motor	Motor not moving	

Movement Direction - Vertical Rear Motor	Motor not moving	
ECU configuration - Vehicle Line	RU	
ECU configuration - Adjustable Pedals	False	
ECU configuration - Telescope/Tilt	False	
ECU configuration - Memory Seat	True	
ECU configuration - Stow n Assist	True	

MSM | B233C-00 | Stored | Commanded Position Not Reachable-

NAME	VALUE	UNITS
Failed Movement Information - Horizontal Motor	Movement aborted by operator	
Failed Movement Information - Recliner Motor	No Failed Movement	
Failed Movement Information - Vertical Front Motor	No Failed Movement	
Failed Movement Information - Vertical Rear Motor	No Failed Movement	
Obstacle Detection Location - Horizontal Motor	No Obstacle Detected	Counts
Horizontal Motor Position - end of movement	32346	Counts
Recliner Motor Position - end of movement	32212	Counts
Vertical Front Motor Position - end of movement	32827	Counts
Vertical Rear Motor Position - end of movement	33445	Counts
Horizontal Motor Position - start of movement	32244	Counts
Recliner Motor Position - start of movement	32212	Counts
Vertical Front Motor Position - start of movement	32827	Counts
Vertical Rear Motor Position - start of movement	33445	Counts
ECU Voltage - at start of movement	2F82	Volts
ECU Voltage - minimum voltage during movement	2DDA	Volts
Movement Direction - Recliner Motor	Motor not moving	
Movement Direction - Horizontal Motor	Forward / Up	
Movement Direction - Vertical Front Motor	Motor not moving	
Movement Direction - Vertical Rear Motor	Motor not moving	

PLGM | B195F-12 | Active | Power Liftgate Chime Control-Circuit Short to Battery

NAME	VALUE	UNITS
Test Failed	True	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Original Odometer Value	41647	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	182	
Operation Cycle Counter	0	

PLGM | B21DD-16 | Stored | System Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	2	
Operation Cycle Counter	0	

PLGM | B2199-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	3	
Operation Cycle Counter	0	

AMP | B2199-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

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

Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	2	
Ignition Cycle Counter	2	

AMP | B21DD-84 | Stored | System Voltage-Signal Below Allowable Range

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	2	

AMP | B143B-12 | Stored | ANC Microphone 1-Circuit Short to Battery

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	2	

AMP | B143C-12 | Stored | ANC Microphone 2-Circuit Short to Battery

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	

Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	2	

AMP | B143E-12 | Stored | ANC Microphone 3-Circuit Short to Battery

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	2	

AMP | B143F-12 | Stored | ANC Microphone 4-Circuit Short to Battery

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	

Ignition Cycle Counter

2

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

NAME	VALUE	UNITS
Test Failed	False	
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	FF	
Occurrence flag	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	2	
Ignition Cycle Counter	0	

IPC | B2199-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	FF	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	0	

IPC | B21DD-84 | Stored | System Voltage-Signal Below Allowable Range

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

Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	FF	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	0	

PTS | U0415-00 | Active | Invalid Data Received from Anti-Lock Brake System (ABS) Control Module "A"-

NAME	VALUE	UNITS
DTC	C4 15 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	03	
Occurrence flag	Occurrence	
Original Odometer Value	0	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	2	
DC/DC Converter Voltage	01	Volt

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

NAME	VALUE	UNITS
DTC	C2 93 00	
Test Failed	False	
Test Failed This Operation Cycle	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	ERROR	
Original Odometer Value	0	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
DC/DC Converter Voltage	01	Volt

PTS | U0121-00 | Stored | Lost Communication With Anti-Lock Brake System (ABS) Control Module "A"-

NAME	VALUE	UNITS
DTC	C1 21 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	03	
Occurrence flag	Occurrence	
Original Odometer Value	0	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
DC/DC Converter Voltage	01	Volt

PTS | B21DD-16 | Stored | System Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
DTC	A1 DD 16	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	03	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
DC/DC Converter Voltage	01	Volt

PTS | B210C-16 | Stored | Battery Voltage Input-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
DTC	A1 0C 16	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	

Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	03	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
DC/DC Converter Voltage	01	Volt

SCCM | C212A-16 | Stored | System Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
DTC	61 2A 16	
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	21485	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	2	
Ignition Cycle Counter	2	
DTC Extended Data Record Number - 2	02	
Ignition Status	Ignition Run	
Operating Voltage	9.9	Volts
Sub-Faults Saved	00 00	
Sub-Faults Active	00 01	

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

NAME	VALUE	UNITS
Test Failed	False	
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	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	1	

BCM | U151A-87 | Active | Hybrid Control Processor Secret Code-Missing Message

NAME	VALUE	UNITS
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	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	0	

ACC | C2129-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Operation Cycle Counter	1	
Vehicle Speed	0	MPH
Engine RPM	0	rpm
ACC Set Speed	0	MPH
Object of Interest Distance	830	FEET
Engine Torque Request	SNA	Ft-Lbs
PRNDL Status	P range	

Ignition Voltage	9.0	
System Voltage	9.1	Volts

ACC | C2227-00 | Active | ABS Disabled ECU-

NAME	VALUE	UNITS
Test Failed	True	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	2	
Operation Cycle Counter	0	
Vehicle Speed	0	MPH
Engine RPM	0	rpm
ACC Set Speed	0	MPH
Object of Interest Distance	830	FEET
Engine Torque Request	SNA	Ft-Lbs
PRNDL Status	P range	
Ignition Voltage	12.0	
System Voltage	12.1	Volts

ACC | U148D-00 | Stored | Implausible Data Received from Forward Facing Camera-

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	255	
Operation Cycle Counter	0	
Vehicle Speed	0	MPH
Engine RPM	0	rpm

ACC Set Speed	0	MPH
Object of Interest Distance	830	FEET
Engine Torque Request	SNA	Ft-Lbs
PRNDL Status	P range	
Ignition Voltage	5.7	
System Voltage	5.9	Volts

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

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Operation Cycle Counter	0	
Vehicle Speed	0	MPH
Engine RPM	0	rpm
ACC Set Speed	0	MPH
Object of Interest Distance	830	FEET
Engine Torque Request	SNA	Ft-Lbs
PRNDL Status	P range	
Ignition Voltage	11.9	
System Voltage	12.1	Volts

ACC | U1215-00 | Stored | Lost Communication with Forward Facing Camera-

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles

Frequency Counter	6	
Operation Cycle Counter	1	
Vehicle Speed	0	MPH
Engine RPM	0	rpm
ACC Set Speed	0	MPH
Object of Interest Distance	830	FEET
Engine Torque Request	SNA	Ft-Lbs
PRNDL Status	P range	
Ignition Voltage	5.7	
System Voltage	5.9	Volts

HSM | B11C1-13 | Stored | Steering Wheel Heater Power Supply Circuit-Circuit Open

NAME	VALUE	UNITS
DTC	91 C1 13	
DTC Extended Data Record Number - All	01	
Confirmed DTC	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Frequency Counter	1	
Test Not Completed Since Last Clear	False	
Occurrence flag	ERROR	
Operation Cycle Counter	1	
Most Recent Odometer Value	205838	miles
Pending DTC	False	
Test Failed Since Last Clear	True	
Test Failed	False	
Test Failed This Operation Cycle	False	
Original Odometer Value	205838	miles

HSM | B210C-18 | Stored | Battery Voltage Input-Under Current

NAME	VALUE	UNITS
DTC	A1 0C 18	
DTC Extended Data Record Number - All	01	
Confirmed DTC	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Frequency Counter	1	
Test Not Completed Since Last Clear	False	
Occurrence flag	Occurrence	
Operation Cycle Counter	1	
Most Recent Odometer Value	205838	miles
Pending DTC	False	
Test Failed Since Last Clear	True	
Test Failed	False	

Test Failed This Operation Cycle	False	
Original Odometer Value	205838	miles

HSM | B21DD-84 | Stored | System Voltage-Signal Below Allowable Range

NAME	VALUE	UNITS
DTC	A1 DD 84	
DTC Extended Data Record Number - All	01	
Confirmed DTC	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Frequency Counter	1	
Test Not Completed Since Last Clear	False	
Occurrence flag	Occurrence	
Operation Cycle Counter	1	
Most Recent Odometer Value	205838	miles
Pending DTC	False	
Test Failed Since Last Clear	True	
Test Failed	False	
Test Failed This Operation Cycle	False	
Original Odometer Value	205838	miles

RADIO | U0002-00 | Active | CAN C Bus Off Performance-

NAME	VALUE	UNITS
DTCTable	C0 02 00	
TestFailed	True	
TestFailedThisMonitoringCycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed This Monitoring Cycle	False	
Warning Indicator Requested	False	
DTCEXtendedDataRecordNumber	FF	
Occurance Flag	Occurrence	
Reserved	Reserved	
Original Odometer Value	41905	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	3	
Ignition Counter	0	
RDI \$6080	60 80	
Event Counter	61	

RADIO | B210A-16 | Active | System Voltage Low-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
DTCTable	A1 0A 16	
TestFailed	True	

TestFailedThisMonitoringCycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed This Monitoring Cycle	False	
Warning Indicator Requested	False	
DTCExtendedDataRecordNumber	FF	
Occurance Flag	Occurrence	
Reserved	Reserved	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	2	
Ignition Counter	0	
RDI \$6080	60 80	
Event Counter	64	

RADIO | B280B-00 | Active | NTSC Video Input-

NAME	VALUE	UNITS
DTCTable	A8 0B 00	
TestFailed	True	
TestFailedThisMonitoringCycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed This Monitoring Cycle	False	
Warning Indicator Requested	False	
DTCExtendedDataRecordNumber	FF	
Occurance Flag	Occurrence	
Reserved	Reserved	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Counter	0	
RDI \$6080	60 80	
Event Counter	64	

RADIO | B156F-00 | Active | WiFi Antenna-

NAME	VALUE	UNITS
DTCTable	95 6F 00	
TestFailed	True	
TestFailedThisMonitoringCycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed This Monitoring Cycle	False	
Warning Indicator Requested	False	
DTCExtendedDataRecordNumber	FF	

Occurance Flag	Occurrence	
Reserved	Reserved	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Counter	0	
RDI \$6080	60 80	
Event Counter	64	

OCM | B210A-00 | Stored | System Voltage Low-

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	2	
Ignition Cycle Counter	2	

HVACR | B2199-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	2	

HVACR | B21DD-84 | Stored | System Voltage-Signal Below Allowable Range

NAME	VALUE	UNITS
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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	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	2	

LBSS | B21DD-84 | Stored | System Voltage-Signal Below Allowable Range

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Operation Cycle Counter	1	

LBSS | B2199-16 | Active | Battery Voltage-Circuit Voltage Below Threshold

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

Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Operation Cycle Counter	0	

LBSS | U0422-00 | Stored | Implausible Data Received From Body Control Module-

NAME	VALUE	UNITS
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	01	
Occurrence flag	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Operation Cycle Counter	1	

RBSS | B21DD-84 | Stored | System Voltage-Signal Below Allowable Range

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Operation Cycle Counter	1	

RBSS | B2199-16 | Active | Battery Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
Test Failed	True	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	

Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	True	
Warning Indicator Requested	True	
DTC Extended Data Record Number - All	01	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Operation Cycle Counter	0	

RBSS | U0422-00 | Stored | Implausible Data Received From Body Control Module-

NAME	VALUE	UNITS
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	01	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Operation Cycle Counter	1	

EDM | B210A-00 | Stored | System Voltage Low-

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	1	

BPCM | P0A0A-00 | Stored | High Voltage System Interlock Circuit "A"-

NAME	VALUE	UNITS
DTC	0A 0A 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	
Occurrence flag	ERROR	
Original Odometer Value	0	miles
Most Recent Odometer Value	0	miles
Frequency Counter	1	
Ignition Cycle Counter	1	
FoM - for this DTC (lifetime fails)	17	events
FoM - for this DTC (lifetime fails counts on pass)	34.1600	seconds
FoM - for this DTC (lifetime longest fail on pass)	0.100	seconds
Battery Total Time Awake	119528648	seconds
Key in Ignition	Key_Def	
Key Position	Ign_Run	
EPT -WakeUp	Sourced	
HCP Contactor Command	Impact Open	
Qualified Contactor Command - QCC	Open	
Verified Contactor Command - VCC	Invalid	
Contactor Status	Open	
Plug in Status	Not plugged in	
ChargingLevel	Plug in, but no charge	
Balance Mode	False	
Battery in Periodic wake up (Just battery) at time of Fault	False	
Battery in Periodic wake up (Wake up vehicle) at time of Fault	False	
Vehicle mileage at time of fault (ODO signal in \$3D2)	0.00	miles
Battery Lifetime Miles	7.15	miles
Vehicle Speed	0.0	MPH
System (12) Volts at time of fault	13.085	Volts
Battery Lifetime AmpHrs of Charge	0.0	AHr
Battery Lifetime AmpHrs of DisCharge	0.0	AHr
SOC at time of Fault	0.0	%
Power Up SOC at time of Fault	0.0	%
HVIL Status -Vehicle	Not Sourced	
HVIL Status - Battery pack	PASS	
HVIL PWM Duty Cycle - Vehicle	0.0	%
HVIL PWM Frequency - Vehicle	0.0	Hz
HVIL PWM peak voltage Sourced - Vehicle	13.451	Volts

HVIL PWM peak voltage Sensed - Vehicle	0.305	Volts
HVIL Source Voltage- Battery	1.377	Volts
HVIL Returned current - Battery	30.40	mA
HV Battery Current Sensor 1 Hall High	-1.05	Amps
HV Battery Current Sensor 2 Hall Low	-0.05	Amps
HV Battery Current HVBatCrnt	0.00	Amps
HV Cooling Speed Pump 1 Target	725	rpm
HV Cooling Speed pump 1 Speed	725	rpm
Charge indicator Temp	81	°F
BPCM temperature max	-40	°F
BPCM temperature min	-40	°F
Pump - Wire Open\Short to Gnd	PASS	
Pump - Dry Run Detection	PASS	
Pump - Overcurrent	PASS	
Pump - Overtemperature	PASS	
Pump - Switch Power Shorted	PASS	
Isolation Circuitry Va	2.498	Volts
Isolation Circuitry Vb	2.501	Volts
Isolation Circuitry Vd	0.000	Volts
WC and Circuitry 2.5V Reference Voltage	2.501	Volts
WC and Circuitry Vcc Voltage	5.009	Volts
WC and CircuitryISO 8V Reference Voltage	8.000	Volts
WC and Circuitry Weld Contactor Sensor G (Pack Negative) Voltage	0.0	Volts
CVTN COMP ERR H	Normal	
CVTN COMP ERR L	Normal	
CVTN COMP FLT H	Normal	
CVTN COMP FLT L	Latched	
CVTN EDGE ERR H	Normal	
CVTN EDGE ERR L	Normal	
CVTN ABORT H	Normal	
CVTN ABORT L	Normal	
CVTN CRC FAULT H	Normal	
CVTN CRC FAULT L	Normal	
CVTN FRAM ERR	Normal	
CVTN STOP ERR	Normal	
CVTN STK FAULT ERR	Latched	
CVTN SYS RESET	Normal	
CVTN COMM TIMEOUT	Normal	
CVTN VDIG WAKE FAULT	Normal	
CVTN INT TEMP FAULT	Normal	
CVTN VDIG FAULT	Normal	
CVTN VM FAULT	Normal	
CVTN VP FAULT	Normal	
CVTN VP CLAMP	Normal	

CVTN FACT CKSUM ERR	Normal	
CVTN ANALOG FAULT ERR	Normal	
CVTN HREF FAULT	SNA	
CVTN HREF GND FAULT	Normal	
CVTN ADC CAL ERR	Active	
CVTN CUST ECC COR	Normal	
CVTN CUST ECC ERR	SNA	
CVTN FACT ECC COR	SNA	
CVTN ACT ECC ERR	SNA	
Cycles left to self heal	40	No Unit
Fault trigger level 1	False	
Fault trigger level 2	False	
Fault trigger level 3	False	
Fault Path	01	
HV Battery Charge Power 2sec	0	watts
HV Battery Charge Power 10sec	0	watts
HV Battery Discharge Power 2sec	0	watts
HV Battery Discharge Power 10sec	0	watts
HV Battery Power	007530	watts
Key - DriveRdy (CAN)	False	
Battery Lifetime Number Of Closes	12377	
Battery Full AmpHr Capacity	0	AmpHrs
Cell Impedance Max Discharge	0	mOhms
Cell Impedance Mim Discharge	0	mOhms
Battery Cell Voltage Maximum	0	mV
Battery Cell Voltage Minimum	34464	mV
Battery Cell Voltage Average	3924	mV
Battery Cell Highest Cell number	00	
Battery Cell Lowest Cell number	00	
HV Battery Voltage (cell sum)	0.00	Volts
HV Battery Voltage (Module Sum)	0.00	Volts
HV Sensor A Pack Voltage	376.70	Volts
HV Sensor B Bus\Link (Pre-Fuse) Voltage	1.20	Volts
HV Sensor C OBCM (HVOBC Fuse) Voltage	0.70	Volts
HV Sensor D Heater (HVHTR Fuse) Voltage	0.70	Volts
HV Sensor G Weld Contactor(Pack Negative) Voltage	0.0	Volts
Battery Temperature Maximum Module	-40	°F
Battery Temperature Minimum Module	-40	°F
Battery Temperature Average Module	-40	°F
Battery Temperature Highest Sensor number	01	
Battery Temperature Lowest Sensor number	01	
Battery Temperature Number of Failing Sensors	12	
HV Cooling Pump Relay Drive	Not Sourced	
HV Cooling Battery coolant inlet temp	79	°F

HV Cooling Battery coolant outlet temp	81	°F
HV Cooling OBCM temp inlet Temp	79	°F
Pump - Battery Coolant Level Low	False	
Isolation Vehicle Diagnostic Status	Run and Passed	
Isolation Vehicle Impedance	7.3115	Mega Ohms
Isolation Battery Diagnostic Status	Run and Passed	
Isolation Battery Impedance	0.8480	Mega Ohms
CVTN CUST CKSUM ERR	Normal	

HCP | P0513-00 | Active | Invalid SKIM Key-

NAME	VALUE	UNITS
DTC	05 13 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Original Odometer Value	42008.7	miles
Most Recent Odometer Value	42008.7	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Real time clock	119528648	sec
RAM stamps keyOn	0	sec
RAM Stamps	122259	Min
Accelerator Pedal Position	0	%
Brake Switch Status	Not Applied	
Engine Speed	0	rpm
HV Battery SOC	76	%
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	False	
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	77	°F
Motor B Temp Sensor	77	°F
Barometric Pressure	14	PSI
Engine Coolant Temperature	79	°F
Internal EPS Voltage Sense A	8.136	Volts
Internal EPS Voltage Sense B	8.136	Volts
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs

Actual Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor A	48.580	Ft-Lbs
Available Motor Torque - Motor B	57.153	Ft-Lbs
Available Regen Torque - Motor A	-48.580	Ft-Lbs
Available Regen Torque - Motor B	-57.153	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
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 B - Inverter Current - phase C	-4	AMP
Motor B Resolver Angle	276	Degree
Motor A Resolver Angle	122	Degree
Electric Motor A Speed	10846.5	rpm
Electric Motor B Speed	11300.0	rpm
PIM DC Link Voltage - A	379	Volts
PIM DC Link Voltage - B	374	Volts
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
HCP System Shutdown Command	Default	
HV Battery Voltage from BPCM	376.40	Volts
SW Build Release Version	PIM_C19A_2105A0_RU_HCP__	
HCP SW Version	C19A	
EPT LOC Diag Enable	Disable LOC Daignostic	
HV Contactor Status	Closed	
APM Status	Off	
Impact Event	False	
Outside Air Temperature	80.6	°F
OBCM Operating Mode	Idle	
J1772 Prox Detected State	Prox Circuit Low	
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	13.032	Volts
Battery Feed Voltage 2 Sense	13.032	Volts
Battery Feed Voltage 3 Sense	12.744	Volts
Hybrid System State	High Voltage Enabled	
Inverter A IGBT Temperature for phase A	32	°F
Inverter A IGBT Temperature for phase B	32	°F
Inverter A IGBT Temperature for phase C	32	°F
Inverter B IGBT Temperature for phase A	32	°F
Inverter B IGBT Temperature for phase B	32	°F
Inverter B IGBT Temperature for phase C	32	°F

PHEV Charging Status	No Charging	
Distance Travelled with Light ON	0	miles
GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

HCP | P062C-00 | Active | Internal Control Module Vehicle Speed Performance-

NAME	VALUE	UNITS
DTC	06 2C 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Original Odometer Value	42008.7	miles
Most Recent Odometer Value	42008.7	miles
Frequency Counter	1	
Ignition Cycle Counter	5	
Real time clock	119528648	sec
RAM stamps keyOn	0	sec
RAM Stamps	122259	Min
Accelerator Pedal Position	0	%
Brake Switch Status	Not Applied	
Engine Speed	0	rpm
HV Battery SOC	76	%
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	False	
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	77	°F
Motor B Temp Sensor	77	°F
Barometric Pressure	14	PSI
Engine Coolant Temperature	79	°F
Internal EPS Voltage Sense A	8.136	Volts
Internal EPS Voltage Sense B	8.136	Volts
Motor A Torque	0.000	Ft-Lbs

Motor B Torque	0.000	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor A	42.865	Ft-Lbs
Available Motor Torque - Motor B	48.949	Ft-Lbs
Available Regen Torque - Motor A	-42.865	Ft-Lbs
Available Regen Torque - Motor B	-48.857	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
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 B - Inverter Current - phase C	-4	AMP
Motor B Resolver Angle	56	Degree
Motor A Resolver Angle	352	Degree
Electric Motor A Speed	12018.0	rpm
Electric Motor B Speed	12479.5	rpm
PIM DC Link Voltage - A	379	Volts
PIM DC Link Voltage - B	374	Volts
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
HCP System Shutdown Command	Default	
HV Battery Voltage from BPCM	376.40	Volts
SW Build Release Version	PIM_C19A_2105A0_RU_HCP__	
HCP SW Version	C19A	
EPT LOC Diag Enable	Disable LOC Daignostic	
HV Contactor Status	Closed	
APM Status	Off	
Impact Event	False	
Outside Air Temperature	80.6	°F
OBCM Operating Mode	Idle	
J1772 Prox Detected State	Prox Circuit Low	
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	13.104	Volts
Battery Feed Voltage 2 Sense	13.104	Volts
Battery Feed Voltage 3 Sense	12.744	Volts
Hybrid System State	High Voltage Enabled	
Inverter A IGBT Temperature for phase A	32	°F
Inverter A IGBT Temperature for phase B	32	°F
Inverter A IGBT Temperature for phase C	32	°F
Inverter B IGBT Temperature for phase A	32	°F
Inverter B IGBT Temperature for phase B	32	°F

Inverter B IGBT Temperature for phase C	32	°F
PHEV Charging Status	No Charging	
Distance Travelled with Light ON	0	miles
GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

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	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Original Odometer Value	42008.7	miles
Most Recent Odometer Value	42008.7	miles
Frequency Counter	1	
Ignition Cycle Counter	5	
Real time clock	119528648	sec
RAM stamps keyOn	0	sec
RAM Stamps	122259	Min
Accelerator Pedal Position	0	%
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Engine Speed	0	rpm
HV Battery SOC	76	%
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	False	
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	77	°F
Motor B Temp Sensor	77	°F
Barometric Pressure	14	PSI
Engine Coolant Temperature	79	°F
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 Angle Offset	1.20	Degree
Motor B Resolver Angle Offset	2.40	Degree
Motor A Resolver Supply Voltage Value	15.75	Volts
Motor B Resolver Supply Voltage Value	15.75	Volts
Motor A Resolver to Digital Low Level Driver Faults	Resolver Loss of Signal	
Motor B Resolver to Digital Low Level Driver Faults	Resolver Loss of Signal	
Battery Feed Voltage 2 Sense	13.104	Volts
Internal EPS Voltage Sense A	8.136	Volts
Internal EPS Voltage Sense B	8.136	Volts
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	0.000	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor B	0.000	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Electric Motor A Speed	16383.5	rpm
Electric Motor B Speed	14976.0	rpm
Battery Feed Voltage 1 Sense	13.104	Volts
Battery Feed Voltage 3 Sense	12.816	Volts
Hybrid System State	SNA	
Motor A - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase B	0	AMP
Motor A - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase A	0	AMP
Motor B - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase C	0	AMP
Outside Air Temperature	80.6	°F
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
EPT LOC Diag Enable	Disable LOC Daignostic	
HV Contactor Status	Open	
HV Battery Voltage from BPCM	372.30	Volts
PIM DC Link Voltage - A	375	Volts
PIM DC Link Voltage - B	370	Volts
Inverter A IGBT Temperature for phase A	32	°F
Inverter A IGBT Temperature for phase B	32	°F
Inverter A IGBT Temperature for phase C	32	°F
Inverter B IGBT Temperature for phase A	32	°F
Inverter B IGBT Temperature for phase B	32	°F
Inverter B IGBT Temperature for phase C	32	°F

APM Status	Idle	
Impact Event	False	
HCP System Shutdown Command	Default	
Distance Travelled with Light ON	0	miles
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
HV Battery Sleep Time	0	Days
Motor B Resolver Offset Learn Erase	not requested	
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 | 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	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Original Odometer Value	41896.1	miles
Most Recent Odometer Value	41896.1	miles
Frequency Counter	1	
Ignition Cycle Counter	5	
Real time clock	119195352	sec
RAM stamps keyOn	90	sec
RAM Stamps	121081	Min
Accelerator Pedal Position	0	%
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Engine Speed	1437	rpm
HV Battery SOC	24	%
Ignition State	Reserved	
PRND Position Display	D	

Propulsion System Active	True	
Vehicle Speed	43.9426	MPH
Motor A Temp Sensor	127	°F
Motor B Temp Sensor	142	°F
Barometric Pressure	14	PSI
Engine Coolant Temperature	162	°F
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 Angle Offset	0.80	Degree
Motor B Resolver Angle Offset	2.40	Degree
Motor A Resolver Supply Voltage Value	15.75	Volts
Motor B Resolver Supply Voltage Value	15.75	Volts
Motor A Resolver to Digital Low Level Driver Faults	Resolver Degradation of Signal	
Motor B Resolver to Digital Low Level Driver Faults	No fault	
Battery Feed Voltage 2 Sense	14.544	Volts
Internal EPS Voltage Sense A	8.136	Volts
Internal EPS Voltage Sense B	8.136	Volts
Actual Torque - Motor A	-23.599	Ft-Lbs
Actual Torque - Motor B	3.226	Ft-Lbs
Available Motor Torque - Motor A	87.205	Ft-Lbs
Available Motor Torque - Motor B	158.462	Ft-Lbs
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Available Regen Torque - Motor B	-158.462	Ft-Lbs
Commanded Torque - Motor A	-23.599	Ft-Lbs
Commanded Torque - Motor B	3.872	Ft-Lbs
Electric Motor A Speed	-7.5	rpm
Electric Motor B Speed	4842.5	rpm
Battery Feed Voltage 1 Sense	14.544	Volts
Battery Feed Voltage 3 Sense	14.544	Volts
Hybrid System State	Propulsion System Active	
Motor A - Inverter Current - phase A	100	AMP
Motor A - Inverter Current - phase B	-24	AMP
Motor A - Inverter Current - phase C	-84	AMP
Motor B - Inverter Current - phase A	8	AMP
Motor B - Inverter Current - phase B	4	AMP
Motor B - Inverter Current - phase C	-16	AMP
Outside Air Temperature	84.2	°F
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Closed	
HV Battery Voltage from BPCM	336.90	Volts
PIM DC Link Voltage - A	339	Volts

PIM DC Link Voltage - B	335	Volts
Inverter A IGBT Temperature for phase A	113	°F
Inverter A IGBT Temperature for phase B	115	°F
Inverter A IGBT Temperature for phase C	111	°F
Inverter B IGBT Temperature for phase A	108	°F
Inverter B IGBT Temperature for phase B	108	°F
Inverter B IGBT Temperature for phase C	108	°F
APM Status	Buck CV	
Impact Event	False	
HCP System Shutdown Command	Default	
Distance Travelled with Light ON	0	miles
Motor A Torque	-23.599	Ft-Lbs
Motor B Torque	3.226	Ft-Lbs
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
HV Battery Sleep Time	0	Days
Motor B Resolver Offset Learn Erase	not requested	
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 | P0A44-00 | Active | Drive Motor A Position Sensor 1 Circuit Overspeed-

NAME	VALUE	UNITS
DTC	0A 44 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
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		
Original Odometer Value		miles
Most Recent Odometer Value		miles
Frequency Counter		
Ignition Cycle Counter		
Real time clock		sec
RAM stamps keyOn		sec
RAM Stamps		Min

Accelerator Pedal Position		%
Brake Switch Status		
PHEV Charging Status		
Engine Speed		rpm
HV Battery SOC		%
Ignition State		
PRND Position Display		
Propulsion System Active		
Vehicle Speed		MPH
Motor A Temp Sensor		°F
Motor B Temp Sensor		°F
Barometric Pressure		PSI
Engine Coolant Temperature		°F
Motor A Resolver Offset Learn Erase		
Motor A Resolver Offset Learning Status Flag		
Motor B Resolver Offset Learning Status Flag		
Motor A Resolver Angle Offset		Degree
Motor B Resolver Angle Offset		Degree
Motor A Resolver Supply Voltage Value		Volts
Motor B Resolver Supply Voltage Value		Volts
Motor A Resolver to Digital Low Level Driver Faults		
Motor B Resolver to Digital Low Level Driver Faults		
Battery Feed Voltage 2 Sense		Volts
Internal EPS Voltage Sense A		Volts
Internal EPS Voltage Sense B		Volts
Actual Torque - Motor A		Ft-Lbs
Actual Torque - Motor B		Ft-Lbs
Available Motor Torque - Motor A		Ft-Lbs
Available Motor Torque - Motor B		Ft-Lbs
Available Regen Torque - Motor A		Ft-Lbs
Available Regen Torque - Motor B		Ft-Lbs
Commanded Torque - Motor A		Ft-Lbs
Commanded Torque - Motor B		Ft-Lbs
Electric Motor A Speed		rpm
Electric Motor B Speed		rpm
Battery Feed Voltage 1 Sense		Volts
Battery Feed Voltage 3 Sense		Volts
Hybrid System State		
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

Outside Air Temperature		°F
HCP ePT Wake-Up Output		
CBC Wake-Up Input		
EPT LOC Diag Enable		
HV Contactor Status		
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 A IGBT Temperature for phase C		°F
Inverter B IGBT Temperature for phase A		°F
Inverter B IGBT Temperature for phase B		°F
Inverter B IGBT Temperature for phase C		°F
APM Status		
Impact Event		
HCP System Shutdown Command		
Distance Travelled with Light ON		miles
Motor A Torque		Ft-Lbs
Motor B Torque		Ft-Lbs
OBCM Operating Mode		
J1772 Prox Detected State		
HV Battery Sleep Time		Days
Motor B Resolver Offset Learn Erase		
GPS Date - Year		Year
GPS Date - Month		
GPS Date - Day		Days
UTC Time - Hours		Hours
UTC Time - Minutes		
UTC Time - Seconds		seconds
ECU Time - Milliseconds		ms

