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CONFIGURATION REPORT

Vehicle 2021 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
VIN [redacted]

Odometer 4633.8 miles
Publication Date Jul 21, 2021, 10:57:19 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
PCM	Powertrain Control Module	CAN-C	68499122AE	[redacted]		68499122AE
PLGM	Power Liftgate	CAN-I	68466171AF			68466171AF
ICS	Integrated Center Stack	CAN-I	7AS341X8AA			7AS341X8AA
RFH	Radio Frequency Hub	CAN-C	68500152AA			68500152AA
ESM	Electronic Shifter	CAN-C	68240089AM			68240089AM
ORC	Occupant Restraint	CAN-C	68480710AC			68480710AC
EPS	Electric Power Steering	CAN-C	68460392AA			68460392AA
HVAC	Heat, Ventilation and A/C	CAN-I	68493454AE			68493454AE
DDM	Driver Door Module	CAN-I	68496461AB			68496461AB
PDM	Passenger Door Module	CAN-I	68496460AB			68496460AB
DMRL	Door Module Rear Left	CAN-I	68508894AB			68508894AB
DMRR	Door Module Rear Right	CAN-I	68508894AB			68508894AB
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AD			68369596AD
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AD			68369596AD
MSM	Memory Seat Module	CAN-I	68321862AC			68321862AC
CSWM	Comfort Seat Wheel Module	CAN-I	68517013AB			68517013AB
AMP	Amplifier	CAN-I	68448067AA			68448067AA
IPC	Instrument Panel Cluster	CAN-C	68434960AE			68434960AE
PTS	Parktronics	CAN-C	68485862AA			68485862AA

SCCM	Steering Column Control Module	CAN-C	68360889AD		68360889AD
BCM	Body Controller	CAN-C	68491085AG		68491085AG
ACC	Adaptive Cruise Control	CAN-C	68540436AA		68540436AA
RADIO	Radio	CAN-I	68465292AC		68465292AC
OCM	Occupant Classification	CAN-C	68403127AA		68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB		68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB		04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB		04672786AB
FFCM	Forward Facing Camera Module	CAN-C	68493395AA		68493395AA
EDM	External Disc Module	CAN-I	68499745AA		68499745AA
APM	Accessory Power Module	CAN-C	05185046AB		05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193183AE		05193183AE
HCP	Hybrid Control Processor	CAN-C	05185116AH		05185116AH
OBCM	On Board Charging Module	CAN-C	05185047AE		05185047AE
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC		68321862AC
DSM	Display Screen Module	CAN-I	68437339AD		68437339AD
VRM	Video Routing Module	CAN-I	68493702AA		68493702AA
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30DX9AA		6WL30DX9AA
CVPM	Central vision processing module	CAN-I	56029920AB		56029920AB
EAC	Electric A/C Compressor	CAN-C	68237995AG		68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05185117AH		05185117AH
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB		68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD		68471122AD
SGW	Security Gateway Module	CAN-C	68488429AB		68488429AB
TBM2	Telematic Box Module 2	CAN-C	68546266AB		68546266AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS

PCM	USA	1B 47	75 01 01	4422	F2DB13B9
PLGM	USA	0	5269	000200000031	
ICS	USA	0F 0C 00	13 31 01	4700	
RFH	USA / USA	10 17 00	13 26 00	4A00	
ESM	USA / USA	0F 24 00	12 28 FF	4402	
ORC	USA / USA	12 1A 00	13 2E 00	4301	
EPS	USA / USA	12 2A 00	12 1E 01	4502	
HVAC	USA	0E 09 00	14 2F 01	4401	
DDM	USA	11 07 00	14 07 00	4202	
PDM	USA	11 07 00	14 07 00	4202	
DMRL	USA / USA	10 0B 00	14 08 00	4201	
DMRR	USA / USA	10 0B 00	14 08 00	4201	
PSDML	USA / USA	10 17 00	14 10 12	4001	
PSDMR	USA / USA	10 17 00	14 10 12	4001	
MSM	USA	0F 2B 00	10 27 03	4101	
CSWM	USA	11 2A 00	14 25 00	4302	
AMP	USA	0F 06 01	12 2E 01	4021	
IPC	USA / USA	12 06 00	14 2B 00	4705	
PTS	USA	0E 32 00	14 07 00	4311	
SCCM	USA	13 28 00	13 29 00	4301	
BCM	USA	0D 11 00	14 26 90	4420	
ACC	USA / USA	14 12 01	14 26 01	4400	
RADIO		65	5175	000200000008	
OCM	USA / USA	11 1F 01	0E 2F 02	4030	
HVACR	USA	0E 09 00	10 03 02	4301	
LBSS	USA / USA	11 30 02	12 0D 00	4202	
RBSS	USA / USA	11 30 02	12 0D 00	4202	
FFCM	USA / USA	11 06 00	13 1E 00	4102	
EDM	USA	12 0A 00	11 08 00	4000	
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM	Not programmed / COUNTRY_SNA	0E 03 00	14 2C 00	4005	79855957
HCP	USA	11 1F 04	0F 2D 00	4006	879F1587 D754327D 050DC953
OBCM	USA	0F 0D 00	12 02 00	4002	
MSMP	USA	0F 2B 00	10 27 03	4001	
DSM	USA / USA	14 0C 00	14 28 00	4300	
VRM	USA / USA	0F 1C 00	14 1E 14	4001	
RCCC	USA	0F 1D 00	13 04 00	4000	
CVPM	USA / USA	11 27 01	14 0C 01	4004	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1F 04	0F 2D 00	4000	
EBBM	USA	0E 19 02	14 0D 18	4000	E5898FA5
ABSO	USA	0E 15 02	14 1B 26	4201	4F158D1B
SGW		5	969	4103	

TBM2	USA	13 0E 02	14 2A 5C	4104	

CONFIGURATION

PCM CONFIGURATION

NAME	VALUE	UNITS
Secondary Mass Airflow Sensor Equipped	False	
Active Exhaust Pressure Sensor Equipped	False	
Active Exhaust Valve(s) Equipped	False	
Electronic Parking Brake Equipped	True	
Heater Temp Control Valve Equipped	False	
Wastegate HBridge Equipped	False	
Aux Coolant Pump Heater Equipped	False	
Mechanical Coolant Pump Equipped	False	
High Side Port Tumble Valve Equipped	False	
Direct Injection Equipped	False	
Brake Pedal Sensor Equipped	False	
Active Engine Mount Equipped	False	
SRV Equipped	False	
Clutch Interlock Switch Equipped	False	
Mechanical Coolant Pump Heater Equipped	False	
2.0 Liter WI4 engine	False	
Transmission Software Included	False	
Sensorless FFV Enabled	False	
TIP Equipped	False	
5.7 Liter V8 Engine	False	
62TE	False	
Adaptive Cruise Control Hardware Equipped	False	
MDS Equipped	False	
Electric Thermostat Heater Equipped	False	
Rear Heater Equipped	False	
Unleaded Gasoline Fuel	True	
Knock Sensor 2 Equipped	True	
ETC Cruise equipped	False	
3.8 Liter V6 Engine	False	
ZF 9-Speed Transmission Equipped	False	
AC Equipped Over Bus	False	
VLP Is Learnable Indicator	False	
Power Steering Switch Equipped	False	
Primary Lin Alternator Equipped	False	
Tumble Generator Valve Equipped	False	
Fiat 940 Compact Equipped	False	
CUSW PROXI Write Programming Support Enabled	False	
Engine Software In Package	True	
Dual Fuel Pressure Sensor Equipped	False	

Wide Range O2 Sensor 1/1 Equipped	False	
66RFE / 68RFE	False	
A/C Equipped	True	
4 Speed Automatic Transmission Equipped	False	
Electronic Throttle Control Equipped	True	
O2 Sensor Bank 2 Sensor 2 Equipped	True	
Secondary Air Equipped	False	
High Side Port Tumble Valve Equipped	Undefined	
Shift Indicator Lamp Equipped	False	
3.3 Liter V6 Engine	False	
4.0 Liter I6 Engine	False	
Turbocharger Equipped	False	
45RFE / 545RFE / 65RFE	False	
3 Speed Fan Mechanical Relay System Equipped	False	
GPEC3 Equipped	False	
O2 Sensor Bank 2 Sensor 1 Equipped	True	
Constant Heater Temperature Control Valve Equipped	False	
Air Shutoff Valve Bank 1 Control Solenoid 2 Equipped	False	
Secondary Fuel Pump Equipped	False	
Aisin 6-Speed RWD Transmission Equipped	False	
Fixed displacement AC Equipped	True	
Air Shutoff Valve Bank 2 Control Solenoid 2 Equipped	False	
PTO System Equipped	False	
VMM Equipped	False	
O2 Sensor Bank 1 Sensor 2 Equipped	True	
Viscosity Sensor Equipped	False	
Transmission Oil Heater Equipped	False	
Electronic Vacuum Pump Equipped	False	
MultiAir Equipped	False	
6.2 Liter V8 Engine	False	
Auxiliary Coolant Pump Equipped	False	
Police Package Equipped	False	
Linear Purge Equipped	False	
DUAL_ALTERNATOR_GEN1_LEARNEDCOPY	False	
2.7 Liter V6 Engine	False	
Oil Pressure Sensor Enabled	True	
Exhaust Cam 1 Equipped	True	
MTV Solenoid Equipped	False	
GPEC4 Equipped	False	
Active Exhaust Valve Equipped	False	
WI4 Variable Valve Timing Equipped	True	
Exhaust Cam 2 Equipped	True	
Supercharger Equipped	False	
Adaptive Cruise Control Equipped	True	

Continuous Variable Transmission Equipped	False	
Powernet Equipped	True	
Low Temperature Radiator Coolant Pump Equipped	False	
TOOLCONFIG_OIL_PRESS_ABS_EQUIPPED	True	
3.7 Liter V6 Engine	False	
Port Flap Valve Equipped	False	
O2 Sensor Bank 1 Sensor 1 Equipped	True	
WI4 Intake Flow Control Valve Equipped	False	
GPEC2A Equipped	True	
Trans Skip Shift Equipped	False	
42RLE	False	
4 Button Integrated Cruise Control	False	
Yaw Rate Sensor ESC Equipped	False	
Vehicle Speed Sensor #1 Calculated by ECU	False	
GPEC2 Equipped	False	
Buffered Crank Output for ANC (Active Noise Cancellation) Equipped	True	
Engine Idle Shutoff Equipped	False	
Brushless PWM Fan Equipped	NOT_FAN_PWM_BOSCH_BRUSHLESS_CNFG	
3.0 Liter V6 Engine	False	
Operator Idle Speed Request Equipped	False	
Auxiliary Heater Electric Water Pump Equipped	False	
3.2 Liter V6 Engine	False	
Electronic Coolant Pump Equipped	False	
HPT 6-Speed Transmission Equipped	False	
Dual Fuel Tank Equipped	False	
Wide Range O2 Sensor 2/1 Equipped	False	
Engine Oil Heater Cooler Equipped	True	
Active Grille Shutter Equipped	True	
Coolant On-Off Valve Equipped	False	
Cummins Equipped	False	
Electronic Automatic Transmission (EATX) Equipped	False	
Fan Wake Up Relay System Equipped	False	
Linear EGR Equipped	False	
Barometric Sensor Equipped	False	
40TE / 41TE / 41TEA	False	
CMCV H-Bridge Equipped	Undefined	
Intake Cam 2 Equipped	True	
O2 Sensor Bank 1 Sensor 3 Equipped	False	
AC Equipped	False	
1 Speed Fan Mechanical Relay System Equipped	False	
Battery Temp Sensor Equipped	False	
Dual Stage Oil Pump Equipped	True	
Dual Speed Fuel Pump Equipped	False	
Next Gen Bus Equipped	False	

EMAT (Getrag DCT transmission) Equipped	False	
Air Shutoff Valve Bank 1 Control Solenoid 1 Equipped	False	
Active Exhaust Pressure Sensor Equipped	False	
Buffered Crank Output for PHEV Engine Pulse Calculation Equipped	True	
Throttle Inlet Temp Sensor Equipped	False	
Starter Relay 2 Equipped	False	
Electric Coolant Valve Equipped	False	
Cooled EGR Equipped	False	
Duty Cycle Purge Valve Equipped	True	
Turbine Volute Valve Actuator Equipped	Undefined	
Vehicle Speed Sensor #1 Calculated from CAN	False	
Linear PWM Fan Relay System Equipped	False	
Knock Sensor 1 Equipped	True	
Humidity, Temperature and Pressure Sensor (LIN) Equipped	False	
VLP Equipped Indicator	False	
VFS Actuators Available Indicator	False	
Engine Stop Start Equipped	False	
1.0 Liter I3 Engine	False	
Variable Speed Fuel Pump Equipped	True	
Compressed Natural Gas Equipped	False	
ICC Cruise Equipped	False	
Coolant On-Off Pump Equipped	False	
3.6 Liter V6 Engine	True	
Unleaded diesel fuel	False	
2 Speed Fan 3 Driver 3 Relay System Equipped	False	
ESIM Equipped	False	
Variable Displacement AC Equipped	False	
4.7 Liter V8 Engine	False	
PWM Fan Motor System Equipped	True	
ERS Equipped Indicator	False	
Fiat VIN Learning Strategy Equipped	False	
Inrush Current Reduction Relay Equipped	False	
Intake Cam 1 Equipped	True	
2 Speed Fan Mechanical Relay System Equipped	False	
6.4 Liter V8 Engine	False	
6.1 Liter V8 Engine	False	
2.4 Liter WI4 engine	False	
Trans Reverse Lockout Equipped	False	
CUSW (11-Bit) Equipped	False	
Auxiliary Coolant Pump Heater Equipped	Undefined	
Electric Water Pump Equipped	False	
3.5 Liter V6 Engine	False	
Hybrid Electric Vehicle Equipped	True	
2 Speed Fan PWM Relay System Equipped	False	

Wastegate H-Bridge Equipped	Undefined	
1.8 Liter WI4 engine	False	
Operator Idle Speed Request Equipped	False	
Cylinder Pressure Sensor Equipped	False	
Throttle Inlet Temp Sensor Equipped	False	
Mass Airflow System Equipped	False	
Clutch Sensor Equipped	False	
Dual Fuel Pressure Sensor Equipped	False	
Make Up Air Sensor Equipped	False	
Bi-Directional Crank Sensor Equipped	True	
CUSW 4-Button Cruise Equipped	False	
SWAP HARDWIRED BRAKE SWITCH INPUTS	False	
5 Button Cruise (LIN) Equipped	True	
Power Steering Angle Sensor Mandatory	False	
LIN Humidity, Temp, and Pressure Sensor Equipped	False	
INTAKE O2 SENSOR EQUIPPED	False	
Brake Pedal Sensor Equipped	False	
Remote Start Present	Present	
Coolant On-Off Pump Equipped	Not Equipped	
Primary Lin Alternator Equipped	Not Equipped	
Variable Valve Lift Equipped	Not Equipped	
2.0 Liter I4 Direct Injection Engine	False	
1.0 Liter I3 Engine	False	
Low Temp Radiator Coolant Pump Equipped	False	
Engine Idle Shutoff Equipped	False	
ZF 9-Speed Trans Equipped	False	
A/C Relay Powered from Engine Switched Battery	False	
PTO System Equipped	False	
HPT 6-Speed Trans Equipped	False	
Hybrid MEC Shifter Equipped	False	
CNG Large Gas Tank Equipped	False	
Dual Alternator Gen1 Capable	False	
Dual Fuel Tank Equipped	False	
Cooled EGR Equipped	False	
Auxillary Coolant Pump Equipped	False	
Supercharger Equipped	False	
Engine Oil Pressure Sensor Type	255	None

ICS CONFIGURATION

NAME	VALUE	UNITS
Display Type (Mid)	False	
Display Type (Base)	True	
Display Type (High)	False	

RFH CONFIGURATION

NAME	VALUE	UNITS
Hardware Configuration: Trunk Door Handle H/W	Simple Switch AP	
Hardware Configuration: Remote Start Antenna	Present	
Hardware Configuration: Front Right Door Handle H/W	Serial AP	
Hardware Configuration: Front Left Door Handle H/W	Serial AP	
Hardware Configuration: Rear Right Door Handle H/W	No AP	
Hardware Configuration: Rear Left Door Handle H/W	No AP	
Valid Key In Ignition	Yes	
Fob Location #3 Successfully Programmed	Yes	
Fob Location #5 Key sense status	Fob is NOT Key Sense	
Secret Key Sent to Body Controller - Original attempt	Yes	
Fob Location #7 Key sense status	Fob is NOT Key Sense	
Fob Location #3 Key sense status	Fob is Key Sense	
Fob Location #7 Successfully Programmed	No	
Fob Location #6 Successfully Programmed	No	
Fob Location #5 Successfully Programmed	No	
Fob Location #8 Key sense status	Fob is NOT Key Sense	
PIN Successfully Programmed	Yes	
RFHub Locked	RFHUB Locked after IAC write	
Fob Location #1 Key sense status	Fob is NOT Key Sense	
Fob Location #4 Key sense status	Fob is NOT Key Sense	
Fob Location #6 Key sense status	Fob is NOT Key Sense	
Fob Location #1 Successfully Programmed	Yes	
Secret Key Sent to Body Controller - Most recent attempt	Yes	
Fob Location #2 Successfully Programmed	Yes	
Fob Location #4 Successfully Programmed	No	
Fob Location #2 Key sense status	Fob is NOT Key Sense	
VIN Successfully Programmed	Yes	
Fob Location #8 Successfully Programmed	No	
Base TPM	False	
Auto Park Present	True	
e-shifter present	True	
Secret Codes Programmed	True	
KeySense Configuration	True	
Ignition system type connected	KIN system	
RKE	True	
Remote Start Present	True	
$0214 Programmed by	Programmed by Supplier EOL	
TPM Auto-Locate Enabled	True	
Keyless Go	True	
Passive Entry	True	
Hybrid Type	PHEV	
Module Configuration Status	True	

Premium TPM	True	
Back Up ECU Configuration 16	True	
Back Up ECU Configuration 14	True	
Back Up ECU Configuration 7	True	
Back Up Vehicle Config 1	True	
Back Up ECU Configuration 10	True	
Back Up ECU Configuration 11	True	
Back Up Vehicle Config 4	True	
Back Up Vehicle Config 3	True	
Back Up Customer Settings Menu 1 (CSM1)	True	
Back Up ECU Configuration 2	True	
Back Up ECU Configuration 1	True	
Back Up ECU Configuration 9	True	
Back Up Programmed ECUs: Cabin Network	True	
Back Up Vehicle Config 5	True	
Back Up ECU Configuration 3	True	
Back Up Customer Settings Menu 2 (CSM2)	True	
Back Up Vehicle Config 6	True	
Back Up ECU Configuration 12	True	
Back Up Programmed ECUs: P/T Chassis Network	True	
Back Up ECU Configuration 4	True	
Back Up ECU Configuration 17	True	
Back Up ECU Configuration 8	True	
Back Up ECU Configuration 13	True	
Back Up Vehicle Config 7	True	
Back Up ECU Configuration 5	True	
Back Up Vehicle Config 2	True	
Back Up ECU Configuration 15	True	
Back Up ECU Configuration 6	True	

ORC CONFIGURATION

NAME	VALUE	UNITS
First Row Driver Seatbelt Buckle Switch	Configured	
Driver Seat Track Position Sensor	Configured	
Second Row Left Seat Side Airbag	Not Configured	
Rollover Sensing	Configured	
Passenger Seatbelt Retractor Pretensioner	Configured	
Passenger Seatbelt Anchor Pretensioner	Configured	
Driver Seatbelt Anchor Pretensioner	Configured	
Left Side Seat Squib 1	Configured	
Driver Frontal Squib 3	Configured	
Passenger Seatbelt Load Limiter	Configured	
Passenger Occupant Detection Sensor	Not Configured	
Passenger Seatbelt Buckle Pretensioner	Not Configured	

Second Row Left seat belt Switch	Not Configured	
Left B-Pillar Impact Acceleration Sensor	Configured	
Right Up-Front Acceleration Sensor	Configured	
Configuration Column Identifier	A3	
Passenger Airbag Disable Indicator	Not Configured	
Passenger Frontal Squib 1	Configured	
Driver Frontal Squib 1	Configured	
Passenger Frontal Squib 3	Configured	
Right Side Seat Squib 1	Configured	
Second Row Right seat belt Switch	Not Configured	
Left Up-Front Acceleration Sensor	Configured	
Right Curtain Squib 1	Configured	
Left C-Pillar Impact Acceleration Sensor	Configured	
Passenger Seat Track Position Sensor	Configured	
Driver Knee Bolster Squib	Configured	
Occupant Classification (OCM)	Configured	
Passenger Frontal Squib 2	Configured	
Driver Frontal Squib 4	Not Configured	
Second Row Center seat belt Switch	Not Configured	
Left Curtain Squib 1	Configured	
Right Side Door Pressure Sensor	Configured	
First Row Passenger Seatbelt Buckle Switch	Configured	
Right B-Pillar Impact Acceleration Sensor	Configured	
Left D-Pillar Impact Acceleration Sensor	Configured	
Right D-Pillar Impact Acceleration Sensor	Configured	
Right C-Pillar Impact Acceleration Sensor	Configured	
Driver Seatbelt Load Limiter	Configured	
Driver Seatbelt Retractor Pretensioner	Configured	
Second Row Right Seat Side Airbag	Not Configured	
Passenger Frontal Squib 4	Not Configured	
Passenger Airbag Disable Switch	Not Configured	
Passenger Knee Bolster Squib	Configured	
Driver Frontal Squib 2	Configured	
Left Side Door Pressure Sensor	Configured	
EPPM	Not Configured	
Driver Seatbelt Buckle Pretensioner	Not Configured	

EPS CONFIGURATION

NAME	VALUE	UNITS
Stop/Start Feature Active	False	
Parallel Park Assist Feature Active	True	
Dynamic Steering Torque Feature Active	True	
Lane Feedback Feature Active	True	

HVAC CONFIGURATION

NAME	VALUE	UNITS
HVAC Configuration	Dual Zone ATC + Rear	
Single Zone MTC Control (BB)	False	
DualZone ATC Control (BB)	True	
Dual Zone MTC Control (BB)	False	
MTC Without EBL (3Knob)	False	
MTC With EBL (3Knob)	False	
DualZone ATC Control (Factory) (BB)	True	
MTC heater only (3Knob)	False	

PDM CONFIGURATION

NAME	VALUE	UNITS
Frameless Window	False	

PSDML CONFIGURATION

NAME	VALUE	UNITS
VSIM Status	False	

PSDMR CONFIGURATION

NAME	VALUE	UNITS
UPFM Status (Present = True, Absent = False)	False	

MSM CONFIGURATION

NAME	VALUE	UNITS
Adjustable Pedals	False	
Telescope/Tilt	False	

CSWM CONFIGURATION

NAME	VALUE	UNITS
EC - Seat B	Programmed	
EC - Seat A	Programmed	
Vehicle Line L-Series	False	
Vehicle Line R-Series	True	
Vehicle Line D-Series	False	
Heated Steering Wheel	True	
Vehicle Line J-Series	False	
Vehicle Line U-Series	False	
Vehicle Line W-Series	False	
Vehicle Line M-Series	False	
Vehicle Line P-Series	False	

AMP CONFIGURATION

NAME	VALUE	UNITS
Left/Right Hand Drive	Left Hand Drive	
ANC Status	Off - Window Mute	
Current EQ Checksum	FD 83 65 9E	
Premium - 3	True	
Premuim - 1 (8 channel)	False	
Premuim - 2 (12 Channel)	False	
Non -ANC	False	
Current ANC Calibration ID - Service	RU PHEV 3.6L: Tripane Sunroof & Harman AMP	
Sub-EQ Set Selected	Cabin EQ Selected	
Cabin Equalization Curve Number	53	
Teen Key Present	True	
Surround Sound Activated	Set	
Door Module - Right Rear	Present	
Door Module - Left Front	Present	
Door Module - Left Rear	Present	
Door Module - Right Front	Present	
ANC Calibration Date - Year	18	
ANC Calibration Date - Week	45	
ANC Calibration Date - Patch Level	2	

IPC CONFIGURATION

NAME	VALUE	UNITS
PHEV	True	
Rear Fog Lamp	False	

PTS CONFIGURATION

NAME	VALUE	UNITS
Front License Plate Configuration	Front Plate Config - USA	
Front System with 6 Rear Sensors	True	
Rear System with 6 Front Sensors	True	

SCCM CONFIGURATION

NAME	VALUE	UNITS
Rear Wiper	True	
Paddle Shifter	False	
Cruise Control / ACC	True	
Tilt Telescope	False	

BCM CONFIGURATION

NAME	VALUE	UNITS
Number of Reprogramming Attempts - Counter #0	1	
Last Programmed Status	Manufacturing	

Vehicle Configuration Programmed Status	True	
ECU Configuration 6 (Brake)	4	
ECU Configuration 4	4	
Programmed ECUs: P/T Chassis Network	4	
ECU Configuration 2 (CBC Features)	4	
ECU Configuration 15 (Suspension)	4	
ECU Configuration 9 (ITM)	4	
ECU Configuration 5 (Doors)	4	
ECU Configuration 6 (Safety)	4	
Vehicle Configuration 2 - Write Counter	4	
Vehicle Configuration Auto Write Counter	1	
Vehicle Configuration 5 - Write Counter	4	
Vehicle Configuration 4 - Write Counter	4	
ECU Configuration 13	4	
Vehicle Configuration 7 - Write Counter	4	
ECU Configuration 10	4	
ECU Configuration 7 (CBC Exterior Lighting Calibrations)	4	
ECU Configuration 11	4	
ECU Configuration 5 (Memory)	4	
Programmed Network Configuration - Audio / Telematics Network	0	
ECU Configuration 8 (LIN and Miscellaneous)	4	
ECU Configuration 12	4	
Last Configuration Odometer	0	miles
Programmed ECUs: Hybrid LAN Network	0	
Vehicle Config CSM1	4	
Vehicle Configuration 6 - Write Counter	4	
ECU Configuration 3	4	
Vehicle Configuration 1 - Write Counter	4	
ECU Configuration 1 (CBC Configurable Inputs and Outputs)	4	
Programmed ECUs: Cabin Network	4	
ECU Configuration 6 (Suspension)	4	
ECU Configuration 6 (Powertrain)	4	
ECU Configuration 15 (CBC Features)	4	
Vehicle Configuration 3 - Write Counter	4	
Vehicle Config CSM2	4	
ECU Configuration 5 (Wireless)	4	
ECU Configuration 9A	4	
ECU Configuration 14	4	
Drive Configuration	2WD Front	
Special Packages	74	
Body Style	Station Wagon	
Vehicle Line	RU	
PTS Configuration	Semi Automatic / Semi Automatic	
Country Code	USA	