HCP | POA45-00 | Active | Drive Motor B Position Sensor 1 Circuit-

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

Original Odometer Value	42008.7	miles
Most Recent Odometer Value	42008.7	miles
Frequency Counter	1	
Ignition Cycle Counter	5	
Real time clock	119528648	sec
RAM stamps keyOn	0	sec
RAM Stamps	122259	Min
Accelerator Pedal Position	0	%
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Engine Speed	0	rpm
HV Battery SOC	76	%
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	False	
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	77	°F
Motor B Temp Sensor	77	°F
Barometric Pressure	14	PSI
Engine Coolant Temperature	79	°F
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 Angle Offset	1.20	Degree
Motor B Resolver Angle Offset	2.40	Degree
Motor A Resolver Supply Voltage Value	15.75	Volts
Motor B Resolver Supply Voltage Value	15.75	Volts
Motor A Resolver to Digital Low Level Driver Faults	Resolver Loss of Signal	
Motor B Resolver to Digital Low Level Driver Faults	Resolver Loss of Signal	
Battery Feed Voltage 2 Sense	13.104	Volts
Internal EPS Voltage Sense A	8.136	Volts
Internal EPS Voltage Sense B	8.136	Volts
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	0.000	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor B	0.000	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Electric Motor A Speed	16383.5	rpm
Electric Motor B Speed	14975.5	rpm
Battery Feed Voltage 1 Sense	13.104	Volts
Battery Feed Voltage 3 Sense	12.816	Volts

Hybrid System State	SNA	
Motor A - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase B	-4	AMP
Motor A - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase A	0	AMP
Motor B - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase C	0	AMP
Outside Air Temperature	80.6	°F
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
EPT LOC Diag Enable	Disable LOC Daignostic	
HV Contactor Status	Open	
HV Battery Voltage from BPCM	374.50	Volts
PIM DC Link Voltage - A	377	Volts
PIM DC Link Voltage - B	372	Volts
Inverter A IGBT Temperature for phase A	32	°F
Inverter A IGBT Temperature for phase B	32	°F
Inverter A IGBT Temperature for phase C	32	°F
Inverter B IGBT Temperature for phase A	32	°F
Inverter B IGBT Temperature for phase B	32	°F
Inverter B IGBT Temperature for phase C	32	°F
APM Status	Idle	
Impact Event	False	
HCP System Shutdown Command	Default	
Distance Travelled with Light ON	0	miles
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
HV Battery Sleep Time	0	Days
Motor B Resolver Offset Learn Erase	not requested	
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 | P0A4A-00 | Active | Drive Motor B Position Sensor 1 Circuit Overspeed-

NAME	VALUE	UNITS
DTC	0A 4A 00	
Test Failed	True	
Test Failed This Operation Cycle	True	

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		
Original Odometer Value		miles
Most Recent Odometer Value		miles
Frequency Counter		
Ignition Cycle Counter		
Real time clock		sec
RAM stamps keyOn		sec
RAM Stamps		Min
Accelerator Pedal Position		%
Brake Switch Status		
PHEV Charging Status		
Engine Speed		rpm
HV Battery SOC		%
Ignition State		
PRND Position Display		
Propulsion System Active		
Vehicle Speed		MPH
Motor A Temp Sensor		°F
Motor B Temp Sensor		°F
Barometric Pressure		PSI
Engine Coolant Temperature		°F
Motor A Resolver Offset Learn Erase		
Motor A Resolver Offset Learning Status Flag		
Motor B Resolver Offset Learning Status Flag		
Motor A Resolver Angle Offset		Degree
Motor B Resolver Angle Offset		Degree
Motor A Resolver Supply Voltage Value		Volts
Motor B Resolver Supply Voltage Value		Volts
Motor A Resolver to Digital Low Level Driver Faults		
Motor B Resolver to Digital Low Level Driver Faults		
Battery Feed Voltage 2 Sense		Volts
Internal EPS Voltage Sense A		Volts
Internal EPS Voltage Sense B		Volts
Actual Torque - Motor A		Ft-Lbs
Actual Torque - Motor B		Ft-Lbs
Available Motor Torque - Motor A		Ft-Lbs
Available Motor Torque - Motor B		Ft-Lbs
Available Regen Torque - Motor A		Ft-Lbs

Available Regen Torque - Motor B		Ft-Lbs
Commanded Torque - Motor A		Ft-Lbs
Commanded Torque - Motor B		Ft-Lbs
Electric Motor A Speed		rpm
Electric Motor B Speed		rpm
Battery Feed Voltage 1 Sense		Volts
Battery Feed Voltage 3 Sense		Volts
Hybrid System State		
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
Outside Air Temperature		°F
HCP ePT Wake-Up Output		
CBC Wake-Up Input		
EPT LOC Diag Enable		
HV Contactor Status		
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 A IGBT Temperature for phase C		°F
Inverter B IGBT Temperature for phase A		°F
Inverter B IGBT Temperature for phase B		°F
Inverter B IGBT Temperature for phase C		°F
APM Status		
Impact Event		
HCP System Shutdown Command		
Distance Travelled with Light ON		miles
Motor A Torque		Ft-Lbs
Motor B Torque		Ft-Lbs
OBCM Operating Mode		
J1772 Prox Detected State		
HV Battery Sleep Time		Days
Motor B Resolver Offset Learn Erase		
GPS Date - Year		Year
GPS Date - Month		
GPS Date - Day		Days
UTC Time - Hours		Hours
UTC Time - Minutes		
UTC Time - Seconds		seconds

ECU Time - Milliseconds

ms

HCP | P0C19-00 | Active | Drive Motor A Torque Delivered Performance-

NAME	VALUE	UNITS
DTC	0C 19 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Original Odometer Value	42008.7	miles
Most Recent Odometer Value	42008.7	miles
Frequency Counter	1	
Ignition Cycle Counter	5	
Real time clock	119528648	sec
RAM stamps keyOn	0	sec
RAM Stamps	122259	Min
Accelerator Pedal Position	0	%
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Engine Speed	0	rpm
HV Battery SOC	76	%
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	False	
Vehicle Speed	0.0000	MPH
Barometric Pressure	14	PSI
Engine Coolant Temperature	79	°F
Actual Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor A	9.403	Ft-Lbs
Inverter A Input DC Current	0.0	AMP
Electric Motor A Speed	15829.5	rpm
Motor A - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase B	-4	AMP
Motor A - Inverter Current - phase C	-4	AMP
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 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 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 Short Fault - High-Side	False	
Motor A Phase V Cross Conduction Fault - High-Side	False	
Motor A Phase V Over Current 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 Comm Error Low 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	
Motor A Resolver Supply Voltage Value	15.75	Volts
Battery Feed Voltage 2 Sense	13.104	Volts

Battery Feed Voltage 3 Sense	12.816	Volts
Internal EPS Voltage Sense A	8.136	Volts
Internal EPS Voltage Sense B	8.136	Volts
Hybrid System State	SNA	
PIM DC Link Voltage - A	379	Volts
PIM DC Link Voltage - B	374	Volts
Passive Pump Coolant Temp In Sensor	79	°F
Low Temp Active Pump Speed	0	rpm
High Temp Aux Pump - Actual Speed	0	rpm
Outside Air Temperature	80.6	°F
HV Contactor Status	Closed	
Inverter B Status Feedback	Inverter Faulted	
Battery Feed Voltage 1 Sense	13.104	Volts
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor B	1.014	Ft-Lbs
Available Regen Torque - Motor A	-9.403	Ft-Lbs
Available Regen Torque - Motor B	-1.014	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor B - Inverter Current - phase A	-4	AMP
Motor B - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase C	0	AMP
Motor B Resolver Angle	Invalid Value	Degree
Motor B Temp Sensor	77	°F
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
EPT LOC Diag Enable	Disable LOC Daignostic	
HV Battery Voltage from BPCM	376.40	Volts
Electric Motor B Speed	14971.5	rpm
Inverter A IGBT Temperature for phase A	32	°F
Inverter A IGBT Temperature for phase B	32	°F
Inverter A IGBT Temperature for phase C	32	°F
Inverter B IGBT Temperature for phase A	32	°F
Inverter B IGBT Temperature for phase B	32	°F
Inverter B IGBT Temperature for phase C	32	°F
APM Status	Off	
Impact Event	False	
HCP System Shutdown Command	Default	
Distance Travelled with Light ON	0	miles
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
OBCM Operating Mode	Idle	
J1772 Prox Detected State	Prox Circuit Low	
HV Battery Sleep Time	0	Days

Commanded Inverter A State	Inverter Disabled	
Inverter Status Feedback	Inverter Faulted	
Motor A Phase U Over Voltage Fault VH - High-Side	False	
Motor A Phase U Under Voltage Fault VH - High-Side	False	
Motor A Phase U Over Voltage Fault VL - High-Side	False	
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 - 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 Under 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 VH - High-Side	False	
Motor A Phase V Under Voltage Fault VH - 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 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 VL - Low-Side	False	
Motor A Phase V Under Voltage Fault VL - Low-Side	False	
Motor A Phase V Over Voltage Fault VDD - Low-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 Over Voltage Fault VH - 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 Under Voltage Fault VL - 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 Comm Error High Voltage Regulator Fault - 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 Under Voltage Fault VDD - Low-Side	False	

Motor A Phase W Comm Error High Voltage Regulator Fault - Low-Side	False	
Inverter A Status Feedback	Inverter Faulted	
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 | P0C1A-00 | Active | Drive Motor B Torque Delivered Performance-

NAME	VALUE	UNITS
DTC	0C 1A 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Original Odometer Value	42008.7	miles
Most Recent Odometer Value	42008.7	miles
Frequency Counter	1	
Ignition Cycle Counter	5	
Real time clock	119528648	sec
RAM stamps keyOn	0	sec
RAM Stamps	122259	Min
Accelerator Pedal Position	0	%
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Engine Speed	0	rpm
HV Battery SOC	76	%
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	False	
Vehicle Speed	0.0000	MPH
Barometric Pressure	14	PSI
Engine Coolant Temperature	79	°F
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor B	11.431	Ft-Lbs
Inverter B Input DC Current	0.0	AMP
Electric Motor B Speed	14945.0	rpm

Commanded Inverter B State	Inverter Disabled	
Motor B - Inverter Current - phase A	0	AMP
Motor B - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase C	0	AMP
Inverter B Status Feedback	Inverter Faulted	
Motor B Phase U Short Fault - High-Side	False	
Motor B Phase U Cross Conduction Fault - High-Side	False	
Motor B Phase U Thermal Warning Fault - High-Side	False	
Motor B Phase U Thermal Shutdown Fault - High-Side	False	
Motor B Phase U Comm Error High Voltage Regulator Fault - High-Side	False	
Motor B Phase U SPI Error Fault - High-Side	False	
Motor B Phase U Hardware Error Fault - High-Side	False	
Motor B Phase U Short Fault - Low-Side	False	
Motor B Phase U Cross Conduction Fault - Low-Side	False	
Motor B Phase U Over Current Fault - Low-Side	False	
Motor B Phase U Thermal Warning Fault - Low-Side	False	
Motor B Phase U Thermal Shutdown Fault - Low-Side	False	
Motor B Phase U Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor B Phase U Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor B Phase U SPI Error Fault - Low-Side	False	
Motor B Phase U Hardware Error Fault - Low-Side	False	
Motor B Phase V Short Fault - High-Side	False	
Motor B Phase V Cross Conduction Fault - High-Side	False	
Motor B Phase V Over Current Fault - High-Side	False	
Motor B Phase V Thermal Warning Fault - High-Side	False	
Motor B Phase V Thermal Shutdown Fault - High-Side	False	
Motor B Phase V Comm Error High Voltage Regulator Fault - High-Side	False	
Motor B Phase V Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor B Phase V SPI Error Fault - High-Side	False	
Motor B Phase V Hardware Error Fault - High-Side	False	
Motor B Phase V Short Fault - Low-Side	False	
Motor B Phase V Cross Conduction Fault - Low-Side	False	
Motor B Phase V Over Current Fault - Low-Side	False	
Motor B Phase V Thermal Warning Fault - Low-Side	False	
Motor B Phase V Thermal Shutdown Fault - Low-Side	False	
Motor B Phase V Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor B Phase V Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor B Phase V SPI Error Fault - Low-Side	False	
Motor B Phase V Hardware Error Fault - Low-Side	False	
Motor B Phase W Short Fault - High-Side	False	
Motor B Phase W Cross Conduction Fault - High-Side	False	
Motor B Phase W Over Current Fault - High-Side	False	
Motor B Phase W Thermal Warning Fault - High-Side	False	
Motor B Phase W Comm Error High Voltage Regulator Fault - High-Side	False	

Motor B Phase W Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor B Phase W SPI Error Fault - High-Side	False	
Motor B Phase W Hardware Error Fault - High-Side	False	
Motor B Phase W Short Fault - Low-Side	False	
Motor B Phase W Cross Conduction Fault - Low-Side	False	
Motor B Phase W Over Current Fault - Low-Side	False	
Motor B Phase W Thermal Warning Fault - Low-Side	False	
Motor B Phase W Thermal Shutdown Fault - Low-Side	False	
Motor B Phase W Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor B Phase W Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor B Phase W SPI Error Fault - Low-Side	False	
Motor B Phase W Hardware Error Fault - Low-Side	False	
Motor B Resolver Supply Voltage Value	15.75	Volts
Battery Feed Voltage 2 Sense	13.104	Volts
Internal EPS Voltage Sense A	8.136	Volts
Internal EPS Voltage Sense B	8.136	Volts
Battery Feed Voltage 1 Sense	13.104	Volts
Battery Feed Voltage 3 Sense	12.816	Volts
Hybrid System State	Determine Hybrid System State	
Actual Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor A	33.278	Ft-Lbs
Available Regen Torque - Motor A	-33.278	Ft-Lbs
Available Regen Torque - Motor B	-11.431	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
Motor A - Inverter Current - phase B	-4	AMP
Motor A - Inverter Current - phase C	0	AMP
Motor A Resolver Angle	266	Degree
Motor A Temp Sensor	77	°F
Outside Air Temperature	80.6	°F
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
EPT LOC Diag Enable	Disable LOC Daignostic	
HV Contactor Status	Closed	
HV Battery Voltage from BPCM	376.40	Volts
Electric Motor A Speed	15028.5	rpm
PIM DC Link Voltage - A	379	Volts
PIM DC Link Voltage - B	374	Volts
Inverter A IGBT Temperature for phase A	32	°F
Inverter A IGBT Temperature for phase B	32	°F
Inverter A IGBT Temperature for phase C	32	°F
Inverter B IGBT Temperature for phase A	32	°F
Inverter B IGBT Temperature for phase B	32	°F

Inverter B IGBT Temperature for phase C	32	°F
APM Status	Off	
Impact Event	False	
HCP System Shutdown Command	Default	
Distance Travelled with Light ON	0	miles
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
OBCM Operating Mode	Idle	
J1772 Prox Detected State	Prox Circuit Low	
HV Battery Sleep Time	0	Days
Motor B Phase U Over Current Fault - High-Side	False	
Motor B Phase U Over Voltage Fault VH - High-Side	False	
Motor B Phase U Under Voltage Fault VH - High-Side	False	
Motor B Phase U Over Voltage Fault VL - High-Side	False	
Motor B Phase U Under Voltage Fault VL - High-Side	False	
Motor B Phase U Over Voltage Fault VDD - High-Side	False	
Motor B Phase U Under Voltage Fault VDD - High-Side	False	
Motor B Phase U Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor B Phase U Over Voltage Fault VH - Low-Side	False	
Motor B Phase U Under Voltage Fault VH - Low-Side	False	
Motor B Phase U Over Voltage Fault VL - Low-Side	False	
Motor B Phase U Under Voltage Fault VL - Low-Side	False	
Motor B Phase U Over Voltage Fault VDD - Low-Side	False	
Motor B Phase U Under Voltage Fault VDD - Low-Side	False	
Motor B Phase V Over Voltage Fault VH - High-Side	False	
Motor B Phase V Under Voltage Fault VH - High-Side	False	
Motor B Phase V Over Voltage Fault VL - High-Side	False	
Motor B Phase V Under Voltage Fault VL - High-Side	False	
Motor B Phase V Over Voltage Fault VDD - High-Side	False	
Motor B Phase V Under Voltage Fault VDD - High-Side	False	
Motor B Phase V Over Voltage Fault VH - Low-Side	False	
Motor B Phase V Under Voltage Fault VH - Low-Side	False	
Motor B Phase V Over Voltage Fault VL - Low-Side	False	
Motor B Phase V Under Voltage Fault VL - Low-Side	False	
Motor B Phase V Over Voltage Fault VDD - Low-Side	False	
Motor B Phase V Under Voltage Fault VDD - Low-Side	False	
Motor B Phase W Over Voltage Fault VH - High-Side	False	
Motor B Phase W Under Voltage Fault VH - High-Side	False	
Motor B Phase W Over Voltage Fault VL - High-Side	False	
Motor B Phase W Under Voltage Fault VL - High-Side	False	
Motor B Phase W Over Voltage Fault VDD - High-Side	False	
Motor B Phase W Under Voltage Fault VDD - High-Side	False	
Motor B Phase W Thermal Shutdown Fault - High-Side	False	
Motor B Phase W Over Voltage Fault VH - Low-Side	False	

Motor B Phase W Under Voltage Fault VH - Low-Side	False	
Motor B Phase W Over Voltage Fault VL - Low-Side	False	
Motor B Phase W Under Voltage Fault VL - Low-Side	False	
Motor B Phase W Over Voltage Fault VDD - Low-Side	False	
Motor B Phase W Under Voltage Fault VDD - Low-Side	False	
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 | P1CDD-00 | Pending | Hybrid/EV Wakeup Control 2 Output Circuit/Open-

NAME	VALUE	UNITS
DTC	1C DD 00	
Test Failed	False	
Test Failed This Operation Cycle	True	
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	
DTC Extended Data Record Number		
Occurrence flag		
Original Odometer Value		miles
Most Recent Odometer Value		miles
Frequency Counter		
Ignition Cycle Counter		
Real time clock		sec
RAM stamps keyOn		sec
RAM Stamps		Min
Accelerator Pedal Position		%
Brake Switch Status		
Engine Speed		rpm
Ignition State		
PRND Position Display		
Propulsion System Active		
Vehicle Speed		MPH
Barometric Pressure		PSI
Engine Coolant Temperature		°F
HVIL Sense Input State		
No Charging Reasons		

Battery Feed Voltage 2 Sense		Volts
Internal EPS Voltage Sense A		Volts
Internal EPS Voltage Sense B		Volts
HCP ePT Wake-Up Output		
CBC Wake-Up Input		
Hybrid System State		
SW Build Release Version		
HCP SW Version		
EPT LOC Diag Enable		
CAN Overrun Counter		Number
Impact Event		
Outside Air Temperature		°F
Maximum Charge Current Allowed		Amps
Charge Current Available		AMP
OBCM Derating Reason		
OBCM Operating Mode		
HCP Commanded OBCM Mode		
J1772 Prox Detected State		
J1772 Pilot Detected State		
OBCM J1772 S2 Status		
HCP J1772 S2 Close Command		
OBCM Ready to Charge		
HCP Command to Enable Charging		
HCP Charging System Status		
HCP Charging Level		
HCP Charging System Fault		
HCP Charging Fault Reason		
HV Battery Contactor State		
DC Voltage Not Detected		
AC Voltage Detected		
HV Battery Actual Current		AMP
AC Voltage for Charging		Volts
AC Current During Charging		Amps
Maximum EVSE Current Available		AMP
HCP Charging Current Command		AMP
HCP Charging Voltage Command		Volts
DC Charging Current		Amps
OBCM Charging Voltage		Volts
OBCM Module A Max Temperature		°F
OBCM Module B Max Temperature		°F
OBCM Module A PCB Temperature		°F
OBCM Module B PCB Temperature		°F
OBCM Accumulated Charging Time		hrs
OBCM Charging Power		KW-Hrs

HV Battery Pump Current		AMP
Radiator Fan Command		%
HV Battery Inlet Temperature		°F
HV Battery Outlet Temperature		°F
HV Battery Min Cell Voltage		Volts
Max Cell Voltage		Volts
Min Cell Temperature		°F
Max Cell Temperature		°F
HV Battery Sleep Time		Days
HV Battery SOC		%
Battery Feed Voltage 1 Sense		Volts
Battery Feed Voltage 3 Sense		Volts
Actual Torque - Motor A		Ft-Lbs
Actual Torque - Motor B		Ft-Lbs
Available Motor Torque - Motor A		Ft-Lbs
Available Motor Torque - Motor B		Ft-Lbs
Available Regen Torque - Motor A		Ft-Lbs
Available Regen Torque - Motor B		Ft-Lbs
Commanded Torque - Motor A		Ft-Lbs
Commanded Torque - Motor B		Ft-Lbs
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
Motor A Temp Sensor		°F
Motor B Temp Sensor		°F
HV Contactor Status		
HV Battery Voltage from BPCM		Volts
Electric Motor A Speed		rpm
Electric Motor B Speed		rpm
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 A IGBT Temperature for phase C		°F
Inverter B IGBT Temperature for phase A		°F
Inverter B IGBT Temperature for phase B		°F
Inverter B IGBT Temperature for phase C		°F
APM Status		
HCP System Shutdown Command		

PHEV Charging Status		
Distance Travelled with Light ON		miles
Motor A Torque		Ft-Lbs
Motor B Torque		Ft-Lbs
GPS Date - Year		Year
GPS Date - Month		
GPS Date - Day		Days
UTC Time - Hours		Hours
UTC Time - Minutes		
UTC Time - Seconds		seconds
ECU Time - Milliseconds		ms

HCP | P215B-00 | Active | Vehicle Speed - Output Shaft Speed Correlation-

NAME	VALUE	UNITS
DTC	21 5B 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Original Odometer Value	42008.7	miles
Most Recent Odometer Value	42008.7	miles
Frequency Counter	1	
Ignition Cycle Counter	5	
Real time clock	119528648	sec
RAM stamps keyOn	0	sec
RAM Stamps	122259	Min
Accelerator Pedal Position	0	%
Brake Switch Status	Not Applied	
Engine Speed	0	rpm
HV Battery SOC	76	%
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	False	
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	77	°F
Motor B Temp Sensor	77	°F
Barometric Pressure	14	PSI
Engine Coolant Temperature	79	°F
Internal EPS Voltage Sense A	8.136	Volts

Internal EPS Voltage Sense B	8.136	Volts
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor A	48.673	Ft-Lbs
Available Motor Torque - Motor B	57.153	Ft-Lbs
Available Regen Torque - Motor A	-48.673	Ft-Lbs
Available Regen Torque - Motor B	-57.153	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor A - Inverter Current - phase A	0	AMP
Motor A - Inverter Current - phase B	0	AMP
Motor A - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase A	0	AMP
Motor B - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase C	-4	AMP
Motor B Resolver Angle	6	Degree
Motor A Resolver Angle	54	Degree
Electric Motor A Speed	10913.5	rpm
Electric Motor B Speed	11367.5	rpm
PIM DC Link Voltage - A	379	Volts
PIM DC Link Voltage - B	374	Volts
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
HCP System Shutdown Command	Default	
HV Battery Voltage from BPCM	376.40	Volts
SW Build Release Version	PIM_C19A_2105A0_RU_HCP__	
HCP SW Version	C19A	
EPT LOC Diag Enable	Disable LOC Daignostic	
HV Contactor Status	Closed	
APM Status	Off	
Impact Event	False	
Outside Air Temperature	80.6	°F
OBCM Operating Mode	Idle	
J1772 Prox Detected State	Prox Circuit Low	
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	13.032	Volts
Battery Feed Voltage 2 Sense	13.032	Volts
Battery Feed Voltage 3 Sense	12.744	Volts
Hybrid System State	High Voltage Enabled	
Inverter A IGBT Temperature for phase A	32	°F
Inverter A IGBT Temperature for phase B	32	°F
Inverter A IGBT Temperature for phase C	32	°F

Inverter B IGBT Temperature for phase A	32	°F
Inverter B IGBT Temperature for phase B	32	°F
Inverter B IGBT Temperature for phase C	32	°F
PHEV Charging Status	No Charging	
Distance Travelled with Light ON	0	miles
GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

HCP | P26C3-00 | Active | Internal Control Module Electronic Shifter Performance-

NAME	VALUE	UNITS
DTC	26 C3 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Original Odometer Value	42008.7	miles
Most Recent Odometer Value	42008.7	miles
Frequency Counter	1	
Ignition Cycle Counter	5	
Real time clock	119528656	sec
RAM stamps keyOn	0	sec
RAM Stamps	122259	Min
Accelerator Pedal Position	0	%
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Engine Speed	0	rpm
HV Battery SOC	76	%
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	False	
Vehicle Speed	0.0000	MPH
Barometric Pressure	14	PSI
Engine Coolant Temperature	79	°F
PP Actuator Position Sensor Voltage	4.02	Volts

Shift Lock Status	Locked	
Reverse Shift Lock Status	Unlocked	
PRND Blink	Initialization	
Auto Correction Request	APCM Off	
Park Pawl Motor PWM1	0	%
Park Pawl Motor Direction	Out of Park/Move Towards Disengage	
Park Pawl Motor Enable Feedback	Disabled	
Park Pawl Motor Current	0.1	AMP
Park Pawl Motor Counts	400	Counts
Park Pawl Status Feedback	Segment Two Complete	
Park Gated Switch	In Park	
Failure Reasons for Level 2 eShift	Reserved	
Battery Feed Voltage 2 Sense	13.176	Volts
Battery Feed Voltage 3 Sense	12.888	Volts
Internal EPS Voltage Sense A	8.136	Volts
Internal EPS Voltage Sense B	8.136	Volts
Battery Feed Voltage 1 Sense	13.176	Volts
Hybrid System State	SNA	
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	0.000	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor B	0.000	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor A - Inverter Current - phase A	0	AMP
Motor A - Inverter Current - phase B	-4	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
Motor A Resolver Angle	Invalid Value	Degree
Motor B Resolver Angle	Invalid Value	Degree
Motor A Temp Sensor	77	°F
Motor B Temp Sensor	-40	°F
Outside Air Temperature	80.6	°F
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
EPT LOC Diag Enable	Disable LOC Daignostic	
HV Contactor Status	Open	
HV Battery Voltage from BPCM	360.20	Volts
Electric Motor A Speed	16383.5	rpm
Electric Motor B Speed	14976.0	rpm

PIM DC Link Voltage - A	362	Volts
PIM DC Link Voltage - B	358	Volts
Inverter A IGBT Temperature for phase A	32	°F
Inverter A IGBT Temperature for phase B	32	°F
Inverter A IGBT Temperature for phase C	32	°F
Inverter B IGBT Temperature for phase A	32	°F
Inverter B IGBT Temperature for phase B	32	°F
Inverter B IGBT Temperature for phase C	32	°F
APM Status	Idle	
Impact Event	False	
HCP System Shutdown Command	Default	
Distance Travelled with Light ON	0	miles
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
HV Battery Sleep Time	0	Days
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 | U0287-00 | Active | Lost Communication With Transmission Fluid Pump Module 1-

NAME	VALUE	UNITS
DTC	C2 87 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
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		
Original Odometer Value		miles
Most Recent Odometer Value		miles
Frequency Counter		
Ignition Cycle Counter		
Real time clock		sec
RAM stamps keyOn		sec
RAM Stamps		Min

Accelerator Pedal Position		%
Brake Switch Status		
PHEV Charging Status		
Engine Speed		rpm
HV Battery SOC		%
Ignition State		
PRND Position Display		
Propulsion System Active		
Vehicle Speed		MPH
Barometric Pressure		PSI
Engine Coolant Temperature		°F
A/C Refrigerant Pressure		PSI
Passive Pump Coolant Temp In Sensor		°F
Electric Coolant Heater Temp Sensor		°F
Heater Core Coolant Temp Sensor		°F
Motor A Temp Sensor		°F
Motor B Temp Sensor		°F
Outside Air Temperature		°F
Thermal System Enable State		
EAC Compressor Speed		rpm
High Temperature Shut-Off Valve Status		
Front Refrigerant Shut-Off Valve Status		
High Temp Cabin Valve Feedback		degrees
Chiller Shut-Off Valve Status		
Radiator Fan Duty Cycle		%
HV Coolant Heater - Measured Coolant Inlet Temp		°F
HV Coolant Heater - Measured Coolant Outlet Temp		°F
Low Temp Passive Pump - Temperature		°F
Low Temp Active Pump - Temperature		°F
Battery Feed Voltage 2 Sense		Volts
Battery Feed Voltage 3 Sense		Volts
Internal EPS Voltage Sense A		Volts
Internal EPS Voltage Sense B		Volts
Hybrid System State		
Battery Feed Voltage 1 Sense		Volts
Actual Torque - Motor B		Ft-Lbs
Available Motor Torque - Motor A		Ft-Lbs
Available Motor Torque - Motor B		Ft-Lbs
Available Regen Torque - Motor A		Ft-Lbs
Available Regen Torque - Motor B		Ft-Lbs
Commanded Torque - Motor A		Ft-Lbs
Commanded Torque - Motor B		Ft-Lbs
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
CBC Wake-Up Input		
EPT LOC Diag Enable		
HV Contactor Status		
HV Battery Voltage from BPCM		Volts
Electric Motor A Speed		rpm
Electric Motor B Speed		rpm
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 A IGBT Temperature for phase C		°F
Inverter B IGBT Temperature for phase A		°F
Inverter B IGBT Temperature for phase B		°F
Inverter B IGBT Temperature for phase C		°F
APM Status		
Impact Event		
HCP System Shutdown Command		
Distance Travelled with Light ON		miles
Motor A Torque		Ft-Lbs
Motor B Torque		Ft-Lbs
OBCM Operating Mode		
J1772 Prox Detected State		
HV Battery Sleep Time		Days
GPS Date - Year		Year
GPS Date - Month		
GPS Date - Day		Days
UTC Time - Hours		Hours
UTC Time - Minutes		
UTC Time - Seconds		seconds
ECU Time - Milliseconds		ms

HCP | U1852-00 | Active | Implausible Data Received from ABS on D-PT-

NAME	VALUE	UNITS
DTC	D8 52 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	

Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Original Odometer Value	42008.7	miles
Most Recent Odometer Value	42008.7	miles
Frequency Counter	1	
Ignition Cycle Counter	5	
Real time clock	119528656	sec
RAM stamps keyOn	15	sec
RAM Stamps	122259	Min
Accelerator Pedal Position	0	%
Brake Switch Status	Not Applied	
Engine Speed	0	rpm
HV Battery SOC	76	%
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	False	
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	-40	°F
Motor B Temp Sensor	-40	°F
Barometric Pressure	14	PSI
Engine Coolant Temperature	79	°F
Internal EPS Voltage Sense A	8.136	Volts
Internal EPS Voltage Sense B	8.136	Volts
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor B	0.000	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor B	0.000	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor A - Inverter Current - phase A	-4	AMP
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	0	AMP
Motor B - Inverter Current - phase C	-4	AMP
Motor B Resolver Angle	Invalid Value	Degree
Motor A Resolver Angle	Invalid Value	Degree

Electric Motor A Speed	16383.5	rpm
Electric Motor B Speed	14976.0	rpm
PIM DC Link Voltage - A	260	Volts
PIM DC Link Voltage - B	257	Volts
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
HCP System Shutdown Command	Default	
HV Battery Voltage from BPCM	258.70	Volts
SW Build Release Version	PIM_C19A_2105A0_RU_HCP__	
HCP SW Version	C19A	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Open	
APM Status	Idle	
Impact Event	False	
Outside Air Temperature	80.6	°F
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	13.248	Volts
Battery Feed Voltage 2 Sense	13.248	Volts
Battery Feed Voltage 3 Sense	13.032	Volts
Hybrid System State	SNA	
Inverter A IGBT Temperature for phase A	79	°F
Inverter A IGBT Temperature for phase B	79	°F
Inverter A IGBT Temperature for phase C	79	°F
Inverter B IGBT Temperature for phase A	79	°F
Inverter B IGBT Temperature for phase B	79	°F
Inverter B IGBT Temperature for phase C	79	°F
PHEV Charging Status	No Charging	
Distance Travelled with Light ON	0	miles
GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

OBCM | P1CDD-00 | Stored | Hybrid/EV Wakeup Control 2 Output Circuit/Open-

NAME	VALUE	UNITS
DTC	1C DD 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	01	
Occurrence flag	ERROR	
Original Odometer Value	0	miles
Most Recent Odometer Value	0	miles
Frequency Counter	1	
Ignition Cycle Counter	2	
DTC Extended Data Record Number - Record #2	16	
OBCM Status AC Present	AC Not OK	
AC Line Low	Valid	
AC Line High	Not Valid	
AC Side Current	0.60	Amps
AC Side Volt	1.9	Volts
HCP (EVCU) AC Current Max Cal	0.00	Amps
HCP (EVCU) Voltage Request	0	Volts
HCP (EVCU) Current Request	0.00	AMP
Battery Not Detected	False	
Battery Voltage Under Min	Not Valid	
Battery Voltage Over Max	Not Valid	
Battery Side Current	0.40	Amps
Battery Side Voltage	0.0	Volts
HV OC	False	
HV OV	False	
HCP (EVCU) HV Current Max Cal	0.00	Amps
HCP (EVCU) HV Volt Max Cal	0	Volt
HCP (EVCU) HV Volt Min Cal	0	Volt
OBCM Temperature 1	81	°F
OBCM Temperature 2	77	°F
OBCM Temperature 3	81	°F
OBCM Temperature 4	77	°F
NTC1 OT	False	
NTC2 OT	False	
NTC3 OT	False	
NTC4 OT	False	
External OBCM Inlet Temperature (CAN)	-40	°F
J1772 ICA	0	AMP
J1772 S2 Close	Open	
J1772 Stat	State Not Programmed	
J1772 S2 Status	Open	
Control Pilot Amplitude	7.576	Volts

Control Pilot Duty Cycle	0.00	%
Control Pilot Frequency	1024	Hz
EVSE Pilot Stat	OBCM HW Fault	
Prox Stat	Prox Circuit Low	
Prox Voltage	4.465	Volt
OBC Idle Tml	414	hrs
Watt-Hours of AC Power	32767	W-Hrs
Watt Hours of Charge the HV Bus	0	W-Hrs
OBCM Mode	00	
OBCM Charger Ready	On	
OBCM WU Status	Wakeup is Faulted	
Charge Enable Status	Chrg Disable	
HCP (EVCU) Shutdown Command	EVCU Operational	
HCP (EVCU) Enable Charge Command	Charge disable	
HCP (EVCU) OBC Mode Request	SNA	
Generic Fail Sts	No Functional Fail Present	
Chrg Fail Sts	No Faults detected	
OBCM Wake Up Reason	Pilot PWM	
OBC Control Mth	Current	
OBCM Deraing Reason	AC Voltage Limit Derating	
Close Chrgr Cntctr	Open	
Chrgr Cntctr Stat	Open	
Chrg Mode	Charge Mode	
OBCM Fault Reason	No Faults detected	
Module A Primary - PFC Temperature	79	°F
Module A Primary - LLC Temperature	79	°F
Module A Secondary - Buck Temperature	77	°F
Module A Secondary - Ambient Temperature	77	°F
Module A Primary - AC Side Volt	1.7	Volts
Module A Primary - AC Side Current	-24.70	Amps
Module A Secondary - Battery Side Voltage	0.0	Volts
Module A Secondary - Battery Side Current	-24.80	Amps
Module A Secondary - Buck Output Voltage	0.1	Volts
Module B Primary - PFC Temperature	81	°F
Module B Primary - LLC Temperature	81	°F
Module B Secondary - Buck Temperature	81	°F
Module B Secondary - Ambient Temperature	81	°F
Module B Primary - AC Side Volt	2.2	Volts
Module B Primary - AC Side Current	-24.70	Amps
Module B Secondary - Battery Side Voltage	0.0	Volts
Module B Secondary - Battery Side Current	-24.80	Amps
Module B Secondary - Buck Output Voltage	0.1	Volts
OBCM - HV Over Voltage Protect	False	
OBCM - LV Aux Over Voltage Protect	False	

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

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

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

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

SBC State_E180	00	
SBC State_E300	20	
SBC State_E500	00	
SBC State_E580	09	
OBCM Charge Current Available	0.00	AMP
BPCM HV Battery Contactor Open	False	
SBC Bus Off	False	
CANSIP Bus Off	False	
OBC Charge Time	0	sec
OBC Charge Tml	11720	hrs
OBC Idle Time	0	sec
EPT LOC Diag Enable	Disable LOC Daignostic	
HCP Shutdown Command	No Shutdown	
HV Battey Contactor Open	False	
BPCM Request for HV Contactor	False	
HV Contactor Status	Open	
Ignition on Time for DTC	0	sec

MSMP | B210D-21 | Stored | Battery Voltage Low-Signal Amplitude < Minimum

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Original Odometer Value	41945	miles
Most Recent Odometer Value	41945	miles
Frequency Counter	1	
Ignition Cycle Counter	1	

MSMP | B210A-84 | Stored | System Voltage Low-Signal Below Allowable Range

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

Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Original Odometer Value	41945	miles
Most Recent Odometer Value	41945	miles
Frequency Counter	1	
Ignition Cycle Counter	1	

DSM | B2199-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
DTC	A1 99 16	
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	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	2	

DSM | B21DD-84 | Stored | System Voltage-Signal Below Allowable Range

NAME	VALUE	UNITS
DTC	A1 DD 84	
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	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	2	

VRM | B2199-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
DTC	A1 99 16	
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	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	1	

VRM | B21DD-84 | Stored | System Voltage-Signal Below Allowable Range

NAME	VALUE	UNITS
DTC	A1 DD 84	
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	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	1	

RCCC | B2199-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
DTC	A1 99 16	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	

Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	2	

RCCC | B21DD-84 | Stored | System Voltage-Signal Below Allowable Range

NAME	VALUE	UNITS
DTC	A1 DD 84	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	2	

CVPM | U0184-00 | Stored | Lost Communication With Radio-

NAME	VALUE	UNITS
DTC	C1 84 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	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	

Ignition Cycle Counter	2	
DTC Extended Data Record Number 2	2	
ECU Failure – Internal Voltage	Off	
ECU Failure – ECU Memory	Off	
ECU Failure – Internal Communication Error	Off	
ECU Failure – Video Subsystem Error	Off	
ECU Failure – Watchdog Error	Off	
Calibration Failure - Calibration not Executed	Off	
Calibration Failure - Calibration Data Inconsistent	Off	
Battery Voltage	6.9	V
ECU Voltage	6.6	V
Vehicle Speed	0.000000	MPH
Ignition Status	Ignition Status: Running	
Steering Wheel Angle	30.5	Deg
Steering Wheel Angle Status	Steering Wheel Status: Okay	
Driver Door Ajar	Inactive	
Rear Left Door Ajar	Inactive	
Passenger Door Ajar	Inactive	
Rear Right Door Ajar	Inactive	
Reverse Gear	Inactive	
Liftgate Ajar	Inactive	
Touch Screen Status	Touch Screen Status: Not Pressed	
Touch Screen X Coordinate	0000	
Touch Screen Y Coordinate	0000	
Radio Display Status	Display Status: Off	

CVPM | U0485-00 | Stored | Implausible Data Received From Radio-

NAME	VALUE	UNITS
DTC	C4 85 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	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	2	
DTC Extended Data Record Number 2	2	

ECU Failure – Internal Voltage	Off	
ECU Failure – ECU Memory	Off	
ECU Failure – Internal Communication Error	Off	
ECU Failure – Video Subsystem Error	Off	
ECU Failure – Watchdog Error	Off	
Calibration Failure - Calibration not Executed	Off	
Calibration Failure - Calibration Data Inconsistent	Off	
Battery Voltage	7.1	V
ECU Voltage	6.8	V
Vehicle Speed	0.000000	MPH
Ignition Status	Ignition Status: Running	
Steering Wheel Angle	30.5	Deg
Steering Wheel Angle Status	Steering Wheel Status: Okay	
Driver Door Ajar	Inactive	
Rear Left Door Ajar	Inactive	
Passenger Door Ajar	Inactive	
Rear Right Door Ajar	Inactive	
Reverse Gear	Inactive	
Liftgate Ajar	Inactive	
Touch Screen Status	Touch Screen Status: Not Pressed	
Touch Screen X Coordinate	0000	
Touch Screen Y Coordinate	0000	
Radio Display Status	Display Status: Off	

CVPM | B2199-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
DTC	A1 99 16	
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	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	1	
DTC Extended Data Record Number 2	2	
ECU Failure – Internal Voltage	Off	
ECU Failure – ECU Memory	Off	

ECU Failure – Internal Communication Error	Off	
ECU Failure – Video Subsystem Error	Off	
ECU Failure – Watchdog Error	Off	
Calibration Failure - Calibration not Executed	Off	
Calibration Failure - Calibration Data Inconsistent	Off	
Battery Voltage	7.8	V
ECU Voltage	7.4	V
Vehicle Speed	0.000000	MPH
Ignition Status	Ignition Status: Running	
Steering Wheel Angle	30.5	Deg
Steering Wheel Angle Status	Steering Wheel Status: Okay	
Driver Door Ajar	Inactive	
Rear Left Door Ajar	Inactive	
Passenger Door Ajar	Inactive	
Rear Right Door Ajar	Inactive	
Reverse Gear	Inactive	
Liftgate Ajar	Inactive	
Touch Screen Status	Touch Screen Status: Not Pressed	
Touch Screen X Coordinate	0000	
Touch Screen Y Coordinate	0000	
Radio Display Status	Display Status: Off	

CVPM | B21DD-84 | Stored | System Voltage-Signal Below Allowable Range

NAME	VALUE	UNITS
DTC	A1 DD 84	
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	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	1	
DTC Extended Data Record Number 2	2	
ECU Failure – Internal Voltage	Off	
ECU Failure – ECU Memory	Off	
ECU Failure – Internal Communication Error	Off	
ECU Failure – Video Subsystem Error	Off	

ECU Failure – Watchdog Error	Off	
Calibration Failure - Calibration not Executed	Off	
Calibration Failure - Calibration Data Inconsistent	Off	
Battery Voltage	9.9	V
ECU Voltage	9.6	V
Vehicle Speed	0.000000	MPH
Ignition Status	Ignition Status: Running	
Steering Wheel Angle	30.5	Deg
Steering Wheel Angle Status	Steering Wheel Status: Okay	
Driver Door Ajar	Inactive	
Rear Left Door Ajar	Inactive	
Passenger Door Ajar	Inactive	
Rear Right Door Ajar	Inactive	
Reverse Gear	Inactive	
Liftgate Ajar	Inactive	
Touch Screen Status	Touch Screen Status: Not Pressed	
Touch Screen X Coordinate	0000	
Touch Screen Y Coordinate	0000	
Radio Display Status	Display Status: Normal	

CVPM | U0422-00 | Stored | Implausible Data Received From Body Control Module-

NAME	VALUE	UNITS
DTC	C4 22 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	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	1	
DTC Extended Data Record Number 2	2	
ECU Failure – Internal Voltage	Off	
ECU Failure – ECU Memory	Off	
ECU Failure – Internal Communication Error	Off	
ECU Failure – Video Subsystem Error	Off	
ECU Failure – Watchdog Error	Off	
Calibration Failure - Calibration not Executed	Off	

Calibration Failure - Calibration Data Inconsistent	Off	
Battery Voltage	12.1	V
ECU Voltage	11.9	V
Vehicle Speed	0.000000	MPH
Ignition Status	Ignition Status: Running	
Steering Wheel Angle	30.5	Deg
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	Inactive	
Touch Screen Status	Touch Screen Status: Not Pressed	
Touch Screen X Coordinate	0000	
Touch Screen Y Coordinate	0000	
Radio Display Status	Display Status: Normal	

EBBM | P0562-00 | Stored | System Voltage Low-

NAME	VALUE	UNITS
DTC	05 62 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	True	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Mirror Memory	No	
Undervoltage Suspected	No	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Fault Time	13107.00	S
Booster Supply	9.3	V
ECU Supply	9.3	V
Ignition	9.3	V
Pedal Travel Sensor Supply	5.0	V
iBooster System Mode	Ready Mode - iBooster is ready for actuation	
Brake Pedal Applied	brake pedal not applied	
iBooster ECU Temperature Channel 1	81.8656	°F

iBooster ECU Temperature Channel 2	81.2750	°F
iBooster Brake Pedal State	brake pedal not applied	
ESP Master Cylinder Pressure	0.00	PSI
Pedal Travel Sensor One	-0.1054674	mm_
Pedal Travel Sensor Two	-0.0527337	mm_
iBooster Rotary Position Sensor	0.00	Deg
iBooster Output Rod Stroke	0.00	mm_
iBooster Input Rod Stroke	0.00	mm_
iBooster Boost Body Stroke	-0.06	mm_
Vehicle Speed	0.00	MPH
Supplier Internal Code	212	

EBBM | U0293-00 | Active | Lost Communication with Hybrid Control Module "A"-

NAME	VALUE	UNITS
DTC	C2 93 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	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	ERROR	
Mirror Memory	No	
Undervoltage Suspected	No	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Fault Time	27.00	S
Booster Supply	14.4	V
ECU Supply	14.3	V
Ignition	14.3	V
Pedal Travel Sensor Supply	5.0	V
iBooster System Mode	Ready Mode - iBooster is ready for actuation	
Brake Pedal Applied	brake pedal not applied	
iBooster ECU Temperature Channel 1	74.9469	°F
iBooster ECU Temperature Channel 2	74.6094	°F
iBooster Brake Pedal State	brake pedal not applied	
ESP Master Cylinder Pressure	0.00	PSI
Pedal Travel Sensor One	-0.0957019	mm_
Pedal Travel Sensor Two	-0.0273434	mm_
iBooster Rotary Position Sensor	0.00	Deg

iBooster Output Rod Stroke	0.00	mm_
iBooster Input Rod Stroke	0.00	mm_
iBooster Boost Body Stroke	-0.06	mm_
Vehicle Speed	0.00	MPH
Supplier Internal Code	204	

ABSO | U0293-00 | Active | Lost Communication with Hybrid Control Module "A"-

NAME	VALUE	UNITS
DTC	C2 93 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	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Controller Event	No	
Mirror Memory	No	
Undervoltage Suspected	No	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Fault Time	27.00	S
Current System Mode	Ignition Run	
Previous System Mode	Ignition Run	
System Condition	OK	
Supply Voltage Valves	14.3	V
Brake Pedal Status	Released	
Supply voltage Pump	14.6	V
Brake Pedal Travel Sensor Position	0	%
Ignition Unfiltered	13.7	V
Wheel Speed Left Front	0.000	MPH
Rotation Direction Left Front	Forward	
Wheel Speed Right Front	0.000	MPH
Rotation Direction Right Front	Forward	
Wheel Speed Left Rear	0.000	MPH
Rotation Direction Left Rear	Forward	
Wheel Speed Right Rear	0.000	MPH
Rotation Direction Right Rear	Forward	
Steering Wheel Angle	25.60	°
Longitudinal Acceleration	0.00	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	%
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	
Plant Mode	No	
EPB Mode Status	Static	
BLS High	No	
BLS Low	Yes	
Park Brake	Activated	
ESP-OFF mode	No	
Clutch	Not Activated	
Stop Coordinator Active	No	
Actual Gear	N	
Transmission selector lever setting	P	
Status Parking Brake Left	Brake is Fully Applied	
Status Parking Brake Right	Brake is Fully Applied	
EPB Switch Status	Idle	
Supplier Internal Code	310	

SGW | B2199-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Monitoring Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed This Monitoring Cycle	False	
Warning Indicator Requested	False	
DTCExtendedDataRecordNumber	Record \$01-\$8f	
Event Counter	Event counter for clear DTC memory	
Cycle to Switch Warning Lamp OFF	3 = error present (3 cycle consecutive for switch MIL OFF) 0 = error Not present 1..2 = number cycle consecutive for switch MIL OFF	

SNAPSHOT DATA SUMMARY

No Snapshot Data available for P16FA

No Snapshot Data available for U1817

No Snapshot Data available for U11C2

No Snapshot Data available for P0113

No Snapshot Data available for U0111

No Snapshot Data available for B210D-16

No Snapshot Data available for B21DD-84

No Snapshot Data available for B2199-17

No Snapshot Data available for B2199-16

No Snapshot Data available for B21DD-84

No Snapshot Data available for U0293-00

No Snapshot Data available for P1C8B-17

No Snapshot Data available for P1C8B-16

No Snapshot Data available for P1C8C-16

No Snapshot Data available for U1817-00

No Snapshot Data available for U0293-00

No Snapshot Data available for B210A-00

No Snapshot Data available for U0154-00

No Snapshot Data available for C2129-16

No Snapshot Data available for C212A-84

No Snapshot Data available for U0101-00

No Snapshot Data available for U0293-00

No Snapshot Data available for B210D-84

No Snapshot Data available for B21DD-84

No Snapshot Data available for U0422-00

No Snapshot Data available for B2860-15

No Snapshot Data available for B210C-16

No Snapshot Data available for B21DD-84

No Snapshot Data available for B2860-15

No Snapshot Data available for B210C-16

No Snapshot Data available for B21DD-84

No Snapshot Data available for B2199-16

No Snapshot Data available for B21DD-84

No Snapshot Data available for B2199-16

No Snapshot Data available for B21DD-84

No Snapshot Data available for U0422-00

No Snapshot Data available for U0422-00

No Snapshot Data available for B210D-21

No Snapshot Data available for B210A-84

No Snapshot Data available for B233C-00

No Snapshot Data available for B195F-12

No Snapshot Data available for B21DD-16

No Snapshot Data available for B2199-16

No Snapshot Data available for B2199-16

No Snapshot Data available for B21DD-84

No Snapshot Data available for B143B-12

No Snapshot Data available for B143C-12

No Snapshot Data available for B143E-12

No Snapshot Data available for B143F-12

No Snapshot Data available for U0293-00

No Snapshot Data available for B2199-16

No Snapshot Data available for B21DD-84

No Snapshot Data available for U0415-00

No Snapshot Data available for U0293-00

No Snapshot Data available for U0121-00

No Snapshot Data available for B21DD-16

No Snapshot Data available for B210C-16

No Snapshot Data available for C212A-16

No Snapshot Data available for U0293-00

No Snapshot Data available for U151A-87

No Snapshot Data available for C2129-16

No Snapshot Data available for C2227-00

No Snapshot Data available for U148D-00

No Snapshot Data available for U0293-00

No Snapshot Data available for U1215-00

No Snapshot Data available for B11C1-13

No Snapshot Data available for B210C-18

No Snapshot Data available for B21DD-84

No Snapshot Data available for U0002-00

No Snapshot Data available for B210A-16

No Snapshot Data available for B280B-00

No Snapshot Data available for B156F-00

No Snapshot Data available for B210A-00

No Snapshot Data available for B2199-16

No Snapshot Data available for B21DD-84

No Snapshot Data available for B21DD-84

No Snapshot Data available for B2199-16

No Snapshot Data available for U0422-00

No Snapshot Data available for B21DD-84

No Snapshot Data available for B2199-16

No Snapshot Data available for U0422-00

No Snapshot Data available for B210A-00

No Snapshot Data available for P0A0A-00

No Snapshot Data available for P0513-00

No Snapshot Data available for P062C-00

No Snapshot Data available for P0A3F-00

No Snapshot Data available for P0A43-00

No Snapshot Data available for P0A44-00

No Snapshot Data available for P0A45-00

No Snapshot Data available for P0A4A-00

No Snapshot Data available for P0C19-00

No Snapshot Data available for P0C1A-00

No Snapshot Data available for P1CDD-00

No Snapshot Data available for P215B-00

No Snapshot Data available for P26C3-00

No Snapshot Data available for U0287-00

No Snapshot Data available for U1852-00

No Snapshot Data available for P1CDD-00

No Snapshot Data available for B210D-21

No Snapshot Data available for B210A-84

No Snapshot Data available for B2199-16

No Snapshot Data available for B21DD-84

No Snapshot Data available for B2199-16

No Snapshot Data available for B21DD-84

No Snapshot Data available for B2199-16

No Snapshot Data available for B21DD-84

No Snapshot Data available for U0184-00

No Snapshot Data available for U0485-00

No Snapshot Data available for B2199-16

No Snapshot Data available for B21DD-84

No Snapshot Data available for U0422-00

No Snapshot Data available for P0562-00

No Snapshot Data available for U0293-00

No Snapshot Data available for U0293-00

SGW | B2199-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

Record 0

NAME	VALUE	UNITS
TestFailed	False	
TestFailedThisMonitoringCycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed This Monitoring Cycle	False	
Warning Indicator Requested	False	
DTC Snapshot Record Number	Record #1	
DTC Snapshot Record Number Of Identifiers	5	
Key On Counter	7179	
DTC Failure Type Byte	2F	
Power Supply Voltage		Volts



VEHICLE SCAN REPORT

Vehicle 2019 CHRYSLER PACIFICA (PHEV) 3.6L V6 PHEV HYBRID ENGINE
VIN 2C4RC1N74K [REDACTED]

Odometer 42008.7 miles
Publication Date Aug 22, 2022, 2:55:39 PM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
PCM	Powertrain Control Module	CAN-C	68416680AF	2C4RC1N74KR [REDACTED]	2C4RC1N74KR	68416680AF
ICS	Integrated Center Stack	CAN-I	6EV321X8AB	2C4RC1N74KR [REDACTED]	2C4RC1N74KR	6EV321X8AB
RFH	Radio Frequency Hub	CAN-C	68383680AB	2C4RC1N74KR [REDACTED]	2C4RC1N74KR	68383680AB
ESM	Electronic Shifter	CAN-C	68240089AL	2C4RC1N74KR [REDACTED]	2C4RC1N74KR	68240089AL
ORC	Occupant Restraint	CAN-C	68405567AB	2C4RC1N74KR [REDACTED]	2C4RC1N74KR	68405567AB
EPS	Electric Power Steering	CAN-C	68416741AA	2C4RC1N74KR [REDACTED]	2C4RC1N74KR	68416741AA
HVAC	Heat, Ventilation and A/C	CAN-I	68406613AA	2C4RC1N74KR [REDACTED]	2C4RC1N74KR	68406613AA
DDM	Driver Door Module	CAN-I	68316559AD	2C4RC1N74KR [REDACTED]	2C4RC1N74KR	68316559AD
PDM	Passenger Door Module	CAN-I	68316558AD	2C4RC1N74KR [REDACTED]	2C4RC1N74KR	68316558AD
DMRL	Door Module Rear Left	CAN-I	68225096AG	2C4RC1N74KR [REDACTED]	2C4RC1N74KR	68225096AG
DMRR	Door Module Rear Right	CAN-I	68225096AG	2C4RC1N74KR [REDACTED]	2C4RC1N74KR	68225096AG
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AB	2C4RC1N74KR [REDACTED]	2C4RC1N74KR	68369596AB
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AB	2C4RC1N74KR [REDACTED]	2C4RC1N74KR	68369596AB
MSM	Memory Seat Module	CAN-I	68321862AC	2C4RC1N74KR [REDACTED]	2C4RC1N74KR	68321862AC
PLGM	Power Liftgate	CAN-I	68316094AF	2C4RC1N74KR [REDACTED]	2C4RC1N74KR	68316094AF
AMP	Amplifier	CAN-I	68440634AA	2C4RC1N74KR [REDACTED]	2C4RC1N74KR	68440634AA
IPC	Instrument Panel Cluster	CAN-C	68405292AC	2C4RC1N74KR [REDACTED]	2C4RC1N74KR	68405292AC
PTS	Parktronics	CAN-C	68193775AJ	2C4RC1N74KR [REDACTED]	2C4RC1N74KR	68193775AJ
SCCM	Steering Column Control Module	CAN-C	68360889AB	2C4RC1N74KR [REDACTED]	2C4RC1N74KR	68360889AB
BCM	Body Controller	CAN-C	68402177AB	2C4RC1N74KR [REDACTED]	2C4RC1N74KR	68402177AB
ACC	Adaptive Cruise Control	CAN-C	04672758AA	2C4RC1N74KR [REDACTED]	2C4RC1N74KR	04672758AA

HSM	Heated Seat Module	CAN-I	68421106AA	2C4RC1N74KR	2C4RC1N74KR	68421106AA
RADIO	Radio	CAN-I	68401447AB	2C4RC1	2C4RC1N74KR	68401447AB
OCM	Occupant Classification	CAN-C	68403127AA	2C4RC1N74KR	2C4RC1N74KR	68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB	2C4RC1N74KR	2C4RC1N74KR	68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB	2C4RC1N74KR	2C4RC1N74KR	04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB	2C4RC1N74KR	2C4RC1N74KR	04672786AB
FFCM	Forward Facing Camera Module	CAN-C	04672776AA	2C4RC1N74KR	2C4RC1N74KR	04672776AA
EDM	External Disc Module	CAN-I	68378304AA	2C4RC1N74KR	2C4RC1N74KR	68378304AA
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1N74KR	2C4RC1N74KR	05185046AB
BPCM	Battery Pack Control Module	CAN-C	68429967AD	2C4RC1N74KR	2C4RC1N74KR	68429967AD
HCP	Hybrid Control Processor	CAN-C	05190240AQ	2C4RC1N74KR	2C4RC1N74KR	05190240AQ
OBCM	On Board Charging Module	CAN-C	05185047AD	2C4RC1N74KR	2C4RC1N74KR	05185047AD
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC	2C4RC1N74KR	2C4RC1N74KR	68321862AC
DSM	Display Screen Module	CAN-I	68316174AB	2C4RC1N74KR	2C4RC1N74KR	68316174AB
VRM	Video Routing Module	CAN-I	68376134AE	2C4RC1N74KR	2C4RC1N74KR	68376134AE
RCCC	Rear Cabin Comfort Controls	CAN-I	68395990AA	2C4RC1N74KR	2C4RC1N74KR	68395990AA
CVPM	Central vision processing module	CAN-I	68375113AB	2C4RC1N74KR	2C4RC1N74KR	68375113AB
EAC	Electric A/C Compressor	CAN-C	68237995AG	2C4RC1N74KR	2C4RC1N74KR	68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05190241AQ	2C4RC1N74KR	2C4RC1N74KR	05190241AQ
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB	2C4RC1N74KR	2C4RC1N74KR	68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68283578AD	2C4RC1N74KR	2C4RC1N74KR	68283578AD
SGW	Security Gateway Module	CAN-C	68420261AA		2C4RC1N74KR	68420261AA

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	SERIAL NUMBER	CVNS
PCM	USA	1B 47	46 03 01	4419		
ICS	USA	0F 0C 00	11 16 00	4700		
RFH	USA / USA	10 17 00	12 08 00	4A00		
ESM	USA / USA	0F 24 00	12 02 FF	4402		
ORC	USA / USA	11 1F 00	11 27 00	4301		
EPS	USA / USA	12 02 03	11 15 01	4502		
HVAC	USA	0E 09 00	11 29 01	4401		

DDM	USA / USA	11 30 00	17 42 00	4102
PDM	USA	11 30 00	17 42 00	4102
DMRL	USA / USA	10 0B 00	12 0C 00	4201
DMRR	USA / USA	10 0B 00	12 0C 00	4201
PSDML	USA / USA	10 17 00	11 2D 10	4001
PSDMR	USA / USA	10 17 00	11 2D 10	4001
MSM	USA	0F 2B 00	10 27 03	4101
PLGM	USA	17 19 00	18 22 00	4202
AMP	USA	0F 05 01	12 1A 01	4021
IPC	USA / USA	12 0A 00	12 10 00	4704
PTS	USA	0E 32 00	12 1F 00	4311
SCCM	USA	0E 30 00	10 2B 00	4301
BCM	USA	0D 11 00	12 0B 90	4415
ACC	USA / USA	12 0E 00	11 0D 00	4201
HSM	USA / USA	15 12 00	12 05 01	4003
RADIO	USA	12 21 24	12 21 24	8205
OCM	USA / USA	11 1F 01	0E 2F 02	4030
HVACR	USA	0E 09 00	10 03 02	4301
LBSS	USA / USA	11 30 02	12 0D 00	4202
RBSS	USA / USA	11 30 02	12 0D 00	4202
FFCM	USA / USA	11 06 00	11 2B 00	4102
EDM	USA	12 0A 00	11 08 00	4000
APM	USA / USA	11 32 00	11 32 00	4001
BPCM		0E 03 00	12 07 04	4005
HCP	USA	11 1D 07	14 08 01	4005
OBCM	USA	0F 0D 00	11 2B 00	4002
MSMP	USA	0F 2B 00	10 27 03	4001
DSM	USA / USA	11 16 00	11 15 00	4000
VRM	USA / USA	0F 1C 00	11 32 13	4001
RCCC	USA	0F 1D 00	11 16 00	4000
CVPM	USA / USA	11 32 01	12 33 00	4003
EAC	USA	0E 34 00	12 0F 00	4102
AHCP	USA	11 1D 07	14 08 01	4000
EBBM	USA	0E 19 02	14 0D 18	4000
ABSO	USA	0E 15 02	14 13 17	4201
SGW		5	564	4102