Model Year	2021	
Maximum Vehicle Speed	0	MPH
Left/Right Hand Drive	Left Hand Drive	
Select Speed Control Feature Present	Not Set	
Remote Start Present	Set	
Hill Descent Feature Present	Not Set	
Auto Highbeam	Set	
Shifter Type	5 Position Rotary Eshifter PRNDL / Type RS5L	
Emode Present	Not Set	
Performance Pages Present	Not Present	
Off Road Capable	Not Set	
Cruise Feature is Present	Not Set	
Thatcham Present	Not Set	
Air Conditioning Present	Not Set	
Full Size Spare	Not Set	
Special Packages IC	Pacifica	
Max Load Inflation Pressure Rear Tire	36.0	PSI
Power Inverter Type	No Power Inverter	
Rain Sensor Present	Set	
SKIM System Present	Not Set	
Flipper Glass Present	Not Set	
Max Load Inflation Pressure Front Tire	36.0	PSI
Vehicle is an SRT	Not Set	
Sport Mode Present	Not Set	
HVAC Configuration	Dual Zone ATC + Rear	
RKE System Present	Set	
Auto Headlamp Feature Present	Set	
Forward Collision Warning present	Set	
Chassis Type	Type 8	
Auto Park Present	Set	
Secondary Lock Present	Not Set	
Door Alert Feature Present	Not Set	
Disable Display of Radio Clock	Not Set	
Display Compass Heading Present	Set	
High Intensity Discharge Head Lamps	Set	
Paddle Shift Feature Present	Not Set	
T-Case Type	Not Present / Not Present	
Fuel Capacity	17	gallons
Wheel Base	Wheel base not programmed / WB_NP	
ELV Present	Not Set	
Keyless Go Present	Set	
Liftgate/Trunk Type	Power Liftgate	
ESCL system present	Not Set	
Collision Mitigation System present	Set	

FOBIK Safe Enable	Set	
Base TPM system present	Not Set	
Police Lighting Feature	Not Set	
Passive Entry Present	Set	
Window Express Feature Configuration	All windows express feature	
Power Left Sliding Door Present	Set	
Display Outside Temperature Present	Set	
Power Right Sliding Door Present	Set	
Two Fuel Sending Units Present	Not Set	
Adjustable Pedal Feature Present (non-Memory)	Not Set	
Vehicle Brand	Chrysler	
Premium TPM system present	Set	
Transfer Case Low Range Reduction Ratio	0.000	
Axle Ratio	3.251	
Transfer Case High Ratio	1.000	No Unit
Dynamic Tire Circumference (All or Rear)	89	inch
Steering Ratio at Negative Angle 1	0.0	No Unit
Analog Door Sensor Configuration	Driver Door Only Analog Sensor	
Air Quality System Present	Not Set	
Connector E Pin 8: PHEV HCP Hardwire Wakeup	Set	
Connector G Pin 24 (Internally tied to Connector F Pin 7): Ambient Lighting Output	Set	
Connector D Pin 22/ Connector D Pin 23: Ambient Temperature Signal/Return Present	Set	
Connector F Pin 23: Door Lock Switch Signal Front Passenger Present	Set	
Connector F Pin 29: Horn Switch Present	Set	
Connector D Pin 11: Stop/Turn Trailer Tow Left Output Present	Not Set	
Connector D Pin 7: Stop/Turn Trailer Tow Right Output Present	Not Set	
Connector E Pin 48 (Tied internally to Connector A Pin16): Rear Wiper Motor Control Output Present	Set	
Connector D Pin 9: Trailer Tow Backup Output Present	Not Set	
Connector G Pin 15: UGDO Feed Output Present	Set	
Connector A Pin 3/Connector D Pin 2: Low Beam Output Present	Set	
Connector E Pin 5: PHEV Fuel Door Switch Input	Set	
Connector F Pin 4: Liftgate Release Present	Not Set	
Connector E Pin 29: Rear Wiper Motor Park Signal Present	Set	
Connector G Pin 22: VTA Warning LED Output Present	Set	
Connector E Pin 9: Run-ACC Y Relay #2 Output Present	Set	
Connector E Pin 41: Charge Port Unlock Output Present	Set	
Connector E Pin 11: Vacuum Switch Input	Not Set	
Connector F Pin 8 : Liftgate Release Outside Handle Switch Present	Not Set	
Connector F Pin 6: Fuel Door Motor Output Signal Present	Set	
Connector G Pin 9: Ambient Light Dimmer Wheel Input Present	Set	
Connectro E Pin 37: Right HID Control Output Present	Not Set	
Connector E Pin 34: Vacuum Cleaner Relay Output Present	Not Set	

Connector F Pin 9: Analog Door Ajar Signal Front Driver Present	Set	
Connector A Pin 11: Hood Ajar Switch Input Present	Set	
Connector D Pin 12: PHEV ECM Hardwire Wake Up Output Present	Set	
Connector E Pin 4/Connector F Pin 32: Rear Park Lamps Output Present	Set	
Connector E Pin 3/Connector F Pin 42: Rear Turn Lamps Output Present	Not Set	
Connector D Pin 10: Trailer Tow Tail Lamp Output Present	Not Set	
Connector E Pin 7: Left HID Relay Control Output Present	Not Set	
Connector F Pin 35: Inverter Enable Relay Output Present	Set	
Connector A Pin 10/Connector D Pin 5: Side Markers Output Present	Set	
Connector E Pin 39/Connector F Pin 5: Rear Fog Lamps Output Present	Not Set	
Connector E Pin 42: Charge Port Lock Output Present	Set	
Side Repeaters Enable	Not Set	
Front Wiper Park Enable	Set	
Headlamp Washer Low Fluid Shut-Off Enable	Set	
Illuminated approach Enabled	Not Set	
Reversible Washer Pump Enable	Set	
Exterior Light Loadshed Enable	Set	
LED Front Park/Marker Lamps Present	Set	
LED Front Turn Lamps Present	Not Set	
Front Fog Lamp Dropout Enable	Set	
Headlamp Wash Spray Duration (at 100 ms intervals)	1100ms	
DRL Configuration	No DRL	
Trailer Tow Present	Not Set	
LED High Beam Lamps Present	Set	
Horn Chirp Allowed	Set	
Headlamp Wash Interval	wash cycle#11	
LED License Lamps Present	Set	
Wiper Service Position Enabled	Not Set	
Hazard Lamp Configuration	Latching Switch	
LED CHMSL Lamp Present	Set	
Fuel Door Release Enabled	Not Present	
LED Tail Lamps Present	Set	
Bi Xenon Headlamps Enable	Not Set	
Combined Rear Lighting Enable	Set	
LED Low Beam Lamps Present	Set	
DRL Dropout Enable	Not Set	
Headlamp Wash Shot	double	
One Touch Lane Change	Set	
Rear Wiper Park Enable	Set	
Combined Front Park/Turn Feature Enable	Not Set	
LED Dedicated DRL Present	Not Set	
Front Wiper Wipes After Wash	2 Wipes	

LED Stop Lamps Present	Not Set	
LED Rear Fog Lamps Present	Not Set	
Fuel Door Present	Not Set	
LED Front Fog Lamps Present	Set	
Tip Start Enabled	Set	
LED Rear Turn Lamps Present	Not Set	
Tunnel Detection	Not Set	
Dual Start Relay System Present	Not Set	
Park Lamp Loadshed Enable	Set	
Quad Headlamps Enable	Set	
LED Reverse Lamps Present	Not Set	
DRL Lamp Location	Low Beam DRL	
Intermittent Wiper States	4 Intermittent Wiper position Switch	
External Port Type	AUX + USB + extra USB	
Splashscreen Type	Vehicle Brand	
Rear Camera Present	Not Set	
Front Park Assist Present	Set	
Surround Sound Feature Present	Set	
Power Inverter Present	Not Set	
Microphone Type	Peiker 300 mv	
Antenna Type	Active Primary and no secondary antenna	
Front Heated Seats Present	Set	
Cabin Equilization Curve Number	RU Premium System - Harman 12ch	
Microphone Tuning Parameter	Absent [Not Used]	
Heated Steering Wheel Present	Set	
Destination	United States of America	
Microphone Configuration	2 Microphones	
Power Door Locks Present	Set	
Disable CD Eject	Not Set	
Fleet Vehicle Content	Not Set	
AP4 Right Rear	CAN	
Tip Start Present	Set	
Airport Scenario Trunk	Not Set	
AP2 Right Front	Smart Switch	
AP5 Trunk Lock	Simple Switch	
AP3 Left Rear	CAN	
Vehicle Variant	Undefined	
AP1 Left Front	Smart Switch	
AP5 Trunk Unlock	CAN	
Passenger Window Lockout	Not Set	
Blindspot Mirror Present	Set	
Heated Mirrors Present	Set	
Window Hall Sensors Present	Not Set	
Passenger Memory Mirror Present	Set	

Puddle Lamp Present	Not Set	
Electro-chromatic driver mirror present	Set	
Sun Shade	Not Set	
Mirror turn signals present	Set	
Electro-chromatic passenger mirror present	Not Set	
Tow Mirror Present	Not Set	
Folding mirrors present	Set	
Global Down	Not Set	
Frameless Window Present	Not Set	
Window Motor Type	Not Set	
Driver Memory Mirrors Present	Set	
Global Up	Not Set	
Rear Door Pre Short Drop	Not Set	
Stow 'n Assist Present - Passenger	Set	
Memory Adjustable Pedals Present	Not Set	
Heated Steering Wheel Present	Present	
Heated Wheel Material Type	Full Leather	
Heated Seat Material Type	Base Leather	
Front Vented Seats Present	Present	
Rear Heated Seats Present	Not Present	
Stow 'n Assist Present - Driver	Set	
Tilt/Telescope Steering Present	Not Set	
Driver Memory Seat Present	Set	
Brake System ECU Configuration A	value 0	
Dual Alternator Present	Not Set	
ECO Mode Configuration	Remember Previous State with Ignition Key Cycle	
Max Engine Off Time	220	Time
Connector E Pin 3: Left Rear Turn Signal	Left Rear Turn Signal	
Connector F Pin 29: Horn Switch Present	Horn Switch Input	
Humidy Sensor Long Present	Set	
Connector F Pin 13: Left Sliding Door Switch Input (B-Pillar)	Left B-Pillar sliding Door Switch	
Heatsoak Speed	15	Counter
License Plate Lamp Disable	Not Set	
Engine Off Clear Time	180	Time
CHMSL Lamp Output Disable	Not Set	
Ambient Stable Counter Limit	40	Counter
Conncetor F Pin 33: Fuel Door Unlock (BUX)	Not Present	
Connector F Pin 14: Right Sliding Door Switch Input (B-Pillar)	Right B-Pillar Sliding Door Switch	
Connector F Pin 37: Vacuum Cleaner Power Saver Indicator	Not Present	
Connector F Pin 34: Spare HSD	Not Present	
Connector F Pin 30: Fuel Door Lock (BUX)	Not Present	
Connector G Pin11/Connector G Pin 12: Not Used	ERS	
Heatsoak Flush Time	105	Time

Connector E Pin 48 (Tied internally to Connector A Pin16): Rear Wiper Motor Control Output Present	Rear Wiper (0)	
Auto High Beam Module Location	HaLF	
Connector E Pin 39: Right Rear Turn Signal	Right Rear Turn Signal	
Manual Door Locks Present	Not Set	
Connector E Pin 28: Secondary Door Ajar Switch Present - PIN E-28	Set	
Heatsoak Set Time	15	Time
Rain Sensor Module #2 Present	Set	
Connector F Pin 15: Driver Door Lock Switch Input	Not Present	
Average Last Longitudinal Acceleration Values	No Averaging	
Nose Dive Threshold	Filter Off	
Acceleration Threshold	Filter Off	
Excess Lateral Acceleration Factor	Filter Off	
Average Last Lateral Acceleration Values	No Averaging	
Maximum Longitudinal Change	Filter Off	
Excess Longitudinal Acceleration Factor	Filter Off	
Brake Smoothing Duration	Filter Off	
Steering Smoothing Duration	Filter Off	
Nose Dive Factor	Filter Off	
Brake Smoothing Factor	Filter Off	
Brake Smoothing Threshold	Filter Off	
Maximum Lateral Change	Filter Off	
Acceleration Factor	Filter Off	
Steering Smoothing Threshold	Filter Off	
Steering Smoothing Factor	Filter Off	
Parking Light Enable	Not Set	
Auto High Beam OFF Threshold	20 km/hr	
Interior Lighting Day Threshold	4.27498	Volt
RKE Auto-Relock Feature Enable	Not Set	
Horn Chirp Duration	Short	
VTA Hood Ajar Monitoring	Not Set	
PE Auto-Relock Feature Enable	Set	
Interior Lighting Night Threshold	4.45147	Volt
Auto High Beam ON Threshold	25 km/hr	
Headlamp Soak Delay	1.0 sec	
Sunroof Present	Set	
Temperature Display Resolution	HaLF	
TPMS Configuration	Logic 1 NHTSA Enable Warning	
Smart Alternator Present	Not Set	
Automatic Crash Notification Feature Present	Undefined	
Drive Mode Version	Version 1	
Surround View Camera On/Off Softkey Present	Set	
Radio Speaker Open Circuit Disable (RF)	Not Set	
ANC Calibration Parameter Data Set	RU_PHEV_3.6L_tripane_SunRoof_Harman_AMP	
Radio Speaker Open Circuit Disable (LF)	Not Set	

Radio Speaker Open Circuit Disable (RR)	Not Set	
Auto Dimming Mirror Hard Button Present	Set	
Show Phone Information in Cluster	01	
Radio Speaker Open Circuit Disable (LR)	Not Set	
Park Assist Tuning Set	BUX Front and Rear Only	
ACC	Set	
IPC	Set	
BCM (PT)	Set	
OCM	Set	
HCP	Set	
EPS	Set	
AHLM	Not Set	
ABS	Not Set	
RFH	Set	
ORC	Set	
SCCM	Set	
TCM	Not Set	
PTS	Set	
ESL	Not Set	
ESM	Set	
ABSO	Set	
PCM	Set	
FFCM	Set	
Rear View Camera Dynamic Grid Lines Enabled	Not Set	
Rear View Camera Static Grid Lines Enabled	Not Set	
Ultrasonics	Not Set	
Siren	Not Set	
Tilt	Not Set	
HCP	Set	
OBCM	Set	
APM	Set	
ESM	Set	
AHCP	Set	
EAC	Set	
ECM	Set	
BPCM	Set	
ORC	Set	
EBCM	Set	
ESC	Set	
1st Row Seat Side Airbags Present	True	
Integrated EPP Present	False	
Passive Ped Pro Present	False	
Driver Kneebag Present	True	
Passenger Kneebag Present	True	

Tow Hooks Present	False	
BUX Market	False	
ODS Present	False	
Curtain Airbags Present	True	
IBS Minimal Charge Limit	10	AmpHrs
Battery Type II	22	
Battery Types	SNA	
IBS Minimum Charge Limit	600	mA
IBS Activate MWU	Not Set	
IBS Minimum Voltage Limit	5.0	Volts
IBS Quiescence Current Limit	-250	mA
Illuminated Approach Headlamp Target Percentage	125 (62.5%)	
Alert On System Fault	Set	
Panic Enable	Set	
CRVMM Present	Set	
Auto Relock Time	60	seconds
HFRM Present	Set	
IBS Present	Set	
Illuminated Approach Taillamp Target Percentage	125 (62.5%)	
Washer Fluid Level Voltage Threshold	4.46 volts	
Humidity Sensor Present	Set	
Fobik Safe Alerts Per Ignition Cycle	2	
Compass Mounting Orientation	Rightside up	
Illuminated Approach Interior Lighting Ramp Up Time	130(2600ms)	
Compass Mounting Angle	0	Degree
Alert On Search Timeout	Set	
EVIC SWS Module Present	Set	
Alert no Reply	Set	
VTA System Present	VTA	
OHC Module Present	Set	
Illuminated Approach Interior Lighting Target Percentage	100(50%)	
Sound Horn on Lock	Set	
Headlamps on with Wipers	Set	
Auto Unlock	Set	
Auto Highbeam	Set	
Sound Horn On Lock Status	Chirp on 1st press/FIRST	
Headlamp Delay Time	30	seconds
Unlock all doors on 1st press	Set	
Sound Horn on Remote Start	Set	
Daytime Running Lamps	Set	
Sliding Door Alert	Not Set	
Sliding Door Chime Enable	Set	
Accessory Delay Time	45	seconds
Hands Free Sliding Door Enable	Set	

Illuminated Approach Time	30	seconds
Flash Lamps on Lock	Set	
Auto Wipers	Set	
Auto Lock	Set	
Right Front Corner Voltage	13.4 Volts	
Left Rear Corner Voltage	14 Volts	
Right High Beam Voltage Regulation	13.8 Volts	
Auto Headlamp Off Threshold	2.54930	Volt
Left High Beam Voltage Regulation	13.6 Volts	
Right Low Beam Voltage Regulation	14 Volts	
Left Front Corner Voltage	13.2 Volts	
Right Rear Corner Voltage	14 Volts	
Auto Headlamp On Threshold	3.31409	Volt
Front Park/Turn Voltage	Park to Turn ratio 55 Percent	
Left Low Beam Voltage Regulation	13.6 Volts	
MSM	Set	
PSDML	Set	
DTV	Not Set	
AMP	Set	
MSMP	Set	
PDM	Set	
BCM (Interior Bus)	Set	
ITM	Not Set	
HVACR	Set	
HSM	Set	
DMRR	Set	
ICS	Set	
DSM	Set	
DDM	Set	
PLGM	Set	
ANC	Not Set	
PSDMR	Set	
HVAC	Set	
CVPM	Set	
FSM	Not Set	
EAM	Set	
Radio	Set	
EOMR	Set	
EDM	Set	
DMRL	Set	
VTM	Not Set	
VRM	Set	
Connector D Pin 12: PHEV ECM Hardwire Wake Up	Engine Control Module Wake up (PHEV only)	
Connector F Pin 25: Left Rear Turn Lamp Fault Sense	Disable	

Connector F Pin 31: Right Sliding Door Ajar	Right Sliding Door Ajar	
Connector F Pin 28: Right Rear Turn Lamp Fault Sense	Disable	
Connector A Pin 11: Hood Ajar Switch Signal	500 ohm series and 500 ohm parallel resistors	
Connector E Pin 39: Right Rear Fog Lamp	Output Disable	
Connector F Pin 42: Right Rear Turn Signal	Right Rear Turn Signal	
Connector E Pin 5: E-5 PHEV Fuel Door Switch Input	PHEV Fuel Door Switch	
Stop/Start Enable Switch Present	Not Set	
Connector D Pin 1: Left High Beam Feed	AUX High Beam	
Connector F Pin 29: Horn Switch Input	Horn Switch Input	
Connector F Pin 41: Backup-Reverse lamp Left	Not Set	
Connector D Pin 21: Brake Fluid Level Switch	no parallel resistor	
Connector F Pin 27: Left Sliding Door Ajar	Left Sliding Door Ajar	
Connector F Pin 4: Liftgate Release	Trunk/Liftgate Release	
Connector E Pin 7: Left HID Relay Control	Left HID Lamp Relay	
Connector F Pin 5: Left Rear Fog Lamp	Output Disable	
Connector A Pin 2: Right High Beam Feed	AUX High Beam	
Connector E Pin 37: Right HID Relay Control	Right HID Lamp Relay	
Connector E Pin 1: Backup-Reverse lamp Right	Set	
Connector E Pin 29: Rear Wiper Motor Park Signal	Reserved	
Connector E Pin 3: Left Rear Turn Signal	Left Rear Turn Signal	

RADIO CONFIGURATION

NAME	VALUE	UNITS
GPS on the Bus messaging Authorization	—	
Compass on the bus messaging Authorization	—	
Suspend Month	00	
Satellite Subscription ID	D2EDLDH4	
Satellite Subscription Status	Subscribed	
Reason Code	00	
Suspend Year	00	
Suspend Day	00	
Enumerated USB Devices	0	No Unit
SD Card Readers Detected	0	No Unit
Aux Jack	Not Inserted	
USB Hubs Detected	3	No Unit
Stereo Blend	Off	
Cabin EQ Curve Number Currently Used by Radio	223	events
High Cut	Off	
Anti-Theft Enable Status	On	
Front Seat Video Playback	Disabled	
Automated Loudness	Off	
Clock Defeat	On	
Distortion Limiting	Off	
12/24 Time Selection	12 Hour Time	

Splash Screen	Automatic	

HVACR CONFIGURATION

NAME	VALUE	UNITS
Dual Zone MTC Control (BB)	False	
MTC heater only (3Knob)	False	
DualZone ATC Control (BB)	False	
MTC w EBL (3Knob)	False	
MTC wo EBL (3Knob)	False	
Single Zone MTC Control (BB)	False	
DualZone ATC Control (Factory) (BB)	False	

LBSS CONFIGURATION

NAME	VALUE	UNITS
Steering (LHD/RHD)	Left Hand Drive/ LHD	
CFG FEATURE	CFG_NONE	
Teen Key (RU variant only)	Yes	

RBSS CONFIGURATION

NAME	VALUE	UNITS
Teen Key (RU variant only)	Yes	
Steering Variant (LHD/RHD)	Left Hand Drive/ LHD	

FFCM CONFIGURATION

NAME	VALUE	UNITS
HIL mode Enabled	False	
XCP Enabled	False	
Traceability info	11203[redacted]	
Traceability info	02203[redacted]	

EDM CONFIGURATION

NAME	VALUE	UNITS
Intrusion module	Not Present	
Blind-Spot Module	Not Present	
Video Ent. System Screen 1 Module	Not Present	
Heating Ventilation Air Conditioning	Not Present	
Integrated Center Stack Module	Not Present	
Passenger Door Control Module	Not Present	
Vehicle System Interface Module	Not Present	
Rear Body Controller Module	Not Present	
Convergence Telematics Module	Not Present	
Driver Door Control Module	Not Present	
CAN I in-dash disc player module	Present	

Right Rear Door Control Module	Not Present	
Left Power Sliding Door Module	Not Present	
Common Body Controller Int Bus	Not Present	
Left Rear Door Control Module	Not Present	
Memory Seat Module	Not Present	
Amplifier Module	Not Present	
Comfot Seats and Wheel Module	Not Present	
Power Liftgate Module	Not Present	
Power Top Control Module	Not Present	
Right Power Sliding Door Module	Not Present	
Folding Seat Module	Not Present	
Video Ent. System Screen 2 Module	Not Present	
Radio	Present	
VES	False	
VRM	False	
E-Mode Feature Present	False	
Remote Start Present	False	
Vehicle Line	RU	
Body Style	Station Wagon	
Left/Right Hand Drive	Not Programmed	
Vehicle Brand Type	Chrysler	

RCCC CONFIGURATION

NAME	VALUE	UNITS
MTC with EBL	False	
DualZone ATC Control	True	
MTC Heater Only	False	
Single Zone MTC Control	False	
Dual Zone MTC Control	False	
DualZone ATC Control	False	
MTC without EBL	False	

ABSO CONFIGURATION

NAME	VALUE	UNITS
Engine Displacement	3.6	No Unit
ESC BLA Enabled	False	
PN ESC Byte2	0	
PN ESC Byte1	0	
Drive Configuration	2WD Front	
Dynamic Tire Circumference	89	inch
VC Chassis Type	Type 8	
Axle Ratio	3.251	No Unit
Hardwired VSO	True	
ACC	True	

Multiple Pressure Sensors	True	
Rear Directional Sensors	True	
Feature PIN	False	
Front Directional Sensors	False	
EPB	True	

CONFIGURATION REPORT

Vehicle 2021 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
VIN [redacted]

Odometer 4174.3 miles
Publication Date Jul 13, 2021, 2:16:57 PM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
PCM	Powertrain Control Module	CAN-C	68499122AD	[redacted]		68499122AD
PLGM	Power Liftgate	CAN-I	68466171AF			68466171AF
ICS	Integrated Center Stack	CAN-I	7AS341X8AA			7AS341X8AA
RFH	Radio Frequency Hub	CAN-C	68500152AA			68500152AA
ESM	Electronic Shifter	CAN-C	68240089AM			68240089AM
ORC	Occupant Restraint	CAN-C	68480710AC			68480710AC
EPS	Electric Power Steering	CAN-C	68460392AA			68460392AA
HVAC	Heat, Ventilation and A/C	CAN-I	68493454AE			68493454AE
DDM	Driver Door Module	CAN-I	68496461AB			68496461AB
PDM	Passenger Door Module	CAN-I	68496460AB			68496460AB
DMRL	Door Module Rear Left	CAN-I	68508894AB			68508894AB
DMRR	Door Module Rear Right	CAN-I	68508894AB			68508894AB
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AD			68369596AD
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AD			68369596AD
MSM	Memory Seat Module	CAN-I	68321862AC			68321862AC
CSWM	Comfort Seat Wheel Module	CAN-I	68517013AB			68517013AB
AMP	Amplifier	CAN-I	68448067AA			68448067AA
IPC	Instrument Panel Cluster	CAN-C	68434960AE			68434960AE
PTS	Parktronics	CAN-C	68485862AA			68485862AA

SCCM	Steering Column Control Module	CAN-C	68360889AD	[redacted]	68360889AD
BCM	Body Controller	CAN-C	68491085AG		68491085AG
ACC	Adaptive Cruise Control	CAN-C	68540436AA		68540436AA
RADIO	Radio	CAN-I	68465292AC		68465292AC
OCM	Occupant Classification	CAN-C	68403127AA		68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB		68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB		04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB		04672786AB
FFCM	Forward Facing Camera Module	CAN-C	68493395AA		68493395AA
EDM	External Disc Module	CAN-I	68499745AA		68499745AA
APM	Accessory Power Module	CAN-C	05185046AB		05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193183AE		05193183AE
HCP	Hybrid Control Processor	CAN-C	05185116AF		05185116AF
OBCM	On Board Charging Module	CAN-C	05185047AE		05185047AE
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC		68321862AC
DSM	Display Screen Module	CAN-I	68437339AD		68437339AD
VRM	Video Routing Module	CAN-I	68493702AA		68493702AA
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30DX9AA		6WL30DX9AA
CVPM	Central vision processing module	CAN-I	56029920AB		56029920AB
EAC	Electric A/C Compressor	CAN-C	68237995AG		68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05185117AF		05185117AF
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB		68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD		68471122AD
SGW	Security Gateway Module	CAN-C	68488429AB		68488429AB
TBM2	Telematic Box Module 2	CAN-C	68546266AB		68546266AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS