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
PCM	P16FA	Engine Disabled, No Immobilizer Signal from HCP	Active
PCM	U1817	Lost Communication With Hybrid Powertrain Control Module on D-PT	Active
PCM	U11C2	Implausible/Missing Transmission Message	Active
PCM	P0113	Intake Air Temperature Sensor 1 Circuit High	Pending
PCM	U0111	Lost Communication With Battery Energy Control Module	Stored

ICS	B210D-16	Battery Voltage Low-Circuit Voltage Below Threshold	Stored
ICS	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
RFH	B2199-17	Battery Voltage-Circuit Voltage Above Threshold	Stored
RFH	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
RFH	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
RFH	U0293-00	Lost Communication with Hybrid Control Module "A"-	Stored
ESM	P1C8B-17	Battery Voltage-Circuit Voltage Above Threshold	Stored
ESM	P1C8B-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
ESM	P1C8C-16	System Voltage-Circuit Voltage Below Threshold	Stored
ESM	U1817-00	Lost Communication With Hybrid Powertrain Control Module on D-PT-	Stored
ESM	U0293-00	Lost Communication with Hybrid Control Module "A"-	Stored
ORC	B210A-00	System Voltage Low-	Stored
ORC	U0154-00	Lost Communication With Occupant Classification Module-	Stored
EPS	C2129-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
EPS	C212A-84	System Voltage-Signal Below Allowable Range	Stored
EPS	U0101-00	Lost Communication with TCM-	Stored
EPS	U0293-00	Lost Communication with Hybrid Control Module "A"-	Stored
HVAC	B210D-84	Battery Voltage Low-Signal Below Allowable Range	Stored
HVAC	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
HVAC	U0422-00	Implausible Data Received From Body Control Module-	Stored
DDM	B2860-15	Door Ambient Light Control-Circuit Short to Battery or Open	Active
DDM	B210C-16	Battery Voltage Input-Circuit Voltage Below Threshold	Stored
DDM	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
PDM	B2860-15	Door Ambient Light Control-Circuit Short to Battery or Open	Active
PDM	B210C-16	Battery Voltage Input-Circuit Voltage Below Threshold	Stored
PDM	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
DMRL	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
DMRL	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
DMRR	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
DMRR	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
PSDML	U0422-00	Implausible Data Received From Body Control Module-	Stored
PSDMR	U0422-00	Implausible Data Received From Body Control Module-	Stored
MSM	B210D-21	Battery Voltage Low-Signal Amplitude < Minimum	Stored
MSM	B210A-84	System Voltage Low-Signal Below Allowable Range	Stored
MSM	B233C-00	Commanded Position Not Reachable-	Stored
PLGM	B195F-12	Power Liftgate Chime Control-Circuit Short to Battery	Active
PLGM	B21DD-16	System Voltage-Circuit Voltage Below Threshold	Stored
PLGM	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
AMP	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
AMP	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
AMP	B143B-12	ANC Microphone 1-Circuit Short to Battery	Stored
AMP	B143C-12	ANC Microphone 2-Circuit Short to Battery	Stored
AMP	B143E-12	ANC Microphone 3-Circuit Short to Battery	Stored
AMP	B143F-12	ANC Microphone 4-Circuit Short to Battery	Stored

IPC	U0293-00	Lost Communication with Hybrid Control Module "A"-	Stored
IPC	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
IPC	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
PTS	U0415-00	Invalid Data Received from Anti-Lock Brake System (ABS) Control Module "A"-	Active
PTS	U0293-00	Lost Communication with Hybrid Control Module "A"-	Stored
PTS	U0121-00	Lost Communication With Anti-Lock Brake System (ABS) Control Module "A"-	Stored
PTS	B21DD-16	System Voltage-Circuit Voltage Below Threshold	Stored
PTS	B210C-16	Battery Voltage Input-Circuit Voltage Below Threshold	Stored
SCCM	C212A-16	System Voltage-Circuit Voltage Below Threshold	Stored
BCM	U0293-00	Lost Communication with Hybrid Control Module "A"-	Stored
BCM	U151A-87	Hybrid Control Processor Secret Code-Missing Message	Active
ACC	C2129-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
ACC	C2227-00	ABS Disabled ECU-	Active
ACC	U148D-00	Implausible Data Received from Forward Facing Camera-	Stored
ACC	U0293-00	Lost Communication with Hybrid Control Module "A"-	Stored
ACC	U1215-00	Lost Communication with Forward Facing Camera-	Stored
HSM	B11C1-13	Steering Wheel Heater Power Supply Circuit-Circuit Open	Stored
HSM	B210C-18	Battery Voltage Input-Under Current	Stored
HSM	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
RADIO	U0002-00	CAN C Bus Off Performance-	Active
RADIO	B210A-16	System Voltage Low-Circuit Voltage Below Threshold	Active
RADIO	B280B-00	NTSC Video Input-	Active
RADIO	B156F-00	WiFi Antenna-	Active
OCM	B210A-00	System Voltage Low-	Stored
HVACR	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
HVACR	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
LBSS	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
LBSS	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Active
LBSS	U0422-00	Implausible Data Received From Body Control Module-	Stored
RBSS	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
RBSS	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Active
RBSS	U0422-00	Implausible Data Received From Body Control Module-	Stored
EDM	B210A-00	System Voltage Low-	Stored
BPCM	P0A0A-00	High Voltage System Interlock Circuit "A"-	Stored
HCP	P0513-00	Invalid SKIM Key-	Active
HCP	P062C-00	Internal Control Module Vehicle Speed Performance-	Active
HCP	P0A3F-00	Drive Motor A Position Sensor 1 Circuit-	Active
HCP	P0A43-00	Drive Motor "A" Position Sensor Circuit Intermittent-	Stored
HCP	P0A44-00	Drive Motor A Position Sensor 1 Circuit Overspeed-	Active
HCP	P0A45-00	Drive Motor B Position Sensor 1 Circuit-	Active
HCP	P0A4A-00	Drive Motor B Position Sensor 1 Circuit Overspeed-	Active
HCP	P0C19-00	Drive Motor A Torque Delivered Performance-	Active
HCP	P0C1A-00	Drive Motor B Torque Delivered Performance-	Active
HCP	P1CDD-00	Hybrid/EV Wakeup Control 2 Output Circuit/Open-	Pending

HCP	P215B-00	Vehicle Speed - Output Shaft Speed Correlation-	Active
HCP	P26C3-00	Internal Control Module Electronic Shifter Performance-	Active
HCP	U0287-00	Lost Communication With Transmission Fluid Pump Module 1-	Active
HCP	U1852-00	Implausible Data Received from ABS on D-PT-	Active
OBCM	P1CDD-00	Hybrid/EV Wakeup Control 2 Output Circuit/Open-	Stored
MSMP	B210D-21	Battery Voltage Low-Signal Amplitude < Minimum	Stored
MSMP	B210A-84	System Voltage Low-Signal Below Allowable Range	Stored
DSM	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
DSM	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
VRM	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
VRM	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
RCCC	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
RCCC	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
CVPM	U0184-00	Lost Communication With Radio-	Stored
CVPM	U0485-00	Implausible Data Received From Radio-	Stored
CVPM	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored
CVPM	B21DD-84	System Voltage-Signal Below Allowable Range	Stored
CVPM	U0422-00	Implausible Data Received From Body Control Module-	Stored
EBBM	P0562-00	System Voltage Low-	Stored
EBBM	U0293-00	Lost Communication with Hybrid Control Module "A"-	Active
ABSO	U0293-00	Lost Communication with Hybrid Control Module "A"-	Active
SGW	B2199-16	Battery Voltage-Circuit Voltage Below Threshold	Stored

ENVIRONMENTAL DATA SUMMARY

PCM | P16FA | Active | Engine Disabled, No Immobilizer Signal from HCP

NAME	VALUE	UNITS
Number of DTC	1	
DTC	16 FA	
DTC Readiness Flag	Not Complete	
DTC Storage State	Active	
Warning Indicator Request State	Off	
Odometer	41883.4	miles
Accumulation Timer	5	minutes
Ignition Key Cycles	0	
Starts Since Set Counter	0	
Key Cycles Since DTC Last Set Counter	0	
Warm Up Cycles	0	
Good Trip Counter	0	

PCM | U1817 | Active | Lost Communication With Hybrid Powertrain Control Module on D-PT

NAME	VALUE	UNITS
Number of DTC	1	
DTC	D8 17	

DTC Readiness Flag	Not Complete	
DTC Storage State	Active	
Warning Indicator Request State	On	
Odometer	41883.4	miles
Accumulation Timer	8	minutes
Ignition Key Cycles	0	
Starts Since Set Counter	0	
Key Cycles Since DTC Last Set Counter	0	
Warm Up Cycles	0	
Good Trip Counter	0	

PCM | U11C2 | Active | Implausible/Missing Transmission Message

NAME	VALUE	UNITS
Number of DTC	1	
DTC	D1 C2	
DTC Readiness Flag	Not Complete	
DTC Storage State	Active	
Warning Indicator Request State	Off	
Odometer	41883.4	miles
Accumulation Timer	8	minutes
Ignition Key Cycles	0	
Starts Since Set Counter	0	
Key Cycles Since DTC Last Set Counter	0	
Warm Up Cycles	0	
Good Trip Counter	0	

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

NAME	VALUE	UNITS
Number of DTC	0	
DTC		
DTC Readiness Flag		
DTC Storage State		
Warning Indicator Request State		
Odometer		miles
Accumulation Timer		minutes
Ignition Key Cycles		
Starts Since Set Counter		
Key Cycles Since DTC Last Set Counter		
Warm Up Cycles		
Good Trip Counter		

PCM | U0111 | Stored | Lost Communication With Battery Energy Control Module

NAME	VALUE	UNITS
Number of DTC	0	

DTC		
DTC Readiness Flag		
DTC Storage State		
Warning Indicator Request State		
Odometer		miles
Accumulation Timer		minutes
Ignition Key Cycles		
Starts Since Set Counter		
Key Cycles Since DTC Last Set Counter		
Warm Up Cycles		
Good Trip Counter		

ICS | B210D-16 | Stored | Battery Voltage Low-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	2	

ICS | B21DD-84 | Stored | System Voltage-Signal Below Allowable Range

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	

Ignition Cycle Counter

2

RFH | B2199-17 | Stored | Battery Voltage-Circuit Voltage Above Threshold

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	True	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	1	

RFH | B2199-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	2	

RFH | B21DD-84 | Stored | System Voltage-Signal Below Allowable Range

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

Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	1	

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

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	True	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	1	

ESM | P1C8B-17 | Stored | Battery Voltage-Circuit Voltage Above Threshold

NAME	VALUE	UNITS
DTC	1C 8B 17	
Test Failed	False	
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	
Occurrence flag	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	1	
Ignition Status	Ignition Lock	
Operating Voltage	16.4	Volts

Operation Time

227024

Min

ESM | P1C8B-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
DTC	1C 8B 16	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	3	
Ignition Cycle Counter	2	
Ignition Status	Ignition Run	
Operating Voltage	10.0	Volts
Operation Time	227159	Min

ESM | P1C8C-16 | Stored | System Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
DTC	1C 8C 16	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	3	
Ignition Cycle Counter	2	
Ignition Status	Ignition Run	
Operating Voltage	10.0	Volts
Operation Time	227159	Min

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

NAME	VALUE	UNITS
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DTC	D8 17 00	
Test Failed	False	
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	
Occurrence flag	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	1	
Ignition Status	Ignition Run	
Operating Voltage	12.0	Volts
Operation Time	227036	Min

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

NAME	VALUE	UNITS
DTC	C2 93 00	
Test Failed	False	
Test Failed This Operation Cycle	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	
Occurrence flag	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	1	
Ignition Status	Ignition Run	
Operating Voltage	12.0	Volts
Operation Time	227036	Min

ORC | B210A-00 | Stored | System Voltage Low-

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	

Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Operation Cycle Counter	1	
DTC Extended Data Record Number - All	FF	

ORC | U0154-00 | Stored | Lost Communication With Occupant Classification Module-

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Operation Cycle Counter	1	
DTC Extended Data Record Number - All	FF	

EPS | C2129-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
DTC	61 29 16	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	1	

Supplier Internal Fault Code	00 B1 00	
EPS Internal Filtered Vehicle Speed	0.000	MPH
EPS Internal Steering Wheel Angle (Sign convention is positive angle towards left steering lock)	-24.08	Deg
EPS Steering Wheel Velocity	-0.00	deg/s
EPS System Current Draw	1	A
EPS Measured Module Voltage	9.92	V
EPS Steering Wheel Torque	0.0576	Ft-Lbs
EPS Measured Module Temperature	79.0	°F
CAN Battery Voltage	9.9	Volts

EPS | C212A-84 | Stored | System Voltage-Signal Below Allowable Range

NAME	VALUE	UNITS
DTC	61 2A 84	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	1	
Supplier Internal Fault Code	01 4E 01	
EPS Internal Filtered Vehicle Speed	0.000	MPH
EPS Internal Steering Wheel Angle (Sign convention is positive angle towards left steering lock)	-24.08	Deg
EPS Steering Wheel Velocity	-0.00	deg/s
EPS System Current Draw	1	A
EPS Measured Module Voltage	9.94	V
EPS Steering Wheel Torque	0.0576	Ft-Lbs
EPS Measured Module Temperature	79.0	°F
CAN Battery Voltage	9.9	Volts

EPS | U0101-00 | Stored | Lost Communication with TCM-

NAME	VALUE	UNITS
DTC	C1 01 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	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	1	
Supplier Internal Fault Code	01 A9 01	
EPS Internal Filtered Vehicle Speed	0.000	MPH
EPS Internal Steering Wheel Angle (Sign convention is positive angle towards left steering lock)	-23.95	Deg
EPS Steering Wheel Velocity	-0.00	deg/s
EPS System Current Draw	0	A
EPS Measured Module Voltage	12.04	V
EPS Steering Wheel Torque	0.0634	Ft-Lbs
EPS Measured Module Temperature	77.6	°F
CAN Battery Voltage	12.1	Volts

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

NAME	VALUE	UNITS
DTC	C2 93 00	
Test Failed	False	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	1	
Supplier Internal Fault Code	01 E0 01	
EPS Internal Filtered Vehicle Speed	0.000	MPH
EPS Internal Steering Wheel Angle (Sign convention is positive angle towards left steering lock)	-23.95	Deg
EPS Steering Wheel Velocity	-0.00	deg/s
EPS System Current Draw	0	A
EPS Measured Module Voltage	12.05	V
EPS Steering Wheel Torque	0.0576	Ft-Lbs
EPS Measured Module Temperature	77.6	°F
CAN Battery Voltage	12.1	Volts

HVAC | B210D-84 | Stored | Battery Voltage Low-Signal Below Allowable Range

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	1	

HVAC | B21DD-84 | Stored | System Voltage-Signal Below Allowable Range

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	1	

HVAC | U0422-00 | Stored | Implausible Data Received From Body Control Module-

NAME	VALUE	UNITS
Test Failed	False	
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	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles

Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	1	

DDM | B2860-15 | Active | Door Ambient Light Control-Circuit Short to Battery or Open

NAME	VALUE	UNITS
Test Failed	True	
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	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Operation Cycle Counter	0	

DDM | B210C-16 | Stored | Battery Voltage Input-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Operation Cycle Counter	2	

DDM | B21DD-84 | Stored | System Voltage-Signal Below Allowable Range

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	

Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Operation Cycle Counter	2	

PDM | B2860-15 | Active | Door Ambient Light Control-Circuit Short to Battery or Open

NAME	VALUE	UNITS
Test Failed	True	
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	
Frequency Counter	1	
Operation Cycle Counter	0	
Most Recent Odometer Value	42005	miles
Original Odometer Value	42005	miles

PDM | B210C-16 | Stored | Battery Voltage Input-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Frequency Counter	1	
Operation Cycle Counter	2	
Most Recent Odometer Value	42005	miles
Original Odometer Value	42005	miles

PDM | B21DD-84 | Stored | System Voltage-Signal Below Allowable Range

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Frequency Counter	1	
Operation Cycle Counter	2	
Most Recent Odometer Value	42005	miles
Original Odometer Value	42005	miles

DMRL | B2199-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	2	

DMRL | B21DD-84 | Stored | System Voltage-Signal Below Allowable Range

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

DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	2	

DMRR | B2199-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	2	

DMRR | B21DD-84 | Stored | System Voltage-Signal Below Allowable Range

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	2	

PSDML | U0422-00 | Stored | Implausible Data Received From Body Control Module-

NAME	VALUE	UNITS
Test Failed	False	

Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	FF	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	1	

PSDMR | U0422-00 | Stored | Implausible Data Received From Body Control Module-

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	FF	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	1	

MSM | B210D-21 | Stored | Battery Voltage Low-Signal Amplitude < Minimum

NAME	VALUE	UNITS
DTC	A1 0D 21	
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	Occurrence	

Original Odometer Value	41945	miles
Most Recent Odometer Value	41945	miles
Frequency Counter	1	
Ignition Cycle Counter	1	
DTC Extended Data Record Number	11	
Calibration Version	03 09 00 01	
Front Hard Stop - Current	32997	Counts
Rear Hard Stop - Current	32214	Counts
Learned Seat Travel - Current	783	Counts
Default Seat travel length	780	Counts
Destandardization Reason	Diagnostics	
Front Hard Stop - Pre-destandardization	Not Learned	Counts
Rear Hard Stop - Pre-destandardization	Not Learned	Counts
Learned Seat Travel - Pre-destandardization	Not Learned	Counts
Front Hard Stop - Post-destandardization	32997	Counts
Rear Hard Stop - Post-destandardization	32214	Counts
Learned Seat Travel - Post-destandardization	783	Counts
ECU Voltage	1.572	Volts
Number of ECU hard resets since latest calibration	111	Counts
Vertical Front motor sensor - Short to ground	False	
Vertical Rear motor sensor - Short to ground	False	
Vertical Front motor sensor - Short to battery or open	False	
Vertical Rear motor sensor - Short to battery or open	False	
Horizontal motor sensor - Short to ground	False	
Horizontal motor sensor - Short to battery or open	False	
Recliner motor sensor - Short to ground	False	
Recliner motor sensor - Short to battery or open	False	
Position Horizontal Adjustment	32424	Counts
Position Vertical Rear	33445	Counts
Position Recliner	32212	Counts
Position Vertical Front	32827	Counts
Movement Direction - Horizontal Motor	Motor not moving	
Movement Direction - Recliner Motor	Motor not moving	
Movement Direction - Vertical Front Motor	Motor not moving	
Movement Direction - Vertical Rear Motor	Motor not moving	
ECU configuration - Vehicle Line	RU	
ECU configuration - Adjustable Pedals	False	
ECU configuration - Telescope/Tilt	False	
ECU configuration - Memory Seat	True	
ECU configuration - Stow n Assist	True	

MSM | B210A-84 | Stored | System Voltage Low-Signal Below Allowable Range

NAME	VALUE	UNITS
DTC	A1 0A 84	

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	Occurrence	
Original Odometer Value	41945	miles
Most Recent Odometer Value	41945	miles
Frequency Counter	1	
Ignition Cycle Counter	1	
DTC Extended Data Record Number	0F	
Calibration Version	03 09 00 01	
Front Hard Stop - Current	32997	Counts
Rear Hard Stop - Current	32214	Counts
Learned Seat Travel - Current	783	Counts
Default Seat travel length	780	Counts
Destandardization Reason	Diagnostics	
Front Hard Stop - Pre-destandardization	Not Learned	Counts
Rear Hard Stop - Pre-destandardization	Not Learned	Counts
Learned Seat Travel - Pre-destandardization	Not Learned	Counts
Front Hard Stop - Post-destandardization	32997	Counts
Rear Hard Stop - Post-destandardization	32214	Counts
Learned Seat Travel - Post-destandardization	783	Counts
ECU Voltage	1.753	Volts
Number of ECU hard resets since latest calibration	111	Counts
Vertical Front motor sensor - Short to ground	False	
Vertical Rear motor sensor - Short to ground	False	
Vertical Front motor sensor - Short to battery or open	False	
Vertical Rear motor sensor - Short to battery or open	False	
Horizontal motor sensor - Short to ground	False	
Horizontal motor sensor - Short to battery or open	False	
Recliner motor sensor - Short to ground	False	
Recliner motor sensor - Short to battery or open	False	
Position Horizontal Adjustment	32424	Counts
Position Vertical Rear	33445	Counts
Position Recliner	32212	Counts
Position Vertical Front	32827	Counts
Movement Direction - Horizontal Motor	Motor not moving	
Movement Direction - Recliner Motor	Motor not moving	
Movement Direction - Vertical Front Motor	Motor not moving	

Movement Direction - Vertical Rear Motor	Motor not moving	
ECU configuration - Vehicle Line	RU	
ECU configuration - Adjustable Pedals	False	
ECU configuration - Telescope/Tilt	False	
ECU configuration - Memory Seat	True	
ECU configuration - Stow n Assist	True	

MSM | B233C-00 | Stored | Commanded Position Not Reachable-

NAME	VALUE	UNITS
Failed Movement Information - Horizontal Motor	Movement aborted by operator	
Failed Movement Information - Recliner Motor	No Failed Movement	
Failed Movement Information - Vertical Front Motor	No Failed Movement	
Failed Movement Information - Vertical Rear Motor	No Failed Movement	
Obstacle Detection Location - Horizontal Motor	No Obstacle Detected	Counts
Horizontal Motor Position - end of movement	32346	Counts
Recliner Motor Position - end of movement	32212	Counts
Vertical Front Motor Position - end of movement	32827	Counts
Vertical Rear Motor Position - end of movement	33445	Counts
Horizontal Motor Position - start of movement	32244	Counts
Recliner Motor Position - start of movement	32212	Counts
Vertical Front Motor Position - start of movement	32827	Counts
Vertical Rear Motor Position - start of movement	33445	Counts
ECU Voltage - at start of movement	2F82	Volts
ECU Voltage - minimum voltage during movement	2DDA	Volts
Movement Direction - Recliner Motor	Motor not moving	
Movement Direction - Horizontal Motor	Forward / Up	
Movement Direction - Vertical Front Motor	Motor not moving	
Movement Direction - Vertical Rear Motor	Motor not moving	

PLGM | B195F-12 | Active | Power Liftgate Chime Control-Circuit Short to Battery

NAME	VALUE	UNITS
Test Failed	True	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Original Odometer Value	41647	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	182	
Operation Cycle Counter	0	

PLGM | B21DD-16 | Stored | System Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	2	
Operation Cycle Counter	0	

PLGM | B2199-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	3	
Operation Cycle Counter	0	

AMP | B2199-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

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

Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	2	
Ignition Cycle Counter	2	

AMP | B21DD-84 | Stored | System Voltage-Signal Below Allowable Range

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	2	

AMP | B143B-12 | Stored | ANC Microphone 1-Circuit Short to Battery

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	2	

AMP | B143C-12 | Stored | ANC Microphone 2-Circuit Short to Battery

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	

Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	2	

AMP | B143E-12 | Stored | ANC Microphone 3-Circuit Short to Battery

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	2	

AMP | B143F-12 | Stored | ANC Microphone 4-Circuit Short to Battery

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	

Ignition Cycle Counter

2

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

NAME	VALUE	UNITS
Test Failed	False	
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	FF	
Occurrence flag	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	2	
Ignition Cycle Counter	0	

IPC | B2199-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	FF	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	0	

IPC | B21DD-84 | Stored | System Voltage-Signal Below Allowable Range

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

Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	FF	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	0	

PTS | U0415-00 | Active | Invalid Data Received from Anti-Lock Brake System (ABS) Control Module "A"-

NAME	VALUE	UNITS
DTC	C4 15 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	03	
Occurrence flag	Occurrence	
Original Odometer Value	0	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	2	
DC/DC Converter Voltage	01	Volt

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

NAME	VALUE	UNITS
DTC	C2 93 00	
Test Failed	False	
Test Failed This Operation Cycle	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	ERROR	
Original Odometer Value	0	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
DC/DC Converter Voltage	01	Volt

PTS | U0121-00 | Stored | Lost Communication With Anti-Lock Brake System (ABS) Control Module "A"-

NAME	VALUE	UNITS
DTC	C1 21 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	03	
Occurrence flag	Occurrence	
Original Odometer Value	0	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
DC/DC Converter Voltage	01	Volt

PTS | B21DD-16 | Stored | System Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
DTC	A1 DD 16	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	03	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
DC/DC Converter Voltage	01	Volt

PTS | B210C-16 | Stored | Battery Voltage Input-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
DTC	A1 0C 16	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	

Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	03	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
DC/DC Converter Voltage	01	Volt

SCCM | C212A-16 | Stored | System Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
DTC	61 2A 16	
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	21485	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	2	
Ignition Cycle Counter	2	
DTC Extended Data Record Number - 2	02	
Ignition Status	Ignition Run	
Operating Voltage	9.9	Volts
Sub-Faults Saved	00 00	
Sub-Faults Active	00 01	

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

NAME	VALUE	UNITS
Test Failed	False	
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	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	1	

BCM | U151A-87 | Active | Hybrid Control Processor Secret Code-Missing Message

NAME	VALUE	UNITS
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	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	0	

ACC | C2129-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Operation Cycle Counter	1	
Vehicle Speed	0	MPH
Engine RPM	0	rpm
ACC Set Speed	0	MPH
Object of Interest Distance	830	FEET
Engine Torque Request	SNA	Ft-Lbs
PRNDL Status	P range	

Ignition Voltage	9.0	
System Voltage	9.1	Volts

ACC | C2227-00 | Active | ABS Disabled ECU-

NAME	VALUE	UNITS
Test Failed	True	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	2	
Operation Cycle Counter	0	
Vehicle Speed	0	MPH
Engine RPM	0	rpm
ACC Set Speed	0	MPH
Object of Interest Distance	830	FEET
Engine Torque Request	SNA	Ft-Lbs
PRNDL Status	P range	
Ignition Voltage	12.0	
System Voltage	12.1	Volts

ACC | U148D-00 | Stored | Implausible Data Received from Forward Facing Camera-

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	255	
Operation Cycle Counter	0	
Vehicle Speed	0	MPH
Engine RPM	0	rpm

ACC Set Speed	0	MPH
Object of Interest Distance	830	FEET
Engine Torque Request	SNA	Ft-Lbs
PRNDL Status	P range	
Ignition Voltage	5.7	
System Voltage	5.9	Volts

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

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Operation Cycle Counter	0	
Vehicle Speed	0	MPH
Engine RPM	0	rpm
ACC Set Speed	0	MPH
Object of Interest Distance	830	FEET
Engine Torque Request	SNA	Ft-Lbs
PRNDL Status	P range	
Ignition Voltage	11.9	
System Voltage	12.1	Volts

ACC | U1215-00 | Stored | Lost Communication with Forward Facing Camera-

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles

Frequency Counter	6	
Operation Cycle Counter	1	
Vehicle Speed	0	MPH
Engine RPM	0	rpm
ACC Set Speed	0	MPH
Object of Interest Distance	830	FEET
Engine Torque Request	SNA	Ft-Lbs
PRNDL Status	P range	
Ignition Voltage	5.7	
System Voltage	5.9	Volts

HSM | B11C1-13 | Stored | Steering Wheel Heater Power Supply Circuit-Circuit Open

NAME	VALUE	UNITS
DTC	91 C1 13	
DTC Extended Data Record Number - All	01	
Confirmed DTC	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Frequency Counter	1	
Test Not Completed Since Last Clear	False	
Occurrence flag	ERROR	
Operation Cycle Counter	1	
Most Recent Odometer Value	205838	miles
Pending DTC	False	
Test Failed Since Last Clear	True	
Test Failed	False	
Test Failed This Operation Cycle	False	
Original Odometer Value	205838	miles

HSM | B210C-18 | Stored | Battery Voltage Input-Under Current

NAME	VALUE	UNITS
DTC	A1 0C 18	
DTC Extended Data Record Number - All	01	
Confirmed DTC	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Frequency Counter	1	
Test Not Completed Since Last Clear	False	
Occurrence flag	Occurrence	
Operation Cycle Counter	1	
Most Recent Odometer Value	205838	miles
Pending DTC	False	
Test Failed Since Last Clear	True	
Test Failed	False	

Test Failed This Operation Cycle	False	
Original Odometer Value	205838	miles

HSM | B21DD-84 | Stored | System Voltage-Signal Below Allowable Range

NAME	VALUE	UNITS
DTC	A1 DD 84	
DTC Extended Data Record Number - All	01	
Confirmed DTC	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Frequency Counter	1	
Test Not Completed Since Last Clear	False	
Occurrence flag	Occurrence	
Operation Cycle Counter	1	
Most Recent Odometer Value	205838	miles
Pending DTC	False	
Test Failed Since Last Clear	True	
Test Failed	False	
Test Failed This Operation Cycle	False	
Original Odometer Value	205838	miles

RADIO | U0002-00 | Active | CAN C Bus Off Performance-

NAME	VALUE	UNITS
DTCTable	C0 02 00	
TestFailed	True	
TestFailedThisMonitoringCycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed This Monitoring Cycle	False	
Warning Indicator Requested	False	
DTCEXtendedDataRecordNumber	FF	
Occurance Flag	Occurrence	
Reserved	Reserved	
Original Odometer Value	41905	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	3	
Ignition Counter	0	
RDI \$6080	60 80	
Event Counter	61	

RADIO | B210A-16 | Active | System Voltage Low-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
DTCTable	A1 0A 16	
TestFailed	True	

TestFailedThisMonitoringCycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed This Monitoring Cycle	False	
Warning Indicator Requested	False	
DTCExtendedDataRecordNumber	FF	
Occurance Flag	Occurrence	
Reserved	Reserved	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	2	
Ignition Counter	0	
RDI \$6080	60 80	
Event Counter	64	

RADIO | B280B-00 | Active | NTSC Video Input-

NAME	VALUE	UNITS
DTCTable	A8 0B 00	
TestFailed	True	
TestFailedThisMonitoringCycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed This Monitoring Cycle	False	
Warning Indicator Requested	False	
DTCExtendedDataRecordNumber	FF	
Occurance Flag	Occurrence	
Reserved	Reserved	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Counter	0	
RDI \$6080	60 80	
Event Counter	64	

RADIO | B156F-00 | Active | WiFi Antenna-

NAME	VALUE	UNITS
DTCTable	95 6F 00	
TestFailed	True	
TestFailedThisMonitoringCycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed This Monitoring Cycle	False	
Warning Indicator Requested	False	
DTCExtendedDataRecordNumber	FF	

Occurance Flag	Occurrence	
Reserved	Reserved	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Counter	0	
RDI \$6080	60 80	
Event Counter	64	

OCM | B210A-00 | Stored | System Voltage Low-

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	2	
Ignition Cycle Counter	2	

HVACR | B2199-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	2	

HVACR | B21DD-84 | Stored | System Voltage-Signal Below Allowable Range

NAME	VALUE	UNITS
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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	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	2	