PCM	USA	1B 47	75 00 01	4422	941DFC50
PLGM	USA	0	5269	000200000031	
ICS	USA	0F 0C 00	13 31 01	4700	
RFH	USA / USA	10 17 00	13 26 00	4A00	
ESM	USA / USA	0F 24 00	12 28 FF	4402	
ORC	USA / USA	12 1A 00	13 2E 00	4301	
EPS	USA / USA	12 2A 00	12 1E 01	4502	
HVAC	USA	0E 09 00	14 2F 01	4401	
DDM	USA	11 07 00	14 07 00	4202	
PDM	USA	11 07 00	14 07 00	4202	
DMRL	USA / USA	10 0B 00	14 08 00	4201	
DMRR	USA / USA	10 0B 00	14 08 00	4201	
PSDML	USA / USA	10 17 00	14 10 12	4001	
PSDMR	USA / USA	10 17 00	14 10 12	4001	
MSM	USA	0F 2B 00	10 27 03	4101	
CSWM	USA	11 2A 00	14 25 00	4302	
AMP	USA	0F 06 01	12 2E 01	4021	
IPC	USA / USA	12 06 00	14 2B 00	4705	
PTS	USA	0E 32 00	14 07 00	4311	
SCCM	USA	13 28 00	13 29 00	4301	
BCM	USA	0D 11 00	14 26 90	4420	
ACC	USA / USA	14 12 01	14 26 01	4400	
RADIO		65	5175	000200000008	
OCM	USA / USA	11 1F 01	0E 2F 02	4030	
HVACR	USA	0E 09 00	10 03 02	4301	
LBSS	USA / USA	11 30 02	12 0D 00	4202	
RBSS	USA / USA	11 30 02	12 0D 00	4202	
FFCM	USA / USA	11 06 00	13 1E 00	4102	
EDM	USA	12 0A 00	11 08 00	4000	
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM	Not programmed / COUNTRY_SNA	0E 03 00	14 2C 00	4005	79855957
HCP	USA	11 1F 04	0F 2D 00	4006	FE120BB2 29C5A4AB 050DC953
OBCM	USA	0F 0D 00	12 02 00	4002	
MSMP	USA	0F 2B 00	10 27 03	4001	
DSM	USA / USA	14 0C 00	14 28 00	4300	
VRM	USA / USA	0F 1C 00	14 1E 14	4001	
RCCC	USA	0F 1D 00	13 04 00	4000	
CVPM	USA / USA	11 27 01	14 0C 01	4004	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1F 04	0F 2D 00	4000	
EBBM	USA	0E 19 02	14 0D 18	4000	E5898FA5
ABSO	USA	0E 15 02	14 1B 26	4201	4F158D1B
SGW		5	969	4103	

TBM2	USA	13 0E 02	14 2A 5C	4104	

CONFIGURATION

PCM CONFIGURATION

NAME	VALUE	UNITS
Secondary Mass Airflow Sensor Equipped	False	
Active Exhaust Pressure Sensor Equipped	False	
Active Exhaust Valve(s) Equipped	False	
Electronic Parking Brake Equipped	True	
Heater Temp Control Valve Equipped	False	
Wastegate HBridge Equipped	False	
Aux Coolant Pump Heater Equipped	False	
Mechanical Coolant Pump Equipped	False	
High Side Port Tumble Valve Equipped	False	
Direct Injection Equipped	False	
Brake Pedal Sensor Equipped	False	
Active Engine Mount Equipped	False	
SRV Equipped	False	
Clutch Interlock Switch Equipped	False	
Mechanical Coolant Pump Heater Equipped	False	
2.0 Liter WI4 engine	False	
Transmission Software Included	False	
Sensorless FFV Enabled	False	
TIP Equipped	False	
5.7 Liter V8 Engine	False	
62TE	False	
Adaptive Cruise Control Hardware Equipped	False	
MDS Equipped	False	
Electric Thermostat Heater Equipped	False	
Rear Heater Equipped	False	
Unleaded Gasoline Fuel	True	
Knock Sensor 2 Equipped	True	
ETC Cruise equipped	False	
3.8 Liter V6 Engine	False	
ZF 9-Speed Transmission Equipped	False	
AC Equipped Over Bus	False	
VLP Is Learnable Indicator	False	
Power Steering Switch Equipped	False	
Primary Lin Alternator Equipped	False	
Tumble Generator Valve Equipped	False	
Fiat 940 Compact Equipped	False	
CUSW PROXI Write Programming Support Enabled	False	
Engine Software In Package	True	
Dual Fuel Pressure Sensor Equipped	False	

Wide Range O2 Sensor 1/1 Equipped	False	
66RFE / 68RFE	False	
A/C Equipped	True	
4 Speed Automatic Transmission Equipped	False	
Electronic Throttle Control Equipped	True	
O2 Sensor Bank 2 Sensor 2 Equipped	True	
Secondary Air Equipped	False	
High Side Port Tumble Valve Equipped	Undefined	
Shift Indicator Lamp Equipped	False	
3.3 Liter V6 Engine	False	
4.0 Liter I6 Engine	False	
Turbocharger Equipped	False	
45RFE / 545RFE / 65RFE	False	
3 Speed Fan Mechanical Relay System Equipped	False	
GPEC3 Equipped	False	
O2 Sensor Bank 2 Sensor 1 Equipped	True	
Constant Heater Temperature Control Valve Equipped	False	
Air Shutoff Valve Bank 1 Control Solenoid 2 Equipped	False	
Secondary Fuel Pump Equipped	False	
Aisin 6-Speed RWD Transmission Equipped	False	
Fixed displacement AC Equipped	True	
Air Shutoff Valve Bank 2 Control Solenoid 2 Equipped	False	
PTO System Equipped	False	
VMM Equipped	False	
O2 Sensor Bank 1 Sensor 2 Equipped	True	
Viscosity Sensor Equipped	False	
Transmission Oil Heater Equipped	False	
Electronic Vacuum Pump Equipped	False	
MultiAir Equipped	False	
6.2 Liter V8 Engine	False	
Auxiliary Coolant Pump Equipped	False	
Police Package Equipped	False	
Linear Purge Equipped	False	
DUAL_ALTERNATOR_GEN1_LEARNEDCOPY	False	
2.7 Liter V6 Engine	False	
Oil Pressure Sensor Enabled	True	
Exhaust Cam 1 Equipped	True	
MTV Solenoid Equipped	False	
GPEC4 Equipped	False	
Active Exhaust Valve Equipped	False	
WI4 Variable Valve Timing Equipped	True	
Exhaust Cam 2 Equipped	True	
Supercharger Equipped	False	
Adaptive Cruise Control Equipped	True	

Continuous Variable Transmission Equipped	False	
Powernet Equipped	True	
Low Temperature Radiator Coolant Pump Equipped	False	
TOOLCONFIG_OIL_PRESS_ABS_EQUIPPED	True	
3.7 Liter V6 Engine	False	
Port Flap Valve Equipped	False	
O2 Sensor Bank 1 Sensor 1 Equipped	True	
WI4 Intake Flow Control Valve Equipped	False	
GPEC2A Equipped	True	
Trans Skip Shift Equipped	False	
42RLE	False	
4 Button Integrated Cruise Control	False	
Yaw Rate Sensor ESC Equipped	False	
Vehicle Speed Sensor #1 Calculated by ECU	False	
GPEC2 Equipped	False	
Buffered Crank Output for ANC (Active Noise Cancellation) Equipped	True	
Engine Idle Shutoff Equipped	False	
Brushless PWM Fan Equipped	NOT_FAN_PWM_BOSCH_BRUSHLESS_CNFG	
3.0 Liter V6 Engine	False	
Operator Idle Speed Request Equipped	False	
Auxiliary Heater Electric Water Pump Equipped	False	
3.2 Liter V6 Engine	False	
Electronic Coolant Pump Equipped	False	
HPT 6-Speed Transmission Equipped	False	
Dual Fuel Tank Equipped	False	
Wide Range O2 Sensor 2/1 Equipped	False	
Engine Oil Heater Cooler Equipped	True	
Active Grille Shutter Equipped	True	
Coolant On-Off Valve Equipped	False	
Cummins Equipped	False	
Electronic Automatic Transmission (EATX) Equipped	False	
Fan Wake Up Relay System Equipped	False	
Linear EGR Equipped	False	
Barometric Sensor Equipped	False	
40TE / 41TE / 41TEA	False	
CMCV H-Bridge Equipped	Undefined	
Intake Cam 2 Equipped	True	
O2 Sensor Bank 1 Sensor 3 Equipped	False	
AC Equipped	False	
1 Speed Fan Mechanical Relay System Equipped	False	
Battery Temp Sensor Equipped	False	
Dual Stage Oil Pump Equipped	True	
Dual Speed Fuel Pump Equipped	False	
Next Gen Bus Equipped	False	

EMAT (Getrag DCT transmission) Equipped	False	
Air Shutoff Valve Bank 1 Control Solenoid 1 Equipped	False	
Active Exhaust Pressure Sensor Equipped	False	
Buffered Crank Output for PHEV Engine Pulse Calculation Equipped	True	
Throttle Inlet Temp Sensor Equipped	False	
Starter Relay 2 Equipped	False	
Electric Coolant Valve Equipped	False	
Cooled EGR Equipped	False	
Duty Cycle Purge Valve Equipped	True	
Turbine Volute Valve Actuator Equipped	Undefined	
Vehicle Speed Sensor #1 Calculated from CAN	False	
Linear PWM Fan Relay System Equipped	False	
Knock Sensor 1 Equipped	True	
Humidity, Temperature and Pressure Sensor (LIN) Equipped	False	
VLP Equipped Indicator	False	
VFS Actuators Available Indicator	False	
Engine Stop Start Equipped	False	
1.0 Liter I3 Engine	False	
Variable Speed Fuel Pump Equipped	True	
Compressed Natural Gas Equipped	False	
ICC Cruise Equipped	False	
Coolant On-Off Pump Equipped	False	
3.6 Liter V6 Engine	True	
Unleaded diesel fuel	False	
2 Speed Fan 3 Driver 3 Relay System Equipped	False	
ESIM Equipped	False	
Variable Displacement AC Equipped	False	
4.7 Liter V8 Engine	False	
PWM Fan Motor System Equipped	True	
ERS Equipped Indicator	False	
Fiat VIN Learning Strategy Equipped	False	
Inrush Current Reduction Relay Equipped	False	
Intake Cam 1 Equipped	True	
2 Speed Fan Mechanical Relay System Equipped	False	
6.4 Liter V8 Engine	False	
6.1 Liter V8 Engine	False	
2.4 Liter WI4 engine	False	
Trans Reverse Lockout Equipped	False	
CUSW (11-Bit) Equipped	False	
Auxiliary Coolant Pump Heater Equipped	Undefined	
Electric Water Pump Equipped	False	
3.5 Liter V6 Engine	False	
Hybrid Electric Vehicle Equipped	True	
2 Speed Fan PWM Relay System Equipped	False	

Wastegate H-Bridge Equipped	Undefined	
1.8 Liter WI4 engine	False	
Operator Idle Speed Request Equipped	False	
Cylinder Pressure Sensor Equipped	False	
Throttle Inlet Temp Sensor Equipped	False	
Mass Airflow System Equipped	False	
Clutch Sensor Equipped	False	
Dual Fuel Pressure Sensor Equipped	False	
Make Up Air Sensor Equipped	False	
Bi-Directional Crank Sensor Equipped	True	
CUSW 4-Button Cruise Equipped	False	
SWAP HARDWIRED BRAKE SWITCH INPUTS	False	
5 Button Cruise (LIN) Equipped	True	
Power Steering Angle Sensor Mandatory	False	
LIN Humidity, Temp, and Pressure Sensor Equipped	False	
INTAKE O2 SENSOR EQUIPPED	False	
Brake Pedal Sensor Equipped	False	
Remote Start Present	Present	
Coolant On-Off Pump Equipped	Not Equipped	
Primary Lin Alternator Equipped	Not Equipped	
Variable Valve Lift Equipped	Not Equipped	
2.0 Liter I4 Direct Injection Engine	False	
1.0 Liter I3 Engine	False	
Low Temp Radiator Coolant Pump Equipped	False	
Engine Idle Shutoff Equipped	False	
ZF 9-Speed Trans Equipped	False	
A/C Relay Powered from Engine Switched Battery	False	
PTO System Equipped	False	
HPT 6-Speed Trans Equipped	False	
Hybrid MEC Shifter Equipped	False	
CNG Large Gas Tank Equipped	False	
Dual Alternator Gen1 Capable	False	
Dual Fuel Tank Equipped	False	
Cooled EGR Equipped	False	
Auxillary Coolant Pump Equipped	False	
Supercharger Equipped	False	
Engine Oil Pressure Sensor Type	255	None

ICS CONFIGURATION

NAME	VALUE	UNITS
Display Type (Mid)	False	
Display Type (Base)	True	
Display Type (High)	False	

RFH CONFIGURATION

NAME	VALUE	UNITS
Hardware Configuration: Trunk Door Handle H/W	Simple Switch AP	
Hardware Configuration: Remote Start Antenna	Present	
Hardware Configuration: Front Right Door Handle H/W	Serial AP	
Hardware Configuration: Front Left Door Handle H/W	Serial AP	
Hardware Configuration: Rear Right Door Handle H/W	No AP	
Hardware Configuration: Rear Left Door Handle H/W	No AP	
Valid Key In Ignition	Yes	
Fob Location #3 Successfully Programmed	Yes	
Fob Location #5 Key sense status	Fob is NOT Key Sense	
Secret Key Sent to Body Controller - Original attempt	Yes	
Fob Location #7 Key sense status	Fob is NOT Key Sense	
Fob Location #3 Key sense status	Fob is Key Sense	
Fob Location #7 Successfully Programmed	No	
Fob Location #6 Successfully Programmed	No	
Fob Location #5 Successfully Programmed	No	
Fob Location #8 Key sense status	Fob is NOT Key Sense	
PIN Successfully Programmed	Yes	
RFHub Locked	RFHUB Locked after IAC write	
Fob Location #1 Key sense status	Fob is NOT Key Sense	
Fob Location #4 Key sense status	Fob is NOT Key Sense	
Fob Location #6 Key sense status	Fob is NOT Key Sense	
Fob Location #1 Successfully Programmed	Yes	
Secret Key Sent to Body Controller - Most recent attempt	Yes	
Fob Location #2 Successfully Programmed	Yes	
Fob Location #4 Successfully Programmed	No	
Fob Location #2 Key sense status	Fob is NOT Key Sense	
VIN Successfully Programmed	Yes	
Fob Location #8 Successfully Programmed	No	
Base TPM	False	
Auto Park Present	True	
e-shifter present	True	
Secret Codes Programmed	True	
KeySense Configuration	True	
Ignition system type connected	KIN system	
RKE	True	
Remote Start Present	True	
$0214 Programmed by	Programmed by Supplier EOL	
TPM Auto-Locate Enabled	True	
Keyless Go	True	
Passive Entry	True	
Hybrid Type	PHEV	
Module Configuration Status	True	

Premium TPM	True	
Back Up ECU Configuration 16	True	
Back Up ECU Configuration 14	True	
Back Up ECU Configuration 7	True	
Back Up Vehicle Config 1	True	
Back Up ECU Configuration 10	True	
Back Up ECU Configuration 11	True	
Back Up Vehicle Config 4	True	
Back Up Vehicle Config 3	True	
Back Up Customer Settings Menu 1 (CSM1)	True	
Back Up ECU Configuration 2	True	
Back Up ECU Configuration 1	True	
Back Up ECU Configuration 9	True	
Back Up Programmed ECUs: Cabin Network	True	
Back Up Vehicle Config 5	True	
Back Up ECU Configuration 3	True	
Back Up Customer Settings Menu 2 (CSM2)	True	
Back Up Vehicle Config 6	True	
Back Up ECU Configuration 12	True	
Back Up Programmed ECUs: P/T Chassis Network	True	
Back Up ECU Configuration 4	True	
Back Up ECU Configuration 17	True	
Back Up ECU Configuration 8	True	
Back Up ECU Configuration 13	True	
Back Up Vehicle Config 7	True	
Back Up ECU Configuration 5	True	
Back Up Vehicle Config 2	True	
Back Up ECU Configuration 15	True	
Back Up ECU Configuration 6	True	

ORC CONFIGURATION

NAME	VALUE	UNITS
First Row Driver Seatbelt Buckle Switch	Configured	
Driver Seat Track Position Sensor	Configured	
Second Row Left Seat Side Airbag	Not Configured	
Rollover Sensing	Configured	
Passenger Seatbelt Retractor Pretensioner	Configured	
Passenger Seatbelt Anchor Pretensioner	Configured	
Driver Seatbelt Anchor Pretensioner	Configured	
Left Side Seat Squib 1	Configured	
Driver Frontal Squib 3	Configured	
Passenger Seatbelt Load Limiter	Configured	
Passenger Occupant Detection Sensor	Not Configured	
Passenger Seatbelt Buckle Pretensioner	Not Configured	

Second Row Left seat belt Switch	Not Configured	
Left B-Pillar Impact Acceleration Sensor	Configured	
Right Up-Front Acceleration Sensor	Configured	
Configuration Column Identifier	A3	
Passenger Airbag Disable Indicator	Not Configured	
Passenger Frontal Squib 1	Configured	
Driver Frontal Squib 1	Configured	
Passenger Frontal Squib 3	Configured	
Right Side Seat Squib 1	Configured	
Second Row Right seat belt Switch	Not Configured	
Left Up-Front Acceleration Sensor	Configured	
Right Curtain Squib 1	Configured	
Left C-Pillar Impact Acceleration Sensor	Configured	
Passenger Seat Track Position Sensor	Configured	
Driver Knee Bolster Squib	Configured	
Occupant Classification (OCM)	Configured	
Passenger Frontal Squib 2	Configured	
Driver Frontal Squib 4	Not Configured	
Second Row Center seat belt Switch	Not Configured	
Left Curtain Squib 1	Configured	
Right Side Door Pressure Sensor	Configured	
First Row Passenger Seatbelt Buckle Switch	Configured	
Right B-Pillar Impact Acceleration Sensor	Configured	
Left D-Pillar Impact Acceleration Sensor	Configured	
Right D-Pillar Impact Acceleration Sensor	Configured	
Right C-Pillar Impact Acceleration Sensor	Configured	
Driver Seatbelt Load Limiter	Configured	
Driver Seatbelt Retractor Pretensioner	Configured	
Second Row Right Seat Side Airbag	Not Configured	
Passenger Frontal Squib 4	Not Configured	
Passenger Airbag Disable Switch	Not Configured	
Passenger Knee Bolster Squib	Configured	
Driver Frontal Squib 2	Configured	
Left Side Door Pressure Sensor	Configured	
EPPM	Not Configured	
Driver Seatbelt Buckle Pretensioner	Not Configured	

EPS CONFIGURATION

NAME	VALUE	UNITS
Stop/Start Feature Active	False	
Parallel Park Assist Feature Active	True	
Dynamic Steering Torque Feature Active	True	
Lane Feedback Feature Active	True	

HVAC CONFIGURATION

NAME	VALUE	UNITS
Single Zone MTC Control (BB)	False	
DualZone ATC Control (BB)	True	
Dual Zone MTC Control (BB)	False	
MTC Without EBL (3Knob)	False	
MTC With EBL (3Knob)	False	
DualZone ATC Control (Factory) (BB)	True	
MTC heater only (3Knob)	False	
HVAC Configuration	Dual Zone ATC + Rear	

PDM CONFIGURATION

NAME	VALUE	UNITS
Frameless Window	False	

PSDML CONFIGURATION

NAME	VALUE	UNITS
VSIM Status	False	

PSDMR CONFIGURATION

NAME	VALUE	UNITS
UPFM Status (Present = True, Absent = False)	False	

MSM CONFIGURATION

NAME	VALUE	UNITS
Adjustable Pedals	False	
Telescope/Tilt	False	

CSWM CONFIGURATION

NAME	VALUE	UNITS
Vehicle Line L-Series	False	
Vehicle Line R-Series	True	
Vehicle Line D-Series	False	
Heated Steering Wheel	True	
Vehicle Line J-Series	False	
Vehicle Line U-Series	False	
Vehicle Line W-Series	False	
Vehicle Line M-Series	False	
Vehicle Line P-Series	False	
EC - Seat B	Programmed	
EC - Seat A	Programmed	

AMP CONFIGURATION

NAME	VALUE	UNITS
ANC Status	Off - Window Mute	
Premium - 3	True	
Premuim - 1 (8 channel)	False	
Premuim - 2 (12 Channel)	False	
Non -ANC	False	
Current ANC Calibration ID - Service	RU PHEV 3.6L: Tripane Sunroof & Harman AMP	
Left/Right Hand Drive	Left Hand Drive	
Teen Key Present	True	
Current EQ Checksum	57 F7 4F 32	
Surround Sound Activated	Set	
Door Module - Right Rear	Present	
Door Module - Left Front	Present	
Door Module - Left Rear	Present	
Door Module - Right Front	Present	
Sub-EQ Set Selected	Sub-EQ#5 Selected	
Cabin Equalization Curve Number	53	
ANC Calibration Date - Year	18	
ANC Calibration Date - Week	45	
ANC Calibration Date - Patch Level	2	

IPC CONFIGURATION

NAME	VALUE	UNITS
PHEV	True	
Rear Fog Lamp	False	

PTS CONFIGURATION

NAME	VALUE	UNITS
Front License Plate Configuration	Front Plate Config - USA	
Front System with 6 Rear Sensors	True	
Rear System with 6 Front Sensors	True	

SCCM CONFIGURATION

NAME	VALUE	UNITS
Rear Wiper	True	
Paddle Shifter	False	
Cruise Control / ACC	True	
Tilt Telescope	False	

BCM CONFIGURATION

NAME	VALUE	UNITS
Number of Reprogramming Attempts - Counter #0	1	
Last Programmed Status	Manufacturing	

Vehicle Configuration Programmed Status	True	
ECU Configuration 6 (Brake)	4	
ECU Configuration 4	4	
Programmed ECUs: P/T Chassis Network	4	
ECU Configuration 2 (CBC Features)	4	
ECU Configuration 15 (Suspension)	4	
ECU Configuration 9 (ITM)	4	
ECU Configuration 5 (Doors)	4	
ECU Configuration 6 (Safety)	4	
Vehicle Configuration 2 - Write Counter	4	
Vehicle Configuration Auto Write Counter	1	
Vehicle Configuration 5 - Write Counter	4	
Vehicle Configuration 4 - Write Counter	4	
ECU Configuration 13	4	
Vehicle Configuration 7 - Write Counter	4	
ECU Configuration 10	4	
ECU Configuration 7 (CBC Exterior Lighting Calibrations)	4	
ECU Configuration 11	4	
ECU Configuration 5 (Memory)	4	
Programmed Network Configuration - Audio / Telematics Network	0	
ECU Configuration 8 (LIN and Miscellaneous)	4	
ECU Configuration 12	4	
Last Configuration Odometer	0	miles
Programmed ECUs: Hybrid LAN Network	0	
Vehicle Config CSM1	4	
Vehicle Configuration 6 - Write Counter	4	
ECU Configuration 3	4	
Vehicle Configuration 1 - Write Counter	4	
ECU Configuration 1 (CBC Configurable Inputs and Outputs)	4	
Programmed ECUs: Cabin Network	4	
ECU Configuration 6 (Suspension)	4	
ECU Configuration 6 (Powertrain)	4	
ECU Configuration 15 (CBC Features)	4	
Vehicle Configuration 3 - Write Counter	4	
Vehicle Config CSM2	4	
ECU Configuration 5 (Wireless)	4	
ECU Configuration 9A	4	
ECU Configuration 14	4	
Drive Configuration	2WD Front	
Special Packages	74	
Body Style	Station Wagon	
Vehicle Line	RU	
PTS Configuration	Semi Automatic / Semi Automatic	
Country Code	USA	

Model Year	2021	
Maximum Vehicle Speed	0	MPH
Left/Right Hand Drive	Left Hand Drive	
Select Speed Control Feature Present	Not Set	
Remote Start Present	Set	
Hill Descent Feature Present	Not Set	
Auto Highbeam	Set	
Shifter Type	5 Position Rotary Eshifter PRNDL / Type RS5L	
Emode Present	Not Set	
Performance Pages Present	Not Present	
Off Road Capable	Not Set	
Cruise Feature is Present	Not Set	
Thatcham Present	Not Set	
Air Conditioning Present	Not Set	
Full Size Spare	Not Set	
Special Packages IC	Pacifica	
Max Load Inflation Pressure Rear Tire	36.0	PSI
Power Inverter Type	No Power Inverter	
Rain Sensor Present	Set	
SKIM System Present	Not Set	
Flipper Glass Present	Not Set	
Max Load Inflation Pressure Front Tire	36.0	PSI
Vehicle is an SRT	Not Set	
Sport Mode Present	Not Set	
HVAC Configuration	Dual Zone ATC + Rear	
RKE System Present	Set	
Auto Headlamp Feature Present	Set	
Forward Collision Warning present	Set	
Chassis Type	Type 8	
Auto Park Present	Set	
Secondary Lock Present	Not Set	
Door Alert Feature Present	Not Set	
Disable Display of Radio Clock	Not Set	
Display Compass Heading Present	Set	
High Intensity Discharge Head Lamps	Set	
Paddle Shift Feature Present	Not Set	
T-Case Type	Not Present / Not Present	
Fuel Capacity	17	gallons
Wheel Base	Wheel base not programmed / WB_NP	
ELV Present	Not Set	
Keyless Go Present	Set	
Liftgate/Trunk Type	Power Liftgate	
ESCL system present	Not Set	
Collision Mitigation System present	Set	

FOBIK Safe Enable	Set	
Base TPM system present	Not Set	
Police Lighting Feature	Not Set	
Passive Entry Present	Set	
Window Express Feature Configuration	All windows express feature	
Power Left Sliding Door Present	Set	
Display Outside Temperature Present	Set	
Power Right Sliding Door Present	Set	
Two Fuel Sending Units Present	Not Set	
Adjustable Pedal Feature Present (non-Memory)	Not Set	
Vehicle Brand	Chrysler	
Premium TPM system present	Set	
Transfer Case Low Range Reduction Ratio	0.000	
Axle Ratio	3.251	
Transfer Case High Ratio	1.000	No Unit
Dynamic Tire Circumference (All or Rear)	89	inch
Steering Ratio at Negative Angle 1	0.0	No Unit
Analog Door Sensor Configuration	Driver Door Only Analog Sensor	
Air Quality System Present	Not Set	
Connector E Pin 8: PHEV HCP Hardwire Wakeup	Set	
Connector G Pin 24 (Internally tied to Connector F Pin 7): Ambient Lighting Output	Set	
Connector D Pin 22/ Connector D Pin 23: Ambient Temperature Signal/Return Present	Set	
Connector F Pin 23: Door Lock Switch Signal Front Passenger Present	Set	
Connector F Pin 29: Horn Switch Present	Set	
Connector D Pin 11: Stop/Turn Trailer Tow Left Output Present	Not Set	
Connector D Pin 7: Stop/Turn Trailer Tow Right Output Present	Not Set	
Connector E Pin 48 (Tied internally to Connector A Pin16): Rear Wiper Motor Control Output Present	Set	
Connector D Pin 9: Trailer Tow Backup Output Present	Not Set	
Connector G Pin 15: UGDO Feed Output Present	Set	
Connector A Pin 3/Connector D Pin 2: Low Beam Output Present	Set	
Connector E Pin 5: PHEV Fuel Door Switch Input	Set	
Connector F Pin 4: Liftgate Release Present	Not Set	
Connector E Pin 29: Rear Wiper Motor Park Signal Present	Set	
Connector G Pin 22: VTA Warning LED Output Present	Set	
Connector E Pin 9: Run-ACC Y Relay #2 Output Present	Set	
Connector E Pin 41: Charge Port Unlock Output Present	Set	
Connector E Pin 11: Vacuum Switch Input	Not Set	
Connector F Pin 8 : Liftgate Release Outside Handle Switch Present	Not Set	
Connector F Pin 6: Fuel Door Motor Output Signal Present	Set	
Connector G Pin 9: Ambient Light Dimmer Wheel Input Present	Set	
Connectro E Pin 37: Right HID Control Output Present	Not Set	
Connector E Pin 34: Vacuum Cleaner Relay Output Present	Not Set	

Connector F Pin 9: Analog Door Ajar Signal Front Driver Present	Set	
Connector A Pin 11: Hood Ajar Switch Input Present	Set	
Connector D Pin 12: PHEV ECM Hardwire Wake Up Output Present	Set	
Connector E Pin 4/Connector F Pin 32: Rear Park Lamps Output Present	Set	
Connector E Pin 3/Connector F Pin 42: Rear Turn Lamps Output Present	Not Set	
Connector D Pin 10: Trailer Tow Tail Lamp Output Present	Not Set	
Connector E Pin 7: Left HID Relay Control Output Present	Not Set	
Connector F Pin 35: Inverter Enable Relay Output Present	Set	
Connector A Pin 10/Connector D Pin 5: Side Markers Output Present	Set	
Connector E Pin 39/Connector F Pin 5: Rear Fog Lamps Output Present	Not Set	
Connector E Pin 42: Charge Port Lock Output Present	Set	
Side Repeaters Enable	Not Set	
Front Wiper Park Enable	Set	
Headlamp Washer Low Fluid Shut-Off Enable	Set	
Illuminated approach Enabled	Not Set	
Reversible Washer Pump Enable	Set	
Exterior Light Loadshed Enable	Set	
LED Front Park/Marker Lamps Present	Set	
LED Front Turn Lamps Present	Not Set	
Front Fog Lamp Dropout Enable	Set	
Headlamp Wash Spray Duration (at 100 ms intervals)	1100ms	
DRL Configuration	No DRL	
Trailer Tow Present	Not Set	
LED High Beam Lamps Present	Set	
Horn Chirp Allowed	Set	
Headlamp Wash Interval	wash cycle#11	
LED License Lamps Present	Set	
Wiper Service Position Enabled	Not Set	
Hazard Lamp Configuration	Latching Switch	
LED CHMSL Lamp Present	Set	
Fuel Door Release Enabled	Not Present	
LED Tail Lamps Present	Set	
Bi Xenon Headlamps Enable	Not Set	
Combined Rear Lighting Enable	Set	
LED Low Beam Lamps Present	Set	
DRL Dropout Enable	Not Set	
Headlamp Wash Shot	double	
One Touch Lane Change	Set	
Rear Wiper Park Enable	Set	
Combined Front Park/Turn Feature Enable	Not Set	
LED Dedicated DRL Present	Not Set	
Front Wiper Wipes After Wash	2 Wipes	

LED Stop Lamps Present	Not Set	
LED Rear Fog Lamps Present	Not Set	
Fuel Door Present	Not Set	
LED Front Fog Lamps Present	Set	
Tip Start Enabled	Set	
LED Rear Turn Lamps Present	Not Set	
Tunnel Detection	Not Set	
Dual Start Relay System Present	Not Set	
Park Lamp Loadshed Enable	Set	
Quad Headlamps Enable	Set	
LED Reverse Lamps Present	Not Set	
DRL Lamp Location	Low Beam DRL	
Intermittent Wiper States	4 Intermittent Wiper position Switch	
External Port Type	AUX + USB + extra USB	
Splashscreen Type	Vehicle Brand	
Rear Camera Present	Not Set	
Front Park Assist Present	Set	
Surround Sound Feature Present	Set	
Power Inverter Present	Not Set	
Microphone Type	Peiker 300 mv	
Antenna Type	Active Primary and no secondary antenna	
Front Heated Seats Present	Set	
Cabin Equilization Curve Number	RU Premium System - Harman 12ch	
Microphone Tuning Parameter	Absent [Not Used]	
Heated Steering Wheel Present	Set	
Destination	United States of America	
Microphone Configuration	2 Microphones	
Power Door Locks Present	Set	
Disable CD Eject	Not Set	
Fleet Vehicle Content	Not Set	
AP4 Right Rear	CAN	
Tip Start Present	Set	
Airport Scenario Trunk	Not Set	
AP2 Right Front	Smart Switch	
AP5 Trunk Lock	Simple Switch	
AP3 Left Rear	CAN	
Vehicle Variant	Undefined	
AP1 Left Front	Smart Switch	
AP5 Trunk Unlock	CAN	
Passenger Window Lockout	Not Set	
Blindspot Mirror Present	Set	
Heated Mirrors Present	Set	
Window Hall Sensors Present	Not Set	
Passenger Memory Mirror Present	Set	

Puddle Lamp Present	Not Set	
Electro-chromatic driver mirror present	Set	
Sun Shade	Not Set	
Mirror turn signals present	Set	
Electro-chromatic passenger mirror present	Not Set	
Tow Mirror Present	Not Set	
Folding mirrors present	Set	
Global Down	Not Set	
Frameless Window Present	Not Set	
Window Motor Type	Not Set	
Driver Memory Mirrors Present	Set	
Global Up	Not Set	
Rear Door Pre Short Drop	Not Set	
Stow 'n Assist Present - Passenger	Set	
Memory Adjustable Pedals Present	Not Set	
Heated Steering Wheel Present	Present	
Heated Wheel Material Type	Full Leather	
Heated Seat Material Type	Base Leather	
Front Vented Seats Present	Present	
Rear Heated Seats Present	Not Present	
Stow 'n Assist Present - Driver	Set	
Tilt/Telescope Steering Present	Not Set	
Driver Memory Seat Present	Set	
Brake System ECU Configuration A	value 0	
Dual Alternator Present	Not Set	
ECO Mode Configuration	Remember Previous State with Ignition Key Cycle	
Max Engine Off Time	220	Time
Connector E Pin 3: Left Rear Turn Signal	Left Rear Turn Signal	
Connector F Pin 29: Horn Switch Present	Horn Switch Input	
Humidy Sensor Long Present	Set	
Connector F Pin 13: Left Sliding Door Switch Input (B-Pillar)	Left B-Pillar sliding Door Switch	
Heatsoak Speed	15	Counter
License Plate Lamp Disable	Not Set	
Engine Off Clear Time	180	Time
CHMSL Lamp Output Disable	Not Set	
Ambient Stable Counter Limit	40	Counter
Conncetor F Pin 33: Fuel Door Unlock (BUX)	Not Present	
Connector F Pin 14: Right Sliding Door Switch Input (B-Pillar)	Right B-Pillar Sliding Door Switch	
Connector F Pin 37: Vacuum Cleaner Power Saver Indicator	Not Present	
Connector F Pin 34: Spare HSD	Not Present	
Connector F Pin 30: Fuel Door Lock (BUX)	Not Present	
Connector G Pin11/Connector G Pin 12: Not Used	ERS	
Heatsoak Flush Time	105	Time

Connector E Pin 48 (Tied internally to Connector A Pin16): Rear Wiper Motor Control Output Present	Rear Wiper (0)	
Auto High Beam Module Location	HaLF	
Connector E Pin 39: Right Rear Turn Signal	Right Rear Turn Signal	
Manual Door Locks Present	Not Set	
Connector E Pin 28: Secondary Door Ajar Switch Present - PIN E-28	Set	
Heatsoak Set Time	15	Time
Rain Sensor Module #2 Present	Set	
Connector F Pin 15: Driver Door Lock Switch Input	Not Present	
Average Last Longitudinal Acceleration Values	No Averaging	
Nose Dive Threshold	Filter Off	
Acceleration Threshold	Filter Off	
Excess Lateral Acceleration Factor	Filter Off	
Average Last Lateral Acceleration Values	No Averaging	
Maximum Longitudinal Change	Filter Off	
Excess Longitudinal Acceleration Factor	Filter Off	
Brake Smoothing Duration	Filter Off	
Steering Smoothing Duration	Filter Off	
Nose Dive Factor	Filter Off	
Brake Smoothing Factor	Filter Off	
Brake Smoothing Threshold	Filter Off	
Maximum Lateral Change	Filter Off	
Acceleration Factor	Filter Off	
Steering Smoothing Threshold	Filter Off	
Steering Smoothing Factor	Filter Off	
Parking Light Enable	Not Set	
Auto High Beam OFF Threshold	20 km/hr	
Interior Lighting Day Threshold	4.27498	Volt
RKE Auto-Relock Feature Enable	Not Set	
Horn Chirp Duration	Short	
VTA Hood Ajar Monitoring	Not Set	
PE Auto-Relock Feature Enable	Set	
Interior Lighting Night Threshold	4.45147	Volt
Auto High Beam ON Threshold	25 km/hr	
Headlamp Soak Delay	1.0 sec	
Sunroof Present	Set	
Temperature Display Resolution	HaLF	
TPMS Configuration	Logic 1 NHTSA Enable Warning	
Smart Alternator Present	Not Set	
Automatic Crash Notification Feature Present	Undefined	
Drive Mode Version	Version 1	
Surround View Camera On/Off Softkey Present	Set	
Radio Speaker Open Circuit Disable (RF)	Not Set	
ANC Calibration Parameter Data Set	RU_PHEV_3.6L_tripane_SunRoof_Harman_AMP	
Radio Speaker Open Circuit Disable (LF)	Not Set	

Radio Speaker Open Circuit Disable (RR)	Not Set	
Auto Dimming Mirror Hard Button Present	Set	
Show Phone Information in Cluster	01	
Radio Speaker Open Circuit Disable (LR)	Not Set	
Park Assist Tuning Set	BUX Front and Rear Only	
ACC	Set	
IPC	Set	
BCM (PT)	Set	
OCM	Set	
HCP	Set	
EPS	Set	
AHLM	Not Set	
ABS	Not Set	
RFH	Set	
ORC	Set	
SCCM	Set	
TCM	Not Set	
PTS	Set	
ESL	Not Set	
ESM	Set	
ABSO	Set	
PCM	Set	
FFCM	Set	
Rear View Camera Dynamic Grid Lines Enabled	Not Set	
Rear View Camera Static Grid Lines Enabled	Not Set	
Ultrasonics	Not Set	
Siren	Not Set	
Tilt	Not Set	
HCP	Set	
OBCM	Set	
APM	Set	
ESM	Set	
AHCP	Set	
EAC	Set	
ECM	Set	
BPCM	Set	
ORC	Set	
EBCM	Set	
ESC	Set	
1st Row Seat Side Airbags Present	True	
Integrated EPP Present	False	
Passive Ped Pro Present	False	
Driver Kneebag Present	True	
Passenger Kneebag Present	True	

Tow Hooks Present	False	
BUX Market	False	
ODS Present	False	
Curtain Airbags Present	True	
IBS Minimal Charge Limit	10	AmpHrs
Battery Type II	22	
Battery Types	SNA	
IBS Minimum Charge Limit	600	mA
IBS Activate MWU	Not Set	
IBS Minimum Voltage Limit	5.0	Volts
IBS Quiescence Current Limit	-250	mA
Illuminated Approach Headlamp Target Percentage	125 (62.5%)	
Alert On System Fault	Set	
Panic Enable	Set	
CRVMM Present	Set	
Auto Relock Time	60	seconds
HFRM Present	Set	
IBS Present	Set	
Illuminated Approach Taillamp Target Percentage	125 (62.5%)	
Washer Fluid Level Voltage Threshold	4.46 volts	
Humidity Sensor Present	Set	
Fobik Safe Alerts Per Ignition Cycle	2	
Compass Mounting Orientation	Rightside up	
Illuminated Approach Interior Lighting Ramp Up Time	130(2600ms)	
Compass Mounting Angle	0	Degree
Alert On Search Timeout	Set	
EVIC SWS Module Present	Set	
Alert no Reply	Set	
VTA System Present	VTA	
OHC Module Present	Set	
Illuminated Approach Interior Lighting Target Percentage	100(50%)	
Sound Horn on Lock	Set	
Headlamps on with Wipers	Set	
Auto Unlock	Set	
Auto Highbeam	Set	
Sound Horn On Lock Status	Chirp on 1st press/FIRST	
Headlamp Delay Time	30	seconds
Unlock all doors on 1st press	Set	
Sound Horn on Remote Start	Set	
Daytime Running Lamps	Set	
Sliding Door Alert	Not Set	
Sliding Door Chime Enable	Set	
Accessory Delay Time	45	seconds
Hands Free Sliding Door Enable	Set	

Illuminated Approach Time	30	seconds
Flash Lamps on Lock	Set	
Auto Wipers	Set	
Auto Lock	Set	
Right Front Corner Voltage	13.4 Volts	
Left Rear Corner Voltage	14 Volts	
Right High Beam Voltage Regulation	13.8 Volts	
Auto Headlamp Off Threshold	2.54930	Volt
Left High Beam Voltage Regulation	13.6 Volts	
Right Low Beam Voltage Regulation	14 Volts	
Left Front Corner Voltage	13.2 Volts	
Right Rear Corner Voltage	14 Volts	
Auto Headlamp On Threshold	3.31409	Volt
Front Park/Turn Voltage	Park to Turn ratio 55 Percent	
Left Low Beam Voltage Regulation	13.6 Volts	
MSM	Set	
PSDML	Set	
DTV	Not Set	
AMP	Set	
MSMP	Set	
PDM	Set	
BCM (Interior Bus)	Set	
ITM	Not Set	
HVACR	Set	
HSM	Set	
DMRR	Set	
ICS	Set	
DSM	Set	
DDM	Set	
PLGM	Set	
ANC	Not Set	
PSDMR	Set	
HVAC	Set	
CVPM	Set	
FSM	Not Set	
EAM	Set	
Radio	Set	
EOMR	Set	
EDM	Set	
DMRL	Set	
VTM	Not Set	
VRM	Set	
Connector D Pin 12: PHEV ECM Hardwire Wake Up	Engine Control Module Wake up (PHEV only)	
Connector F Pin 25: Left Rear Turn Lamp Fault Sense	Disable	

Connector F Pin 31: Right Sliding Door Ajar	Right Sliding Door Ajar	
Connector F Pin 28: Right Rear Turn Lamp Fault Sense	Disable	
Connector A Pin 11: Hood Ajar Switch Signal	500 ohm series and 500 ohm parallel resistors	
Connector E Pin 39: Right Rear Fog Lamp	Output Disable	
Connector F Pin 42: Right Rear Turn Signal	Right Rear Turn Signal	
Connector E Pin 5: E-5 PHEV Fuel Door Switch Input	PHEV Fuel Door Switch	
Stop/Start Enable Switch Present	Not Set	
Connector D Pin 1: Left High Beam Feed	AUX High Beam	
Connector F Pin 29: Horn Switch Input	Horn Switch Input	
Connector F Pin 41: Backup-Reverse lamp Left	Not Set	
Connector D Pin 21: Brake Fluid Level Switch	no parallel resistor	
Connector F Pin 27: Left Sliding Door Ajar	Left Sliding Door Ajar	
Connector F Pin 4: Liftgate Release	Trunk/Liftgate Release	
Connector E Pin 7: Left HID Relay Control	Left HID Lamp Relay	
Connector F Pin 5: Left Rear Fog Lamp	Output Disable	
Connector A Pin 2: Right High Beam Feed	AUX High Beam	
Connector E Pin 37: Right HID Relay Control	Right HID Lamp Relay	
Connector E Pin 1: Backup-Reverse lamp Right	Set	
Connector E Pin 29: Rear Wiper Motor Park Signal	Reserved	
Connector E Pin 3: Left Rear Turn Signal	Left Rear Turn Signal	

RADIO CONFIGURATION

NAME	VALUE	UNITS
GPS on the Bus messaging Authorization	—	
Compass on the bus messaging Authorization	—	
Suspend Month	00	
Satellite Subscription ID	D2EDLDH4	
Satellite Subscription Status	Subscribed	
Reason Code	00	
Suspend Year	00	
Suspend Day	00	
Enumerated USB Devices	0	No Unit
SD Card Readers Detected	0	No Unit
Aux Jack	Not Inserted	
USB Hubs Detected	3	No Unit
Stereo Blend	Off	
Cabin EQ Curve Number Currently Used by Radio	223	events
High Cut	Off	
Anti-Theft Enable Status	On	
Front Seat Video Playback	Disabled	
Automated Loudness	Off	
Clock Defeat	On	
Distortion Limiting	Off	
12/24 Time Selection	12 Hour Time	

Splash Screen	Automatic	

HVACR CONFIGURATION

NAME	VALUE	UNITS
Dual Zone MTC Control (BB)	False	
MTC heater only (3Knob)	False	
DualZone ATC Control (BB)	False	
MTC w EBL (3Knob)	False	
MTC wo EBL (3Knob)	False	
Single Zone MTC Control (BB)	False	
DualZone ATC Control (Factory) (BB)	False	

LBSS CONFIGURATION

NAME	VALUE	UNITS
Steering (LHD/RHD)	Left Hand Drive/ LHD	
CFG FEATURE	CFG_NONE	
Teen Key (RU variant only)	Yes	

RBSS CONFIGURATION

NAME	VALUE	UNITS
Teen Key (RU variant only)	Yes	
Steering Variant (LHD/RHD)	Left Hand Drive/ LHD	

FFCM CONFIGURATION

NAME	VALUE	UNITS
XCP Enabled	False	
Traceability info	11203239408103	
HIL mode Enabled	False	
Traceability info	02203194219511	

EDM CONFIGURATION

NAME	VALUE	UNITS
Intrusion module	Not Present	
Blind-Spot Module	Not Present	
Video Ent. System Screen 1 Module	Not Present	
Heating Ventilation Air Conditioning	Not Present	
Integrated Center Stack Module	Not Present	
Passenger Door Control Module	Not Present	
Vehicle System Interface Module	Not Present	
Rear Body Controller Module	Not Present	
Convergence Telematics Module	Not Present	
Driver Door Control Module	Not Present	
CAN I in-dash disc player module	Present	

Right Rear Door Control Module	Not Present	
Left Power Sliding Door Module	Not Present	
Common Body Controller Int Bus	Not Present	
Left Rear Door Control Module	Not Present	
Memory Seat Module	Not Present	
Amplifier Module	Not Present	
Comfot Seats and Wheel Module	Not Present	
Power Liftgate Module	Not Present	
Power Top Control Module	Not Present	
Right Power Sliding Door Module	Not Present	
Folding Seat Module	Not Present	
Video Ent. System Screen 2 Module	Not Present	
Radio	Present	
VES	False	
VRM	False	
E-Mode Feature Present	False	
Remote Start Present	False	
Vehicle Line	RU	
Body Style	Station Wagon	
Left/Right Hand Drive	Not Programmed	
Vehicle Brand Type	Chrysler	

RCCC CONFIGURATION

NAME	VALUE	UNITS
MTC with EBL	False	
DualZone ATC Control	True	
MTC Heater Only	False	
Single Zone MTC Control	False	
Dual Zone MTC Control	False	
DualZone ATC Control	False	
MTC without EBL	False	

ABSO CONFIGURATION

NAME	VALUE	UNITS
Engine Displacement	3.6	No Unit
ESC BLA Enabled	False	
PN ESC Byte2	0	
PN ESC Byte1	0	
Drive Configuration	2WD Front	
Dynamic Tire Circumference	89	inch
VC Chassis Type	Type 8	
Axle Ratio	3.251	No Unit
Hardwired VSO	True	
ACC	True	

Multiple Pressure Sensors	True	
Rear Directional Sensors	True	
Feature PIN	False	
Front Directional Sensors	False	
EPB	True	

ECU DETAILS REPORT

Vehicle 2021 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
VIN [redacted]

Odometer 4633.8 miles
Publication Date Jul 21, 2021, 10:57:46 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
PCM	Powertrain Control Module	CAN-C	68499122AE	[redacted]		68499122AE
PLGM	Power Liftgate	CAN-I	68466171AF			68466171AF
ICS	Integrated Center Stack	CAN-I	7AS341X8AA			7AS341X8AA
RFH	Radio Frequency Hub	CAN-C	68500152AA			68500152AA
ESM	Electronic Shifter	CAN-C	68240089AM			68240089AM
ORC	Occupant Restraint	CAN-C	68480710AC			68480710AC
EPS	Electric Power Steering	CAN-C	68460392AA			68460392AA
HVAC	Heat, Ventilation and A/C	CAN-I	68493454AE			68493454AE
DDM	Driver Door Module	CAN-I	68496461AB			68496461AB
PDM	Passenger Door Module	CAN-I	68496460AB			68496460AB
DMRL	Door Module Rear Left	CAN-I	68508894AB			68508894AB
DMRR	Door Module Rear Right	CAN-I	68508894AB			68508894AB
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AD			68369596AD
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AD			68369596AD
MSM	Memory Seat Module	CAN-I	68321862AC			68321862AC
CSWM	Comfort Seat Wheel Module	CAN-I	68517013AB			68517013AB
AMP	Amplifier	CAN-I	68448067AA			68448067AA
IPC	Instrument Panel Cluster	CAN-C	68434960AE			68434960AE
PTS	Parktronics	CAN-C	68485862AA			68485862AA

SCCM	Steering Column Control Module	CAN-C	68360889AD		68360889AD
BCM	Body Controller	CAN-C	68491085AG		68491085AG
ACC	Adaptive Cruise Control	CAN-C	68540436AA		68540436AA
RADIO	Radio	CAN-I	68465292AC		68465292AC
OCM	Occupant Classification	CAN-C	68403127AA		68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB		68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB		04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB		04672786AB
FFCM	Forward Facing Camera Module	CAN-C	68493395AA		68493395AA
EDM	External Disc Module	CAN-I	68499745AA		68499745AA
APM	Accessory Power Module	CAN-C	05185046AB		05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193183AE		05193183AE
HCP	Hybrid Control Processor	CAN-C	05185116AH		05185116AH
OBCM	On Board Charging Module	CAN-C	05185047AE		05185047AE
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC		68321862AC
DSM	Display Screen Module	CAN-I	68437339AD		68437339AD
VRM	Video Routing Module	CAN-I	68493702AA		68493702AA
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30DX9AA		6WL30DX9AA
CVPM	Central vision processing module	CAN-I	56029920AB		56029920AB
EAC	Electric A/C Compressor	CAN-C	68237995AG		68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05185117AH		05185117AH
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB		68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD		68471122AD
SGW	Security Gateway Module	CAN-C	68488429AB		68488429AB
TBM2	Telematic Box Module 2	CAN-C	68546266AB		68546266AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS

PCM	USA	1B 47	75 01 01	4422	F2DB13B9
PLGM	USA	0	5269	000200000031	
ICS	USA	0F 0C 00	13 31 01	4700	
RFH	USA / USA	10 17 00	13 26 00	4A00	
ESM	USA / USA	0F 24 00	12 28 FF	4402	
ORC	USA / USA	12 1A 00	13 2E 00	4301	
EPS	USA / USA	12 2A 00	12 1E 01	4502	
HVAC	USA	0E 09 00	14 2F 01	4401	
DDM	USA	11 07 00	14 07 00	4202	
PDM	USA	11 07 00	14 07 00	4202	
DMRL	USA / USA	10 0B 00	14 08 00	4201	
DMRR	USA / USA	10 0B 00	14 08 00	4201	
PSDML	USA / USA	10 17 00	14 10 12	4001	
PSDMR	USA / USA	10 17 00	14 10 12	4001	
MSM	USA	0F 2B 00	10 27 03	4101	
CSWM	USA	11 2A 00	14 25 00	4302	
AMP	USA	0F 06 01	12 2E 01	4021	
IPC	USA / USA	12 06 00	14 2B 00	4705	
PTS	USA	0E 32 00	14 07 00	4311	
SCCM	USA	13 28 00	13 29 00	4301	
BCM	USA	0D 11 00	14 26 90	4420	
ACC	USA / USA	14 12 01	14 26 01	4400	
RADIO		65	5175	000200000008	
OCM	USA / USA	11 1F 01	0E 2F 02	4030	
HVACR	USA	0E 09 00	10 03 02	4301	
LBSS	USA / USA	11 30 02	12 0D 00	4202	
RBSS	USA / USA	11 30 02	12 0D 00	4202	
FFCM	USA / USA	11 06 00	13 1E 00	4102	
EDM	USA	12 0A 00	11 08 00	4000	
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM	Not programmed / COUNTRY_SNA	0E 03 00	14 2C 00	4005	79855957
HCP	USA	11 1F 04	0F 2D 00	4006	879F1587 D754327D 050DC953
OBCM	USA	0F 0D 00	12 02 00	4002	
MSMP	USA	0F 2B 00	10 27 03	4001	
DSM	USA / USA	14 0C 00	14 28 00	4300	
VRM	USA / USA	0F 1C 00	14 1E 14	4001	
RCCC	USA	0F 1D 00	13 04 00	4000	
CVPM	USA / USA	11 27 01	14 0C 01	4004	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1F 04	0F 2D 00	4000	
EBBM	USA	0E 19 02	14 0D 18	4000	E5898FA5
ABSO	USA	0E 15 02	14 1B 26	4201	4F158D1B
SGW		5	969	4103	

TBM2	USA	13 0E 02	14 2A 5C	4104	

ECU DETAILS

PCM DETAILS

NAME	VALUE
ECU Part Number	68499122AE
Diagnostic Version	22
Variant ID	44
Software Version (Major/Middle/Minor)	75 01 01
Supplier ID	Motorola
Hardware Version (Major/Minor)	1B 47
VIN - Original	[redacted]
Serial Number	[redacted]
VIN Current	[redacted]
Country Code	USA
Model Year	21
Body Style	Station Wagon
Vehicle Line	2D
Odometer When Original VIN First Written	2668768948.7216

PLGM DETAILS

NAME	VALUE
VIN Current	[redacted]
Diagnostic Version	00 00 00 31
Diagnostic Variant	00 02

ICS DETAILS

NAME	VALUE
VIN Original	[redacted]
ECU Part Number	7AS341X8AA
VIN Current	[redacted]
Model Year	2021
Body Style	Station Wagon
Vehicle Line	RU
Country Code	USA
Active Diagnostic Version	00
ECU Software Mode	Running in Application
Active Diagnostic Session	Default
Gateway	False
Active Diagnostic Variant	47

RFH DETAILS

NAME	VALUE
IAC Data	—

Hardware Version - Week	17
Hardware Version - Patch Level	00
Hardware Version - Year	10
ECU Part Number	68500152AA
Software Version - Week	26
Software Version - Year	13
Software Version - Patch Level	00
ECU Serial Number	[redacted]
Hardware Part Number	16135703AC
VIN Current	[redacted]
[redacted]	[redacted]
Vehicle Line	RU
Country Code	USA / USA
Model Year	2021
Active Diagnostic Version	00
Active Diagnostic Session	Extended
ECU Software Mode	Running in Application
Active Diagnostic Variant	4A
Hardware Supplier	Continental
VIN Original	[redacted]
Software Supplier	Continental

ESM DETAILS

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

ORC DETAILS

NAME	VALUE
Active Diagnostic Variant	43
Active Diagnostic Version	01
Body Style	Station Wagon
Vehicle Line	RU / VEH_RU
Model Year	2021
Country Code	USA / USA
ECU Serial Number	[redacted]

EPS DETAILS

NAME	VALUE
Vehicle Line	RU / VEH_RU
Body Style	Station Wagon
Country Code	USA / USA
Model Year	2021

VIN Current	[redacted]
HW - Week	42
HW - Year	2018
HW - Patch Level	00
Active Diagnostic Version	02
Active Diagnostic Variant	45
SW - Patch Level	01
SW - year	2018
SW - week	30
VIN Original	[redacted]
ECU Part Number	68460392AA