LBSS | B21DD-84 | Stored | System Voltage-Signal Below Allowable Range

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Operation Cycle Counter	1	

LBSS | B2199-16 | Active | Battery Voltage-Circuit Voltage Below Threshold

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

Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Operation Cycle Counter	0	

LBSS | U0422-00 | Stored | Implausible Data Received From Body Control Module-

NAME	VALUE	UNITS
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	01	
Occurrence flag	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Operation Cycle Counter	1	

RBSS | B21DD-84 | Stored | System Voltage-Signal Below Allowable Range

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Operation Cycle Counter	1	

RBSS | B2199-16 | Active | Battery Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
Test Failed	True	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	

Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	True	
Warning Indicator Requested	True	
DTC Extended Data Record Number - All	01	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Operation Cycle Counter	0	

RBSS | U0422-00 | Stored | Implausible Data Received From Body Control Module-

NAME	VALUE	UNITS
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	01	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Operation Cycle Counter	1	

EDM | B210A-00 | Stored | System Voltage Low-

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	1	

BPCM | P0A0A-00 | Stored | High Voltage System Interlock Circuit "A"-

NAME	VALUE	UNITS
DTC	0A 0A 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	
Occurrence flag	ERROR	
Original Odometer Value	0	miles
Most Recent Odometer Value	0	miles
Frequency Counter	1	
Ignition Cycle Counter	1	
FoM - for this DTC (lifetime fails)	17	events
FoM - for this DTC (lifetime fails counts on pass)	34.1600	seconds
FoM - for this DTC (lifetime longest fail on pass)	0.100	seconds
Battery Total Time Awake	119528648	seconds
Key in Ignition	Key_Def	
Key Position	Ign_Run	
EPT -WakeUp	Sourced	
HCP Contactor Command	Impact Open	
Qualified Contactor Command - QCC	Open	
Verified Contactor Command - VCC	Invalid	
Contactor Status	Open	
Plug in Status	Not plugged in	
ChargingLevel	Plug in, but no charge	
Balance Mode	False	
Battery in Periodic wake up (Just battery) at time of Fault	False	
Battery in Periodic wake up (Wake up vehicle) at time of Fault	False	
Vehicle mileage at time of fault (ODO signal in \$3D2)	0.00	miles
Battery Lifetime Miles	7.15	miles
Vehicle Speed	0.0	MPH
System (12) Volts at time of fault	13.085	Volts
Battery Lifetime AmpHrs of Charge	0.0	AHr
Battery Lifetime AmpHrs of DisCharge	0.0	AHr
SOC at time of Fault	0.0	%
Power Up SOC at time of Fault	0.0	%
HVIL Status -Vehicle	Not Sourced	
HVIL Status - Battery pack	PASS	
HVIL PWM Duty Cycle - Vehicle	0.0	%
HVIL PWM Frequency - Vehicle	0.0	Hz
HVIL PWM peak voltage Sourced - Vehicle	13.451	Volts

HVIL PWM peak voltage Sensed - Vehicle	0.305	Volts
HVIL Source Voltage- Battery	1.377	Volts
HVIL Returned current - Battery	30.40	mA
HV Battery Current Sensor 1 Hall High	-1.05	Amps
HV Battery Current Sensor 2 Hall Low	-0.05	Amps
HV Battery Current HVBatCrnt	0.00	Amps
HV Cooling Speed Pump 1 Target	725	rpm
HV Cooling Speed pump 1 Speed	725	rpm
Charge indicator Temp	81	°F
BPCM temperature max	-40	°F
BPCM temperature min	-40	°F
Pump - Wire Open\Short to Gnd	PASS	
Pump - Dry Run Detection	PASS	
Pump - Overcurrent	PASS	
Pump - Overtemperature	PASS	
Pump - Switch Power Shorted	PASS	
Isolation Circuitry Va	2.498	Volts
Isolation Circuitry Vb	2.501	Volts
Isolation Circuitry Vd	0.000	Volts
WC and Circuitry 2.5V Reference Voltage	2.501	Volts
WC and Circuitry Vcc Voltage	5.009	Volts
WC and CircuitryISO 8V Reference Voltage	8.000	Volts
WC and Circuitry Weld Contactor Sensor G (Pack Negative) Voltage	0.0	Volts
CVTN COMP ERR H	Normal	
CVTN COMP ERR L	Normal	
CVTN COMP FLT H	Normal	
CVTN COMP FLT L	Latched	
CVTN EDGE ERR H	Normal	
CVTN EDGE ERR L	Normal	
CVTN ABORT H	Normal	
CVTN ABORT L	Normal	
CVTN CRC FAULT H	Normal	
CVTN CRC FAULT L	Normal	
CVTN FRAM ERR	Normal	
CVTN STOP ERR	Normal	
CVTN STK FAULT ERR	Latched	
CVTN SYS RESET	Normal	
CVTN COMM TIMEOUT	Normal	
CVTN VDIG WAKE FAULT	Normal	
CVTN INT TEMP FAULT	Normal	
CVTN VDIG FAULT	Normal	
CVTN VM FAULT	Normal	
CVTN VP FAULT	Normal	
CVTN VP CLAMP	Normal	

CVTN FACT CKSUM ERR	Normal	
CVTN ANALOG FAULT ERR	Normal	
CVTN HREF FAULT	SNA	
CVTN HREF GND FAULT	Normal	
CVTN ADC CAL ERR	Active	
CVTN CUST ECC COR	Normal	
CVTN CUST ECC ERR	SNA	
CVTN FACT ECC COR	SNA	
CVTN ACT ECC ERR	SNA	
Cycles left to self heal	40	No Unit
Fault trigger level 1	False	
Fault trigger level 2	False	
Fault trigger level 3	False	
Fault Path	01	
HV Battery Charge Power 2sec	0	watts
HV Battery Charge Power 10sec	0	watts
HV Battery Discharge Power 2sec	0	watts
HV Battery Discharge Power 10sec	0	watts
HV Battery Power	007530	watts
Key - DriveRdy (CAN)	False	
Battery Lifetime Number Of Closes	12377	
Battery Full AmpHr Capacity	0	AmpHrs
Cell Impedance Max Discharge	0	mOhms
Cell Impedance Mim Discharge	0	mOhms
Battery Cell Voltage Maximum	0	mV
Battery Cell Voltage Minimum	34464	mV
Battery Cell Voltage Average	3924	mV
Battery Cell Highest Cell number	00	
Battery Cell Lowest Cell number	00	
HV Battery Voltage (cell sum)	0.00	Volts
HV Battery Voltage (Module Sum)	0.00	Volts
HV Sensor A Pack Voltage	376.70	Volts
HV Sensor B Bus\Link (Pre-Fuse) Voltage	1.20	Volts
HV Sensor C OBCM (HVOBC Fuse) Voltage	0.70	Volts
HV Sensor D Heater (HVHTR Fuse) Voltage	0.70	Volts
HV Sensor G Weld Contactor(Pack Negative) Voltage	0.0	Volts
Battery Temperature Maximum Module	-40	°F
Battery Temperature Minimum Module	-40	°F
Battery Temperature Average Module	-40	°F
Battery Temperature Highest Sensor number	01	
Battery Temperature Lowest Sensor number	01	
Battery Temperature Number of Failing Sensors	12	
HV Cooling Pump Relay Drive	Not Sourced	
HV Cooling Battery coolant inlet temp	79	°F

HV Cooling Battery coolant outlet temp	81	°F
HV Cooling OBCM temp inlet Temp	79	°F
Pump - Battery Coolant Level Low	False	
Isolation Vehicle Diagnostic Status	Run and Passed	
Isolation Vehicle Impedance	7.3115	Mega Ohms
Isolation Battery Diagnostic Status	Run and Passed	
Isolation Battery Impedance	0.8480	Mega Ohms
CVTN CUST CKSUM ERR	Normal	

HCP | P0513-00 | Active | Invalid SKIM Key-

NAME	VALUE	UNITS
DTC	05 13 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Original Odometer Value	42008.7	miles
Most Recent Odometer Value	42008.7	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Real time clock	119528648	sec
RAM stamps keyOn	0	sec
RAM Stamps	122259	Min
Accelerator Pedal Position	0	%
Brake Switch Status	Not Applied	
Engine Speed	0	rpm
HV Battery SOC	76	%
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	False	
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	77	°F
Motor B Temp Sensor	77	°F
Barometric Pressure	14	PSI
Engine Coolant Temperature	79	°F
Internal EPS Voltage Sense A	8.136	Volts
Internal EPS Voltage Sense B	8.136	Volts
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs

Actual Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor A	48.580	Ft-Lbs
Available Motor Torque - Motor B	57.153	Ft-Lbs
Available Regen Torque - Motor A	-48.580	Ft-Lbs
Available Regen Torque - Motor B	-57.153	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
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 B - Inverter Current - phase C	-4	AMP
Motor B Resolver Angle	276	Degree
Motor A Resolver Angle	122	Degree
Electric Motor A Speed	10846.5	rpm
Electric Motor B Speed	11300.0	rpm
PIM DC Link Voltage - A	379	Volts
PIM DC Link Voltage - B	374	Volts
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
HCP System Shutdown Command	Default	
HV Battery Voltage from BPCM	376.40	Volts
SW Build Release Version	PIM_C19A_2105A0_RU_HCP__	
HCP SW Version	C19A	
EPT LOC Diag Enable	Disable LOC Daignostic	
HV Contactor Status	Closed	
APM Status	Off	
Impact Event	False	
Outside Air Temperature	80.6	°F
OBCM Operating Mode	Idle	
J1772 Prox Detected State	Prox Circuit Low	
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	13.032	Volts
Battery Feed Voltage 2 Sense	13.032	Volts
Battery Feed Voltage 3 Sense	12.744	Volts
Hybrid System State	High Voltage Enabled	
Inverter A IGBT Temperature for phase A	32	°F
Inverter A IGBT Temperature for phase B	32	°F
Inverter A IGBT Temperature for phase C	32	°F
Inverter B IGBT Temperature for phase A	32	°F
Inverter B IGBT Temperature for phase B	32	°F
Inverter B IGBT Temperature for phase C	32	°F

PHEV Charging Status	No Charging	
Distance Travelled with Light ON	0	miles
GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

HCP | P062C-00 | Active | Internal Control Module Vehicle Speed Performance-

NAME	VALUE	UNITS
DTC	06 2C 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Original Odometer Value	42008.7	miles
Most Recent Odometer Value	42008.7	miles
Frequency Counter	1	
Ignition Cycle Counter	5	
Real time clock	119528648	sec
RAM stamps keyOn	0	sec
RAM Stamps	122259	Min
Accelerator Pedal Position	0	%
Brake Switch Status	Not Applied	
Engine Speed	0	rpm
HV Battery SOC	76	%
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	False	
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	77	°F
Motor B Temp Sensor	77	°F
Barometric Pressure	14	PSI
Engine Coolant Temperature	79	°F
Internal EPS Voltage Sense A	8.136	Volts
Internal EPS Voltage Sense B	8.136	Volts
Motor A Torque	0.000	Ft-Lbs

Motor B Torque	0.000	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor A	42.865	Ft-Lbs
Available Motor Torque - Motor B	48.949	Ft-Lbs
Available Regen Torque - Motor A	-42.865	Ft-Lbs
Available Regen Torque - Motor B	-48.857	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
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 B - Inverter Current - phase C	-4	AMP
Motor B Resolver Angle	56	Degree
Motor A Resolver Angle	352	Degree
Electric Motor A Speed	12018.0	rpm
Electric Motor B Speed	12479.5	rpm
PIM DC Link Voltage - A	379	Volts
PIM DC Link Voltage - B	374	Volts
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
HCP System Shutdown Command	Default	
HV Battery Voltage from BPCM	376.40	Volts
SW Build Release Version	PIM_C19A_2105A0_RU_HCP__	
HCP SW Version	C19A	
EPT LOC Diag Enable	Disable LOC Daignostic	
HV Contactor Status	Closed	
APM Status	Off	
Impact Event	False	
Outside Air Temperature	80.6	°F
OBCM Operating Mode	Idle	
J1772 Prox Detected State	Prox Circuit Low	
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	13.104	Volts
Battery Feed Voltage 2 Sense	13.104	Volts
Battery Feed Voltage 3 Sense	12.744	Volts
Hybrid System State	High Voltage Enabled	
Inverter A IGBT Temperature for phase A	32	°F
Inverter A IGBT Temperature for phase B	32	°F
Inverter A IGBT Temperature for phase C	32	°F
Inverter B IGBT Temperature for phase A	32	°F
Inverter B IGBT Temperature for phase B	32	°F

Inverter B IGBT Temperature for phase C	32	°F
PHEV Charging Status	No Charging	
Distance Travelled with Light ON	0	miles
GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

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	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Original Odometer Value	42008.7	miles
Most Recent Odometer Value	42008.7	miles
Frequency Counter	1	
Ignition Cycle Counter	5	
Real time clock	119528648	sec
RAM stamps keyOn	0	sec
RAM Stamps	122259	Min
Accelerator Pedal Position	0	%
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Engine Speed	0	rpm
HV Battery SOC	76	%
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	False	
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	77	°F
Motor B Temp Sensor	77	°F
Barometric Pressure	14	PSI
Engine Coolant Temperature	79	°F
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 Angle Offset	1.20	Degree
Motor B Resolver Angle Offset	2.40	Degree
Motor A Resolver Supply Voltage Value	15.75	Volts
Motor B Resolver Supply Voltage Value	15.75	Volts
Motor A Resolver to Digital Low Level Driver Faults	Resolver Loss of Signal	
Motor B Resolver to Digital Low Level Driver Faults	Resolver Loss of Signal	
Battery Feed Voltage 2 Sense	13.104	Volts
Internal EPS Voltage Sense A	8.136	Volts
Internal EPS Voltage Sense B	8.136	Volts
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	0.000	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor B	0.000	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Electric Motor A Speed	16383.5	rpm
Electric Motor B Speed	14976.0	rpm
Battery Feed Voltage 1 Sense	13.104	Volts
Battery Feed Voltage 3 Sense	12.816	Volts
Hybrid System State	SNA	
Motor A - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase B	0	AMP
Motor A - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase A	0	AMP
Motor B - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase C	0	AMP
Outside Air Temperature	80.6	°F
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
EPT LOC Diag Enable	Disable LOC Daignostic	
HV Contactor Status	Open	
HV Battery Voltage from BPCM	372.30	Volts
PIM DC Link Voltage - A	375	Volts
PIM DC Link Voltage - B	370	Volts
Inverter A IGBT Temperature for phase A	32	°F
Inverter A IGBT Temperature for phase B	32	°F
Inverter A IGBT Temperature for phase C	32	°F
Inverter B IGBT Temperature for phase A	32	°F
Inverter B IGBT Temperature for phase B	32	°F
Inverter B IGBT Temperature for phase C	32	°F

APM Status	Idle	
Impact Event	False	
HCP System Shutdown Command	Default	
Distance Travelled with Light ON	0	miles
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
HV Battery Sleep Time	0	Days
Motor B Resolver Offset Learn Erase	not requested	
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 | 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	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Original Odometer Value	41896.1	miles
Most Recent Odometer Value	41896.1	miles
Frequency Counter	1	
Ignition Cycle Counter	5	
Real time clock	119195352	sec
RAM stamps keyOn	90	sec
RAM Stamps	121081	Min
Accelerator Pedal Position	0	%
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Engine Speed	1437	rpm
HV Battery SOC	24	%
Ignition State	Reserved	
PRND Position Display	D	

Propulsion System Active	True	
Vehicle Speed	43.9426	MPH
Motor A Temp Sensor	127	°F
Motor B Temp Sensor	142	°F
Barometric Pressure	14	PSI
Engine Coolant Temperature	162	°F
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 Angle Offset	0.80	Degree
Motor B Resolver Angle Offset	2.40	Degree
Motor A Resolver Supply Voltage Value	15.75	Volts
Motor B Resolver Supply Voltage Value	15.75	Volts
Motor A Resolver to Digital Low Level Driver Faults	Resolver Degradation of Signal	
Motor B Resolver to Digital Low Level Driver Faults	No fault	
Battery Feed Voltage 2 Sense	14.544	Volts
Internal EPS Voltage Sense A	8.136	Volts
Internal EPS Voltage Sense B	8.136	Volts
Actual Torque - Motor A	-23.599	Ft-Lbs
Actual Torque - Motor B	3.226	Ft-Lbs
Available Motor Torque - Motor A	87.205	Ft-Lbs
Available Motor Torque - Motor B	158.462	Ft-Lbs
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Available Regen Torque - Motor B	-158.462	Ft-Lbs
Commanded Torque - Motor A	-23.599	Ft-Lbs
Commanded Torque - Motor B	3.872	Ft-Lbs
Electric Motor A Speed	-7.5	rpm
Electric Motor B Speed	4842.5	rpm
Battery Feed Voltage 1 Sense	14.544	Volts
Battery Feed Voltage 3 Sense	14.544	Volts
Hybrid System State	Propulsion System Active	
Motor A - Inverter Current - phase A	100	AMP
Motor A - Inverter Current - phase B	-24	AMP
Motor A - Inverter Current - phase C	-84	AMP
Motor B - Inverter Current - phase A	8	AMP
Motor B - Inverter Current - phase B	4	AMP
Motor B - Inverter Current - phase C	-16	AMP
Outside Air Temperature	84.2	°F
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Closed	
HV Battery Voltage from BPCM	336.90	Volts
PIM DC Link Voltage - A	339	Volts

PIM DC Link Voltage - B	335	Volts
Inverter A IGBT Temperature for phase A	113	°F
Inverter A IGBT Temperature for phase B	115	°F
Inverter A IGBT Temperature for phase C	111	°F
Inverter B IGBT Temperature for phase A	108	°F
Inverter B IGBT Temperature for phase B	108	°F
Inverter B IGBT Temperature for phase C	108	°F
APM Status	Buck CV	
Impact Event	False	
HCP System Shutdown Command	Default	
Distance Travelled with Light ON	0	miles
Motor A Torque	-23.599	Ft-Lbs
Motor B Torque	3.226	Ft-Lbs
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
HV Battery Sleep Time	0	Days
Motor B Resolver Offset Learn Erase	not requested	
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 | P0A44-00 | Active | Drive Motor A Position Sensor 1 Circuit Overspeed-

NAME	VALUE	UNITS
DTC	0A 44 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
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		
Original Odometer Value		miles
Most Recent Odometer Value		miles
Frequency Counter		
Ignition Cycle Counter		
Real time clock		sec
RAM stamps keyOn		sec
RAM Stamps		Min

Accelerator Pedal Position		%
Brake Switch Status		
PHEV Charging Status		
Engine Speed		rpm
HV Battery SOC		%
Ignition State		
PRND Position Display		
Propulsion System Active		
Vehicle Speed		MPH
Motor A Temp Sensor		°F
Motor B Temp Sensor		°F
Barometric Pressure		PSI
Engine Coolant Temperature		°F
Motor A Resolver Offset Learn Erase		
Motor A Resolver Offset Learning Status Flag		
Motor B Resolver Offset Learning Status Flag		
Motor A Resolver Angle Offset		Degree
Motor B Resolver Angle Offset		Degree
Motor A Resolver Supply Voltage Value		Volts
Motor B Resolver Supply Voltage Value		Volts
Motor A Resolver to Digital Low Level Driver Faults		
Motor B Resolver to Digital Low Level Driver Faults		
Battery Feed Voltage 2 Sense		Volts
Internal EPS Voltage Sense A		Volts
Internal EPS Voltage Sense B		Volts
Actual Torque - Motor A		Ft-Lbs
Actual Torque - Motor B		Ft-Lbs
Available Motor Torque - Motor A		Ft-Lbs
Available Motor Torque - Motor B		Ft-Lbs
Available Regen Torque - Motor A		Ft-Lbs
Available Regen Torque - Motor B		Ft-Lbs
Commanded Torque - Motor A		Ft-Lbs
Commanded Torque - Motor B		Ft-Lbs
Electric Motor A Speed		rpm
Electric Motor B Speed		rpm
Battery Feed Voltage 1 Sense		Volts
Battery Feed Voltage 3 Sense		Volts
Hybrid System State		
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

Outside Air Temperature		°F
HCP ePT Wake-Up Output		
CBC Wake-Up Input		
EPT LOC Diag Enable		
HV Contactor Status		
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 A IGBT Temperature for phase C		°F
Inverter B IGBT Temperature for phase A		°F
Inverter B IGBT Temperature for phase B		°F
Inverter B IGBT Temperature for phase C		°F
APM Status		
Impact Event		
HCP System Shutdown Command		
Distance Travelled with Light ON		miles
Motor A Torque		Ft-Lbs
Motor B Torque		Ft-Lbs
OBCM Operating Mode		
J1772 Prox Detected State		
HV Battery Sleep Time		Days
Motor B Resolver Offset Learn Erase		
GPS Date - Year		Year
GPS Date - Month		
GPS Date - Day		Days
UTC Time - Hours		Hours
UTC Time - Minutes		
UTC Time - Seconds		seconds
ECU Time - Milliseconds		ms

HCP | POA45-00 | Active | Drive Motor B Position Sensor 1 Circuit-

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

Original Odometer Value	42008.7	miles
Most Recent Odometer Value	42008.7	miles
Frequency Counter	1	
Ignition Cycle Counter	5	
Real time clock	119528648	sec
RAM stamps keyOn	0	sec
RAM Stamps	122259	Min
Accelerator Pedal Position	0	%
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Engine Speed	0	rpm
HV Battery SOC	76	%
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	False	
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	77	°F
Motor B Temp Sensor	77	°F
Barometric Pressure	14	PSI
Engine Coolant Temperature	79	°F
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 Angle Offset	1.20	Degree
Motor B Resolver Angle Offset	2.40	Degree
Motor A Resolver Supply Voltage Value	15.75	Volts
Motor B Resolver Supply Voltage Value	15.75	Volts
Motor A Resolver to Digital Low Level Driver Faults	Resolver Loss of Signal	
Motor B Resolver to Digital Low Level Driver Faults	Resolver Loss of Signal	
Battery Feed Voltage 2 Sense	13.104	Volts
Internal EPS Voltage Sense A	8.136	Volts
Internal EPS Voltage Sense B	8.136	Volts
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	0.000	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor B	0.000	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Electric Motor A Speed	16383.5	rpm
Electric Motor B Speed	14975.5	rpm
Battery Feed Voltage 1 Sense	13.104	Volts
Battery Feed Voltage 3 Sense	12.816	Volts

Hybrid System State	SNA	
Motor A - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase B	-4	AMP
Motor A - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase A	0	AMP
Motor B - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase C	0	AMP
Outside Air Temperature	80.6	°F
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
EPT LOC Diag Enable	Disable LOC Daignostic	
HV Contactor Status	Open	
HV Battery Voltage from BPCM	374.50	Volts
PIM DC Link Voltage - A	377	Volts
PIM DC Link Voltage - B	372	Volts
Inverter A IGBT Temperature for phase A	32	°F
Inverter A IGBT Temperature for phase B	32	°F
Inverter A IGBT Temperature for phase C	32	°F
Inverter B IGBT Temperature for phase A	32	°F
Inverter B IGBT Temperature for phase B	32	°F
Inverter B IGBT Temperature for phase C	32	°F
APM Status	Idle	
Impact Event	False	
HCP System Shutdown Command	Default	
Distance Travelled with Light ON	0	miles
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
HV Battery Sleep Time	0	Days
Motor B Resolver Offset Learn Erase	not requested	
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 | P0A4A-00 | Active | Drive Motor B Position Sensor 1 Circuit Overspeed-

NAME	VALUE	UNITS
DTC	0A 4A 00	
Test Failed	True	
Test Failed This Operation Cycle	True	

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		
Original Odometer Value		miles
Most Recent Odometer Value		miles
Frequency Counter		
Ignition Cycle Counter		
Real time clock		sec
RAM stamps keyOn		sec
RAM Stamps		Min
Accelerator Pedal Position		%
Brake Switch Status		
PHEV Charging Status		
Engine Speed		rpm
HV Battery SOC		%
Ignition State		
PRND Position Display		
Propulsion System Active		
Vehicle Speed		MPH
Motor A Temp Sensor		°F
Motor B Temp Sensor		°F
Barometric Pressure		PSI
Engine Coolant Temperature		°F
Motor A Resolver Offset Learn Erase		
Motor A Resolver Offset Learning Status Flag		
Motor B Resolver Offset Learning Status Flag		
Motor A Resolver Angle Offset		Degree
Motor B Resolver Angle Offset		Degree
Motor A Resolver Supply Voltage Value		Volts
Motor B Resolver Supply Voltage Value		Volts
Motor A Resolver to Digital Low Level Driver Faults		
Motor B Resolver to Digital Low Level Driver Faults		
Battery Feed Voltage 2 Sense		Volts
Internal EPS Voltage Sense A		Volts
Internal EPS Voltage Sense B		Volts
Actual Torque - Motor A		Ft-Lbs
Actual Torque - Motor B		Ft-Lbs
Available Motor Torque - Motor A		Ft-Lbs
Available Motor Torque - Motor B		Ft-Lbs
Available Regen Torque - Motor A		Ft-Lbs

Available Regen Torque - Motor B		Ft-Lbs
Commanded Torque - Motor A		Ft-Lbs
Commanded Torque - Motor B		Ft-Lbs
Electric Motor A Speed		rpm
Electric Motor B Speed		rpm
Battery Feed Voltage 1 Sense		Volts
Battery Feed Voltage 3 Sense		Volts
Hybrid System State		
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
Outside Air Temperature		°F
HCP ePT Wake-Up Output		
CBC Wake-Up Input		
EPT LOC Diag Enable		
HV Contactor Status		
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 A IGBT Temperature for phase C		°F
Inverter B IGBT Temperature for phase A		°F
Inverter B IGBT Temperature for phase B		°F
Inverter B IGBT Temperature for phase C		°F
APM Status		
Impact Event		
HCP System Shutdown Command		
Distance Travelled with Light ON		miles
Motor A Torque		Ft-Lbs
Motor B Torque		Ft-Lbs
OBCM Operating Mode		
J1772 Prox Detected State		
HV Battery Sleep Time		Days
Motor B Resolver Offset Learn Erase		
GPS Date - Year		Year
GPS Date - Month		
GPS Date - Day		Days
UTC Time - Hours		Hours
UTC Time - Minutes		
UTC Time - Seconds		seconds

ECU Time - Milliseconds

ms

HCP | P0C19-00 | Active | Drive Motor A Torque Delivered Performance-

NAME	VALUE	UNITS
DTC	0C 19 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Original Odometer Value	42008.7	miles
Most Recent Odometer Value	42008.7	miles
Frequency Counter	1	
Ignition Cycle Counter	5	
Real time clock	119528648	sec
RAM stamps keyOn	0	sec
RAM Stamps	122259	Min
Accelerator Pedal Position	0	%
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Engine Speed	0	rpm
HV Battery SOC	76	%
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	False	
Vehicle Speed	0.0000	MPH
Barometric Pressure	14	PSI
Engine Coolant Temperature	79	°F
Actual Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor A	9.403	Ft-Lbs
Inverter A Input DC Current	0.0	AMP
Electric Motor A Speed	15829.5	rpm
Motor A - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase B	-4	AMP
Motor A - Inverter Current - phase C	-4	AMP
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 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 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 Short Fault - High-Side	False	
Motor A Phase V Cross Conduction Fault - High-Side	False	
Motor A Phase V Over Current 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 Comm Error Low 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	
Motor A Resolver Supply Voltage Value	15.75	Volts
Battery Feed Voltage 2 Sense	13.104	Volts

Battery Feed Voltage 3 Sense	12.816	Volts
Internal EPS Voltage Sense A	8.136	Volts
Internal EPS Voltage Sense B	8.136	Volts
Hybrid System State	SNA	
PIM DC Link Voltage - A	379	Volts
PIM DC Link Voltage - B	374	Volts
Passive Pump Coolant Temp In Sensor	79	°F
Low Temp Active Pump Speed	0	rpm
High Temp Aux Pump - Actual Speed	0	rpm
Outside Air Temperature	80.6	°F
HV Contactor Status	Closed	
Inverter B Status Feedback	Inverter Faulted	
Battery Feed Voltage 1 Sense	13.104	Volts
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor B	1.014	Ft-Lbs
Available Regen Torque - Motor A	-9.403	Ft-Lbs
Available Regen Torque - Motor B	-1.014	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor B - Inverter Current - phase A	-4	AMP
Motor B - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase C	0	AMP
Motor B Resolver Angle	Invalid Value	Degree
Motor B Temp Sensor	77	°F
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
EPT LOC Diag Enable	Disable LOC Daignostic	
HV Battery Voltage from BPCM	376.40	Volts
Electric Motor B Speed	14971.5	rpm
Inverter A IGBT Temperature for phase A	32	°F
Inverter A IGBT Temperature for phase B	32	°F
Inverter A IGBT Temperature for phase C	32	°F
Inverter B IGBT Temperature for phase A	32	°F
Inverter B IGBT Temperature for phase B	32	°F
Inverter B IGBT Temperature for phase C	32	°F
APM Status	Off	
Impact Event	False	
HCP System Shutdown Command	Default	
Distance Travelled with Light ON	0	miles
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
OBCM Operating Mode	Idle	
J1772 Prox Detected State	Prox Circuit Low	
HV Battery Sleep Time	0	Days

Commanded Inverter A State	Inverter Disabled	
Inverter Status Feedback	Inverter Faulted	
Motor A Phase U Over Voltage Fault VH - High-Side	False	
Motor A Phase U Under Voltage Fault VH - High-Side	False	
Motor A Phase U Over Voltage Fault VL - High-Side	False	
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 - 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 Under 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 VH - High-Side	False	
Motor A Phase V Under Voltage Fault VH - 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 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 VL - Low-Side	False	
Motor A Phase V Under Voltage Fault VL - Low-Side	False	
Motor A Phase V Over Voltage Fault VDD - Low-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 Over Voltage Fault VH - 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 Under Voltage Fault VL - 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 Comm Error High Voltage Regulator Fault - 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 Under Voltage Fault VDD - Low-Side	False	

Motor A Phase W Comm Error High Voltage Regulator Fault - Low-Side	False	
Inverter A Status Feedback	Inverter Faulted	
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 | P0C1A-00 | Active | Drive Motor B Torque Delivered Performance-

NAME	VALUE	UNITS
DTC	0C 1A 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Original Odometer Value	42008.7	miles
Most Recent Odometer Value	42008.7	miles
Frequency Counter	1	
Ignition Cycle Counter	5	
Real time clock	119528648	sec
RAM stamps keyOn	0	sec
RAM Stamps	122259	Min
Accelerator Pedal Position	0	%
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Engine Speed	0	rpm
HV Battery SOC	76	%
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	False	
Vehicle Speed	0.0000	MPH
Barometric Pressure	14	PSI
Engine Coolant Temperature	79	°F
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor B	11.431	Ft-Lbs
Inverter B Input DC Current	0.0	AMP
Electric Motor B Speed	14945.0	rpm

Commanded Inverter B State	Inverter Disabled	
Motor B - Inverter Current - phase A	0	AMP
Motor B - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase C	0	AMP
Inverter B Status Feedback	Inverter Faulted	
Motor B Phase U Short Fault - High-Side	False	
Motor B Phase U Cross Conduction Fault - High-Side	False	
Motor B Phase U Thermal Warning Fault - High-Side	False	
Motor B Phase U Thermal Shutdown Fault - High-Side	False	
Motor B Phase U Comm Error High Voltage Regulator Fault - High-Side	False	
Motor B Phase U SPI Error Fault - High-Side	False	
Motor B Phase U Hardware Error Fault - High-Side	False	
Motor B Phase U Short Fault - Low-Side	False	
Motor B Phase U Cross Conduction Fault - Low-Side	False	
Motor B Phase U Over Current Fault - Low-Side	False	
Motor B Phase U Thermal Warning Fault - Low-Side	False	
Motor B Phase U Thermal Shutdown Fault - Low-Side	False	
Motor B Phase U Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor B Phase U Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor B Phase U SPI Error Fault - Low-Side	False	
Motor B Phase U Hardware Error Fault - Low-Side	False	
Motor B Phase V Short Fault - High-Side	False	
Motor B Phase V Cross Conduction Fault - High-Side	False	
Motor B Phase V Over Current Fault - High-Side	False	
Motor B Phase V Thermal Warning Fault - High-Side	False	
Motor B Phase V Thermal Shutdown Fault - High-Side	False	
Motor B Phase V Comm Error High Voltage Regulator Fault - High-Side	False	
Motor B Phase V Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor B Phase V SPI Error Fault - High-Side	False	
Motor B Phase V Hardware Error Fault - High-Side	False	
Motor B Phase V Short Fault - Low-Side	False	
Motor B Phase V Cross Conduction Fault - Low-Side	False	
Motor B Phase V Over Current Fault - Low-Side	False	
Motor B Phase V Thermal Warning Fault - Low-Side	False	
Motor B Phase V Thermal Shutdown Fault - Low-Side	False	
Motor B Phase V Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor B Phase V Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor B Phase V SPI Error Fault - Low-Side	False	
Motor B Phase V Hardware Error Fault - Low-Side	False	
Motor B Phase W Short Fault - High-Side	False	
Motor B Phase W Cross Conduction Fault - High-Side	False	
Motor B Phase W Over Current Fault - High-Side	False	
Motor B Phase W Thermal Warning Fault - High-Side	False	
Motor B Phase W Comm Error High Voltage Regulator Fault - High-Side	False	

Motor B Phase W Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor B Phase W SPI Error Fault - High-Side	False	
Motor B Phase W Hardware Error Fault - High-Side	False	
Motor B Phase W Short Fault - Low-Side	False	
Motor B Phase W Cross Conduction Fault - Low-Side	False	
Motor B Phase W Over Current Fault - Low-Side	False	
Motor B Phase W Thermal Warning Fault - Low-Side	False	
Motor B Phase W Thermal Shutdown Fault - Low-Side	False	
Motor B Phase W Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor B Phase W Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor B Phase W SPI Error Fault - Low-Side	False	
Motor B Phase W Hardware Error Fault - Low-Side	False	
Motor B Resolver Supply Voltage Value	15.75	Volts
Battery Feed Voltage 2 Sense	13.104	Volts
Internal EPS Voltage Sense A	8.136	Volts
Internal EPS Voltage Sense B	8.136	Volts
Battery Feed Voltage 1 Sense	13.104	Volts
Battery Feed Voltage 3 Sense	12.816	Volts
Hybrid System State	Determine Hybrid System State	
Actual Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor A	33.278	Ft-Lbs
Available Regen Torque - Motor A	-33.278	Ft-Lbs
Available Regen Torque - Motor B	-11.431	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
Motor A - Inverter Current - phase B	-4	AMP
Motor A - Inverter Current - phase C	0	AMP
Motor A Resolver Angle	266	Degree
Motor A Temp Sensor	77	°F
Outside Air Temperature	80.6	°F
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
EPT LOC Diag Enable	Disable LOC Daignostic	
HV Contactor Status	Closed	
HV Battery Voltage from BPCM	376.40	Volts
Electric Motor A Speed	15028.5	rpm
PIM DC Link Voltage - A	379	Volts
PIM DC Link Voltage - B	374	Volts
Inverter A IGBT Temperature for phase A	32	°F
Inverter A IGBT Temperature for phase B	32	°F
Inverter A IGBT Temperature for phase C	32	°F
Inverter B IGBT Temperature for phase A	32	°F
Inverter B IGBT Temperature for phase B	32	°F

Inverter B IGBT Temperature for phase C	32	°F
APM Status	Off	
Impact Event	False	
HCP System Shutdown Command	Default	
Distance Travelled with Light ON	0	miles
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
OBCM Operating Mode	Idle	
J1772 Prox Detected State	Prox Circuit Low	
HV Battery Sleep Time	0	Days
Motor B Phase U Over Current Fault - High-Side	False	
Motor B Phase U Over Voltage Fault VH - High-Side	False	
Motor B Phase U Under Voltage Fault VH - High-Side	False	
Motor B Phase U Over Voltage Fault VL - High-Side	False	
Motor B Phase U Under Voltage Fault VL - High-Side	False	
Motor B Phase U Over Voltage Fault VDD - High-Side	False	
Motor B Phase U Under Voltage Fault VDD - High-Side	False	
Motor B Phase U Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor B Phase U Over Voltage Fault VH - Low-Side	False	
Motor B Phase U Under Voltage Fault VH - Low-Side	False	
Motor B Phase U Over Voltage Fault VL - Low-Side	False	
Motor B Phase U Under Voltage Fault VL - Low-Side	False	
Motor B Phase U Over Voltage Fault VDD - Low-Side	False	
Motor B Phase U Under Voltage Fault VDD - Low-Side	False	
Motor B Phase V Over Voltage Fault VH - High-Side	False	
Motor B Phase V Under Voltage Fault VH - High-Side	False	
Motor B Phase V Over Voltage Fault VL - High-Side	False	
Motor B Phase V Under Voltage Fault VL - High-Side	False	
Motor B Phase V Over Voltage Fault VDD - High-Side	False	
Motor B Phase V Under Voltage Fault VDD - High-Side	False	
Motor B Phase V Over Voltage Fault VH - Low-Side	False	
Motor B Phase V Under Voltage Fault VH - Low-Side	False	
Motor B Phase V Over Voltage Fault VL - Low-Side	False	
Motor B Phase V Under Voltage Fault VL - Low-Side	False	
Motor B Phase V Over Voltage Fault VDD - Low-Side	False	
Motor B Phase V Under Voltage Fault VDD - Low-Side	False	
Motor B Phase W Over Voltage Fault VH - High-Side	False	
Motor B Phase W Under Voltage Fault VH - High-Side	False	
Motor B Phase W Over Voltage Fault VL - High-Side	False	
Motor B Phase W Under Voltage Fault VL - High-Side	False	
Motor B Phase W Over Voltage Fault VDD - High-Side	False	
Motor B Phase W Under Voltage Fault VDD - High-Side	False	
Motor B Phase W Thermal Shutdown Fault - High-Side	False	
Motor B Phase W Over Voltage Fault VH - Low-Side	False	

Motor B Phase W Under Voltage Fault VH - Low-Side	False	
Motor B Phase W Over Voltage Fault VL - Low-Side	False	
Motor B Phase W Under Voltage Fault VL - Low-Side	False	
Motor B Phase W Over Voltage Fault VDD - Low-Side	False	
Motor B Phase W Under Voltage Fault VDD - Low-Side	False	
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 | P1CDD-00 | Pending | Hybrid/EV Wakeup Control 2 Output Circuit/Open-

NAME	VALUE	UNITS
DTC	1C DD 00	
Test Failed	False	
Test Failed This Operation Cycle	True	
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	
DTC Extended Data Record Number		
Occurrence flag		
Original Odometer Value		miles
Most Recent Odometer Value		miles
Frequency Counter		
Ignition Cycle Counter		
Real time clock		sec
RAM stamps keyOn		sec
RAM Stamps		Min
Accelerator Pedal Position		%
Brake Switch Status		
Engine Speed		rpm
Ignition State		
PRND Position Display		
Propulsion System Active		
Vehicle Speed		MPH
Barometric Pressure		PSI
Engine Coolant Temperature		°F
HVIL Sense Input State		
No Charging Reasons		

Battery Feed Voltage 2 Sense		Volts
Internal EPS Voltage Sense A		Volts
Internal EPS Voltage Sense B		Volts
HCP ePT Wake-Up Output		
CBC Wake-Up Input		
Hybrid System State		
SW Build Release Version		
HCP SW Version		
EPT LOC Diag Enable		
CAN Overrun Counter		Number
Impact Event		
Outside Air Temperature		°F
Maximum Charge Current Allowed		Amps
Charge Current Available		AMP
OBCM Derating Reason		
OBCM Operating Mode		
HCP Commanded OBCM Mode		
J1772 Prox Detected State		
J1772 Pilot Detected State		
OBCM J1772 S2 Status		
HCP J1772 S2 Close Command		
OBCM Ready to Charge		
HCP Command to Enable Charging		
HCP Charging System Status		
HCP Charging Level		
HCP Charging System Fault		
HCP Charging Fault Reason		
HV Battery Contactor State		
DC Voltage Not Detected		
AC Voltage Detected		
HV Battery Actual Current		AMP
AC Voltage for Charging		Volts
AC Current During Charging		Amps
Maximum EVSE Current Available		AMP
HCP Charging Current Command		AMP
HCP Charging Voltage Command		Volts
DC Charging Current		Amps
OBCM Charging Voltage		Volts
OBCM Module A Max Temperature		°F
OBCM Module B Max Temperature		°F
OBCM Module A PCB Temperature		°F
OBCM Module B PCB Temperature		°F
OBCM Accumulated Charging Time		hrs
OBCM Charging Power		KW-Hrs

HV Battery Pump Current		AMP
Radiator Fan Command		%
HV Battery Inlet Temperature		°F
HV Battery Outlet Temperature		°F
HV Battery Min Cell Voltage		Volts
Max Cell Voltage		Volts
Min Cell Temperature		°F
Max Cell Temperature		°F
HV Battery Sleep Time		Days
HV Battery SOC		%
Battery Feed Voltage 1 Sense		Volts
Battery Feed Voltage 3 Sense		Volts
Actual Torque - Motor A		Ft-Lbs
Actual Torque - Motor B		Ft-Lbs
Available Motor Torque - Motor A		Ft-Lbs
Available Motor Torque - Motor B		Ft-Lbs
Available Regen Torque - Motor A		Ft-Lbs
Available Regen Torque - Motor B		Ft-Lbs
Commanded Torque - Motor A		Ft-Lbs
Commanded Torque - Motor B		Ft-Lbs
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
Motor A Temp Sensor		°F
Motor B Temp Sensor		°F
HV Contactor Status		
HV Battery Voltage from BPCM		Volts
Electric Motor A Speed		rpm
Electric Motor B Speed		rpm
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 A IGBT Temperature for phase C		°F
Inverter B IGBT Temperature for phase A		°F
Inverter B IGBT Temperature for phase B		°F
Inverter B IGBT Temperature for phase C		°F
APM Status		
HCP System Shutdown Command		

PHEV Charging Status		
Distance Travelled with Light ON		miles
Motor A Torque		Ft-Lbs
Motor B Torque		Ft-Lbs
GPS Date - Year		Year
GPS Date - Month		
GPS Date - Day		Days
UTC Time - Hours		Hours
UTC Time - Minutes		
UTC Time - Seconds		seconds
ECU Time - Milliseconds		ms

HCP | P215B-00 | Active | Vehicle Speed - Output Shaft Speed Correlation-

NAME	VALUE	UNITS
DTC	21 5B 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Original Odometer Value	42008.7	miles
Most Recent Odometer Value	42008.7	miles
Frequency Counter	1	
Ignition Cycle Counter	5	
Real time clock	119528648	sec
RAM stamps keyOn	0	sec
RAM Stamps	122259	Min
Accelerator Pedal Position	0	%
Brake Switch Status	Not Applied	
Engine Speed	0	rpm
HV Battery SOC	76	%
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	False	
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	77	°F
Motor B Temp Sensor	77	°F
Barometric Pressure	14	PSI
Engine Coolant Temperature	79	°F
Internal EPS Voltage Sense A	8.136	Volts

Internal EPS Voltage Sense B	8.136	Volts
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor A	48.673	Ft-Lbs
Available Motor Torque - Motor B	57.153	Ft-Lbs
Available Regen Torque - Motor A	-48.673	Ft-Lbs
Available Regen Torque - Motor B	-57.153	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor A - Inverter Current - phase A	0	AMP
Motor A - Inverter Current - phase B	0	AMP
Motor A - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase A	0	AMP
Motor B - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase C	-4	AMP
Motor B Resolver Angle	6	Degree
Motor A Resolver Angle	54	Degree
Electric Motor A Speed	10913.5	rpm
Electric Motor B Speed	11367.5	rpm
PIM DC Link Voltage - A	379	Volts
PIM DC Link Voltage - B	374	Volts
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
HCP System Shutdown Command	Default	
HV Battery Voltage from BPCM	376.40	Volts
SW Build Release Version	PIM_C19A_2105A0_RU_HCP__	
HCP SW Version	C19A	
EPT LOC Diag Enable	Disable LOC Daignostic	
HV Contactor Status	Closed	
APM Status	Off	
Impact Event	False	
Outside Air Temperature	80.6	°F
OBCM Operating Mode	Idle	
J1772 Prox Detected State	Prox Circuit Low	
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	13.032	Volts
Battery Feed Voltage 2 Sense	13.032	Volts
Battery Feed Voltage 3 Sense	12.744	Volts
Hybrid System State	High Voltage Enabled	
Inverter A IGBT Temperature for phase A	32	°F
Inverter A IGBT Temperature for phase B	32	°F
Inverter A IGBT Temperature for phase C	32	°F

Inverter B IGBT Temperature for phase A	32	°F
Inverter B IGBT Temperature for phase B	32	°F
Inverter B IGBT Temperature for phase C	32	°F
PHEV Charging Status	No Charging	
Distance Travelled with Light ON	0	miles
GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

HCP | P26C3-00 | Active | Internal Control Module Electronic Shifter Performance-

NAME	VALUE	UNITS
DTC	26 C3 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Original Odometer Value	42008.7	miles
Most Recent Odometer Value	42008.7	miles
Frequency Counter	1	
Ignition Cycle Counter	5	
Real time clock	119528656	sec
RAM stamps keyOn	0	sec
RAM Stamps	122259	Min
Accelerator Pedal Position	0	%
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Engine Speed	0	rpm
HV Battery SOC	76	%
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	False	
Vehicle Speed	0.0000	MPH
Barometric Pressure	14	PSI
Engine Coolant Temperature	79	°F
PP Actuator Position Sensor Voltage	4.02	Volts

Shift Lock Status	Locked	
Reverse Shift Lock Status	Unlocked	
PRND Blink	Initialization	
Auto Correction Request	APCM Off	
Park Pawl Motor PWM1	0	%
Park Pawl Motor Direction	Out of Park/Move Towards Disengage	
Park Pawl Motor Enable Feedback	Disabled	
Park Pawl Motor Current	0.1	AMP
Park Pawl Motor Counts	400	Counts
Park Pawl Status Feedback	Segment Two Complete	
Park Gated Switch	In Park	
Failure Reasons for Level 2 eShift	Reserved	
Battery Feed Voltage 2 Sense	13.176	Volts
Battery Feed Voltage 3 Sense	12.888	Volts
Internal EPS Voltage Sense A	8.136	Volts
Internal EPS Voltage Sense B	8.136	Volts
Battery Feed Voltage 1 Sense	13.176	Volts
Hybrid System State	SNA	
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	0.000	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor B	0.000	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor A - Inverter Current - phase A	0	AMP
Motor A - Inverter Current - phase B	-4	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
Motor A Resolver Angle	Invalid Value	Degree
Motor B Resolver Angle	Invalid Value	Degree
Motor A Temp Sensor	77	°F
Motor B Temp Sensor	-40	°F
Outside Air Temperature	80.6	°F
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
EPT LOC Diag Enable	Disable LOC Daignostic	
HV Contactor Status	Open	
HV Battery Voltage from BPCM	360.20	Volts
Electric Motor A Speed	16383.5	rpm
Electric Motor B Speed	14976.0	rpm

PIM DC Link Voltage - A	362	Volts
PIM DC Link Voltage - B	358	Volts
Inverter A IGBT Temperature for phase A	32	°F
Inverter A IGBT Temperature for phase B	32	°F
Inverter A IGBT Temperature for phase C	32	°F
Inverter B IGBT Temperature for phase A	32	°F
Inverter B IGBT Temperature for phase B	32	°F
Inverter B IGBT Temperature for phase C	32	°F
APM Status	Idle	
Impact Event	False	
HCP System Shutdown Command	Default	
Distance Travelled with Light ON	0	miles
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
HV Battery Sleep Time	0	Days
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 | U0287-00 | Active | Lost Communication With Transmission Fluid Pump Module 1-

NAME	VALUE	UNITS
DTC	C2 87 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
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		
Original Odometer Value		miles
Most Recent Odometer Value		miles
Frequency Counter		
Ignition Cycle Counter		
Real time clock		sec
RAM stamps keyOn		sec
RAM Stamps		Min

Accelerator Pedal Position		%
Brake Switch Status		
PHEV Charging Status		
Engine Speed		rpm
HV Battery SOC		%
Ignition State		
PRND Position Display		
Propulsion System Active		
Vehicle Speed		MPH
Barometric Pressure		PSI
Engine Coolant Temperature		°F
A/C Refrigerant Pressure		PSI
Passive Pump Coolant Temp In Sensor		°F
Electric Coolant Heater Temp Sensor		°F
Heater Core Coolant Temp Sensor		°F
Motor A Temp Sensor		°F
Motor B Temp Sensor		°F
Outside Air Temperature		°F
Thermal System Enable State		
EAC Compressor Speed		rpm
High Temperature Shut-Off Valve Status		
Front Refrigerant Shut-Off Valve Status		
High Temp Cabin Valve Feedback		degrees
Chiller Shut-Off Valve Status		
Radiator Fan Duty Cycle		%
HV Coolant Heater - Measured Coolant Inlet Temp		°F
HV Coolant Heater - Measured Coolant Outlet Temp		°F
Low Temp Passive Pump - Temperature		°F
Low Temp Active Pump - Temperature		°F
Battery Feed Voltage 2 Sense		Volts
Battery Feed Voltage 3 Sense		Volts
Internal EPS Voltage Sense A		Volts
Internal EPS Voltage Sense B		Volts
Hybrid System State		
Battery Feed Voltage 1 Sense		Volts
Actual Torque - Motor B		Ft-Lbs
Available Motor Torque - Motor A		Ft-Lbs
Available Motor Torque - Motor B		Ft-Lbs
Available Regen Torque - Motor A		Ft-Lbs
Available Regen Torque - Motor B		Ft-Lbs
Commanded Torque - Motor A		Ft-Lbs
Commanded Torque - Motor B		Ft-Lbs
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
CBC Wake-Up Input		
EPT LOC Diag Enable		
HV Contactor Status		
HV Battery Voltage from BPCM		Volts
Electric Motor A Speed		rpm
Electric Motor B Speed		rpm
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 A IGBT Temperature for phase C		°F
Inverter B IGBT Temperature for phase A		°F
Inverter B IGBT Temperature for phase B		°F
Inverter B IGBT Temperature for phase C		°F
APM Status		
Impact Event		
HCP System Shutdown Command		
Distance Travelled with Light ON		miles
Motor A Torque		Ft-Lbs
Motor B Torque		Ft-Lbs
OBCM Operating Mode		
J1772 Prox Detected State		
HV Battery Sleep Time		Days
GPS Date - Year		Year
GPS Date - Month		
GPS Date - Day		Days
UTC Time - Hours		Hours
UTC Time - Minutes		
UTC Time - Seconds		seconds
ECU Time - Milliseconds		ms

HCP | U1852-00 | Active | Implausible Data Received from ABS on D-PT-

NAME	VALUE	UNITS
DTC	D8 52 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	

Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Original Odometer Value	42008.7	miles
Most Recent Odometer Value	42008.7	miles
Frequency Counter	1	
Ignition Cycle Counter	5	
Real time clock	119528656	sec
RAM stamps keyOn	15	sec
RAM Stamps	122259	Min
Accelerator Pedal Position	0	%
Brake Switch Status	Not Applied	
Engine Speed	0	rpm
HV Battery SOC	76	%
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	False	
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	-40	°F
Motor B Temp Sensor	-40	°F
Barometric Pressure	14	PSI
Engine Coolant Temperature	79	°F
Internal EPS Voltage Sense A	8.136	Volts
Internal EPS Voltage Sense B	8.136	Volts
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor B	0.000	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor B	0.000	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor A - Inverter Current - phase A	-4	AMP
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	0	AMP
Motor B - Inverter Current - phase C	-4	AMP
Motor B Resolver Angle	Invalid Value	Degree
Motor A Resolver Angle	Invalid Value	Degree

Electric Motor A Speed	16383.5	rpm
Electric Motor B Speed	14976.0	rpm
PIM DC Link Voltage - A	260	Volts
PIM DC Link Voltage - B	257	Volts
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
HCP System Shutdown Command	Default	
HV Battery Voltage from BPCM	258.70	Volts
SW Build Release Version	PIM_C19A_2105A0_RU_HCP__	
HCP SW Version	C19A	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Open	
APM Status	Idle	
Impact Event	False	
Outside Air Temperature	80.6	°F
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	13.248	Volts
Battery Feed Voltage 2 Sense	13.248	Volts
Battery Feed Voltage 3 Sense	13.032	Volts
Hybrid System State	SNA	
Inverter A IGBT Temperature for phase A	79	°F
Inverter A IGBT Temperature for phase B	79	°F
Inverter A IGBT Temperature for phase C	79	°F
Inverter B IGBT Temperature for phase A	79	°F
Inverter B IGBT Temperature for phase B	79	°F
Inverter B IGBT Temperature for phase C	79	°F
PHEV Charging Status	No Charging	
Distance Travelled with Light ON	0	miles
GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

OBCM | P1CDD-00 | Stored | Hybrid/EV Wakeup Control 2 Output Circuit/Open-

NAME	VALUE	UNITS
DTC	1C DD 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	01	
Occurrence flag	ERROR	
Original Odometer Value	0	miles
Most Recent Odometer Value	0	miles
Frequency Counter	1	
Ignition Cycle Counter	2	
DTC Extended Data Record Number - Record #2	16	
OBCM Status AC Present	AC Not OK	
AC Line Low	Valid	
AC Line High	Not Valid	
AC Side Current	0.60	Amps
AC Side Volt	1.9	Volts
HCP (EVCU) AC Current Max Cal	0.00	Amps
HCP (EVCU) Voltage Request	0	Volts
HCP (EVCU) Current Request	0.00	AMP
Battery Not Detected	False	
Battery Voltage Under Min	Not Valid	
Battery Voltage Over Max	Not Valid	
Battery Side Current	0.40	Amps
Battery Side Voltage	0.0	Volts
HV OC	False	
HV OV	False	
HCP (EVCU) HV Current Max Cal	0.00	Amps
HCP (EVCU) HV Volt Max Cal	0	Volt
HCP (EVCU) HV Volt Min Cal	0	Volt
OBCM Temperature 1	81	°F
OBCM Temperature 2	77	°F
OBCM Temperature 3	81	°F
OBCM Temperature 4	77	°F
NTC1 OT	False	
NTC2 OT	False	
NTC3 OT	False	
NTC4 OT	False	
External OBCM Inlet Temperature (CAN)	-40	°F
J1772 ICA	0	AMP
J1772 S2 Close	Open	
J1772 Stat	State Not Programmed	
J1772 S2 Status	Open	
Control Pilot Amplitude	7.576	Volts

Control Pilot Duty Cycle	0.00	%
Control Pilot Frequency	1024	Hz
EVSE Pilot Stat	OBCM HW Fault	
Prox Stat	Prox Circuit Low	
Prox Voltage	4.465	Volt
OBC Idle Tml	414	hrs
Watt-Hours of AC Power	32767	W-Hrs
Watt Hours of Charge the HV Bus	0	W-Hrs
OBCM Mode	00	
OBCM Charger Ready	On	
OBCM WU Status	Wakeup is Faulted	
Charge Enable Status	Chrg Disable	
HCP (EVCU) Shutdown Command	EVCU Operational	
HCP (EVCU) Enable Charge Command	Charge disable	
HCP (EVCU) OBC Mode Request	SNA	
Generic Fail Sts	No Functional Fail Present	
Chrg Fail Sts	No Faults detected	
OBCM Wake Up Reason	Pilot PWM	
OBC Control Mth	Current	
OBCM Deraing Reason	AC Voltage Limit Derating	
Close Chrgr Cntctr	Open	
Chrgr Cntctr Stat	Open	
Chrg Mode	Charge Mode	
OBCM Fault Reason	No Faults detected	
Module A Primary - PFC Temperature	79	°F
Module A Primary - LLC Temperature	79	°F
Module A Secondary - Buck Temperature	77	°F
Module A Secondary - Ambient Temperature	77	°F
Module A Primary - AC Side Volt	1.7	Volts
Module A Primary - AC Side Current	-24.70	Amps
Module A Secondary - Battery Side Voltage	0.0	Volts
Module A Secondary - Battery Side Current	-24.80	Amps
Module A Secondary - Buck Output Voltage	0.1	Volts
Module B Primary - PFC Temperature	81	°F
Module B Primary - LLC Temperature	81	°F
Module B Secondary - Buck Temperature	81	°F
Module B Secondary - Ambient Temperature	81	°F
Module B Primary - AC Side Volt	2.2	Volts
Module B Primary - AC Side Current	-24.70	Amps
Module B Secondary - Battery Side Voltage	0.0	Volts
Module B Secondary - Battery Side Current	-24.80	Amps
Module B Secondary - Buck Output Voltage	0.1	Volts
OBCM - HV Over Voltage Protect	False	
OBCM - LV Aux Over Voltage Protect	False	

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

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

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

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

SBC State_E180	00	
SBC State_E300	20	
SBC State_E500	00	
SBC State_E580	09	
OBCM Charge Current Available	0.00	AMP
BPCM HV Battery Contactor Open	False	
SBC Bus Off	False	
CANSIP Bus Off	False	
OBC Charge Time	0	sec
OBC Charge Tml	11720	hrs
OBC Idle Time	0	sec
EPT LOC Diag Enable	Disable LOC Daignostic	
HCP Shutdown Command	No Shutdown	
HV Battey Contactor Open	False	
BPCM Request for HV Contactor	False	
HV Contactor Status	Open	
Ignition on Time for DTC	0	sec

MSMP | B210D-21 | Stored | Battery Voltage Low-Signal Amplitude < Minimum

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Original Odometer Value	41945	miles
Most Recent Odometer Value	41945	miles
Frequency Counter	1	
Ignition Cycle Counter	1	

MSMP | B210A-84 | Stored | System Voltage Low-Signal Below Allowable Range

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

Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Original Odometer Value	41945	miles
Most Recent Odometer Value	41945	miles
Frequency Counter	1	
Ignition Cycle Counter	1	

DSM | B2199-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
DTC	A1 99 16	
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	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	2	

DSM | B21DD-84 | Stored | System Voltage-Signal Below Allowable Range

NAME	VALUE	UNITS
DTC	A1 DD 84	
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	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	2	

VRM | B2199-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
DTC	A1 99 16	
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	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	1	

VRM | B21DD-84 | Stored | System Voltage-Signal Below Allowable Range

NAME	VALUE	UNITS
DTC	A1 DD 84	
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	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	1	

RCCC | B2199-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
DTC	A1 99 16	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	

Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	2	

RCCC | B21DD-84 | Stored | System Voltage-Signal Below Allowable Range

NAME	VALUE	UNITS
DTC	A1 DD 84	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	2	

CVPM | U0184-00 | Stored | Lost Communication With Radio-

NAME	VALUE	UNITS
DTC	C1 84 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	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	

Ignition Cycle Counter	2	
DTC Extended Data Record Number 2	2	
ECU Failure – Internal Voltage	Off	
ECU Failure – ECU Memory	Off	
ECU Failure – Internal Communication Error	Off	
ECU Failure – Video Subsystem Error	Off	
ECU Failure – Watchdog Error	Off	
Calibration Failure - Calibration not Executed	Off	
Calibration Failure - Calibration Data Inconsistent	Off	
Battery Voltage	6.9	V
ECU Voltage	6.6	V
Vehicle Speed	0.000000	MPH
Ignition Status	Ignition Status: Running	
Steering Wheel Angle	30.5	Deg
Steering Wheel Angle Status	Steering Wheel Status: Okay	
Driver Door Ajar	Inactive	
Rear Left Door Ajar	Inactive	
Passenger Door Ajar	Inactive	
Rear Right Door Ajar	Inactive	
Reverse Gear	Inactive	
Liftgate Ajar	Inactive	
Touch Screen Status	Touch Screen Status: Not Pressed	
Touch Screen X Coordinate	0000	
Touch Screen Y Coordinate	0000	
Radio Display Status	Display Status: Off	

CVPM | U0485-00 | Stored | Implausible Data Received From Radio-

NAME	VALUE	UNITS
DTC	C4 85 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	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	2	
DTC Extended Data Record Number 2	2	

ECU Failure – Internal Voltage	Off	
ECU Failure – ECU Memory	Off	
ECU Failure – Internal Communication Error	Off	
ECU Failure – Video Subsystem Error	Off	
ECU Failure – Watchdog Error	Off	
Calibration Failure - Calibration not Executed	Off	
Calibration Failure - Calibration Data Inconsistent	Off	
Battery Voltage	7.1	V
ECU Voltage	6.8	V
Vehicle Speed	0.000000	MPH
Ignition Status	Ignition Status: Running	
Steering Wheel Angle	30.5	Deg
Steering Wheel Angle Status	Steering Wheel Status: Okay	
Driver Door Ajar	Inactive	
Rear Left Door Ajar	Inactive	
Passenger Door Ajar	Inactive	
Rear Right Door Ajar	Inactive	
Reverse Gear	Inactive	
Liftgate Ajar	Inactive	
Touch Screen Status	Touch Screen Status: Not Pressed	
Touch Screen X Coordinate	0000	
Touch Screen Y Coordinate	0000	
Radio Display Status	Display Status: Off	

CVPM | B2199-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
DTC	A1 99 16	
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	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	1	
DTC Extended Data Record Number 2	2	
ECU Failure – Internal Voltage	Off	
ECU Failure – ECU Memory	Off	