HVAC DETAILS

NAME	VALUE
Active Diagnostic Variant	44
Active Diagnostic Version	01
Country Code	USA
Model Year	2021
Body Style	Station Wagon
VIN Original	[redacted]
ECU Part Number	68493454AE
ECU Serial Number	????????????
VIN Current	[redacted]

DDM DETAILS

NAME	VALUE
Active Diagnostic Version	02
Active Diagnostic Variant	42
VIN Original	[redacted]
VIN Current	[redacted]
ECU Part Number	68496461AB

PDM DETAILS

NAME	VALUE
Active Diagnostic Variant	42
Active Diagnostic Version	02
Active Diagnostic Session	Default
Gateway	False
Serial Number	[redacted]
ECU Part Number	68496460AB
VIN Current	[redacted]
VIN Original	[redacted]
Model Year	2021
Country Code	USA

Vehicle Line	RU

DMRL DETAILS

NAME	VALUE
Hardware Part Number	68508894AB
Software Part Number	68508894AB
Active Diagnostic Variant	42
Active Diagnostic Version	01
Body Style	Station Wagon
Vehicle Line	RU / VEH_RU
Model Year	2021
Country Code	USA / USA
ECU Part Number	68508894AB
VIN Original	[redacted]
VIN Current	[redacted]

DMRR DETAILS

NAME	VALUE
ECU Part Number	68508894AB
Active Diagnostic Variant	42
Active Diagnostic Version	01
VIN Current	[redacted]
Software Part Number	68508894AB
Hardware Part Number	68508894AB
VIN Original	[redacted]
Country Code	USA / USA
Body Style	Station Wagon
Model Year	2021
Vehicle Line	RU / VEH_RU

PSDML DETAILS

NAME	VALUE
Active Diagnostic Version	01
Active Diagnostic Variant	40
ECU Part Number	68369596AD
VIN Current	[redacted]
Vehicle Line	RU / VEH_RU
Body Style	Station Wagon
Model Year	2021
Country Code	USA / USA
VIN Original	[redacted]
Hardware Supplier Identification	Delphi

PSDMR DETAILS

NAME	VALUE
Active Diagnostic Variant	40
Active Diagnostic Version	01
ECU Part Number	68369596AD
VIN Current	[redacted]
Hardware Supplier Identification	Delphi
Country Code	USA / USA
Body Style	Station Wagon
Model Year	2021
Vehicle Line	RU / VEH_RU
VIN Original	[redacted]

MSM DETAILS

NAME	VALUE
VIN Original	[redacted]
Body Style	BODY_WAGON
Vehicle Line	RU
Model Year	2021
Country Code	USA
Software Logical Block #0 Part Number	68321862AC
ECU Serial Number	[redacted]
Gateway	False
Active Diagnostic Variant	41
Active Diagnostic Session	Default
Active Diagnostic Version	01
ECU Software Mode	Running in Application
Software Logical Block Supplier Identification	Kostal
VIN Current	[redacted]
ECU Part Number	68321862AC
Hardware Part Number	68321862AC

CSWM DETAILS

NAME	VALUE
Software Logical Block Supplier Identification	Continental
Hardware Supplier Identification	Continental
Active Diagnostic Variant	43
ECU Software Mode	Running in Application
Gateway	False
Active Diagnostic Version	02
ECU Part Number	68517013AB
Software Part Number	68517013AB
Vehicle Line	RU
Body Style	Station Wagon
Model Year	2021

Country Code	USA
VIN Current	[redacted]
Hardware Part Number	68517013AB

AMP DETAILS

NAME	VALUE
Active Diagnostic Variant	40
Active Diagnostic Version	21
ECU Part Number	68448067AA
ECU Serial Number	5022BB32501642
EQ Software Version	049100
VIN Original	[redacted]
HW - Patch Level	01
HW - Week	6
HW - Year	0F
Body Style	Station Wagon
Vehicle Line	RU
Model Year	2021
Hardware Part Number	68448067AA
Software Part Number	68448067AA
VIN Current	[redacted]
Hardware Supplier Identification	Harman / Becker
Software Supplier Identification	Harman / Becker
SW - week	46
SW - year	18
SW - Patch Level	1

IPC DETAILS

NAME	VALUE
Software Logical Block #0 Part Number	68434958AE
ECU Part Number	68434960AE
VIN Current	[redacted]
Hardware - Patch Level	00
Hardware - Week	6
Hardware - Year	2018
Hardware Part Number	68434960AD
ECU Serial Number	TCL325000705
Software - Patch Level Block #0	00
Software - Week Block #0	43
Software - Year Block #0	2020
Software Supplier Identification	Nippon Seiki (NS Intl)
Hardware Supplier Identification	Nippon Seiki (NS Intl)
Body Style	Station Wagon
Vehicle Line	RU

Country Code	USA / USA
Model Year	2021
VIN Original	[redacted]
Active Diagnostic Version	05
Active Diagnostic Variant	47

PTS DETAILS

NAME	VALUE
Country Code	USA
Model Year	2021
Body Style	BODY_WAGON
Vehicle Line	RU
Serial Number	T00FF311000262
ECU Part Number	68485862AA
VIN Original	[redacted]
Active Diagnostic Session	Default
Active Diagnostic Variant	43
Active Diagnostic Version	11
ECU Software Mode	Running in Application
Hardware Supplier Identification	Bosch
SW - week	7
SW - year	2020
SW - Patch Level	00
HW - Year	2014
HW - Week	50
HW - Patch Level	00
SW Part Number	68485862AA
VIN Current	[redacted]
Software Supplier Identification	Bosch

SCCM DETAILS

NAME	VALUE
ECU Serial Number	S32200164
Hardware Part Number	10333273AA
VIN Current	[redacted]
Vehicle Line	RU
Model Year	2021
Country Code	USA
Body Style	BODY_WAGON
VIN Original	[redacted]
ECU Part Number	68360889AD
Hardware Supplier Identification	Kostal
Software Logical Block #0 Part Number	10306803AB
Software Logical Block Supplier Identification	Kostal

Active Diagnostic Version	1
Active Diagnostic Variant	43
ECU Software Mode	Running in Application
SW - year	19
SW - Patch Level	0
SW - week	41
HW - Week	40
HW - Patch Level	0
HW - Year	19

BCM DETAILS

NAME	VALUE
Software Logical Block #0 Part Number	68491086AG
Country Code	USA
ECU Serial Number	TYH306010942
Active Diagnostic Variant	44
ECU Software Mode	Running in Application
Active Diagnostic Version	20
ECU Part Number	68491085AG
VIN Original	[redacted]
Hardware Supplier Identification	Continental
Ignition Run Start	Run/Start
VIN Current	[redacted]
Software Logical Block Supplier Identification	Continental

ACC DETAILS

NAME	VALUE
Active Diagnostic Version	00
Active Diagnostic Variant	44
ECU Part Number	68540436AA
SW Part Number (Application)	68540437AA
SW Part Number (Parameter)	0000000000
VIN Original	[redacted]
HW Part Number	68417813AE

RADIO DETAILS

NAME	VALUE
SW - Identification	00 00 00 00 00 00 00 00 00 00
SW- Year	20
SW - Patch Level	00
SW - week	49
Sales Code	
Flash Definition Number (FDN)	00 01
Supplier ID	Harman

Diagnostic Version	00 00 00 08
Diagnostic Variant	00 02
Supplier Manufacturer ECU Software Part Number	4027025
VIN Original	[redacted]

OCM DETAILS

NAME	VALUE
Model Year	2021
Country Code	USA / USA
Vehicle Line	RU / VEH_RU
Body Style	Station Wagon
VIN Original	[redacted]
Active Diagnostic Variant	40
Active Diagnostic Version	30
ECU Serial Number	TRUJY2980140SH
VIN Current	[redacted]
ECU Part Number	68403127AA
Software Logical Block #0 Part Number	28444600
Hardware Part Number	28608000

HVACR DETAILS

NAME	VALUE
Active Diagnostic Variant	43
Active Diagnostic Version	01
ECU Part Number	68373079AB
ECU Serial Number	FF FF FF FF FF FF FF FF FF FF FF FF
VIN Current	[redacted]
Model Year	21
Country Code	USA
Body Style	Station Wagon
Vehicle Line	RU

LBSS DETAILS

NAME	VALUE
Country Code	USA / USA
Body Style	Station Wagon
Vehicle Line	RU
Model Year	2021
ECU Software Mode	Running in Application
Active Diagnostic Version	02
Active Diagnostic Variant	42
VIN Original	[redacted]
SW - year - Logical Block #1	2018
SW - patch level - Logical Block #1	00

SW - week - Logical Block #1	13
HW - Year	2017
HW - Week	48
HW - Patch Level	02
Software Logical Block #1 Part Number	647851800A
Software Logical Block #2 Part Number	647851800A
Software Logical Block #3 Part Number	647851800A
Software Logical Block Supplier Identification	Autoliv
ECU Part Number	04672786AB
Hardware Part Number	631511300F
Serial Number	T00 280011576
VIN Current	[redacted]
Hardware Supplier Identification	Autoliv

RBSS DETAILS

NAME	VALUE
Hardware Part Number	631511300F
Software Logical Block #2 Part Number	647851800A
Software Logical Block #3 Part Number	647851800A
Software Logical Block #1 Part Number	647851800A
VIN Current	[redacted]
Active Diagnostic Variant	42
Active Diagnostic Version	02
ECU Software Mode	Running in Application
Vehicle Line	RU
Body Style	Station Wagon
Country Code	USA / USA
Model Year	2021
ECU Part Number	04672786AB
Serial Number	T00 280011581
Hardware Supplier Identification	Autoliv
HW - Patch Level	02
HW - Year	2017
HW - Week	48
SW - week - Logical Block #1	13
SW - patch level - Logical Block #1	00
SW - year - Logical Block #1	2018
VIN Original	[redacted]
Software Logical Block Supplier Identification	Autoliv

FFCM DETAILS

NAME	VALUE
Active Diagnostic Variant	41
Active Diagnostic Version	02

VIN Original	[redacted]
Model Year	2021
Vehicle Line	RU
Country Code	USA / USA
Body Style	Station Wagon
ECU Part Number	68493395AA
VIN Current	[redacted]

EDM DETAILS

NAME	VALUE
Sales Code	RDU
HW - Patch Level	00
HW - Year	12
HW - Week	10
ECU Part Number	68499745AA
Active Diagnostic Version	00
Active Diagnostic Variant	40
VIN Original	[redacted]
Software Supplier Identification	Mitsubishi Electric
ECU Serial Number	[redacted]
VIN Current	[redacted]
Model Year	2021
Country Code	USA
Body Style	Wagon
Vehicle Line	RU
Hardware Supplier Identification	Mitsubishi Electric
SW - year	17
SW - week	8
SW - Patch Level	0

APM DETAILS

NAME	VALUE
VIN Original	[redacted]
Active Diagnostic Variant	40
Active Diagnostic Version	01
ECU Serial Number	TD6VA2210R0049
Country Code	USA / USA
Vehicle Line	RU
Model Year	2016
VIN Current	[redacted]
ECU Part Number	05185046AB

BPCM DETAILS

NAME	VALUE

ECU Part Number	05193183AE
VIN Original	[redacted]
ECU Serial Number	[redacted]
SW - week	44
SW - year	2020
SW - Patch Level	00
VIN Current	[redacted]
Active Diagnostic Variant	40
Active Diagnostic Version	05

HCP DETAILS

NAME	VALUE
HCP SW Version	21B
MCP SW Version	2011B0
Transmission Assembly Traceability Number	
Transmission Assembly Part Number	05062423EE
Active Diagnostic Variant	40
Active Diagnostic Version	06
ECU Serial Number	[redacted]
VIN Current	[redacted]
VIN Original	[redacted]

OBCM DETAILS

NAME	VALUE
VIN Original	[redacted]
Active Diagnostic Variant	40
Active Diagnostic Version	02
ECU Serial Number	[redacted]
ECU Part Number	05185047AE
VIN Current	[redacted]

MSMP DETAILS

NAME	VALUE
Software Logical Block #0 Part Number	68321862AC
ECU Part Number	68321862AC
ECU Serial Number	TLK266000096
Country Code	USA
Body Style	Station Wagon
Vehicle Line	RU
Model Year	2021
Active Diagnostic Variant	40
Gateway	False
Active Diagnostic Version	1
Active Diagnostic Session	Default

ECU Software Mode	Running in Application
VIN Original	[redacted]
VIN Current	[redacted]
Software Logical Block Supplier Identification	Kostal
Hardware Part Number	68321862AC

DSM DETAILS

NAME	VALUE
Active Diagnostic Variant	43
Active Diagnostic Version	00
Body Style	Station Wagon
Model Year	2021
Vehicle Line	2D
Country Code	USA / USA
Hardware Supplier Identification	00C9
Hardware - Week	12
Hardware - Year	2020
Hardware - Patch Level	00
VIN Current	[redacted]
Software - Week	40
Software - Year	2020
Software - Patch Level	00
ECU Part Number	68437339AD
Software Logical Block Supplier Identification	00C9
ECU Serial Number	000000008669

VRM DETAILS

NAME	VALUE
VIN Current	[redacted]
Software Part Number	10028795
ECU Software Mode	Running in Application
Active Diagnostic Variant	40
Active Diagnostic Version	01
Vehicle Line	RU
Country Code	USA / USA
Body Style	Station Wagon
Model Year	2021
VIN Original	[redacted]

RCCC DETAILS

NAME	VALUE
VIN Original	[redacted]
ECU Software Mode	Running in Application
Active Diagnostic Version	00

Active Diagnostic Variant	40
Active Diagnostic Session	Default
Gateway	False
ECU Serial Number	T249010006
Vehicle Line	RU
Model Year	21
Country Code	USA
Body Style	Station Wagon
ECU Part Number	6WL30DX9AA
VIN Current	[redacted]
Hardware Part Number	68223337AB

CVPM DETAILS

NAME	VALUE
Country Code	USA / USA
Vehicle Line	RU
Body Style	Station Wagon
Model Year	2021
VIN Original	[redacted]
ECU Part Number	56029920AB
ECU Serial Number	[redacted]
VIN Current	[redacted]
Active Diagnostic Version	04
Active Diagnostic Variant	40

EAC DETAILS

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

AHCP DETAILS

NAME	VALUE
AHCP SW Version	21B
MCPA SW Version	2011B0
Active Diagnostic Version	00
Active Diagnostic Variant	40
Body Style	Station Wagon
Model Year	2021
Vehicle Line	RU
VIN Original	[redacted]
Hardware Part Number	05190174AM

ECU Part Number	05185117AH
VIN Current	[redacted]

EBBM DETAILS

NAME	VALUE
Active Diagnostic Variant	40
Active Diagnostic Version	00
ECU Serial Number	[redacted]
ECU Part Number	68461813AB

ABSO DETAILS

NAME	VALUE
Sensor Cluster Serial Number	[redacted]
Active Diagnostic Version	01
Active Diagnostic Variant	42
Model Year	2021
Body Style	Station Wagon
Country Code	USA
Vehicle Line	RU
ECU Serial Number	[redacted]
ECU Part Number	68471122AD

SGW DETAILS

NAME	VALUE
VIN Original	[redacted]
Active Diagnostic Session Data Identifier	Extended Diagnostic Session
ECU Serial Number	54 46 31 31 36 33 33 31 30 4A 31 38 38 31 30
Diagnostic Version	03
Supplier ID	Bosch
Diagnostic Variant ID	41
System Supplier ECU Hardware Number	6002JE1371
ECU Part Number	68488429AB
System Supplier ECU Software Number	V230
System Supplier ECU Software Version Number	969
System Supplier ECU Hardware Version Number	5

TBM2 DETAILS

NAME	VALUE
Network Connection Status	Connected
IMEI (International Mobile Equipment Identity) Number	[redacted]
SIM identifier ICCID (Integrated Circuit Card Identifier)	[redacted]
MSD	—
MSD Index	—
Network Registration Status	Registered to HOME NETWORK

Radio Access Technology	4G
Number of Characters in Battery Serial Number	—
Number of Batteries	—
Battery Serial Number	—
MSISDN (Mobile Subscriber ISDN) Number	15248473944
IMSI (International Mobile Subscriber Identity) Number	[redacted]
ECU Serial Number	[redacted]
Software Part Number	52199750
Active Diagnostic Variant	41
Active Diagnostic Version	04
ECU Part Number	68546266AB
Body Style	SNA
Country Code	USA
Model Year	2021
Vehicle Line	RU
Hardware Supplier Identification	0030
VIN Current	[redacted]
Software - Week	42
Software - Year	2020
Software - Patch Level	5C
Hardware Part Number	52154506
Hardware - Week	14
Hardware - Patch Level	02
Hardware - Year	2019
VIN Original	[redacted]
Software Logical Block Supplier Identification	Magneti Marelli

ECU DETAILS REPORT

Vehicle 2021 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
VIN [redacted]

Odometer 4174.3 miles
Publication Date Jul 13, 2021, 2:16:39 PM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
PCM	Powertrain Control Module	CAN-C	68499122AD	[redacted]		68499122AD
PLGM	Power Liftgate	CAN-I	68466171AF			68466171AF
ICS	Integrated Center Stack	CAN-I	7AS341X8AA			7AS341X8AA
RFH	Radio Frequency Hub	CAN-C	68500152AA			68500152AA
ESM	Electronic Shifter	CAN-C	68240089AM			68240089AM
ORC	Occupant Restraint	CAN-C	68480710AC			68480710AC
EPS	Electric Power Steering	CAN-C	68460392AA			68460392AA
HVAC	Heat, Ventilation and A/C	CAN-I	68493454AE			68493454AE
DDM	Driver Door Module	CAN-I	68496461AB			68496461AB
PDM	Passenger Door Module	CAN-I	68496460AB			68496460AB
DMRL	Door Module Rear Left	CAN-I	68508894AB			68508894AB
DMRR	Door Module Rear Right	CAN-I	68508894AB			68508894AB
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AD			68369596AD
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AD			68369596AD
MSM	Memory Seat Module	CAN-I	68321862AC			68321862AC
CSWM	Comfort Seat Wheel Module	CAN-I	68517013AB			68517013AB
AMP	Amplifier	CAN-I	68448067AA			68448067AA
IPC	Instrument Panel Cluster	CAN-C	68434960AE			68434960AE
PTS	Parktronics	CAN-C	68485862AA			68485862AA

SCCM	Steering Column Control Module	CAN-C	68360889AD		68360889AD
BCM	Body Controller	CAN-C	68491085AG		68491085AG
ACC	Adaptive Cruise Control	CAN-C	68540436AA		68540436AA
RADIO	Radio	CAN-I	68465292AC		68465292AC
OCM	Occupant Classification	CAN-C	68403127AA		68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB		68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB		04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB		04672786AB
FFCM	Forward Facing Camera Module	CAN-C	68493395AA		68493395AA
EDM	External Disc Module	CAN-I	68499745AA		68499745AA
APM	Accessory Power Module	CAN-C	05185046AB		05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193183AE		05193183AE
HCP	Hybrid Control Processor	CAN-C	05185116AF		05185116AF
OBCM	On Board Charging Module	CAN-C	05185047AE		05185047AE
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC		68321862AC
DSM	Display Screen Module	CAN-I	68437339AD		68437339AD
VRM	Video Routing Module	CAN-I	68493702AA		68493702AA
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30DX9AA		6WL30DX9AA
CVPM	Central vision processing module	CAN-I	56029920AB		56029920AB
EAC	Electric A/C Compressor	CAN-C	68237995AG		68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05185117AF		05185117AF
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB		68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD		68471122AD
SGW	Security Gateway Module	CAN-C	68488429AB		68488429AB
TBM2	Telematic Box Module 2	CAN-C	68546266AB		68546266AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS

PCM	USA	1B 47	75 00 01	4422	941DFC50
PLGM	USA	0	5269	000200000031	
ICS	USA	0F 0C 00	13 31 01	4700	
RFH	USA / USA	10 17 00	13 26 00	4A00	
ESM	USA / USA	0F 24 00	12 28 FF	4402	
ORC	USA / USA	12 1A 00	13 2E 00	4301	
EPS	USA / USA	12 2A 00	12 1E 01	4502	
HVAC	USA	0E 09 00	14 2F 01	4401	
DDM	USA	11 07 00	14 07 00	4202	
PDM	USA	11 07 00	14 07 00	4202	
DMRL	USA / USA	10 0B 00	14 08 00	4201	
DMRR	USA / USA	10 0B 00	14 08 00	4201	
PSDML	USA / USA	10 17 00	14 10 12	4001	
PSDMR	USA / USA	10 17 00	14 10 12	4001	
MSM	USA	0F 2B 00	10 27 03	4101	
CSWM	USA	11 2A 00	14 25 00	4302	
AMP	USA	0F 06 01	12 2E 01	4021	
IPC	USA / USA	12 06 00	14 2B 00	4705	
PTS	USA	0E 32 00	14 07 00	4311	
SCCM	USA	13 28 00	13 29 00	4301	
BCM	USA	0D 11 00	14 26 90	4420	
ACC	USA / USA	14 12 01	14 26 01	4400	
RADIO		65	5175	000200000008	
OCM	USA / USA	11 1F 01	0E 2F 02	4030	
HVACR	USA	0E 09 00	10 03 02	4301	
LBSS	USA / USA	11 30 02	12 0D 00	4202	
RBSS	USA / USA	11 30 02	12 0D 00	4202	
FFCM	USA / USA	11 06 00	13 1E 00	4102	
EDM	USA	12 0A 00	11 08 00	4000	
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM	Not programmed / COUNTRY_SNA	0E 03 00	14 2C 00	4005	79855957
HCP	USA	11 1F 04	0F 2D 00	4006	FE120BB2 29C5A4AB 050DC953
OBCM	USA	0F 0D 00	12 02 00	4002	
MSMP	USA	0F 2B 00	10 27 03	4001	
DSM	USA / USA	14 0C 00	14 28 00	4300	
VRM	USA / USA	0F 1C 00	14 1E 14	4001	
RCCC	USA	0F 1D 00	13 04 00	4000	
CVPM	USA / USA	11 27 01	14 0C 01	4004	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1F 04	0F 2D 00	4000	
EBBM	USA	0E 19 02	14 0D 18	4000	E5898FA5
ABSO	USA	0E 15 02	14 1B 26	4201	4F158D1B
SGW		5	969	4103	

TBM2	USA	13 0E 02	14 2A 5C	4104	

ECU DETAILS

PCM DETAILS

NAME	VALUE
ECU Part Number	68499122AD
Diagnostic Version	22
Variant ID	44
Software Version (Major/Middle/Minor)	75 00 01
Supplier ID	Motorola
Hardware Version (Major/Minor)	1B 47
VIN - Original	[redacted]
VIN Current	[redacted]
Serial Number	[redacted]
Country Code	USA
Model Year	21
Body Style	Station Wagon
Vehicle Line	2D
Odometer When Original VIN First Written	2668768948.7216

PLGM DETAILS

NAME	VALUE
Diagnostic Version	00 00 00 31
Diagnostic Variant	00 02
VIN Current	[redacted]

ICS DETAILS

NAME	VALUE
VIN Original	[redacted]
ECU Part Number	7AS341X8AA
VIN Current	[redacted]
Model Year	2021
Body Style	Station Wagon
Vehicle Line	RU
Country Code	USA
Active Diagnostic Version	00
ECU Software Mode	Running in Application
Active Diagnostic Session	Default
Gateway	False
Active Diagnostic Variant	47

RFH DETAILS

NAME	VALUE
IAC Data	—

ECU Part Number	68500152AA
ECU Serial Number	[redacted]
Hardware Version - Week	17
Hardware Version - Patch Level	00
Hardware Version - Year	10
Software Version - Week	26
Software Version - Year	13
Software Version - Patch Level	00
Hardware Part Number	16135703AC
VIN Current	[redacted]
Body Style	station wagon / BODY_WAGON
Vehicle Line	RU
Country Code	USA / USA
Model Year	2021
Active Diagnostic Version	00
Active Diagnostic Session	Extended
ECU Software Mode	Running in Application
Active Diagnostic Variant	4A
Hardware Supplier	Continental
VIN Original	[redacted]
Software Supplier	Continental

ESM DETAILS

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

ORC DETAILS

NAME	VALUE
Active Diagnostic Variant	43
Active Diagnostic Version	01
Body Style	Station Wagon
Vehicle Line	RU / VEH_RU
Model Year	2021
Country Code	USA / USA
ECU Serial Number	[redacted]

EPS DETAILS

NAME	VALUE
Vehicle Line	RU / VEH_RU
Body Style	Station Wagon
Country Code	USA / USA
Model Year	2021

Active Diagnostic Version	02
Active Diagnostic Variant	45
HW - Week	42
HW - Year	2018
HW - Patch Level	00
VIN Current	[redacted]
VIN Original	[redacted]
ECU Part Number	68460392AA
SW - Patch Level	01
SW - year	2018
SW - week	30

HVAC DETAILS

NAME	VALUE
Active Diagnostic Variant	44
Active Diagnostic Version	01
Country Code	USA
Model Year	2021
Body Style	Station Wagon
ECU Part Number	68493454AE
VIN Original	[redacted]
ECU Serial Number	????????????
VIN Current	[redacted]

DDM DETAILS

NAME	VALUE
Active Diagnostic Version	02
Active Diagnostic Variant	42
VIN Current	[redacted]
ECU Part Number	68496461AB
VIN Original	[redacted]

PDM DETAILS

NAME	VALUE
Serial Number	[redacted]
Active Diagnostic Variant	42
Active Diagnostic Version	02
Active Diagnostic Session	Default
Gateway	False
VIN Current	[redacted]
VIN Original	[redacted]
ECU Part Number	68496460AB
Model Year	2021
Country Code	USA

Vehicle Line	RU

DMRL DETAILS

NAME	VALUE
Software Part Number	68508894AB
Hardware Part Number	68508894AB
Active Diagnostic Variant	42
Active Diagnostic Version	01
Body Style	Station Wagon
Vehicle Line	RU / VEH_RU
Model Year	2021
Country Code	USA / USA
VIN Original	[redacted]
ECU Part Number	68508894AB
VIN Current	[redacted]

DMRR DETAILS

NAME	VALUE
Software Part Number	68508894AB
Active Diagnostic Variant	42
Active Diagnostic Version	01
ECU Part Number	68508894AB
VIN Current	[redacted]
Hardware Part Number	68508894AB
Country Code	USA / USA
Body Style	Station Wagon
Model Year	2021
Vehicle Line	RU / VEH_RU
VIN Original	[redacted]

PSDML DETAILS

NAME	VALUE
Active Diagnostic Version	01
Active Diagnostic Variant	40
Vehicle Line	RU / VEH_RU
Body Style	Station Wagon
Model Year	2021
Country Code	USA / USA
VIN Current	[redacted]
ECU Part Number	68369596AD
VIN Original	[redacted]
Hardware Supplier Identification	Delphi

PSDMR DETAILS

NAME	VALUE
Active Diagnostic Variant	40
Active Diagnostic Version	01
ECU Part Number	68369596AD
VIN Current	[redacted]
Country Code	USA / USA
Body Style	Station Wagon
Model Year	2021
Vehicle Line	RU / VEH_RU
VIN Original	[redacted]
Hardware Supplier Identification	Delphi