ECU Failure – Internal Communication Error	Off	
ECU Failure – Video Subsystem Error	Off	
ECU Failure – Watchdog Error	Off	
Calibration Failure - Calibration not Executed	Off	
Calibration Failure - Calibration Data Inconsistent	Off	
Battery Voltage	7.8	V
ECU Voltage	7.4	V
Vehicle Speed	0.000000	MPH
Ignition Status	Ignition Status: Running	
Steering Wheel Angle	30.5	Deg
Steering Wheel Angle Status	Steering Wheel Status: Okay	
Driver Door Ajar	Inactive	
Rear Left Door Ajar	Inactive	
Passenger Door Ajar	Inactive	
Rear Right Door Ajar	Inactive	
Reverse Gear	Inactive	
Liftgate Ajar	Inactive	
Touch Screen Status	Touch Screen Status: Not Pressed	
Touch Screen X Coordinate	0000	
Touch Screen Y Coordinate	0000	
Radio Display Status	Display Status: Off	

CVPM | B21DD-84 | Stored | System Voltage-Signal Below Allowable Range

NAME	VALUE	UNITS
DTC	A1 DD 84	
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	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	1	
DTC Extended Data Record Number 2	2	
ECU Failure – Internal Voltage	Off	
ECU Failure – ECU Memory	Off	
ECU Failure – Internal Communication Error	Off	
ECU Failure – Video Subsystem Error	Off	

ECU Failure – Watchdog Error	Off	
Calibration Failure - Calibration not Executed	Off	
Calibration Failure - Calibration Data Inconsistent	Off	
Battery Voltage	9.9	V
ECU Voltage	9.6	V
Vehicle Speed	0.000000	MPH
Ignition Status	Ignition Status: Running	
Steering Wheel Angle	30.5	Deg
Steering Wheel Angle Status	Steering Wheel Status: Okay	
Driver Door Ajar	Inactive	
Rear Left Door Ajar	Inactive	
Passenger Door Ajar	Inactive	
Rear Right Door Ajar	Inactive	
Reverse Gear	Inactive	
Liftgate Ajar	Inactive	
Touch Screen Status	Touch Screen Status: Not Pressed	
Touch Screen X Coordinate	0000	
Touch Screen Y Coordinate	0000	
Radio Display Status	Display Status: Normal	

CVPM | U0422-00 | Stored | Implausible Data Received From Body Control Module-

NAME	VALUE	UNITS
DTC	C4 22 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	Occurrence	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	1	
DTC Extended Data Record Number 2	2	
ECU Failure – Internal Voltage	Off	
ECU Failure – ECU Memory	Off	
ECU Failure – Internal Communication Error	Off	
ECU Failure – Video Subsystem Error	Off	
ECU Failure – Watchdog Error	Off	
Calibration Failure - Calibration not Executed	Off	

Calibration Failure - Calibration Data Inconsistent	Off	
Battery Voltage	12.1	V
ECU Voltage	11.9	V
Vehicle Speed	0.000000	MPH
Ignition Status	Ignition Status: Running	
Steering Wheel Angle	30.5	Deg
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	Inactive	
Touch Screen Status	Touch Screen Status: Not Pressed	
Touch Screen X Coordinate	0000	
Touch Screen Y Coordinate	0000	
Radio Display Status	Display Status: Normal	

EBBM | P0562-00 | Stored | System Voltage Low-

NAME	VALUE	UNITS
DTC	05 62 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	True	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Mirror Memory	No	
Undervoltage Suspected	No	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Fault Time	13107.00	S
Booster Supply	9.3	V
ECU Supply	9.3	V
Ignition	9.3	V
Pedal Travel Sensor Supply	5.0	V
iBooster System Mode	Ready Mode - iBooster is ready for actuation	
Brake Pedal Applied	brake pedal not applied	
iBooster ECU Temperature Channel 1	81.8656	°F

iBooster ECU Temperature Channel 2	81.2750	°F
iBooster Brake Pedal State	brake pedal not applied	
ESP Master Cylinder Pressure	0.00	PSI
Pedal Travel Sensor One	-0.1054674	mm_
Pedal Travel Sensor Two	-0.0527337	mm_
iBooster Rotary Position Sensor	0.00	Deg
iBooster Output Rod Stroke	0.00	mm_
iBooster Input Rod Stroke	0.00	mm_
iBooster Boost Body Stroke	-0.06	mm_
Vehicle Speed	0.00	MPH
Supplier Internal Code	212	

EBBM | U0293-00 | Active | Lost Communication with Hybrid Control Module "A"-

NAME	VALUE	UNITS
DTC	C2 93 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	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	ERROR	
Mirror Memory	No	
Undervoltage Suspected	No	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Fault Time	27.00	S
Booster Supply	14.4	V
ECU Supply	14.3	V
Ignition	14.3	V
Pedal Travel Sensor Supply	5.0	V
iBooster System Mode	Ready Mode - iBooster is ready for actuation	
Brake Pedal Applied	brake pedal not applied	
iBooster ECU Temperature Channel 1	74.9469	°F
iBooster ECU Temperature Channel 2	74.6094	°F
iBooster Brake Pedal State	brake pedal not applied	
ESP Master Cylinder Pressure	0.00	PSI
Pedal Travel Sensor One	-0.0957019	mm_
Pedal Travel Sensor Two	-0.0273434	mm_
iBooster Rotary Position Sensor	0.00	Deg

iBooster Output Rod Stroke	0.00	mm_
iBooster Input Rod Stroke	0.00	mm_
iBooster Boost Body Stroke	-0.06	mm_
Vehicle Speed	0.00	MPH
Supplier Internal Code	204	

ABS0 | U0293-00 | Active | Lost Communication with Hybrid Control Module "A"-

NAME	VALUE	UNITS
DTC	C2 93 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	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Controller Event	No	
Mirror Memory	No	
Undervoltage Suspected	No	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Fault Time	27.00	S
Current System Mode	Ignition Run	
Previous System Mode	Ignition Run	
System Condition	OK	
Supply Voltage Valves	14.3	V
Brake Pedal Status	Released	
Supply voltage Pump	14.6	V
Brake Pedal Travel Sensor Position	0	%
Ignition Unfiltered	13.7	V
Wheel Speed Left Front	0.000	MPH
Rotation Direction Left Front	Forward	
Wheel Speed Right Front	0.000	MPH
Rotation Direction Right Front	Forward	
Wheel Speed Left Rear	0.000	MPH
Rotation Direction Left Rear	Forward	
Wheel Speed Right Rear	0.000	MPH
Rotation Direction Right Rear	Forward	
Steering Wheel Angle	25.60	°
Longitudinal Acceleration	0.00	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	%
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	
Plant Mode	No	
EPB Mode Status	Static	
BLS High	No	
BLS Low	Yes	
Park Brake	Activated	
ESP-OFF mode	No	
Clutch	Not Activated	
Stop Coordinator Active	No	
Actual Gear	N	
Transmission selector lever setting	P	
Status Parking Brake Left	Brake is Fully Applied	
Status Parking Brake Right	Brake is Fully Applied	
EPB Switch Status	Idle	
Supplier Internal Code	310	

SGW | B2199-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Monitoring Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed This Monitoring Cycle	False	
Warning Indicator Requested	False	
DTCExtendedDataRecordNumber	Record \$01-\$8f	
Event Counter	Event counter for clear DTC memory	
Cycle to Switch Warning Lamp OFF	3 = error present (3 cycle consecutive for switch MIL OFF) 0 = error Not present 1..2 = number cycle consecutive for switch MIL OFF	

SNAPSHOT DATA SUMMARY

No Snapshot Data available for P16FA

No Snapshot Data available for U1817

No Snapshot Data available for U11C2

No Snapshot Data available for P0113

No Snapshot Data available for U0111

No Snapshot Data available for B210D-16

No Snapshot Data available for B21DD-84

No Snapshot Data available for B2199-17

No Snapshot Data available for B2199-16

No Snapshot Data available for B21DD-84

No Snapshot Data available for U0293-00

No Snapshot Data available for P1C8B-17

No Snapshot Data available for P1C8B-16

No Snapshot Data available for P1C8C-16

No Snapshot Data available for U1817-00

No Snapshot Data available for U0293-00

No Snapshot Data available for B210A-00

No Snapshot Data available for U0154-00

No Snapshot Data available for C2129-16

No Snapshot Data available for C212A-84

No Snapshot Data available for U0101-00

No Snapshot Data available for U0293-00

No Snapshot Data available for B210D-84

No Snapshot Data available for B21DD-84

No Snapshot Data available for U0422-00

No Snapshot Data available for B2860-15

No Snapshot Data available for B210C-16

No Snapshot Data available for B21DD-84

No Snapshot Data available for B2860-15

No Snapshot Data available for B210C-16

No Snapshot Data available for B21DD-84

No Snapshot Data available for B2199-16

No Snapshot Data available for B21DD-84

No Snapshot Data available for B2199-16

No Snapshot Data available for B21DD-84

No Snapshot Data available for U0422-00

No Snapshot Data available for U0422-00

No Snapshot Data available for B210D-21

No Snapshot Data available for B210A-84

No Snapshot Data available for B233C-00

No Snapshot Data available for B195F-12

No Snapshot Data available for B21DD-16

No Snapshot Data available for B2199-16

No Snapshot Data available for B2199-16

No Snapshot Data available for B21DD-84

No Snapshot Data available for B143B-12

No Snapshot Data available for B143C-12

No Snapshot Data available for B143E-12

No Snapshot Data available for B143F-12

No Snapshot Data available for U0293-00

No Snapshot Data available for B2199-16

No Snapshot Data available for B21DD-84

No Snapshot Data available for U0415-00

No Snapshot Data available for U0293-00

No Snapshot Data available for U0121-00

No Snapshot Data available for B21DD-16

No Snapshot Data available for B210C-16

No Snapshot Data available for C212A-16

No Snapshot Data available for U0293-00

No Snapshot Data available for U151A-87

No Snapshot Data available for C2129-16

No Snapshot Data available for C2227-00

No Snapshot Data available for U148D-00

No Snapshot Data available for U0293-00

No Snapshot Data available for U1215-00

No Snapshot Data available for B11C1-13

No Snapshot Data available for B210C-18

No Snapshot Data available for B21DD-84

No Snapshot Data available for U0002-00

No Snapshot Data available for B210A-16

No Snapshot Data available for B280B-00

No Snapshot Data available for B156F-00

No Snapshot Data available for B210A-00

No Snapshot Data available for B2199-16

No Snapshot Data available for B21DD-84

No Snapshot Data available for B21DD-84

No Snapshot Data available for B2199-16

No Snapshot Data available for U0422-00

No Snapshot Data available for B21DD-84

No Snapshot Data available for B2199-16

No Snapshot Data available for U0422-00

No Snapshot Data available for B210A-00

No Snapshot Data available for P0A0A-00

No Snapshot Data available for P0513-00

No Snapshot Data available for P062C-00

No Snapshot Data available for P0A3F-00

No Snapshot Data available for P0A43-00

No Snapshot Data available for P0A44-00

No Snapshot Data available for P0A45-00

No Snapshot Data available for P0A4A-00

No Snapshot Data available for P0C19-00

No Snapshot Data available for P0C1A-00

No Snapshot Data available for P1CDD-00

No Snapshot Data available for P215B-00

No Snapshot Data available for P26C3-00

No Snapshot Data available for U0287-00

No Snapshot Data available for U1852-00

No Snapshot Data available for P1CDD-00

No Snapshot Data available for B210D-21

No Snapshot Data available for B210A-84

No Snapshot Data available for B2199-16

No Snapshot Data available for B21DD-84

No Snapshot Data available for B2199-16

No Snapshot Data available for B21DD-84

No Snapshot Data available for B2199-16

No Snapshot Data available for B21DD-84

No Snapshot Data available for U0184-00

No Snapshot Data available for U0485-00

No Snapshot Data available for B2199-16

No Snapshot Data available for B21DD-84

No Snapshot Data available for U0422-00

No Snapshot Data available for P0562-00

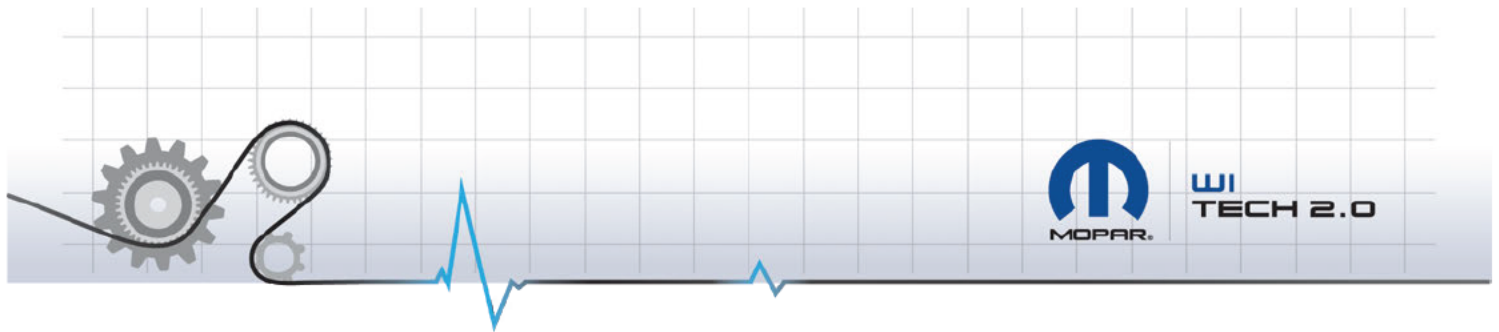
No Snapshot Data available for U0293-00

No Snapshot Data available for U0293-00

SGW | B2199-16 | Stored | Battery Voltage-Circuit Voltage Below Threshold

Record 0

NAME	VALUE	UNITS
TestFailed	False	
TestFailedThisMonitoringCycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed This Monitoring Cycle	False	
Warning Indicator Requested	False	
DTC Snapshot Record Number	Record #1	
DTC Snapshot Record Number Of Identifiers	5	
Key On Counter	7179	
DTC Failure Type Byte	2F	
Power Supply Voltage		Volts



VEHICLE SCAN REPORT

Vehicle 2019 CHRYSLER PACIFICA (PHEV) 3.6L V6 PHEV HYBRID ENGINE
VIN 2C4RC1N74K[REDACTED]

Odometer 42008.7 miles
Publication Date Aug 23, 2022, 8:48:18 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
PCM	Powertrain Control Module	CAN-C	68416680AF	2C4RC1N74K	2C4RC1N74KR	68416680AF
ICS	Integrated Center Stack	CAN-I	6EV321X8AB	2C4RC1N74K	2C4RC1N74KR	6EV321X8AB
RFH	Radio Frequency Hub	CAN-C	68383680AB	2C4RC1N74K	2C4RC1N74KR	68383680AB
ESM	Electronic Shifter	CAN-C	68240089AL	2C4RC1N74K	2C4RC1N74KR	68240089AL
ORC	Occupant Restraint	CAN-C	68405567AB	2C4RC1N74K	2C4RC1N74KR	68405567AB
EPS	Electric Power Steering	CAN-C	68416741AA	2C4RC1N74K	2C4RC1N74KR	68416741AA
HVAC	Heat, Ventilation and A/C	CAN-I	68406613AA	2C4RC1N74K	2C4RC1N74KR	68406613AA
DDM	Driver Door Module	CAN-I	68316559AD	2C4RC1N74K	2C4RC1N74KR	68316559AD
PDM	Passenger Door Module	CAN-I	68316558AD	2C4RC1N74K	2C4RC1N74KR	68316558AD
DMRL	Door Module Rear Left	CAN-I	68225096AG	2C4RC1N74K	2C4RC1N74KR	68225096AG
DMRR	Door Module Rear Right	CAN-I	68225096AG	2C4RC1N74K	2C4RC1N74KR	68225096AG
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AB	2C4RC1N74K	2C4RC1N74KR	68369596AB
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AB	2C4RC1N74K	2C4RC1N74KR	68369596AB
MSM	Memory Seat Module	CAN-I	68321862AC	2C4RC1N74K	2C4RC1N74KR	68321862AC
PLGM	Power Liftgate	CAN-I	68316094AF	2C4RC1N74K	2C4RC1N74KR	68316094AF
AMP	Amplifier	CAN-I	68440634AA	2C4RC1N74K	2C4RC1N74KR	68440634AA
IPC	Instrument Panel Cluster	CAN-C	68405292AC	2C4RC1N74K	2C4RC1N74KR	68405292AC
PTS	Parktronics	CAN-C	68193775AJ	2C4RC1N74K	2C4RC1N74KR	68193775AJ
SCCM	Steering Column Control Module	CAN-C	68360889AB	2C4RC1N74K	2C4RC1N74KR	68360889AB
BCM	Body Controller	CAN-C	68402177AB	2C4RC1N74K	2C4RC1N74KR	68402177AB
ACC	Adaptive Cruise Control	CAN-C	04672758AA	2C4RC1N74K	2C4RC1N74KR	04672758AA

HSM	Heated Seat Module	CAN-I	68421106AA	2C4RC1N74K		2C4RC1N74KR		68421106AA
RADIO	Radio	CAN-I	68401447AB	2C4RC1		2C4RC1N74KR		68401447AB
OCM	Occupant Classification	CAN-C	68403127AA	2C4RC1N74K		2C4RC1N74KR		68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB	2C4RC1N74K		2C4RC1N74KR		68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB	2C4RC1N74K		2C4RC1N74KR		04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB	2C4RC1N74K		2C4RC1N74KR		04672786AB
FFCM	Forward Facing Camera Module	CAN-C	04672776AA	2C4RC1N74K		2C4RC1N74KR		04672776AA
EDM	External Disc Module	CAN-I	68378304AA	2C4RC1N74K		2C4RC1N74KR		68378304AA
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1N74K		2C4RC1N74KR		05185046AB
BPCM	Battery Pack Control Module	CAN-C	68429967AD	2C4RC1N74K		2C4RC1N74KR		68429967AD
HCP	Hybrid Control Processor	CAN-C	05190240AQ	2C4RC1N74K		2C4RC1N74KR		05190240AQ
OBCM	On Board Charging Module	CAN-C	05185047AD	2C4RC1N74K		2C4RC1N74KR		05185047AD
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC	2C4RC1N74K		2C4RC1N74KR		68321862AC
DSM	Display Screen Module	CAN-I	68316174AB	2C4RC1N74K		2C4RC1N74KR		68316174AB
VRM	Video Routing Module	CAN-I	68376134AE	2C4RC1N74K		2C4RC1N74KR		68376134AE
RCCC	Rear Cabin Comfort Controls	CAN-I	68395990AA	2C4RC1N74K		2C4RC1N74KR		68395990AA
CVPM	Central vision processing module	CAN-I	68375113AB	2C4RC1N74K		2C4RC1N74KR		68375113AB
EAC	Electric A/C Compressor	CAN-C	68237995AG	2C4RC1N74K		2C4RC1N74KR		68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05190241AQ	2C4RC1N74K		2C4RC1N74KR		05190241AQ
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB	2C4RC1N74K		2C4RC1N74KR		68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68283578AD	2C4RC1N74K		2C4RC1N74KR		68283578AD
SGW	Security Gateway Module	CAN-C	68420261AA			2C4RC1N74KR		68420261AA

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	SERIAL NUMBER	CVNS
PCM	USA	1B 47	46 03 01	4419		
ICS	USA	0F 0C 00	11 16 00	4700		
RFH	USA / USA	10 17 00	12 08 00	4A00		
ESM	USA / USA	0F 24 00	12 02 FF	4402		
ORC	USA / USA	11 1F 00	11 27 00	4301		
EPS	USA / USA	12 02 03	11 15 01	4502		
HVAC	USA	0E 09 00	11 29 01	4401		

DDM	USA / USA	11 30 00	17 42 00	4102
PDM	USA	11 30 00	17 42 00	4102
DMRL	USA / USA	10 0B 00	12 0C 00	4201
DMRR	USA / USA	10 0B 00	12 0C 00	4201
PSDML	USA / USA	10 17 00	11 2D 10	4001
PSDMR	USA / USA	10 17 00	11 2D 10	4001
MSM	USA	0F 2B 00	10 27 03	4101
PLGM	USA	17 19 00	18 22 00	4202
AMP	USA	0F 05 01	12 1A 01	4021
IPC	USA / USA	12 0A 00	12 10 00	4704
PTS	USA	0E 32 00	12 1F 00	4311
SCCM	USA	0E 30 00	10 2B 00	4301
BCM	USA	0D 11 00	12 0B 90	4415
ACC	USA / USA	12 0E 00	11 0D 00	4201
HSM	USA / USA	15 12 00	12 05 01	4003
RADIO	USA	12 21 24	12 21 24	8205
OCM	USA / USA	11 1F 01	0E 2F 02	4030
HVACR	USA	0E 09 00	10 03 02	4301
LBSS	USA / USA	11 30 02	12 0D 00	4202
RBSS	USA / USA	11 30 02	12 0D 00	4202
FFCM	USA / USA	11 06 00	11 2B 00	4102
EDM	USA	12 0A 00	11 08 00	4000
APM	USA / USA	11 32 00	11 32 00	4001
BPCM		0E 03 00	12 07 04	4005
HCP	USA	11 1D 07	14 08 01	4005
OBCM	USA	0F 0D 00	11 2B 00	4002
MSMP	USA	0F 2B 00	10 27 03	4001
DSM	USA / USA	11 16 00	11 15 00	4000
VRM	USA / USA	0F 1C 00	11 32 13	4001
RCCC	USA	0F 1D 00	11 16 00	4000
CVPM	USA / USA	11 32 01	12 33 00	4003
EAC	USA	0E 34 00	12 0F 00	4102
AHCP	USA	11 1D 07	14 08 01	4000
EBBM	USA	0E 19 02	14 0D 18	4000
ABSO	USA	0E 15 02	14 13 17	4201
SGW		5	564	4102

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
PLGM	B195F-12	Power Liftgate Chime Control-Circuit Short to Battery	Active

ENVIRONMENTAL DATA SUMMARY

PLGM | B195F-12 | Active | Power Liftgate Chime Control-Circuit Short to Battery

NAME	VALUE	UNITS
Test Failed	True	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42005	miles
Frequency Counter	1	
Operation Cycle Counter	0	

SNAPSHOT DATA SUMMARY

No Snapshot Data available for B195F-12



ECU DETAILS REPORT

Vehicle 2019 CHRYSLER PACIFICA (PHEV) 3.6L V6 PHEV HYBRID ENGINE
VIN 2C4RC1N74K[REDACTED]

Odometer 42008.7 miles
Publication Date Aug 23, 2022, 8:49:37 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
PCM	Powertrain Control Module	CAN-C	68416680AF	2C4RC1N74K	2C4RC1N74K	68416680AF
ICS	Integrated Center Stack	CAN-I	6EV321X8AB	2C4RC1N74K	2C4RC1N74K	6EV321X8AB
RFH	Radio Frequency Hub	CAN-C	68383680AB	2C4RC1N74K	2C4RC1N74K	68383680AB
ESM	Electronic Shifter	CAN-C	68240089AL	2C4RC1N74K	2C4RC1N74K	68240089AL
ORC	Occupant Restraint	CAN-C	68405567AB	2C4RC1N74K	2C4RC1N74K	68405567AB
EPS	Electric Power Steering	CAN-C	68416741AA	2C4RC1N74K	2C4RC1N74K	68416741AA
HVAC	Heat, Ventilation and A/C	CAN-I	68406613AA	2C4RC1N74K	2C4RC1N74K	68406613AA
DDM	Driver Door Module	CAN-I	68316559AD	2C4RC1N74K	2C4RC1N74K	68316559AD
PDM	Passenger Door Module	CAN-I	68316558AD	2C4RC1N74K	2C4RC1N74K	68316558AD
DMRL	Door Module Rear Left	CAN-I	68225096AG	2C4RC1N74K	2C4RC1N74K	68225096AG
DMRR	Door Module Rear Right	CAN-I	68225096AG	2C4RC1N74K	2C4RC1N74K	68225096AG
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AB	2C4RC1N74K	2C4RC1N74K	68369596AB
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AB	2C4RC1N74K	2C4RC1N74K	68369596AB
MSM	Memory Seat Module	CAN-I	68321862AC	2C4RC1N74K	2C4RC1N74K	68321862AC
PLGM	Power Liftgate	CAN-I	68316094AF	2C4RC1N74K	2C4RC1N74K	68316094AF
AMP	Amplifier	CAN-I	68440634AA	2C4RC1N74K	2C4RC1N74K	68440634AA
IPC	Instrument Panel Cluster	CAN-C	68405292AC	2C4RC1N74K	2C4RC1N74K	68405292AC
PTS	Parktronics	CAN-C	68193775AJ	2C4RC1N74K	2C4RC1N74K	68193775AJ
SCCM	Steering Column Control Module	CAN-C	68360889AB	2C4RC1N74K	2C4RC1N74K	68360889AB
BCM	Body Controller	CAN-C	68402177AB	2C4RC1N74K	2C4RC1N74K	68402177AB
ACC	Adaptive Cruise Control	CAN-C	04672758AA	2C4RC1N74K	2C4RC1N74K	04672758AA

HSM	Heated Seat Module	CAN-I	68421106AA	2C4RC1N74K		2C4RC1N74KR	68421106AA
RADIO	Radio	CAN-I	68401447AB	2C4RC1		2C4RC1N74KR	68401447AB
OCM	Occupant Classification	CAN-C	68403127AA	2C4RC1N74K		2C4RC1N74KR	68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB	2C4RC1N74K		2C4RC1N74KR	68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB	2C4RC1N74K		2C4RC1N74KR	04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB	2C4RC1N74K		2C4RC1N74KR	04672786AB
FFCM	Forward Facing Camera Module	CAN-C	04672776AA	2C4RC1N74K		2C4RC1N74KR	04672776AA
EDM	External Disc Module	CAN-I	68378304AA	2C4RC1N74K		2C4RC1N74KR	68378304AA
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1N74K		2C4RC1N74KR	05185046AB
BPCM	Battery Pack Control Module	CAN-C	68429967AD	2C4RC1N74K		2C4RC1N74KR	68429967AD
HCP	Hybrid Control Processor	CAN-C	05190240AQ	2C4RC1N74K		2C4RC1N74KR	05190240AQ
OBCM	On Board Charging Module	CAN-C	05185047AD	2C4RC1N74K		2C4RC1N74KR	05185047AD
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC	2C4RC1N74K		2C4RC1N74KR	68321862AC
DSM	Display Screen Module	CAN-I	68316174AB	2C4RC1N74K		2C4RC1N74KR	68316174AB
VRM	Video Routing Module	CAN-I	68376134AE	2C4RC1N74K		2C4RC1N74KR	68376134AE
RCCC	Rear Cabin Comfort Controls	CAN-I	68395990AA	2C4RC1N74K		2C4RC1N74KR	68395990AA
CVPM	Central vision processing module	CAN-I	68375113AB	2C4RC1N74K		2C4RC1N74KR	68375113AB
EAC	Electric A/C Compressor	CAN-C	68237995AG	2C4RC1N74K		2C4RC1N74KR	68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05190241AQ	2C4RC1N74K		2C4RC1N74KR	05190241AQ
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB	2C4RC1N74K		2C4RC1N74KR	68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68283578AD	2C4RC1N74K		2C4RC1N74KR	68283578AD
SGW	Security Gateway Module	CAN-C	68420261AA			2C4RC1N74KR	68420261AA

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	SERIAL NUMBER	CVNS
PCM	USA	1B 47	46 03 01	4419		
ICS	USA	0F 0C 00	11 16 00	4700		
RFH	USA / USA	10 17 00	12 08 00	4A00		
ESM	USA / USA	0F 24 00	12 02 FF	4402		
ORC	USA / USA	11 1F 00	11 27 00	4301		
EPS	USA / USA	12 02 03	11 15 01	4502		
HVAC	USA	0E 09 00	11 29 01	4401		

DDM	USA / USA	11 30 00	17 42 00	4102
PDM	USA	11 30 00	17 42 00	4102
DMRL	USA / USA	10 0B 00	12 0C 00	4201
DMRR	USA / USA	10 0B 00	12 0C 00	4201
PSDML	USA / USA	10 17 00	11 2D 10	4001
PSDMR	USA / USA	10 17 00	11 2D 10	4001
MSM	USA	0F 2B 00	10 27 03	4101
PLGM	USA	17 19 00	18 22 00	4202
AMP	USA	0F 05 01	12 1A 01	4021
IPC	USA / USA	12 0A 00	12 10 00	4704
PTS	USA	0E 32 00	12 1F 00	4311
SCCM	USA	0E 30 00	10 2B 00	4301
BCM	USA	0D 11 00	12 0B 90	4415
ACC	USA / USA	12 0E 00	11 0D 00	4201
HSM	USA / USA	15 12 00	12 05 01	4003
RADIO	USA	12 21 24	12 21 24	8205
OCM	USA / USA	11 1F 01	0E 2F 02	4030
HVACR	USA	0E 09 00	10 03 02	4301
LBSS	USA / USA	11 30 02	12 0D 00	4202
RBSS	USA / USA	11 30 02	12 0D 00	4202
FFCM	USA / USA	11 06 00	11 2B 00	4102
EDM	USA	12 0A 00	11 08 00	4000
APM	USA / USA	11 32 00	11 32 00	4001
BPCM		0E 03 00	12 07 04	4005
HCP	USA	11 1D 07	14 08 01	4005
OBCM	USA	0F 0D 00	11 2B 00	4002
MSMP	USA	0F 2B 00	10 27 03	4001
DSM	USA / USA	11 16 00	11 15 00	4000
VRM	USA / USA	0F 1C 00	11 32 13	4001
RCCC	USA	0F 1D 00	11 16 00	4000
CVPM	USA / USA	11 32 01	12 33 00	4003
EAC	USA	0E 34 00	12 0F 00	4102
AHCP	USA	11 1D 07	14 08 01	4000
EBBM	USA	0E 19 02	14 0D 18	4000
ABSO	USA	0E 15 02	14 13 17	4201
SGW		5	564	4102

ECU DETAILS

PCM DETAILS

NAME	VALUE
Model Year	19
ECU Part Number	68416680AF
Body Style	Station Wagon

Vehicle Line	2D
VIN - Original	2C4RC1N74K [REDACTED]
VIN Current	2C4RC1N74K [REDACTED]
Software Version (Major/Middle/Minor)	46 03 01
Hardware Version (Major/Minor)	1B 47
Serial Number	T00EP1968G0TMV
Supplier ID	Motorola
Diagnostic Version	19
Variant ID	44
Country Code	USA
Odometer When Original VIN First Written	2668768948.7216

ICS DETAILS

NAME	VALUE
ECU Software Mode	Running in Application
Gateway	False
Active Diagnostic Variant	47
Active Diagnostic Version	00
Active Diagnostic Session	Default
ECU Part Number	6EV321X8AB
VIN Original	2C4RC1N74KR [REDACTED]
VIN Current	2C4RC1N74KR [REDACTED]
Model Year	2019
Vehicle Line	RU
Body Style	Station Wagon
Country Code	USA

RFH DETAILS

NAME	VALUE
VIN Original	2C4RC1N74KR [REDACTED]
VIN Current	2C4RC1N74KR [REDACTED]
Active Diagnostic Variant	4A
Active Diagnostic Version	00
ECU Part Number	68383680AB
Model Year	2019
Vehicle Line	RU
Body Style	station wagon / BODY_WAGON
Country Code	USA / USA
IAC Data	55 AA 66 CC 55 AA 66 CC 55 AA 66 CC 55 AA 66 CC
ECU Serial Number	T01Z22238B0796
Hardware Supplier	Continental
Software Supplier	Continental
Hardware Version - Year	10
Hardware Version - Week	17

Hardware Version - Patch Level	00
Software Version - Year	12
Software Version - Week	08
Software Version - Patch Level	00
ECU Software Mode	Running in Application
Active Diagnostic Session	Extended
Hardware Part Number	16135700AB

ESM DETAILS

NAME	VALUE
Active Diagnostic Variant	44
Active Diagnostic Version	02
ECU Part Number	68240089AL

ORC DETAILS

NAME	VALUE
Model Year	2019
Vehicle Line	RU / VEH_RU
Body Style	Station Wagon
Country Code	USA / USA
ECU Serial Number	T03JF1798G129C
Active Diagnostic Variant	43
Active Diagnostic Version	01

EPS DETAILS

NAME	VALUE
Active Diagnostic Variant	45
Active Diagnostic Version	02
ECU Part Number	68416741AA
HW - Year	2018
HW - Week	2
HW - Patch Level	03
SW - year	2017
SW - week	21
SW - Patch Level	01
Model Year	2019
Vehicle Line	RU / VEH_RU
Body Style	Station Wagon
Country Code	USA / USA
VIN Current	2C4RC1N74KR
VIN Original	2C4RC1N74KR

HVAC DETAILS

NAME	VALUE
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ECU Serial Number	TCA291738C00
VIN Original	2C4RC1N74KR [REDACTED]
VIN Current	2C4RC1N74KR [REDACTED]
Model Year	2019
Body Style	Station Wagon
Country Code	USA
Active Diagnostic Variant	44
Active Diagnostic Version	01
ECU Part Number	68406613AA

DDM DETAILS

NAME	VALUE
VIN Current	2C4RC1N74KR [REDACTED]
VIN Original	2C4RC1N74KR [REDACTED]
Serial Number	TLX1D279801B7A
ECU Part Number	68316559AD
Software Part Number	68316559AD
Hardware Part Number	68316559AD
Active Diagnostic Version	02
Active Diagnostic Variant	41

PDM DETAILS

NAME	VALUE
Model Year	19
Vehicle Line	RU
Country Code	USA
VIN Original	2C4RC1N74KR [REDACTED]
VIN Current	2C4RC1N74KR [REDACTED]
Serial Number	TLX2D28080610A
Hardware Part Number	68316558AD
Software Part Number	68316558AD
ECU Part Number	68316558AD
Gateway	False
Active Diagnostic Variant	41
Active Diagnostic Version	02
Active Diagnostic Session	Default

DMRL DETAILS

NAME	VALUE
Active Diagnostic Variant	42
Active Diagnostic Version	01
Hardware Part Number	68225096AG
Software Part Number	68225096AG
ECU Part Number	68225096AG

Model Year	2019
Vehicle Line	RU / VEH_RU
Body Style	Station Wagon
Country Code	USA / USA
VIN Original	2C4RC1N74KR [REDACTED]
VIN Current	2C4RC1N74KR [REDACTED]

DMRR DETAILS

NAME	VALUE
Active Diagnostic Variant	42
Active Diagnostic Version	01
Hardware Part Number	68225096AG
Software Part Number	68225096AG
ECU Part Number	68225096AG
Model Year	2019
Vehicle Line	RU / VEH_RU
Body Style	Station Wagon
Country Code	USA / USA
VIN Original	2C4RC1N74KR [REDACTED]
VIN Current	2C4RC1N74KR [REDACTED]

PSDML DETAILS

NAME	VALUE
Active Diagnostic Variant	40
Active Diagnostic Version	01
ECU Part Number	68369596AB
Hardware Supplier Identification	Delphi
Model Year	2019
Vehicle Line	RU / VEH_RU
Body Style	Station Wagon
Country Code	USA / USA
VIN Original	2C4RC1N74K [REDACTED]
VIN Current	2C4RC1N74K [REDACTED]

PSDMR DETAILS

NAME	VALUE
Active Diagnostic Variant	40
Active Diagnostic Version	01
ECU Part Number	68369596AB
Hardware Supplier Identification	Delphi
Model Year	2019
Vehicle Line	RU / VEH_RU
Body Style	Station Wagon
Country Code	USA / USA

VIN Original	2C4RC1N74KR
VIN Current	2C4RC1N74KR

MSM DETAILS

NAME	VALUE
VIN Current	2C4RC1N74KR
ECU Part Number	68321862AC
Software Logical Block Supplier Identification	Kostal
Hardware Part Number	68321862AC
ECU Serial Number	TLK278800446
Model Year	2019
Country Code	USA
Body Style	BODY_WAGON
Vehicle Line	RU
Software Logical Block #0 Part Number	68321862AC
ECU Software Mode	Running in Application
Gateway	False
Active Diagnostic Session	Default
Active Diagnostic Variant	41
Active Diagnostic Version	01
VIN Original	2C4RC1N74KR

PLGM DETAILS

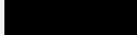
NAME	VALUE
Active Diagnostic Variant	42
Active Diagnostic Version	02
Chrysler Group Hardware Number	68316094AF
Chrysler Group Software Number	68316094AF
Hardware Supplier Identification	Continental
Model Year	2019
Vehicle Line	RU
Body Style	Station Wagon
Country Code	USA
Serial Number	TPLUF285800648
VIN Original	2C4RC1N74KR
VIN Current	2C4RC1N74KR

AMP DETAILS

NAME	VALUE
Active Diagnostic Variant	40
Active Diagnostic Version	21
VIN Original	2C4RC1N74KR
VIN Current	2C4RC1N74KR
ECU Part Number	68440634AA

Hardware Part Number	68440634AA
ECU Serial Number	3615AA28781460
EQ Software Version	049100
Model Year	2019
Vehicle Line	RU
Body Style	Station Wagon
HW - Year	0F
HW - Week	5
HW - Patch Level	01
SW - year	18
SW - week	26
SW - Patch Level	1
Hardware Supplier Identification	Harman / Becker
Software Supplier Identification	Harman / Becker
Software Part Number	68440634AA

IPC DETAILS

NAME	VALUE
Active Diagnostic Variant	47
Active Diagnostic Version	04
ECU Part Number	68405292AC
ECU Serial Number	TCL285800395
Hardware Part Number	68405292AC
Hardware - Year	2018
Hardware - Week	10
Hardware - Patch Level	00
Hardware Supplier Identification	Nippon Seiki (NS Intl)
Software Logical Block #0 Part Number	68405277AC
Software - Year Block #0	2018
Software - Week Block #0	16
Software - Patch Level Block #0	00
Software Supplier Identification	Nippon Seiki (NS Intl)
Model Year	2019
Body Style	Station Wagon
Vehicle Line	RU
Country Code	USA / USA
VIN Current	2C4RC1N74K 
VIN Original	2C4RC1N74K 

PTS DETAILS

NAME	VALUE
ECU Software Mode	Running in Application
Active Diagnostic Variant	43
Active Diagnostic Version	11

Active Diagnostic Session	Default
ECU Part Number	68193775AJ
Serial Number	T00FF278800658
HW - Year	2014
HW - Week	50
HW - Patch Level	00
Hardware Supplier Identification	Bosch
SW Part Number	68193775AJ
SW - year	2018
SW - week	31
SW - Patch Level	00
Software Supplier Identification	Bosch
Model Year	2019
Vehicle Line	RU
Body Style	BODY_WAGON
Country Code	USA
VIN Original	2C4RC1N74KR [REDACTED]
VIN Current	2C4RC1N74KR [REDACTED]

SCCM DETAILS

NAME	VALUE
ECU Software Mode	Running in Application
Active Diagnostic Variant	43
Active Diagnostic Version	1
ECU Part Number	68360889AB
ECU Serial Number	S27080518
Hardware Supplier Identification	Kostal
Hardware Part Number	10333273AA
HW - Year	14
HW - Week	48
HW - Patch Level	0
Software Logical Block Supplier Identification	Kostal
Software Logical Block #0 Part Number	10306803AB
SW - year	16
SW - week	43
SW - Patch Level	0
Model Year	2019
Vehicle Line	RU
Body Style	BODY_WAGON
Country Code	USA
VIN Original	2C4RC1N74K [REDACTED]
VIN Current	2C4RC1N74K [REDACTED]

BCM DETAILS

NAME	VALUE
VIN Current	2C4RC1N74KR [REDACTED]
VIN Original	2C4RC1N74KR [REDACTED]
ECU Serial Number	TYH251801346
ECU Part Number	68402177AB
Hardware Supplier Identification	Continental
ECU Software Mode	Running in Application
Active Diagnostic Variant	44
Active Diagnostic Version	15
Country Code	USA
Software Logical Block #0 Part Number	68402178AB
Software Logical Block Supplier Identification	Continental
Ignition Run Start	Run/Start

ACC DETAILS

NAME	VALUE
Active Diagnostic Variant	42
Active Diagnostic Version	01
ECU Part Number	04672758AA
HW Part Number	04672758AA
SW Part Number (Application)	04672758AA
SW Part Number (Parameter)	04672758AA
VIN Original	2C4RC1N74KR [REDACTED]

HSM DETAILS

NAME	VALUE
Model Year	2019
Vehicle Line	RU
Body Style	station wagon / BODY_WAGON
Country Code	USA / USA
ECU Part Number	68421106AA
ECU Software Mode	Running in Application
Gateway	False
Hardware Part Number	68421106AA
Software Part Number	68421106AA
Hardware Supplier Identification	Continental
Software Logical Block Supplier Identification	Continental
VIN Current	2C4RC1N74K [REDACTED]
Active Diagnostic Variant	40
Active Diagnostic Version	03

RADIO DETAILS

NAME	VALUE
Sales Code	V

Active Diagnostic Variant	82
Active Diagnostic Version	05
ECU Part Number	68401447AB
ECU Serial Number	T M9277802396
Software Part Number	68401447AB
SW - year	2018
SW - week	33
SW - Patch Level	24
Software Supplier Identification	Panasonic
ECU Software Number	68401447AB
ECU Software Version Number	4641
Hardware Part Number	CNSC18N0GL
HW - Year	2018
HW - Week	33
HW - Patch Level	24
Hardware Supplier Identification	Panasonic
ECU Hardware Version Number	18
Market Selection Configuration	02
Model Year	2019
Vehicle Line	RU
Body Style	Wagon
Country Code	USA
VIN Original	2C4RC1N74KR [REDACTED]
VIN Current	2C4RC1N74KR [REDACTED]

OCM DETAILS

NAME	VALUE
Active Diagnostic Variant	40
Active Diagnostic Version	30
Hardware Part Number	28608000
Software Logical Block #0 Part Number	28444600
ECU Part Number	68403127AA
Model Year	2019
Vehicle Line	RU / VEH_RU
Body Style	Station Wagon
Country Code	USA / USA
ECU Serial Number	TRUJY27781407A
VIN Original	2C4RC1N74K [REDACTED]
VIN Current	2C4RC1N74K [REDACTED]

HVACR DETAILS

NAME	VALUE
Active Diagnostic Variant	43
Active Diagnostic Version	01

ECU Part Number	68373079AB
Model Year	19
Vehicle Line	RU
Body Style	Station Wagon
Country Code	USA
VIN Current	2C4RC1N74 [REDACTED]

LBSS DETAILS

NAME	VALUE
ECU Software Mode	Running in Application
Gateway	False
Active Diagnostic Variant	42
Active Diagnostic Version	02
Active Diagnostic Session	Default
ECU Part Number	04672786AB
VIN Original	2C4RC1N74KR [REDACTED]
VIN Current	2C4RC1N74KR [REDACTED]

RBSS DETAILS

NAME	VALUE
ECU Software Mode	Running in Application
Gateway	False
Active Diagnostic Variant	42
Active Diagnostic Version	02
Active Diagnostic Session	Default
ECU Part Number	04672786AB
VIN Original	2C4RC1N74KR [REDACTED]
VIN Current	2C4RC1N74KR [REDACTED]

FFCM DETAILS

NAME	VALUE
Active Diagnostic Variant	41
Active Diagnostic Version	02
ECU Part Number	04672776AA
Model Year	2019
Vehicle Line	RU
Body Style	Station Wagon
Country Code	USA / USA
VIN Original	2C4RC1N74KR5 [REDACTED]
VIN Current	2C4RC1N74KR5 [REDACTED]

EDM DETAILS

NAME	VALUE
Active Diagnostic Variant	40

Active Diagnostic Version	00
Sales Code	RDU
ECU Part Number	68378304AA
ECU Serial Number	T00AM1658T0724
HW - Year	12
HW - Week	10
HW - Patch Level	00
Hardware Supplier Identification	Mitsubishi Electric
SW - year	17
SW - week	8
SW - Patch Level	0
Software Supplier Identification	Mitsubishi Electric
Model Year	2019
Vehicle Line	RU
Body Style	Wagon
Country Code	USA
VIN Original	2C4RC1N74KR [REDACTED]
VIN Current	2C4RC1N74KR [REDACTED]

APM DETAILS

NAME	VALUE
Active Diagnostic Variant	40
Active Diagnostic Version	01
Vehicle Line	RU
Country Code	USA / USA
ECU Serial Number	TD6VA0368R3397
VIN Original	2C4RC1N74K [REDACTED]
VIN Current	2C4RC1N74K [REDACTED]
ECU Part Number	05185046AB

BPCM DETAILS

NAME	VALUE
Active Diagnostic Variant	40
Active Diagnostic Version	05
ECU Part Number	68429967AD
ECU Serial Number	TESIG2418A0008
VIN Original	2C4RC1N74KR [REDACTED]
VIN Current	2C4RC1N74KR [REDACTED]
SW - year	2018
SW - week	7
SW - Patch Level	04

HCP DETAILS

NAME	VALUE
------	-------

Active Diagnostic Variant	40
Active Diagnostic Version	05
ECU Serial Number	TMMVL1278C0102
HCP SW Version	C19A
MCP SW Version	2105A0
Transmission Assembly Traceability Number	
Transmission Assembly Part Number	
VIN Original	2C4RC1N74KR [REDACTED]
VIN Current	2C4RC1N74KR [REDACTED]

OBCM DETAILS

NAME	VALUE
Active Diagnostic Variant	40
Active Diagnostic Version	02
ECU Serial Number	TD63H0558R6376
ECU Part Number	05185047AD
VIN Original	2C4RC1N74KR [REDACTED]
VIN Current	2C4RC1N74KR [REDACTED]

MSMP DETAILS

NAME	VALUE
VIN Current	2C4RC1N74K [REDACTED]
ECU Part Number	68321862AC
Software Logical Block Supplier Identification	Kostal
Hardware Part Number	68321862AC
ECU Serial Number	TLK278800447
Model Year	2019
Country Code	USA
Body Style	Station Wagon
Vehicle Line	RU
Software Logical Block #0 Part Number	68321862AC
ECU Software Mode	Running in Application
Gateway	False
Active Diagnostic Session	Default
Active Diagnostic Variant	40
Active Diagnostic Version	1
VIN Original	2C4RC1N74KR [REDACTED]

DSM DETAILS

NAME	VALUE
ECU Software Mode	Running in Application
Gateway	False
Active Diagnostic Variant	40
Active Diagnostic Version	00

Active Diagnostic Session	Default
Hardware Part Number	BGM9610070
Software Logical Block #0 Part Number	1705250000
ECU Part Number	68316174AB
Model Year	2019
Vehicle Line	RU
Body Style	Station Wagon
Country Code	USA / USA
ECU Serial Number	000000315204
VIN Original	2C4RC1N74K [REDACTED]
VIN Current	2C4RC1N74K [REDACTED]

VRM DETAILS

NAME	VALUE
ECU Software Mode	Running in Application
Active Diagnostic Variant	40
Active Diagnostic Version	01
Software Part Number	10028795
Model Year	2019
Vehicle Line	RU
Body Style	Station Wagon
Country Code	USA / USA
VIN Original	2C4RC1N74KR [REDACTED]
VIN Current	2C4RC1N74KR [REDACTED]

RCCC DETAILS

NAME	VALUE
ECU Software Mode	Running in Application
Gateway	False
Active Diagnostic Variant	40
Active Diagnostic Version	00
Active Diagnostic Session	Default
Hardware Part Number	68223337AB
ECU Part Number	68395990AA
Model Year	19
Vehicle Line	RU
Body Style	Station Wagon
Country Code	USA
ECU Serial Number	T249810765
VIN Original	2C4RC1N74K [REDACTED]
VIN Current	2C4RC1N74K [REDACTED]

CVPM DETAILS

NAME	VALUE
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Active Diagnostic Variant	40
Active Diagnostic Version	03
ECU Part Number	68375113AB
Model Year	2019
Vehicle Line	RU
Body Style	Station Wagon
Country Code	USA / USA
ECU Serial Number	T00269830245
VIN Original	2C4RC1N74KR [REDACTED]
VIN Current	2C4RC1N74KR [REDACTED]

EAC DETAILS

NAME	VALUE
Active Diagnostic Variant	41
Active Diagnostic Version	02
ECU Part Number	68237995AG
VIN Original	2C4RC1N74KR [REDACTED]
VIN Current	2C4RC1N74KR [REDACTED]

AHCP DETAILS

NAME	VALUE
AHCP SW Version	C19A
MCPA SW Version	2105A0
Active Diagnostic Variant	40
Active Diagnostic Version	00
Hardware Part Number	05190174AM
ECU Part Number	05190241AQ
Model Year	2019
Vehicle Line	RU
Body Style	Station Wagon
VIN Original	2C4RC1N74K [REDACTED]
VIN Current	2C4RC1N74K [REDACTED]

EBBM DETAILS

NAME	VALUE
Active Diagnostic Variant	40
Active Diagnostic Version	00
ECU Part Number	68461813AB
ECU Serial Number	T006M058861655

ABSO DETAILS

NAME	VALUE
Active Diagnostic Variant	42
Active Diagnostic Version	01

ECU Part Number	68283578AD
Model Year	2019
Vehicle Line	RU
Body Style	Station Wagon
Country Code	USA
ECU Serial Number	T00YA223768990
Sensor Cluster Serial Number	1FJ30T21G897

SGW DETAILS

NAME	VALUE
VIN Original	2C4RC1N74K [REDACTED]
Diagnostic Variant ID	41
Diagnostic Version	02
Supplier ID	Bosch
ECU Part Number	68420261AA
System Supplier ECU Hardware Number	6002JE1371
System Supplier ECU Hardware Version Number	5
System Supplier ECU Software Number	V220
System Supplier ECU Software Version Number	564
ECU Serial Number	54 46 31 31 36 32 36 37 38 4A 33 34 32 37 30
Active Diagnostic Session Data Identifier	Extended Diagnostic Session



VEHICLE SCAN REPORT

Vehicle 2019 CHRYSLER PACIFICA (PHEV) 3.6L V6 PHEV HYBRID ENGINE
VIN 2C4RC1N74K[REDACTED]

Odometer 42177.2 miles
Publication Date Aug 29, 2022, 10:32:37 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
PCM	Powertrain Control Module	CAN-C	68416680AF	2C4RC1N74K	2C4RC1N74K	68416680AF
ICS	Integrated Center Stack	CAN-I	6EV321X8AB	2C4RC1N74K	2C4RC1N74K	6EV321X8AB
RFH	Radio Frequency Hub	CAN-C	68383680AB	2C4RC1N74K	2C4RC1N74K	68383680AB
ESM	Electronic Shifter	CAN-C	68240089AL	2C4RC1N74K	2C4RC1N74K	68240089AL
ORC	Occupant Restraint	CAN-C	68405567AB	2C4RC1N74K	2C4RC1N74K	68405567AB
EPS	Electric Power Steering	CAN-C	68416741AA	2C4RC1N74K	2C4RC1N74K	68416741AA
HVAC	Heat, Ventilation and A/C	CAN-I	68406613AA	2C4RC1N74K	2C4RC1N74K	68406613AA
DDM	Driver Door Module	CAN-I	68316559AD	2C4RC1N74K	2C4RC1N74K	68316559AD
PDM	Passenger Door Module	CAN-I	68316558AD	2C4RC1N74K	2C4RC1N74K	68316558AD
DMRL	Door Module Rear Left	CAN-I	68225096AG	2C4RC1N74K	2C4RC1N74K	68225096AG
DMRR	Door Module Rear Right	CAN-I	68225096AG	2C4RC1N74K	2C4RC1N74K	68225096AG
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AB	2C4RC1N74K	2C4RC1N74K	68369596AB
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AB	2C4RC1N74K	2C4RC1N74K	68369596AB
MSM	Memory Seat Module	CAN-I	68321862AC	2C4RC1N74K	2C4RC1N74K	68321862AC
PLGM	Power Liftgate	CAN-I	68316094AF	2C4RC1N74K	2C4RC1N74K	68316094AF
AMP	Amplifier	CAN-I	68440634AA	2C4RC1N74K	2C4RC1N74K	68440634AA
IPC	Instrument Panel Cluster	CAN-C	68405292AC	2C4RC1N74K	2C4RC1N74K	68405292AC
PTS	Parktronics	CAN-C	68193775AJ	2C4RC1N74K	2C4RC1N74K	68193775AJ
SCCM	Steering Column Control Module	CAN-C	68360889AB	2C4RC1N74K	2C4RC1N74K	68360889AB
BCM	Body Controller	CAN-C	68402177AB	2C4RC1N74K	2C4RC1N74K	68402177AB
ACC	Adaptive Cruise Control	CAN-C	04672758AA	2C4RC1N74K	2C4RC1N74K	04672758AA

HSM	Heated Seat Module	CAN-I	68421106AA	2C4RC1N74K		2C4RC1N74KR	68421106AA
RADIO	Radio	CAN-I	68401447AB	2C4RC1		2C4RC1N74KR	68401447AB
OCM	Occupant Classification	CAN-C	68403127AA	2C4RC1N74K		2C4RC1N74KR	68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB	2C4RC1N74K		2C4RC1N74KR	68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB	2C4RC1N74K		2C4RC1N74KR	04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB	2C4RC1N74K		2C4RC1N74KR	04672786AB
FFCM	Forward Facing Camera Module	CAN-C	04672776AA	2C4RC1N74K		2C4RC1N74KR	04672776AA
EDM	External Disc Module	CAN-I	68378304AA	2C4RC1N74K		2C4RC1N74KR	68378304AA
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1N74K		2C4RC1N74KR	05185046AB
BPCM	Battery Pack Control Module	CAN-C	68429967AD	2C4RC1N74K		2C4RC1N74KR	68429967AD
HCP	Hybrid Control Processor	CAN-C	05190240AQ	2C4RC1N74K		2C4RC1N74KR	05190240AQ
OBCM	On Board Charging Module	CAN-C	05185047AD	2C4RC1N74K		2C4RC1N74KR	05185047AD
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC	2C4RC1N74K		2C4RC1N74KR	68321862AC
DSM	Display Screen Module	CAN-I	68316174AB	2C4RC1N74K		2C4RC1N74KR	68316174AB
VRM	Video Routing Module	CAN-I	68376134AE	2C4RC1N74K		2C4RC1N74KR	68376134AE
RCCC	Rear Cabin Comfort Controls	CAN-I	68395990AA	2C4RC1N74K		2C4RC1N74KR	68395990AA
CVPM	Central vision processing module	CAN-I	68375113AB	2C4RC1N74K		2C4RC1N74KR	68375113AB
EAC	Electric A/C Compressor	CAN-C	68237995AG	2C4RC1N74K		2C4RC1N74KR	68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05190241AQ	2C4RC1N74K		2C4RC1N74KR	05190241AQ
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB	2C4RC1N74K		2C4RC1N74KR	68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68283578AD	2C4RC1N74K		2C4RC1N74KR	68283578AD
SGW	Security Gateway Module	CAN-C	68420261AA			2C4RC1N74KR	68420261AA

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	SERIAL NUMBER	CVNS
PCM	USA	1B 47	46 03 01	4419		
ICS	USA	0F 0C 00	11 16 00	4700		
RFH	USA / USA	10 17 00	12 08 00	4A00		
ESM	USA / USA	0F 24 00	12 02 FF	4402		
ORC	USA / USA	11 1F 00	11 27 00	4301		
EPS	USA / USA	12 02 03	11 15 01	4502		
HVAC	USA	0E 09 00	11 29 01	4401		

DDM	USA / USA	11 30 00	17 42 00	4102
PDM	USA	11 30 00	17 42 00	4102
DMRL	USA / USA	10 0B 00	12 0C 00	4201
DMRR	USA / USA	10 0B 00	12 0C 00	4201
PSDML	USA / USA	10 17 00	11 2D 10	4001
PSDMR	USA / USA	10 17 00	11 2D 10	4001
MSM	USA	0F 2B 00	10 27 03	4101
PLGM	USA	17 19 00	18 22 00	4202
AMP	USA	0F 05 01	12 1A 01	4021
IPC	USA / USA	12 0A 00	12 10 00	4704
PTS	USA	0E 32 00	12 1F 00	4311
SCCM	USA	0E 30 00	10 2B 00	4301
BCM	USA	0D 11 00	12 0B 90	4415
ACC	USA / USA	12 0E 00	11 0D 00	4201
HSM	USA / USA	15 12 00	12 05 01	4003
RADIO	USA	12 21 24	12 21 24	8205
OCM	USA / USA	11 1F 01	0E 2F 02	4030
HVACR	USA	0E 09 00	10 03 02	4301
LBSS	USA / USA	11 30 02	12 0D 00	4202
RBSS	USA / USA	11 30 02	12 0D 00	4202
FFCM	USA / USA	11 06 00	11 2B 00	4102
EDM	USA	12 0A 00	11 08 00	4000
APM	USA / USA	11 32 00	11 32 00	4001
BPCM		0E 03 00	12 07 04	4005
HCP	USA	11 1D 07	14 08 01	4005
OBCM	USA	0F 0D 00	11 2B 00	4002
MSMP	USA	0F 2B 00	10 27 03	4001
DSM	USA / USA	11 16 00	11 15 00	4000
VRM	USA / USA	0F 1C 00	11 32 13	4001
RCCC	USA	0F 1D 00	11 16 00	4000
CVPM	USA / USA	11 32 01	12 33 00	4003
EAC	USA	0E 34 00	12 0F 00	4102
AHCP	USA	11 1D 07	14 08 01	4000
EBBM	USA	0E 19 02	14 0D 18	4000
ABSO	USA	0E 15 02	14 13 17	4201
SGW		5	564	4102

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
PLGM	B195F-12	Power Liftgate Chime Control-Circuit Short to Battery	Active
HCP	P0A43-00	Drive Motor "A" Position Sensor Circuit Intermittent-	Stored

ENVIRONMENTAL DATA SUMMARY

SessionID # 6ad4dcec-8f42-4447-bf6a-1afdae0b75a1

PLGM | B195F-12 | Active | Power Liftgate Chime Control-Circuit Short to Battery

NAME	VALUE	UNITS
Test Failed	True	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
Original Odometer Value	42005	miles
Most Recent Odometer Value	42174	miles
Frequency Counter	69	
Operation Cycle Counter	0	

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	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Original Odometer Value	42144.2	miles
Most Recent Odometer Value	42144.2	miles
Frequency Counter	1	
Ignition Cycle Counter	1	
Real time clock	119949976	sec
RAM stamps keyOn	735	sec
RAM Stamps	123189	Min
Accelerator Pedal Position	0	%
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Engine Speed	0	rpm
HV Battery SOC	27	%
Ignition State	Reserved	
PRND Position Display	D	
Propulsion System Active	True	

Vehicle Speed	78.9093	MPH
Motor A Temp Sensor	129	°F
Motor B Temp Sensor	117	°F
Barometric Pressure	14	PSI
Engine Coolant Temperature	81	°F
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 Angle Offset	2.00	Degree
Motor B Resolver Angle Offset	2.80	Degree
Motor A Resolver Supply Voltage Value	15.75	Volts
Motor B Resolver Supply Voltage Value	15.75	Volts
Motor A Resolver to Digital Low Level Driver Faults	Resolver Degradation of Signal	
Motor B Resolver to Digital Low Level Driver Faults	No fault	
Battery Feed Voltage 2 Sense	14.472	Volts
Internal EPS Voltage Sense A	8.136	Volts
Internal EPS Voltage Sense B	8.136	Volts
Actual Torque - Motor A	-8.481	Ft-Lbs
Actual Torque - Motor B	9.403	Ft-Lbs
Available Motor Torque - Motor A	42.404	Ft-Lbs
Available Motor Torque - Motor B	71.995	Ft-Lbs
Available Regen Torque - Motor A	-42.404	Ft-Lbs
Available Regen Torque - Motor B	-71.995	Ft-Lbs
Commanded Torque - Motor A	-8.389	Ft-Lbs
Commanded Torque - Motor B	9.126	Ft-Lbs
Electric Motor A Speed	-10706.5	rpm
Electric Motor B Speed	8690.0	rpm
Battery Feed Voltage 1 Sense	14.472	Volts
Battery Feed Voltage 3 Sense	14.400	Volts
Hybrid System State	Propulsion System Active	
Motor A - Inverter Current - phase A	20	AMP
Motor A - Inverter Current - phase B	-56	AMP
Motor A - Inverter Current - phase C	28	AMP
Motor B - Inverter Current - phase A	32	AMP
Motor B - Inverter Current - phase B	12	AMP
Motor B - Inverter Current - phase C	-48	AMP
Outside Air Temperature	77.0	°F
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Closed	
HV Battery Voltage from BPCM	327.20	Volts
PIM DC Link Voltage - A	329	Volts
PIM DC Link Voltage - B	325	Volts

Inverter A IGBT Temperature for phase A	91	°F
Inverter A IGBT Temperature for phase B	90	°F
Inverter A IGBT Temperature for phase C	90	°F
Inverter B IGBT Temperature for phase A	90	°F
Inverter B IGBT Temperature for phase B	90	°F
Inverter B IGBT Temperature for phase C	90	°F
APM Status	Buck CV	
Impact Event	False	
HCP System Shutdown Command	Default	
Distance Travelled with Light ON	0	miles
Motor A Torque	-8.481	Ft-Lbs
Motor B Torque	9.403	Ft-Lbs
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
HV Battery Sleep Time	0	Days
Motor B Resolver Offset Learn Erase	not requested	
GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

SNAPSHOT DATA SUMMARY

No Snapshot Data available for B195F-12

No Snapshot Data available for P0A43-00