MSM DETAILS

NAME	VALUE
VIN Original	[redacted]
Body Style	BODY_WAGON
Vehicle Line	RU
Model Year	2021
Country Code	USA
Software Logical Block #0 Part Number	68321862AC
ECU Serial Number	TLK266000098
Gateway	False
Active Diagnostic Variant	41
Active Diagnostic Session	Default
Active Diagnostic Version	01
ECU Software Mode	Running in Application
Hardware Part Number	68321862AC
ECU Part Number	68321862AC
VIN Current	[redacted]
Software Logical Block Supplier Identification	Kostal

CSWM DETAILS

NAME	VALUE
ECU Part Number	68517013AB
Software Part Number	68517013AB
Active Diagnostic Variant	43
ECU Software Mode	Running in Application
Gateway	False
Active Diagnostic Version	02
Vehicle Line	RU
Body Style	Station Wagon
Model Year	2021
Country Code	USA
VIN Current	[redacted]

Hardware Part Number	68517013AB
Hardware Supplier Identification	Continental
Software Logical Block Supplier Identification	Continental

AMP DETAILS

NAME	VALUE
Active Diagnostic Variant	40
Active Diagnostic Version	21
ECU Part Number	68448067AA
VIN Original	[redacted]
HW - Patch Level	01
HW - Week	6
HW - Year	0F
Hardware Part Number	68448067AA
ECU Serial Number	5022BB32501642
Body Style	Station Wagon
Vehicle Line	RU
Model Year	2021
EQ Software Version	049100
VIN Current	[redacted]
Software Part Number	68448067AA
Hardware Supplier Identification	Harman / Becker
Software Supplier Identification	Harman / Becker
SW - week	46
SW - year	18
SW - Patch Level	1

IPC DETAILS

NAME	VALUE
ECU Part Number	68434960AE
VIN Current	[redacted]
Hardware - Patch Level	00
Hardware - Week	6
Hardware - Year	2018
Software Logical Block #0 Part Number	68434958AE
ECU Serial Number	TCL325000705
Software - Patch Level Block #0	00
Software - Week Block #0	43
Software - Year Block #0	2020
Hardware Part Number	68434960AD
Hardware Supplier Identification	Nippon Seiki (NS Intl)
Body Style	Station Wagon
Vehicle Line	RU
Country Code	USA / USA

Model Year	2021
VIN Original	2C4RC1S7XMR513900
Active Diagnostic Version	05
Active Diagnostic Variant	47
Software Supplier Identification	Nippon Seiki (NS Intl)

PTS DETAILS

NAME	VALUE
Country Code	USA
Model Year	2021
Body Style	BODY_WAGON
Vehicle Line	RU
Serial Number	T00FF311000262
Active Diagnostic Session	Default
Active Diagnostic Variant	43
Active Diagnostic Version	11
ECU Software Mode	Running in Application
ECU Part Number	68485862AA
HW - Year	2014
HW - Week	50
HW - Patch Level	00
SW Part Number	68485862AA
VIN Current	[redacted]
SW - week	7
SW - year	2020
SW - Patch Level	00
VIN Original	[redacted]
Software Supplier Identification	Bosch
Hardware Supplier Identification	Bosch

SCCM DETAILS

NAME	VALUE
ECU Serial Number	S32200164
Hardware Part Number	10333273AA
Hardware Supplier Identification	Kostal
VIN Current	[redacted]
Software Logical Block Supplier Identification	Kostal
Vehicle Line	RU
Model Year	2021
Country Code	USA
Body Style	BODY_WAGON
ECU Part Number	68360889AD
VIN Original	[redacted]
Software Logical Block #0 Part Number	10306803AB

Active Diagnostic Version	1
Active Diagnostic Variant	43
ECU Software Mode	Running in Application
SW - year	19
SW - Patch Level	0
SW - week	41
HW - Week	40
HW - Patch Level	0
HW - Year	19

BCM DETAILS

NAME	VALUE
Country Code	USA
Software Logical Block #0 Part Number	68491086AG
ECU Part Number	68491085AG
ECU Serial Number	TYH306010942
Active Diagnostic Variant	44
ECU Software Mode	Running in Application
Active Diagnostic Version	20
VIN Original	[redacted]
Ignition Run Start	Run/Start
VIN Current	[redacted]
Software Logical Block Supplier Identification	Continental
Hardware Supplier Identification	Continental

ACC DETAILS

NAME	VALUE
Active Diagnostic Version	00
Active Diagnostic Variant	44
ECU Part Number	68540436AA
SW Part Number (Application)	68540437AA
SW Part Number (Parameter)	0000000000
VIN Original	[redacted]
HW Part Number	68417813AE

RADIO DETAILS

NAME	VALUE
SW - Identification	00 00 00 00 00 00 00 00 00 00
SW- Year	20
SW - Patch Level	00
SW - week	49
Sales Code	
VIN Original	[redacted]
Flash Definition Number (FDN)	00 01

Supplier ID	Harman
Diagnostic Version	00 00 00 08
Diagnostic Variant	00 02
Supplier Manufacturer ECU Software Part Number	4027025

OCM DETAILS

NAME	VALUE
Model Year	2021
Country Code	USA / USA
Vehicle Line	RU / VEH_RU
Body Style	Station Wagon
Active Diagnostic Variant	40
Active Diagnostic Version	30
VIN Original	[redacted]
VIN Current	[redacted]
ECU Serial Number	TRUJY2980140SH
ECU Part Number	68403127AA
Software Logical Block #0 Part Number	28444600
Hardware Part Number	28608000

HVACR DETAILS

NAME	VALUE
Active Diagnostic Variant	43
Active Diagnostic Version	01
ECU Part Number	68373079AB
Model Year	21
Country Code	USA
Body Style	Station Wagon
Vehicle Line	RU
VIN Current	[redacted]
ECU Serial Number	FF FF FF FF FF FF FF FF FF FF FF FF

LBSS DETAILS

NAME	VALUE
Country Code	USA / USA
Body Style	Station Wagon
Vehicle Line	RU
Model Year	2021
ECU Software Mode	Running in Application
Active Diagnostic Version	02
Active Diagnostic Variant	42
VIN Original	[redacted]
HW - Year	2017
HW - Week	48

HW - Patch Level	02
SW - year - Logical Block #1	2018
SW - patch level - Logical Block #1	00
SW - week - Logical Block #1	13
Software Logical Block #1 Part Number	647851800A
Software Logical Block #2 Part Number	647851800A
Software Logical Block #3 Part Number	647851800A
Software Logical Block Supplier Identification	Autoliv
VIN Current	[redacted]
Hardware Part Number	631511300F
Serial Number	[redacted]
ECU Part Number	04672786AB
Hardware Supplier Identification	Autoliv

RBSS DETAILS

NAME	VALUE
VIN Current	[redacted]
Software Logical Block #2 Part Number	647851800A
Software Logical Block #3 Part Number	647851800A
Software Logical Block #1 Part Number	647851800A
Hardware Part Number	631511300F
Active Diagnostic Variant	42
Active Diagnostic Version	02
ECU Software Mode	Running in Application
Serial Number	[redacted]
Vehicle Line	RU
Body Style	Station Wagon
Country Code	USA / USA
Model Year	2021
ECU Part Number	04672786AB
HW - Patch Level	02
HW - Year	2017
HW - Week	48
VIN Original	[redacted]
SW - week - Logical Block #1	13
SW - patch level - Logical Block #1	00
SW - year - Logical Block #1	2018
Hardware Supplier Identification	Autoliv
Software Logical Block Supplier Identification	Autoliv

FFCM DETAILS

NAME	VALUE
Active Diagnostic Variant	41
Active Diagnostic Version	02

VIN Original	[redacted]
Model Year	2021
Vehicle Line	RU
Country Code	USA / USA
Body Style	Station Wagon
ECU Part Number	68493395AA
VIN Current	[redacted]

EDM DETAILS

NAME	VALUE
Sales Code	RDU
HW - Patch Level	00
HW - Year	12
HW - Week	10
ECU Part Number	68499745AA
Active Diagnostic Version	00
Active Diagnostic Variant	40
VIN Original	[redacted]
ECU Serial Number	[redacted]
VIN Current	[redacted]
Model Year	2021
Country Code	USA
Body Style	Wagon
Vehicle Line	RU
Software Supplier Identification	Mitsubishi Electric
Hardware Supplier Identification	Mitsubishi Electric
SW - year	17
SW - week	8
SW - Patch Level	0

APM DETAILS

NAME	VALUE
Active Diagnostic Variant	40
Active Diagnostic Version	01
ECU Serial Number	[redacted]
Country Code	USA / USA
Vehicle Line	RU
Model Year	2016
VIN Current	[redacted]
ECU Part Number	05185046AB
VIN Original	[redacted]

BPCM DETAILS

NAME	VALUE

ECU Part Number	05193183AE
ECU Serial Number	[redacted]
SW - week	44
SW - year	2020
SW - Patch Level	00
Active Diagnostic Variant	40
Active Diagnostic Version	05
VIN Original	[redacted]
VIN Current	[redacted]

HCP DETAILS

NAME	VALUE
HCP SW Version	21B
MCP SW Version	2007B0
Transmission Assembly Traceability Number	
Transmission Assembly Part Number	05062423EE
VIN Current	[redacted]
Active Diagnostic Variant	40
Active Diagnostic Version	06
ECU Serial Number	[redacted]
VIN Original	[redacted]

OBCM DETAILS

NAME	VALUE
ECU Serial Number	TD63H2180R9732
Active Diagnostic Variant	40
Active Diagnostic Version	02
VIN Original	[redacted]
ECU Part Number	05185047AE
VIN Current	[redacted]

MSMP DETAILS

NAME	VALUE
Software Logical Block #0 Part Number	68321862AC
Country Code	USA
Body Style	Station Wagon
Vehicle Line	RU
Model Year	2021
ECU Part Number	68321862AC
ECU Serial Number	TLK266000096
Active Diagnostic Variant	40
Gateway	False
Active Diagnostic Version	1
Active Diagnostic Session	Default

ECU Software Mode	Running in Application
VIN Original	[redacted]
VIN Current	[redacted]
Hardware Part Number	68321862AC
Software Logical Block Supplier Identification	Kostal

DSM DETAILS

NAME	VALUE
Active Diagnostic Variant	43
Active Diagnostic Version	00
Body Style	Station Wagon
Model Year	2021
Vehicle Line	2D
Country Code	USA / USA
Hardware - Week	12
Hardware - Year	2020
Hardware - Patch Level	00
Hardware Supplier Identification	00C9
VIN Current	[redacted]
ECU Serial Number	000000008669
ECU Part Number	68437339AD
Software - Week	40
Software - Year	2020
Software - Patch Level	00
Software Logical Block Supplier Identification	00C9

VRM DETAILS

NAME	VALUE
ECU Software Mode	Running in Application
Active Diagnostic Variant	40
Active Diagnostic Version	01
VIN Current	[redacted]
Software Part Number	10028795
Vehicle Line	RU
Country Code	USA / USA
Body Style	Station Wagon
Model Year	2021
VIN Original	[redacted]

RCCC DETAILS

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

Active Diagnostic Session	Default
Gateway	False
VIN Original	[redacted]
ECU Serial Number	T249010006
ECU Part Number	6WL30DX9AA
Vehicle Line	RU
Model Year	21
Country Code	USA
Body Style	Station Wagon
VIN Current	[redacted]
Hardware Part Number	68223337AB

CVPM DETAILS

NAME	VALUE
VIN Original	[redacted]
ECU Part Number	56029920AB
Country Code	USA / USA
Vehicle Line	RU
Body Style	Station Wagon
Model Year	2021
VIN Current	[redacted]
Active Diagnostic Version	04
Active Diagnostic Variant	40
ECU Serial Number	T00318040836

EAC DETAILS

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

AHCP DETAILS

NAME	VALUE
AHCP SW Version	21B
MCPA SW Version	2007B0
Active Diagnostic Version	00
Active Diagnostic Variant	40
Body Style	Station Wagon
Model Year	2021
Vehicle Line	RU
VIN Current	[redacted]
VIN Original	[redacted]

ECU Part Number	05185117AF
Hardware Part Number	05190174AM

EBBM DETAILS

NAME	VALUE
Active Diagnostic Variant	40
Active Diagnostic Version	00
ECU Part Number	68461813AB
ECU Serial Number	[redacted]

ABSO DETAILS

NAME	VALUE
Sensor Cluster Serial Number	2FJ30T10G019
Active Diagnostic Version	01
Active Diagnostic Variant	42
Model Year	2021
Body Style	Station Wagon
Country Code	USA
Vehicle Line	RU
ECU Part Number	68471122AD
ECU Serial Number	T004F217068406

SGW DETAILS

NAME	VALUE
VIN Original	[redacted]
Diagnostic Version	03
Supplier ID	Bosch
Diagnostic Variant ID	41
ECU Serial Number	54 46 31 31 36 33 33 31 30 4A 31 38 38 31 30
System Supplier ECU Software Number	V230
ECU Part Number	68488429AB
Active Diagnostic Session Data Identifier	Extended Diagnostic Session
System Supplier ECU Hardware Number	6002JE1371
System Supplier ECU Software Version Number	969
System Supplier ECU Hardware Version Number	5

TBM2 DETAILS

NAME	VALUE
Network Connection Status	Connected
IMEI (International Mobile Equipment Identity) Number	[redacted]
SIM identifier ICCID (Integrated Circuit Card Identifier)	[redacted]
MSD	—
MSD Index	—
Network Registration Status	Registered to HOME NETWORK

Radio Access Technology	4G
Number of Characters in Battery Serial Number	—
Number of Batteries	—
Battery Serial Number	—
MSISDN (Mobile Subscriber ISDN) Number	15248473944
IMSI (International Mobile Subscriber Identity) Number	[redacted]
Active Diagnostic Variant	41
Active Diagnostic Version	04
ECU Serial Number	[redacted]
ECU Part Number	68546266AB
Software Part Number	52199750
Body Style	SNA
Country Code	USA
Model Year	2021
Vehicle Line	RU
VIN Current	[redacted]
Hardware Supplier Identification	0030
Software - Week	42
Software - Year	2020
Software - Patch Level	5C
Hardware Part Number	52154506
Hardware - Week	14
Hardware - Patch Level	02
Hardware - Year	2019
VIN Original	[redacted]
Software Logical Block Supplier Identification	Magneti Marelli



FREEZE FRAME REPORT

Vehicle 2021 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
VIN [redacted]

Odometer 4661.7 miles
Publication Date Jul 28, 2021, 1:36:34 PM

FREEZE FRAME DATA

Carb

CODE: P1E09 | ECU: PCM

NAME	VALUE	UNITS
Barometric Pressure	15	PSI
Throttle Flow Adaptive	-0.463	g/s
Commanded EGR Duty Cycle	0.0	%
PCM Mileage Since MIL On	0.0000	miles
Phi Adaption Value	0.00000	Mult
MAP	14	PSI
Short Term Fuel Trim - Bank 2	-6.3	%
Calculated MAP	13.7	PSI
Throttle Outlet Temp	-40.00	°F
Ethanol Gas For Sure	No	
Freeze Frame Engine Coolant Temp	205	°F
APP 2 Voltage	0.2004	Volts
Brake Switch 2	Released	
Purge Solenoid Current	0.000	mA
Ethanol Trigger On Fuel Vol Fault	No	
TPS 1 Voltage	0.9931	Volts
Short Term Fuel Trim - Bank 1	-7.0	%
Fuel Type Being Used	Gasoline	
Battery Voltage	14.3298	Volts
Freeze Frame DTC Priority	01	
ETC Motor Directional Duty Cycle	14.2	%DC
Catalyst Temp	1027	°F
Control Module Volts	14.237	V
Time Since Run / Start	1378	seconds
Air Charge Temp - Bank 2	-40.00	°F
TPS 2 Voltage	3.9796	Volts
APP Pedal Percent	0.00	%
Brake Switch Pressed	No	

Alcohol Fuel Percent	0.00	%
Potential Torque	102.65	Ft-Lbs
EGR Error	0.00000	
Brake Switch 1	Released	
Intake Air Charge Temp	158.00	°F
Commanded Throttle Actuator Control	9.8	%
Long Term Fuel Trim - Bank 2	-3.9	%
Purge Duty Cycle	0.0	%
Throttle Flow Multiplicative Adaptive	0.00119	Mult
Engine RPM	1088.00	rpm
Ethanol Fine Tune Complete Prev	No	
Fuel Level Percent	82.7	%
Commanded Equivalence Ratio	1.00	
Low Ethanol Therm Mgmnt Flag	No	
Fuel Rail Pressure	0	PSI
Engine Load	47.8	%
Freeze Frame Caused by DTC	1E 09	
Mass Airflow Rate	0.00	g/s
Air Charge Temp - Bank 1	-40.00	°F
ETC Motor Duty Cycle	14.2	%DC
Ignition Run/Start Switch	On	
APP 1 Voltage	0.4155	Volts
Absolute Load Value	37	%
Low Ethanol PWR Enrich Flag	No	
Freeze Frame MAP Vacuum	1.65	in Hg
Long Term Fuel Trim - Bank 1	-3.9	%
PCM Odometer	4644.8640	miles
Ambient Air Temperature	138	°F
MAP Voltage	4.18	Volts
AC Clutch	Disengaged	
AC Switch	On	
Cooled EGR Temp	-40	deg C/s
Vehicle Speed	2	MPH
Actual Torque	93.60	Ft-Lbs
H-Bridge Circuit	Enable	
Current Adaptive Cell ID	19	
Fuel Tank Pressure	2478.00	Pa
Spark Advance	29.0	degrees
Fuel Rail Pressure	57	PSI
Relative Throttle Position	9.8	%

Freeze Frame #1

CODE: P1E09 | ECU: PCM

NAME	VALUE	UNITS

Current Adaptive Cell ID	19	
MAP	14	PSI
Time Since Run / Start	1378	seconds
Long Term Fuel Trim - Bank 2	-3.9	%
Air Charge Temp - Bank 2	-40	°F
Air Charge Temp - Bank 1	-40	°F
Catalyst Temp	1027	°F
Calculated MAP	13.7	PSI
Alcohol Fuel Percent	0.00	%
Actual Torque	93.60	Ft-Lbs
Fuel Type Being Used	Gasoline	
Short Term Fuel Trim - Bank 2	-6.3	%
Throttle Flow Adaptive	-0.463	g/s
Cooled EGR Temp	-40	deg C/s
EGR Error	-100.0	%
Phi Adaption Value	0.00000	Mult
Relative Throttle Position	9.80	%
Commanded Throttle Actuator Control	9.80	%
Throttle Outlet Pressure	14	PSI
Ethanol Fine Tune Complete Prev	No	
APP 1 Voltage	0.4155	Volts
Purge Solenoid Current	0.000	mA
Low Ethanol Therm Mgmnt Flag	No	
Barometric Pressure	15	PSI
Absolute Load Value	37	%
Potential Torque	102.65	Ft-Lbs
APP 2 Voltage	0.2004	Volts
Brake Switch 1	Released	
MAP Voltage	4.18	Volts
Vehicle Speed	2	MPH
Ethanol Gas For Sure	No	
TPS 2 Voltage	3.9796	Volts
Purge Duty Cycle	0.0	%
PCM Mileage Since MIL On	0.0000	miles
AC Clutch	Disengaged	
Ethanol Trigger On Fuel Vol Fault	No	
Mass Airflow Rate	0.00	g/s
Throttle Outlet Temp	-40	°F
AC Switch	On	
Throttle Flow Multiplicative Adaptive	0.00119	Mult
Commanded EGR Duty Cycle	0.00	%
Battery Voltage	14.3298	Volts
Engine Load	47.8	%
Ignition Run/Start Switch	On	

Brake Switch Pressed	No	
Intake Air Charge Temp	158	°F
MAP - Bank 2	14	PSI
Ambient Air Temperature	138	°F
Vacuum	1.65	in Hg
Engine RPM	1088.00	rpm
Spark Advance	29.0	degrees
Freeze Frame Caused by DTC	1E 09	
MAP - Bank 1	14	PSI
Fuel Rail Pressure	57	PSI
Long Term Fuel Trim - Bank 1	-3.9	%
ETC Motor Duty Cycle	14.2	%DC
Fuel Level Percent	82.7	%
Low Ethanol PWR Enrich Flag	No	
Fuel Tank Pressure	2478.00	Pa
Engine Coolant Temperature	205	°F
Intermediate MAP	14	PSI
Commanded Equivalence Ratio	1.00	
APP Pedal Percent	0.00	%
H-Bridge Circuit	Enable	
TPS 1 Voltage	0.9931	Volts
Freeze Frame DTC Priority	01	
Short Term Fuel Trim - Bank 1	-7.0	%
Control Module Volts	14.237	Volts
Brake Switch 2	Released	
Fuel Rail Pressure	0	PSI
ETC Motor Directional Duty Cycle	14.2	%DC
PCM Odometer	4644.8640	miles

Freeze Frame #2

CODE: P0138 | ECU: PCM

NAME	VALUE	UNITS
Ethanol Trigger On Fuel Vol Fault	No	
Ignition Run/Start Switch	On	
Throttle Outlet Temp	-40	°F
Fuel Rail Pressure	0	PSI
APP 1 Voltage	0.9238	Volts
Intermediate MAP	13	PSI
Battery Voltage	14.2681	Volts
TPS 1 Voltage	0.9919	Volts
Current Adaptive Cell ID	08	
Time Since Run / Start	1383	seconds
Cooled EGR Temp	-40	deg C/s
Intake Air Charge Temp	156	°F

AC Clutch	Disengaged	
Engine Coolant Temperature	205	°F
MAP	13	PSI
Actual Torque	99.65	Ft-Lbs
Fuel Type Being Used	Gasoline	
Throttle Flow Adaptive	-0.463	g/s
Control Module Volts	14.190	Volts
Brake Switch 1	Released	
Throttle Flow Multiplicative Adaptive	0.00119	Mult
Potential Torque	109.35	Ft-Lbs
MAP Voltage	4.08	Volts
Air Charge Temp - Bank 1	-40	°F
Freeze Frame Caused by DTC	01 38	
Commanded Throttle Actuator Control	9.80	%
Fuel Tank Pressure	2478.00	Pa
H-Bridge Circuit	Enable	
ETC Motor Directional Duty Cycle	17.3	%DC
PCM Mileage Since MIL On	0.0000	miles
MAP - Bank 1	13	PSI
Absolute Load Value	39	%
ETC Motor Duty Cycle	17.3	%DC
Relative Throttle Position	9.41	%
Vehicle Speed	2	MPH
Ambient Air Temperature	138	°F
Throttle Outlet Pressure	13	PSI
Low Ethanol PWR Enrich Flag	No	
Long Term Fuel Trim - Bank 1	-3.9	%
APP Pedal Percent	8.81	%
Air Charge Temp - Bank 2	-40	°F
EGR Error	-100.0	%
Short Term Fuel Trim - Bank 1	-0.8	%
Spark Advance	22.0	degrees
Commanded EGR Duty Cycle	0.00	%
Brake Switch Pressed	No	
Commanded Equivalence Ratio	1.00	
AC Switch	On	
Freeze Frame DTC Priority	01	
Vacuum	2.24	in Hg
Long Term Fuel Trim - Bank 2	-4.7	%
Low Ethanol Therm Mgmnt Flag	No	
Purge Duty Cycle	0.0	%
PCM Odometer	4644.8640	miles
Brake Switch 2	Released	
Purge Solenoid Current	0.000	mA

APP 2 Voltage	0.4644	Volts
TPS 2 Voltage	3.9845	Volts
Ethanol Gas For Sure	No	
Barometric Pressure	15	PSI
Catalyst Temp	1029	°F
Fuel Rail Pressure	57	PSI
Mass Airflow Rate	0.00	g/s
Ethanol Fine Tune Complete Prev	No	
Alcohol Fuel Percent	0.00	%
Engine RPM	1112.00	rpm
Fuel Level Percent	80.8	%
Engine Load	51.8	%
Phi Adaption Value	0.00000	Mult
Short Term Fuel Trim - Bank 2	-2.3	%
Calculated MAP	13.4	PSI
MAP - Bank 2	13	PSI

No Freeze Frame #3 data available

No MisFire data available

Most Recent DTC

CODE: P0138 | ECU: PCM

NAME	VALUE	UNITS
Intermediate MAP	13	PSI
MAP Voltage	4.08	Volts
Freeze Frame DTC Priority	01	
H-Bridge Circuit	Enable	
Relative Throttle Position	9	%
Throttle Flow Multiplicative Adaptive	0.00119	Mult
Vehicle Speed	2	MPH
APP 2 Voltage	0.4644	Volts
Ethanol Gas For Sure	No	
Short Term Fuel Trim - Bank 2	-2.3	%
Commanded Equivalence Ratio	1.00	
PCM Mileage Since MIL On	0.0000	miles
TPS 1 Voltage	0.9919	Volts
Cooled EGR Temp	-40	deg C/s
MAP - Bank 1	13	PSI
Battery Voltage	14.2681	Volts
AC Switch	On	
Brake Switch Pressed	No	
Engine Coolant Temperature	205	°F
Catalyst Temp	1029	°F
MAP	13	PSI

Engine Load	51.8	%
Throttle Outlet Pressure	13	PSI
Engine RPM	1112.00	rpm
Freeze Frame Caused by DTC	01 38	
Potential Torque	109.35	Ft-Lbs
Ethanol Fine Tune Complete Prev	No	
TPS 2 Voltage	3.9845	Volts
AC Clutch	Disengaged	
ETC Motor Directional Duty Cycle	17.3	%DC
Fuel Type Being Used	Gasoline	
Mass Airflow Rate	0.00	g/s
MAP - Bank 2	13	PSI
Absolute Load Value	39	%
Low Ethanol Therm Mgmnt Flag	No	
Fuel Rail Pressure	57	PSI
Fuel Tank Pressure	2478.00	Pa
Long Term Fuel Trim - Bank 1	-3.9	%
Calculated MAP	13.4	PSI
Vacuum	2.24	in Hg
Fuel Level Percent	80.8	%
ETC Motor Duty Cycle	17.3	%DC
Purge Solenoid Current	0.000	mA
Commanded Throttle Actuator Control	10	%
Fuel Rail Pressure	0	PSI
Actual Torque	99.65	Ft-Lbs
Air Charge Temp - Bank 1	-40	°F
Long Term Fuel Trim - Bank 2	-4.7	%
EGR Error	0.00000	
Time Since Run / Start	1383	seconds
Brake Switch 2	Released	
Ambient Air Temperature	138	°F
APP 1 Voltage	0.9238	Volts
Alcohol Fuel Percent	0.00	%
Short Term Fuel Trim - Bank 1	-0.8	%
Control Module Volts	14.190	Volts
Purge Duty Cycle	0.0	%
Ignition Run/Start Switch	On	
Throttle Outlet Temp	-40	°F
Brake Switch 1	Released	
Phi Adaption Value	0.00000	Mult
Commanded EGR Duty Cycle	0	%
Current Adaptive Cell ID	08	
PCM Odometer	4644.8640	miles
Intake Air Charge Temp	156	°F

Low Ethanol PWR Enrich Flag	No	
Barometric Pressure	15	PSI
Ethanol Trigger On Fuel Vol Fault	No	
APP Pedal Percent	8.81	%
Spark Advance	22.0	degrees
Air Charge Temp - Bank 2	-40	°F
Throttle Flow Adaptive	-0.463	g/s

VEHICLE HEALTH REPORT

Vehicle 2021 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
VIN [redacted]

Odometer 4633.8 miles
Publication Date Jul 21, 2021, 10:55:40 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
PCM	Powertrain Control Module	CAN-C	68499122AE	[redacted]		68499122AE
PLGM	Power Liftgate	CAN-I	68466171AF			68466171AF
ICS	Integrated Center Stack	CAN-I	7AS341X8AA			7AS341X8AA
RFH	Radio Frequency Hub	CAN-C	68500152AA			68500152AA
ESM	Electronic Shifter	CAN-C	68240089AM			68240089AM
ORC	Occupant Restraint	CAN-C	68480710AC			68480710AC
EPS	Electric Power Steering	CAN-C	68460392AA			68460392AA
HVAC	Heat, Ventilation and A/C	CAN-I	68493454AE			68493454AE
DDM	Driver Door Module	CAN-I	68496461AB			68496461AB
PDM	Passenger Door Module	CAN-I	68496460AB			68496460AB
DMRL	Door Module Rear Left	CAN-I	68508894AB			68508894AB
DMRR	Door Module Rear Right	CAN-I	68508894AB			68508894AB
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AD			68369596AD
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AD			68369596AD
MSM	Memory Seat Module	CAN-I	68321862AC			68321862AC
CSWM	Comfort Seat Wheel Module	CAN-I	68517013AB			68517013AB
AMP	Amplifier	CAN-I	68448067AA			68448067AA
IPC	Instrument Panel Cluster	CAN-C	68434960AE			68434960AE
PTS	Parktronics	CAN-C	68485862AA			68485862AA

SCCM	Steering Column Control Module	CAN-C	68360889AD		68360889AD
BCM	Body Controller	CAN-C	68491085AG		68491085AG
ACC	Adaptive Cruise Control	CAN-C	68540436AA		68540436AA
RADIO	Radio	CAN-I	68465292AC		68465292AC
OCM	Occupant Classification	CAN-C	68403127AA		68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB		68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB		04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB		04672786AB
FFCM	Forward Facing Camera Module	CAN-C	68493395AA		68493395AA
EDM	External Disc Module	CAN-I	68499745AA		68499745AA
APM	Accessory Power Module	CAN-C	05185046AB		05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193183AE		05193183AE
HCP	Hybrid Control Processor	CAN-C	05185116AH		05185116AH
OBCM	On Board Charging Module	CAN-C	05185047AE		05185047AE
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC		68321862AC
DSM	Display Screen Module	CAN-I	68437339AD		68437339AD
VRM	Video Routing Module	CAN-I	68493702AA		68493702AA
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30DX9AA		6WL30DX9AA
CVPM	Central vision processing module	CAN-I	56029920AB		56029920AB
EAC	Electric A/C Compressor	CAN-C	68237995AG		68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05185117AH		05185117AH
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB		68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD		68471122AD
SGW	Security Gateway Module	CAN-C	68488429AB		68488429AB
TBM2	Telematic Box Module 2	CAN-C	68546266AB		68546266AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS

PCM	USA	1B 47	75 01 01	4422	F2DB13B9
PLGM	USA	0	5269	000200000031	
ICS	USA	0F 0C 00	13 31 01	4700	
RFH	USA / USA	10 17 00	13 26 00	4A00	
ESM	USA / USA	0F 24 00	12 28 FF	4402	
ORC	USA / USA	12 1A 00	13 2E 00	4301	
EPS	USA / USA	12 2A 00	12 1E 01	4502	
HVAC	USA	0E 09 00	14 2F 01	4401	
DDM	USA	11 07 00	14 07 00	4202	
PDM	USA	11 07 00	14 07 00	4202	
DMRL	USA / USA	10 0B 00	14 08 00	4201	
DMRR	USA / USA	10 0B 00	14 08 00	4201	
PSDML	USA / USA	10 17 00	14 10 12	4001	
PSDMR	USA / USA	10 17 00	14 10 12	4001	
MSM	USA	0F 2B 00	10 27 03	4101	
CSWM	USA	11 2A 00	14 25 00	4302	
AMP	USA	0F 06 01	12 2E 01	4021	
IPC	USA / USA	12 06 00	14 2B 00	4705	
PTS	USA	0E 32 00	14 07 00	4311	
SCCM	USA	13 28 00	13 29 00	4301	
BCM	USA	0D 11 00	14 26 90	4420	
ACC	USA / USA	14 12 01	14 26 01	4400	
RADIO		65	5175	000200000008	
OCM	USA / USA	11 1F 01	0E 2F 02	4030	
HVACR	USA	0E 09 00	10 03 02	4301	
LBSS	USA / USA	11 30 02	12 0D 00	4202	
RBSS	USA / USA	11 30 02	12 0D 00	4202	
FFCM	USA / USA	11 06 00	13 1E 00	4102	
EDM	USA	12 0A 00	11 08 00	4000	
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM	Not programmed / COUNTRY_SNA	0E 03 00	14 2C 00	4005	79855957
HCP	USA	11 1F 04	0F 2D 00	4006	879F1587 D754327D 050DC953
OBCM	USA	0F 0D 00	12 02 00	4002	
MSMP	USA	0F 2B 00	10 27 03	4001	
DSM	USA / USA	14 0C 00	14 28 00	4300	
VRM	USA / USA	0F 1C 00	14 1E 14	4001	
RCCC	USA	0F 1D 00	13 04 00	4000	
CVPM	USA / USA	11 27 01	14 0C 01	4004	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1F 04	0F 2D 00	4000	
EBBM	USA	0E 19 02	14 0D 18	4000	E5898FA5
ABSO	USA	0E 15 02	14 1B 26	4201	4F158D1B
SGW		5	969	4103	

TBM2	USA	13 0E 02	14 2A 5C	4104	

FLASHES

PLGM | 2021 RU PLGM NAFTA

Applicable Bulletins

FLASH #	TYPE	RRT #	DESCRIPTION
08-097-21	TSB		Flash: Power Liftgate Module (PLGM) Enhancements

DSM | 2021 RU DSM / DCSD 10.1 W/CHROME BEZEL NAFTA

Applicable Bulletins

FLASH #	TYPE	RRT #	DESCRIPTION
08-104-21	TSB		Flash: Display Screen Module (DSM) System Updates

RRTS

RRT #	DESCRIPTION	STATUS
21-063	2021 RU PHEV PCM UPDATE	Complete
21-062	2021 RU PHEV HCP AND AHCP UPDATE	Complete

RECALLS

RECALL #	DESCRIPTION	STATUS

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
PLGM	B1975-00	Power Liftgate Latch Cinch - Ratchet Secondary Switch Performance-	Stored
HCP	P0A3C-00	Drive Motor A Inverter Over Temperature-	Stored
HCP	P0A3D-00	Drive Motor B Inverter Over Temperature-	Stored
HCP	P0CEA-00	Hybrid/EV Electronics Coolant Pump "A" Performance-	Stored
HCP	U0623-00	Lost Communication with Coolant Pump "A"-	Stored

ENVIRONMENTAL DATA SUMMARY

PLGM | B1975-00 | Stored | Power Liftgate Latch Cinch - Ratchet Secondary Switch Performance-

NAME	VALUE	UNITS

HCP | P0A3C-00 | Stored | Drive Motor A Inverter Over Temperature-

NAME	VALUE	UNITS
DTC	0A 3C 00	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Failed	False	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	

Test Not Completed This Operation Cycle	False	
Occurrence flag	Occurrence	
Warning Indicator Requested	False	
PHEV Charging Status	No Charging	
Brake Switch Status	Not Applied	
PRND Position Display	D	
Ignition State	Reserved	
Propulsion System Active	True	
Motor A Phase U Short Fault - High-Side	False	
Motor A Phase U Thermal Warning Fault - High-Side	False	
Motor A Phase U Over Current Fault - High-Side	False	
Motor A Phase U Cross Conduction Fault - High-Side	False	
Motor A Phase U SPI Error Fault - High-Side	False	
Motor A Phase U Short Fault - Low-Side	False	
Motor A Phase U Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor A Phase U Hardware Error 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 Over Current Fault - Low-Side	False	
Motor A Phase U Thermal Shutdown Fault - Low-Side	False	
Motor A Phase U Cross Conduction Fault - Low-Side	False	
Motor A Phase V Short Fault - High-Side	False	
Motor A Phase U Hardware Error Fault - Low-Side	False	
Motor A Phase U Thermal Warning Fault - Low-Side	False	
Motor A Phase U SPI Error Fault - Low-Side	False	
Motor A Phase V Cross Conduction Fault - High-Side	False	
Motor A Phase V Thermal Warning Fault - High-Side	False	
Motor A Phase V Comm Error High Voltage Regulator Fault - High-Side	False	
Motor A Phase V Over Current 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 Thermal Shutdown Fault - High-Side	False	
Motor A Phase V Cross Conduction 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 Hardware Error Fault - Low-Side	False	
Motor A Phase V Hardware Error Fault - High-Side	False	
Motor A Phase W Over Current Fault - High-Side	False	
Motor A Phase W Thermal Shutdown Fault - High-Side	False	
Motor A Phase V Over Current Fault - Low-Side	False	
Motor A Phase W Thermal Warning Fault - High-Side	False	
Motor A Phase V Short Fault - Low-Side	False	
Motor A Phase V SPI Error Fault - Low-Side	False	
Motor A Phase W Short Fault - Low-Side	False	

Motor A Phase W SPI Error Fault - High-Side	False	
Motor A Phase W Short Fault - High-Side	False	
Motor A Phase W Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor A Phase W Hardware Error Fault - High-Side	False	
Motor A Phase W Cross Conduction Fault - Low-Side	False	
Motor A Phase W Thermal Warning Fault - Low-Side	False	
Motor A Phase W Hardware Error 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 Over Current Fault - Low-Side	False	
Motor A Phase W Thermal Shutdown Fault - Low-Side	False	
Hybrid System State	Propulsion System Active	
Inverter B Status Feedback	Normal On	
HV Contactor Status	Closed	
CBC Wake-Up Input	Off	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HCP ePT Wake-Up Output	On	
HCP System Shutdown Command	Default	
APM Status	Buck CV	
Impact Event	False	
J1772 Prox Detected State	Prox Out	
OBCM Operating Mode	UTC	
Inverter Status Feedback	Normal On	
Commanded Inverter A State	Torque Control	
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 Over Voltage Fault VL - High-Side	False	
Motor A Phase V Under Voltage Fault VH - High-Side	False	
Motor A Phase V Under Voltage Fault VL - 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 Under Voltage Fault VL - 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 Comm Error Low Voltage Regulator Fault - 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 Over Voltage Fault VH - Low-Side	False	
Motor A Phase V Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor A Phase W Cross Conduction Fault - 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 VL - High-Side	False	
Motor A Phase W Under Voltage Fault VL - 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 VDD - High-Side	False	
Motor A Phase W Over Voltage Fault VL - Low-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 VDD - Low-Side	False	
Motor A Phase W Under Voltage Fault VL - 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	Normal On	
RAM stamps keyOn	30	sec
Original Odometer Value	4631.5	miles
Real time clock	19960796	sec
Frequency Counter	1	
Most Recent Odometer Value	4631.5	miles
RAM Stamps	58692	Min
HV Battery SOC	24	%
Ignition Cycle Counter	0	
Accelerator Pedal Position	0	%
Engine Speed	1403	rpm
Electric Motor A Speed	2766.5	rpm
Actual Torque - Motor A	-16.224	Ft-Lbs
Vehicle Speed	22.4859	MPH
Inverter A Input DC Current	-8.3	AMP
Available Motor Torque - Motor A	87.205	Ft-Lbs
Motor A - Inverter Current - phase A	72	AMP
Motor A Resolver Supply Voltage Value	15.75	Volts
Motor A - Inverter Current - phase B	-68	AMP
Engine Coolant Temperature	167	°F
Barometric Pressure	15	PSI

Low Temp Active Pump Speed	0	rpm
Motor A - Inverter Current - phase C	-8	AMP
Battery Feed Voltage 2 Sense	14.184	Volts
Battery Feed Voltage 3 Sense	14.040	Volts
Internal EPS Voltage Sense B	8.136	Volts
PIM DC Link Voltage - A	339	Volts
Internal EPS Voltage Sense A	8.208	Volts
High Temp Aux Pump - Actual Speed	5976	rpm
Battery Feed Voltage 1 Sense	14.184	Volts
Actual Torque - Motor B	28.669	Ft-Lbs
Outside Air Temperature	89.6	°F
Commanded Torque - Motor A	-16.316	Ft-Lbs
PIM DC Link Voltage - B	337	Volts
Passive Pump Coolant Temp In Sensor	97	°F
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Motor B - Inverter Current - phase A	-20	AMP
Available Regen Torque - Motor B	-235.988	Ft-Lbs
Commanded Torque - Motor B	28.208	Ft-Lbs
Available Motor Torque - Motor B	235.988	Ft-Lbs
HV Battery Voltage from BPCM	337.50	Volts
Motor B - Inverter Current - phase C	56	AMP
Motor B Resolver Angle	136	Degree
Motor B Temp Sensor	153	°F
Inverter A IGBT Temperature for phase A	237	°F
Motor B - Inverter Current - phase B	-40	AMP
Inverter B IGBT Temperature for phase A	239	°F
Electric Motor B Speed	2480.0	rpm
Inverter A IGBT Temperature for phase B	241	°F
Inverter B IGBT Temperature for phase C	226	°F
Inverter A IGBT Temperature for phase C	232	°F
Distance Travelled with Light ON	0	miles
Inverter B IGBT Temperature for phase B	237	°F
GPS Date - Year	2021	Year
GPS Date - Month	7	
Motor B Torque	28.669	Ft-Lbs
HV Battery Sleep Time	0	Days
Motor A Torque	-16.224	Ft-Lbs
ECU Time - Milliseconds	300	ms
UTC Time - Minutes	57	
GPS Date - Day	20	Days
UTC Time - Seconds	1	seconds
UTC Time - Hours	22	Hours

HCP | P0A3D-00 | Stored | Drive Motor B Inverter Over Temperature-

NAME	VALUE	UNITS
Test Failed This Operation Cycle	False	
DTC	0A 3D 00	
Test Not Completed Since Last Clear	False	
Pending DTC	False	
Confirmed DTC	True	
Test Failed	False	
Test Not Completed This Operation Cycle	False	
Test Failed Since Last Clear	True	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
PHEV Charging Status	No Charging	
Ignition State	Reserved	
Brake Switch Status	Applied	
PRND Position Display	P	
Propulsion System Active	True	
Commanded Inverter B State	Torque Control	
Motor B Phase U Short Fault - High-Side	False	
Inverter B Status Feedback	Normal On	
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 Cross Conduction Fault - Low-Side	False	
Motor B Phase U Over Current Fault - Low-Side	False	
Motor B Phase U Short Fault - Low-Side	False	
Motor B Phase U Thermal Warning 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 V Short Fault - High-Side	False	
Motor B Phase U Thermal Shutdown Fault - Low-Side	False	
Motor B Phase V Cross Conduction Fault - High-Side	False	
Motor B Phase U Hardware Error Fault - Low-Side	False	
Motor B Phase U SPI Error Fault - Low-Side	False	
Motor B Phase V Thermal Shutdown 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 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 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 Low Voltage Regulator Fault - High-Side	False	
Motor B Phase W SPI Error Fault - High-Side	False	
Motor B Phase W Short Fault - High-Side	False	
Motor B Phase W Comm Error High Voltage Regulator Fault - High-Side	False	
Motor B Phase W Over Current Fault - Low-Side	False	
Motor B Phase W Short 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 Hardware Error Fault - High-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 Cross Conduction Fault - Low-Side	False	
Motor B Phase W Hardware Error Fault - Low-Side	False	
Motor B Phase W SPI Error Fault - Low-Side	False	
Hybrid System State	Propulsion System Active	
EPT LOC Diag Enable	Enable Limited LOC Diagnostic	
HV Contactor Status	Closed	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	On	
APM Status	Buck CV	
Impact Event	False	
HCP System Shutdown Command	Default	
OBCM Operating Mode	UTC	
Motor B Phase U Over Current Fault - High-Side	False	
J1772 Prox Detected State	Prox Out	
Motor B Phase U Over Voltage Fault VL - High-Side	False	
Motor B Phase U Under Voltage Fault VH - High-Side	False	
Motor B Phase U Over Voltage Fault VH - 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 VL - High-Side	False	
Motor B Phase U Under Voltage Fault VDD - High-Side	False	
Motor B Phase U Over Voltage Fault VL - Low-Side	False	

Motor B Phase U Under Voltage Fault VH - Low-Side	False	
Motor B Phase U Over Voltage Fault VDD - High-Side	False	
Motor B Phase V Over Voltage Fault VL - High-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 Under Voltage Fault VH - High-Side	False	
Motor B Phase V Over Voltage Fault VH - 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 Over Voltage Fault VH - Low-Side	False	
Motor B Phase V Over Voltage Fault VL - Low-Side	False	
Motor B Phase V Under Voltage Fault VDD - High-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 V Under Voltage Fault VH - Low-Side	False	
Motor B Phase W Over Voltage Fault VDD - High-Side	False	
Motor B Phase W Under Voltage Fault VH - High-Side	False	
Motor B Phase W Over Voltage Fault 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 VH - Low-Side	False	
Motor B Phase W Under Voltage Fault VDD - High-Side	False	
Motor B Phase W Thermal Shutdown Fault - High-Side	False	
Motor B Phase W Under Voltage Fault VH - Low-Side	False	
Motor B Phase W Under Voltage Fault VL - Low-Side	False	
Motor B Phase W Over 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	
Ignition Cycle Counter	0	
Original Odometer Value	4631.5	miles
Most Recent Odometer Value	4632.2	miles
Engine Speed	1394	rpm
RAM Stamps	58697	Min
Accelerator Pedal Position	0	%
HV Battery SOC	24	%
Vehicle Speed	0.0000	MPH
Barometric Pressure	15	PSI
Engine Coolant Temperature	205	°F
RAM stamps keyOn	0	sec
Real time clock	19961176	sec
Actual Torque - Motor B	-12.353	Ft-Lbs
Available Motor Torque - Motor B	232.670	Ft-Lbs

Frequency Counter	2	
Motor B - Inverter Current - phase B	20	AMP
Motor B - Inverter Current - phase C	8	AMP
Electric Motor B Speed	3.0	rpm
Inverter B Input DC Current	3.6	AMP
Internal EPS Voltage Sense A	8.208	Volts
Battery Feed Voltage 2 Sense	14.184	Volts
Motor B Resolver Supply Voltage Value	15.75	Volts
Motor B - Inverter Current - phase A	-32	AMP
Internal EPS Voltage Sense B	8.136	Volts
Actual Torque - Motor A	-9.771	Ft-Lbs
Battery Feed Voltage 1 Sense	14.184	Volts
Available Regen Torque - Motor A	-85.730	Ft-Lbs
Available Motor Torque - Motor A	85.730	Ft-Lbs
Battery Feed Voltage 3 Sense	14.040	Volts
Commanded Torque - Motor A	-9.771	Ft-Lbs
Available Regen Torque - Motor B	-232.670	Ft-Lbs
Motor A - Inverter Current - phase A	52	AMP
Motor A - Inverter Current - phase B	-32	AMP
Motor A - Inverter Current - phase C	-28	AMP
Motor A Temp Sensor	149	°F
Motor A Resolver Angle	116	Degree
Commanded Torque - Motor B	-12.353	Ft-Lbs
Outside Air Temperature	89.6	°F
PIM DC Link Voltage - A	341	Volts
Inverter A IGBT Temperature for phase A	241	°F
PIM DC Link Voltage - B	339	Volts
HV Battery Voltage from BPCM	339.90	Volts
Inverter B IGBT Temperature for phase C	216	°F
Electric Motor A Speed	5796.0	rpm
Inverter B IGBT Temperature for phase A	239	°F
Inverter A IGBT Temperature for phase B	246	°F
Inverter A IGBT Temperature for phase C	232	°F
Motor B Torque	-12.353	Ft-Lbs
Distance Travelled with Light ON	0	miles
Motor A Torque	-9.771	Ft-Lbs
Inverter B IGBT Temperature for phase B	235	°F
HV Battery Sleep Time	0	Days
GPS Date - Year	2021	Year
UTC Time - Seconds	0	seconds
UTC Time - Hours	23	Hours
UTC Time - Minutes	4	
GPS Date - Month	7	
GPS Date - Day	20	Days

ECU Time - Milliseconds	531	ms

HCP | P0CEA-00 | Stored | Hybrid/EV Electronics Coolant Pump "A" Performance-

NAME	VALUE	UNITS
Confirmed DTC	True	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Occurrence flag	Occurrence	
Warning Indicator Requested	True	
Test Not Completed This Operation Cycle	False	
Test Failed	False	
DTC	0C EA 00	
Brake Switch Status	Not Applied	
PRND Position Display	D	
PHEV Charging Status	No Charging	
Propulsion System Active	True	
Ignition State	Reserved	
Low Temp Passive Pump - RPM Monitoring	Rotation Monitoring Active	
Low Temp Passive Pump - Over Temperature	No Over temperature	
Low Temp Passive Pump - Dry Run	No Dry Run Detected	
Low Temp Passive Pump - Voltage Error	Supply Voltage in Specified Range (Vbatt less than 20V)	
Low Temp Passive Pump - Over Current	No Over Current	
Low Temp Passive Pump - Fail Safe	Fail Safe Activated	
Low Temp Passive Pump - Deblocking	Deblocking not Active	
Low Temp Passive Pump - Limp Home	False	
Response Error	No Error	
Low Temp Passive Pump - Post Running Mode Status	No Post Running	
Hybrid System State	Propulsion System Active	
CBC Wake-Up Input	Off	
HCP ePT Wake-Up Output	On	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Closed	
Impact Event	False	
HCP System Shutdown Command	Default	
APM Status	Buck CV	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Frequency Counter	1	
Engine Speed	0	rpm
Original Odometer Value	4631.0	miles
Accelerator Pedal Position	0	%
HV Battery SOC	26	%

RAM stamps keyOn	0	sec
RAM Stamps	58684	Min
Real time clock	19959166	sec
Most Recent Odometer Value	4631.0	miles
Ignition Cycle Counter	0	
Low Temp Passive Pump - Voltage	12.0	Volts
Engine Coolant Temperature	163	°F
Barometric Pressure	15	PSI
Low Temp Passive Pump - Actual Speed	192	rpm
Low Temp Passive Pump - Temperature	77	°F
Low Temp Passive Pump - Target Speed	504	rpm
Vehicle Speed	5.7234	MPH
Passive Pump Coolant Temp In Sensor	117	°F
Low Temp Passive Pump - Current	2.0	AMP
PIM DC Link Voltage - B	337	Volts
Actual Torque - Motor A	0.184	Ft-Lbs
PIM DC Link Voltage - A	339	Volts
Battery Feed Voltage 2 Sense	14.184	Volts
Actual Torque - Motor B	80.199	Ft-Lbs
Electric Motor A Speed	-781.0	rpm
Electric Motor B Speed	642.0	rpm
Internal EPS Voltage Sense A	8.208	Volts
Internal EPS Voltage Sense B	8.136	Volts
Battery Feed Voltage 3 Sense	14.040	Volts
Available Regen Torque - Motor B	-235.988	Ft-Lbs
Available Motor Torque - Motor A	87.205	Ft-Lbs
Available Motor Torque - Motor B	235.988	Ft-Lbs
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Motor B - Inverter Current - phase A	120	AMP
Motor A - Inverter Current - phase A	0	AMP
Motor A - Inverter Current - phase B	-4	AMP
Battery Feed Voltage 1 Sense	14.184	Volts
Commanded Torque - Motor B	79.462	Ft-Lbs
Motor A Resolver Angle	124	Degree
Motor A - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase B	4	AMP
Outside Air Temperature	89.6	°F
Motor B - Inverter Current - phase C	-132	AMP
Motor A Temp Sensor	145	°F
Motor B Resolver Angle	266	Degree
Inverter B IGBT Temperature for phase A	145	°F
HV Battery Voltage from BPCM	338.10	Volts
Motor B Temp Sensor	160	°F

Inverter A IGBT Temperature for phase B	136	°F
Inverter B IGBT Temperature for phase C	145	°F
Distance Travelled with Light ON	0	miles
Inverter A IGBT Temperature for phase C	136	°F
Inverter A IGBT Temperature for phase A	138	°F
Motor B Torque	80.199	Ft-Lbs
GPS Date - Year	2021	Year
HV Battery Sleep Time	0	Days
Inverter B IGBT Temperature for phase B	144	°F
Motor A Torque	0.184	Ft-Lbs
ECU Time - Milliseconds	569	ms
UTC Time - Hours	22	Hours
GPS Date - Month	7	
UTC Time - Seconds	0	seconds
GPS Date - Day	20	Days
UTC Time - Minutes	30	

HCP | U0623-00 | Stored | Lost Communication with Coolant Pump "A"-

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Test Failed Since Last Clear	True	
Confirmed DTC	True	
Occurrence flag	Occurrence	
Test Not Completed Since Last Clear	False	
DTC	C6 23 00	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Ignition State	Reserved	
PRND Position Display	D	
Propulsion System Active	True	
Thermal System Enable State	On	
Chiller Shut-Off Valve Status	On	
High Temperature Shut-Off Valve Status	Off	
Front Refrigerant Shut-Off Valve Status	Off	
Hybrid System State	Propulsion System Active	
CBC Wake-Up Input	On	
HV Contactor Status	Closed	
EPT LOC Diag Enable	Enable LOC Diagnostic	
Impact Event	False	
HCP System Shutdown Command	Default	

APM Status	Buck CV	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Real time clock	19959166	sec
Original Odometer Value	4631.0	miles
Frequency Counter	1	
HV Battery SOC	26	%
RAM Stamps	58684	Min
Most Recent Odometer Value	4631.0	miles
Engine Speed	0	rpm
Ignition Cycle Counter	0	
Engine Coolant Temperature	163	°F
Passive Pump Coolant Temp In Sensor	117	°F
RAM stamps keyOn	0	sec
Accelerator Pedal Position	0	%
Electric Coolant Heater Temp Sensor	124	°F
Heater Core Coolant Temp Sensor	138	°F
Barometric Pressure	15	PSI
Vehicle Speed	5.5341	MPH
High Temp Cabin Valve Feedback	99.21	degrees
EAC Compressor Speed	2130	rpm
A/C Refrigerant Pressure	145.0	PSI
Motor A Temp Sensor	145	°F
Low Temp Passive Pump - Temperature	77	°F
Low Temp Active Pump - Temperature	91	°F
Motor B Temp Sensor	160	°F
Battery Feed Voltage 3 Sense	14.040	Volts
Outside Air Temperature	89.6	°F
HV Coolant Heater - Measured Coolant Inlet Temp	145	°F
Internal EPS Voltage Sense B	8.136	Volts
Internal EPS Voltage Sense A	8.208	Volts
Battery Feed Voltage 2 Sense	14.184	Volts
Radiator Fan Duty Cycle	50	%
HV Coolant Heater - Measured Coolant Outlet Temp	145	°F
Actual Torque - Motor B	78.540	Ft-Lbs
Available Motor Torque - Motor A	87.205	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor B	235.988	Ft-Lbs
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Battery Feed Voltage 1 Sense	14.184	Volts
Motor A - Inverter Current - phase B	-4	AMP
Motor A - Inverter Current - phase A	-4	AMP
Available Regen Torque - Motor B	-235.988	Ft-Lbs
Motor B - Inverter Current - phase B	-124	AMP

Motor B - Inverter Current - phase C	132	AMP
Motor B - Inverter Current - phase A	-16	AMP
Motor A Resolver Angle	264	Degree
HV Battery Voltage from BPCM	338.20	Volts
Electric Motor A Speed	-755.5	rpm
Motor A - Inverter Current - phase C	0	AMP
Commanded Torque - Motor B	78.909	Ft-Lbs
Inverter A IGBT Temperature for phase A	138	°F
Electric Motor B Speed	620.5	rpm
Inverter A IGBT Temperature for phase B	136	°F
PIM DC Link Voltage - B	337	Volts
Motor B Resolver Angle	134	Degree
Inverter B IGBT Temperature for phase B	144	°F
Inverter A IGBT Temperature for phase C	136	°F
Inverter B IGBT Temperature for phase A	144	°F
Distance Travelled with Light ON	0	miles
PIM DC Link Voltage - A	339	Volts
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	78.540	Ft-Lbs
Inverter B IGBT Temperature for phase C	145	°F
GPS Date - Month	7	
HV Battery Sleep Time	0	Days
GPS Date - Day	20	Days
UTC Time - Hours	22	Hours
UTC Time - Minutes	30	
GPS Date - Year	2021	Year
ECU Time - Milliseconds	481	ms
UTC Time - Seconds	0	seconds

VEHICLE HEALTH REPORT

Vehicle 2021 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
VIN [redacted]

Odometer 4661.7 miles
Publication Date Jul 28, 2021, 1:36:13 PM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
PCM	Powertrain Control Module	CAN-C	68499122AE	[redacted]		68499122AE
PLGM	Power Liftgate	CAN-I	68466171AF			68466171AF
ICS	Integrated Center Stack	CAN-I	7AS341X8AA			7AS341X8AA
RFH	Radio Frequency Hub	CAN-C	68500152AA			68500152AA
ESM	Electronic Shifter	CAN-C	68240089AM			68240089AM
ORC	Occupant Restraint	CAN-C	68480710AC			68480710AC
EPS	Electric Power Steering	CAN-C	68460392AA			68460392AA
HVAC	Heat, Ventilation and A/C	CAN-I	68493454AE			68493454AE
DDM	Driver Door Module	CAN-I	68496461AB			68496461AB
PDM	Passenger Door Module	CAN-I	68496460AB			68496460AB
DMRL	Door Module Rear Left	CAN-I	68508894AB			68508894AB
DMRR	Door Module Rear Right	CAN-I	68508894AB			68508894AB
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AD			68369596AD
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AD			68369596AD
MSM	Memory Seat Module	CAN-I	68321862AC			68321862AC
CSWM	Comfort Seat Wheel Module	CAN-I	68517013AB			68517013AB
AMP	Amplifier	CAN-I	68448067AA			68448067AA
IPC	Instrument Panel Cluster	CAN-C	68434960AE			68434960AE
PTS	Parktronics	CAN-C	68485862AA			68485862AA

SCCM	Steering Column Control Module	CAN-C	68360889AD		68360889AD
BCM	Body Controller	CAN-C	68491085AG		68491085AG
ACC	Adaptive Cruise Control	CAN-C	68540436AA		68540436AA
RADIO	Radio	CAN-I	68465292AC		68465292AC
OCM	Occupant Classification	CAN-C	68403127AA		68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB		68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB		04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB		04672786AB
FFCM	Forward Facing Camera Module	CAN-C	68493395AA		68493395AA
EDM	External Disc Module	CAN-I	68499745AA		68499745AA
APM	Accessory Power Module	CAN-C	05185046AB		05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193183AE		05193183AE
HCP	Hybrid Control Processor	CAN-C	05185116AH		05185116AH
OBCM	On Board Charging Module	CAN-C	05185047AE		05185047AE
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC		68321862AC
DSM	Display Screen Module	CAN-I	68437339AD		68437339AD
VRM	Video Routing Module	CAN-I	68493702AA		68493702AA
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30DX9AA		6WL30DX9AA
CVPM	Central vision processing module	CAN-I	56029920AB		56029920AB
EAC	Electric A/C Compressor	CAN-C	68237995AG		68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05185117AH		05185117AH
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB		68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD		68471122AD
SGW	Security Gateway Module	CAN-C	68488429AB		68488429AB
TBM2	Telematic Box Module 2	CAN-C	68546266AB		68546266AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS

PCM	USA	1B 47	75 01 01	4422	F2DB13B9
PLGM	USA	0	5269	000200000031	
ICS	USA	0F 0C 00	13 31 01	4700	
RFH	USA / USA	10 17 00	13 26 00	4A00	
ESM	USA / USA	0F 24 00	12 28 FF	4402	
ORC	USA / USA	12 1A 00	13 2E 00	4301	
EPS	USA / USA	12 2A 00	12 1E 01	4502	
HVAC	USA	0E 09 00	14 2F 01	4401	
DDM	USA	11 07 00	14 07 00	4202	
PDM	USA	11 07 00	14 07 00	4202	
DMRL	USA / USA	10 0B 00	14 08 00	4201	
DMRR	USA / USA	10 0B 00	14 08 00	4201	
PSDML	USA / USA	10 17 00	14 10 12	4001	
PSDMR	USA / USA	10 17 00	14 10 12	4001	
MSM	USA	0F 2B 00	10 27 03	4101	
CSWM	USA	11 2A 00	14 25 00	4302	
AMP	USA	0F 06 01	12 2E 01	4021	
IPC	USA / USA	12 06 00	14 2B 00	4705	
PTS	USA	0E 32 00	14 07 00	4311	
SCCM	USA	13 28 00	13 29 00	4301	
BCM	USA	0D 11 00	14 26 90	4420	
ACC	USA / USA	14 12 01	14 26 01	4400	
RADIO		65	5175	000200000008	
OCM	USA / USA	11 1F 01	0E 2F 02	4030	
HVACR	USA	0E 09 00	10 03 02	4301	
LBSS	USA / USA	11 30 02	12 0D 00	4202	
RBSS	USA / USA	11 30 02	12 0D 00	4202	
FFCM	USA / USA	11 06 00	13 1E 00	4102	
EDM	USA	12 0A 00	11 08 00	4000	
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM	Not programmed / COUNTRY_SNA	0E 03 00	14 2C 00	4005	79855957
HCP	USA	11 1F 04	0F 2D 00	4006	879F1587 D754327D 050DC953
OBCM	USA	0F 0D 00	12 02 00	4002	
MSMP	USA	0F 2B 00	10 27 03	4001	
DSM	USA / USA	14 0C 00	14 28 00	4300	
VRM	USA / USA	0F 1C 00	14 1E 14	4001	
RCCC	USA	0F 1D 00	13 04 00	4000	
CVPM	USA / USA	11 27 01	14 0C 01	4004	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1F 04	0F 2D 00	4000	
EBBM	USA	0E 19 02	14 0D 18	4000	E5898FA5
ABSO	USA	0E 15 02	14 1B 26	4201	4F158D1B
SGW		5	969	4103	

TBM2	USA	13 0E 02	14 2A 5C	4104	

FLASHES

PLGM | 2021 RU PLGM NAFTA

Applicable Bulletins

FLASH #	TYPE	RRT #	DESCRIPTION
08-097-21	TSB		Flash: Power Liftgate Module (PLGM) Enhancements

DSM | 2021 RU DSM / DCSD 10.1 W/CHROME BEZEL NAFTA

Applicable Bulletins

FLASH #	TYPE	RRT #	DESCRIPTION
08-104-21	TSB		Flash: Display Screen Module (DSM) System Updates

RRTS

RRT #	DESCRIPTION	STATUS
21-063	2021 RU PHEV PCM UPDATE	Complete
21-062	2021 RU PHEV HCP AND AHCP UPDATE	Complete

RECALLS

RECALL #	DESCRIPTION	STATUS

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
PCM	P0138	O2 Sensor 1/2 Circuit High	Pending
PCM	P1E09	Closed Loop Fueling Not Achieved - Bank 1 Downstream	Pending
HCP	P0CEA-00	Hybrid/EV Electronics Coolant Pump "A" Performance-	Pending
HCP	U0623-00	Lost Communication with Coolant Pump "A"-	Pending

ENVIRONMENTAL DATA SUMMARY

PCM | P0138 | Pending | O2 Sensor 1/2 Circuit High

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

Key Cycles Since DTC Last Set Counter		

PCM | P1E09 | Pending | Closed Loop Fueling Not Achieved - Bank 1 Downstream

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

HCP | P0CEA-00 | Pending | Hybrid/EV Electronics Coolant Pump "A" Performance-

NAME	VALUE	UNITS
DTC	0C EA 00	
Test Failed	False	
Confirmed DTC	False	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Warning Indicator Requested	False	
Test Not Completed This Operation Cycle	False	
Occurrence flag		
Test Failed This Operation Cycle	True	
Pending DTC	True	
Brake Switch Status		
Ignition State		
PRND Position Display		
Propulsion System Active		
PHEV Charging Status		
Low Temp Passive Pump - RPM Monitoring		
Low Temp Passive Pump - Limp Home		
Low Temp Passive Pump - Over Current		
Low Temp Passive Pump - Over Temperature		
Low Temp Passive Pump - Deblocking		
Low Temp Passive Pump - Voltage Error		
Low Temp Passive Pump - Dry Run		
Response Error		
Low Temp Passive Pump - Post Running Mode Status		
Low Temp Passive Pump - Fail Safe		

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

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

HCP | U0623-00 | Pending | Lost Communication with Coolant Pump "A"-

NAME	VALUE	UNITS
DTC	C6 23 00	
Pending DTC	True	
Test Not Completed This Operation Cycle	False	
Confirmed DTC	False	
Test Failed	False	
Occurrence flag		
Warning Indicator Requested	False	
Test Failed This Operation Cycle	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	

PHEV Charging Status		
Brake Switch Status		
Propulsion System Active		
PRND Position Display		
Ignition State		
Thermal System Enable State		
High Temperature Shut-Off Valve Status		
Front Refrigerant Shut-Off Valve Status		
Chiller Shut-Off Valve Status		
Hybrid System State		
CBC Wake-Up Input		
EPT LOC Diag Enable		
HV Contactor Status		
APM Status		
Impact Event		
HCP System Shutdown Command		
OBCM Operating Mode		
J1772 Prox Detected State		
Frequency Counter		
Original Odometer Value		miles
Most Recent Odometer Value		miles
Ignition Cycle Counter		
RAM Stamps		Min
Real time clock		sec
Accelerator Pedal Position		%
RAM stamps keyOn		sec
HV Battery SOC		%
Vehicle Speed		MPH
Passive Pump Coolant Temp In Sensor		°F
Barometric Pressure		PSI
A/C Refrigerant Pressure		PSI
Heater Core Coolant Temp Sensor		°F
Outside Air Temperature		°F
Electric Coolant Heater Temp Sensor		°F
Motor A Temp Sensor		°F
Engine Speed		rpm
Engine Coolant Temperature		°F
EAC Compressor Speed		rpm
Low Temp Active Pump - Temperature		°F
Low Temp Passive Pump - Temperature		°F
High Temp Cabin Valve Feedback		degrees
HV Coolant Heater - Measured Coolant Outlet Temp		°F
HV Coolant Heater - Measured Coolant Inlet Temp		°F
Radiator Fan Duty Cycle		%

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



VEHICLE HEALTH REPORT

Vehicle 2021 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
VIN [redacted]

Odometer 4174.3 miles
Publication Date Jul 13, 2021, 2:15:45 PM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
PCM	Powertrain Control Module	CAN-C	68499122AD	[redacted]		68499122AD
PLGM	Power Liftgate	CAN-I	68466171AF			68466171AF
ICS	Integrated Center Stack	CAN-I	7AS341X8AA			7AS341X8AA
RFH	Radio Frequency Hub	CAN-C	68500152AA			68500152AA
ESM	Electronic Shifter	CAN-C	68240089AM			68240089AM
ORC	Occupant Restraint	CAN-C	68480710AC			68480710AC
EPS	Electric Power Steering	CAN-C	68460392AA			68460392AA
HVAC	Heat, Ventilation and A/C	CAN-I	68493454AE			68493454AE
DDM	Driver Door Module	CAN-I	68496461AB			68496461AB
PDM	Passenger Door Module	CAN-I	68496460AB			68496460AB
DMRL	Door Module Rear Left	CAN-I	68508894AB			68508894AB
DMRR	Door Module Rear Right	CAN-I	68508894AB			68508894AB
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AD			68369596AD
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AD			68369596AD
MSM	Memory Seat Module	CAN-I	68321862AC			68321862AC
CSWM	Comfort Seat Wheel Module	CAN-I	68517013AB			68517013AB
AMP	Amplifier	CAN-I	68448067AA			68448067AA
IPC	Instrument Panel Cluster	CAN-C	68434960AE			68434960AE
PTS	Parktronics	CAN-C	68485862AA			68485862AA

SCCM	Steering Column Control Module	CAN-C	68360889AD		68360889AD
BCM	Body Controller	CAN-C	68491085AG		68491085AG
ACC	Adaptive Cruise Control	CAN-C	68540436AA		68540436AA
RADIO	Radio	CAN-I	68465292AC		68465292AC
OCM	Occupant Classification	CAN-C	68403127AA		68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB		68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB		04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB		04672786AB
FFCM	Forward Facing Camera Module	CAN-C	68493395AA		68493395AA
EDM	External Disc Module	CAN-I	68499745AA		68499745AA
APM	Accessory Power Module	CAN-C	05185046AB		05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193183AE		05193183AE
HCP	Hybrid Control Processor	CAN-C	05185116AF		05185116AF
OBCM	On Board Charging Module	CAN-C	05185047AE		05185047AE
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC		68321862AC
DSM	Display Screen Module	CAN-I	68437339AD		68437339AD
VRM	Video Routing Module	CAN-I	68493702AA		68493702AA
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30DX9AA		6WL30DX9AA
CVPM	Central vision processing module	CAN-I	56029920AB		56029920AB
EAC	Electric A/C Compressor	CAN-C	68237995AG		68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05185117AF		05185117AF
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB		68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD		68471122AD
SGW	Security Gateway Module	CAN-C	68488429AB		68488429AB
TBM2	Telematic Box Module 2	CAN-C	68546266AB		68546266AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS

PCM	USA	1B 47	75 00 01	4422	941DFC50
PLGM	USA	0	5269	000200000031	
ICS	USA	0F 0C 00	13 31 01	4700	
RFH	USA / USA	10 17 00	13 26 00	4A00	
ESM	USA / USA	0F 24 00	12 28 FF	4402	
ORC	USA / USA	12 1A 00	13 2E 00	4301	
EPS	USA / USA	12 2A 00	12 1E 01	4502	
HVAC	USA	0E 09 00	14 2F 01	4401	
DDM	USA	11 07 00	14 07 00	4202	
PDM	USA	11 07 00	14 07 00	4202	
DMRL	USA / USA	10 0B 00	14 08 00	4201	
DMRR	USA / USA	10 0B 00	14 08 00	4201	
PSDML	USA / USA	10 17 00	14 10 12	4001	
PSDMR	USA / USA	10 17 00	14 10 12	4001	
MSM	USA	0F 2B 00	10 27 03	4101	
CSWM	USA	11 2A 00	14 25 00	4302	
AMP	USA	0F 06 01	12 2E 01	4021	
IPC	USA / USA	12 06 00	14 2B 00	4705	
PTS	USA	0E 32 00	14 07 00	4311	
SCCM	USA	13 28 00	13 29 00	4301	
BCM	USA	0D 11 00	14 26 90	4420	
ACC	USA / USA	14 12 01	14 26 01	4400	
RADIO		65	5175	000200000008	
OCM	USA / USA	11 1F 01	0E 2F 02	4030	
HVACR	USA	0E 09 00	10 03 02	4301	
LBSS	USA / USA	11 30 02	12 0D 00	4202	
RBSS	USA / USA	11 30 02	12 0D 00	4202	
FFCM	USA / USA	11 06 00	13 1E 00	4102	
EDM	USA	12 0A 00	11 08 00	4000	
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM	Not programmed / COUNTRY_SNA	0E 03 00	14 2C 00	4005	79855957
HCP	USA	11 1F 04	0F 2D 00	4006	FE120BB2 29C5A4AB 050DC953
OBCM	USA	0F 0D 00	12 02 00	4002	
MSMP	USA	0F 2B 00	10 27 03	4001	
DSM	USA / USA	14 0C 00	14 28 00	4300	
VRM	USA / USA	0F 1C 00	14 1E 14	4001	
RCCC	USA	0F 1D 00	13 04 00	4000	
CVPM	USA / USA	11 27 01	14 0C 01	4004	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1F 04	0F 2D 00	4000	
EBBM	USA	0E 19 02	14 0D 18	4000	E5898FA5
ABSO	USA	0E 15 02	14 1B 26	4201	4F158D1B
SGW		5	969	4103	

TBM2	USA	13 0E 02	14 2A 5C	4104	

FLASHES

PCM | 2021 RU 3.6L PCM PHEV NAFTA

Applicable Bulletins

FLASH #	TYPE	RRT #	DESCRIPTION
18-051-21	TSB	21-063	Flash: Powertrain Control Module (PCM) Updates

PLGM | 2021 RU PLGM NAFTA

Applicable Bulletins

FLASH #	TYPE	RRT #	DESCRIPTION
08-097-21	TSB		Flash: Power Liftgate Module (PLGM) Enhancements

HCP | 2021 RU HCP PHEV .8MM NAFTA

Applicable Bulletins

FLASH #	TYPE	RRT #	DESCRIPTION
08-091-21	TSB	21-062	Flash: Hybrid Control Processor (HCP) and Auxiliary Hybrid Control Processor (AHCP) Updates

DSM | 2021 RU DSM / DCSD 10.1 W/CHROME BEZEL NAFTA

Applicable Bulletins

FLASH #	TYPE	RRT #	DESCRIPTION
08-104-21	TSB		Flash: Display Screen Module (DSM) System Updates

AHCP | 2021 RU AHCP PHEV .8MM NAFTA

Applicable Bulletins

FLASH #	TYPE	RRT #	DESCRIPTION
08-091-21	TSB	21-062	Flash: Hybrid Control Processor (HCP) and Auxiliary Hybrid Control Processor (AHCP) Updates

RRTS

RRT #	DESCRIPTION	STATUS
21-063	2021 RU PHEV PCM UPDATE	Incomplete
21-062	2021 RU PHEV HCP AND AHCP UPDATE	Incomplete

RECALLS

RECALL #	DESCRIPTION	STATUS

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
PCM	P2097	Downstream Fuel Trim System 1 Rich	Pending
PCM	P0138	O2 Sensor 1/2 Circuit High	Stored
PCM	P1E09	Closed Loop Fueling Not Achieved - Bank 1 Downstream	Stored
PLGM	B1975-00	Power Liftgate Latch Cinch - Ratchet Secondary Switch Performance-	Stored

HCP	P0A3C-00	Drive Motor A Inverter Over Temperature-	Stored
HCP	P0A3D-00	Drive Motor B Inverter Over Temperature-	Stored
HCP	P0CEA-00	Hybrid/EV Electronics Coolant Pump "A" Performance-	Stored
HCP	U0623-00	Lost Communication with Coolant Pump "A"-	Stored
DSM	B156D-00	Low Voltage Differential Signal (LVDS) Video Cable-	Stored

ENVIRONMENTAL DATA SUMMARY

PCM | P2097 | Pending | Downstream Fuel Trim System 1 Rich

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

PCM | P0138 | Stored | O2 Sensor 1/2 Circuit High

NAME	VALUE	UNITS
DTC	01 38	
DTC Readiness Flag	Not Complete	
DTC Storage State	Stored	
Warning Indicator Request State	Off	
Number of DTC	1	
Odometer	1753.8	miles
Accumulation Timer	586	minutes
Starts Since Set Counter	6	
Ignition Key Cycles	7	
Key Cycles Since DTC Last Set Counter	8	
Warm Up Cycles	1	
Good Trip Counter	4	

PCM | P1E09 | Stored | Closed Loop Fueling Not Achieved - Bank 1 Downstream

NAME	VALUE	UNITS
DTC Storage State	Stored	
DTC	1E 09	
DTC Readiness Flag	Not Complete	
Warning Indicator Request State	Off	

Number of DTC	1	
Odometer	1753.8	miles
Ignition Key Cycles	7	
Accumulation Timer	844	minutes
Starts Since Set Counter	6	
Warm Up Cycles	1	
Key Cycles Since DTC Last Set Counter	8	
Good Trip Counter	4	

PLGM | B1975-00 | Stored | Power Liftgate Latch Cinch - Ratchet Secondary Switch Performance-

NAME	VALUE	UNITS

HCP | P0A3C-00 | Stored | Drive Motor A Inverter Over Temperature-

NAME	VALUE	UNITS
Pending DTC	False	
Test Failed This Operation Cycle	False	
DTC	0A 3C 00	
Test Failed	False	
Confirmed DTC	True	
Warning Indicator Requested	False	
Test Not Completed Since Last Clear	False	
Occurrence flag	Occurrence	
Test Not Completed This Operation Cycle	False	
Test Failed Since Last Clear	True	
Brake Switch Status	Applied	
PHEV Charging Status	No Charging	
Propulsion System Active	True	
Ignition State	Reserved	
PRND Position Display	D	
Motor A Phase U Thermal Shutdown Fault - High-Side	False	
Motor A Phase U Over Current Fault - High-Side	False	
Motor A Phase U SPI Error Fault - High-Side	False	
Motor A Phase U Short Fault - Low-Side	False	
Motor A Phase U Short Fault - High-Side	False	
Motor A Phase U Hardware Error Fault - High-Side	False	
Motor A Phase U Thermal Warning Fault - High-Side	False	
Motor A Phase U Cross Conduction Fault - Low-Side	False	
Motor A Phase U Comm Error High Voltage Regulator Fault - High-Side	False	
Motor A Phase U Over Current Fault - Low-Side	False	
Motor A Phase U Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor A Phase U SPI Error Fault - Low-Side	False	
Motor A Phase V Short Fault - High-Side	False	
Motor A Phase V Thermal Shutdown 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 Over Current Fault - High-Side	False	
Motor A Phase V Thermal Warning Fault - High-Side	False	
Motor A Phase U Thermal Warning Fault - Low-Side	False	
Motor A Phase V Comm Error High Voltage Regulator Fault - High-Side	False	
Motor A Phase V Cross Conduction Fault - High-Side	False	
Motor A Phase U Hardware Error Fault - Low-Side	False	
Motor A Phase U Cross Conduction 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 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 W Over Current Fault - High-Side	False	
Motor A Phase U Thermal Shutdown 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 Thermal Warning Fault - High-Side	False	
Motor A Phase V Cross Conduction Fault - Low-Side	False	
Motor A Phase V Over Current Fault - Low-Side	False	
Motor A Phase W Short Fault - Low-Side	False	
Motor A Phase W Thermal Shutdown Fault - High-Side	False	
Motor A Phase W SPI Error Fault - High-Side	False	
Motor A Phase W Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor A Phase W Thermal Warning 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 Hardware Error Fault - High-Side	False	
Motor A Phase W SPI Error Fault - Low-Side	False	
Motor A Phase W Hardware Error Fault - Low-Side	False	
Hybrid System State	Propulsion System Active	
Motor A Phase W Thermal Shutdown Fault - Low-Side	False	
Motor A Phase W Comm Error Low Voltage Regulator Fault - Low-Side	False	
Inverter B Status Feedback	Normal On	
HV Contactor Status	Closed	
HCP ePT Wake-Up Output	On	
EPT LOC Diag Enable	Enable LOC Diagnostic	
CBC Wake-Up Input	Off	
APM Status	Buck CV	
Impact Event	False	
HCP System Shutdown Command	Default	
OBCM Operating Mode	UTC	
Commanded Inverter A State	Torque Control	
J1772 Prox Detected State	Prox Out	

Inverter Status Feedback	Normal On	
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 Under Voltage Fault VL - High-Side	False	
Motor A Phase U Over Voltage Fault VH - Low-Side	False	
Motor A Phase U Over Voltage Fault VL - High-Side	False	
Motor A Phase U Under Voltage Fault VDD - High-Side	False	
Motor A Phase U Over Voltage Fault VDD - High-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 Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor A Phase U Under Voltage Fault VL - Low-Side	False	
Motor A Phase U Under Voltage Fault VDD - Low-Side	False	
Motor A Phase V Over Voltage Fault VL - High-Side	False	
Motor A Phase U Over Voltage Fault VDD - Low-Side	False	
Motor A Phase V Over Voltage Fault VH - High-Side	False	
Motor A Phase V Under Voltage Fault VH - High-Side	False	
Motor A Phase V Over Voltage Fault VDD - High-SideSide	False	
Motor A Phase V Over Voltage Fault VH - Low-Side	False	
Motor A Phase V Under Voltage Fault VDD - Low-Side	False	
Motor A Phase V Over Voltage Fault VDD - Low-Side	False	
Motor A Phase U Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor A Phase V Under Voltage Fault VL - High-Side	False	
Motor A Phase V Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor A Phase V Under Voltage Fault VDD - High-Side	False	
Motor A Phase V Over Voltage Fault VL - Low-Side	False	
Motor A Phase V Under Voltage Fault VH - Low-Side	False	
Motor A Phase V Under Voltage Fault VL - Low-Side	False	
Motor A Phase W Over Voltage Fault VL - High-Side	False	
Motor A Phase V Comm Error Low Voltage Regulator Fault - Low-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 VDD - High-Side	False	
Motor A Phase W Cross Conduction Fault - High-Side	False	
Motor A Phase W Over Voltage Fault VL - Low-Side	False	
Motor A Phase W Under Voltage Fault VL - 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 Under Voltage Fault VH - Low-Side	False	
Motor A Phase W Under Voltage Fault VDD - Low-Side	False	
Motor A Phase W Over Voltage Fault VDD - Low-Side	False	
Motor A Phase W Under Voltage Fault VL - Low-Side	False	
Motor A Phase W Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor A Phase W Over Voltage Fault VH - Low-Side	False	

Inverter A Status Feedback	Normal On	
Most Recent Odometer Value	4136.0	miles
Original Odometer Value	3947.2	miles
Frequency Counter	5	
Ignition Cycle Counter	15	
RAM Stamps	56956	Min
Accelerator Pedal Position	0	%
Engine Speed	1397	rpm
HV Battery SOC	33	%
Actual Torque - Motor A	-14.012	Ft-Lbs
Barometric Pressure	14	PSI
RAM stamps keyOn	150	sec
Vehicle Speed	4.3545	MPH
Motor A - Inverter Current - phase C	-60	AMP
Inverter A Input DC Current	-19.3	AMP
Motor A - Inverter Current - phase A	-8	AMP
Real time clock	19185196	sec
Available Motor Torque - Motor A	85.730	Ft-Lbs
Motor A - Inverter Current - phase B	64	AMP
Electric Motor A Speed	5215.5	rpm
Motor A Resolver Supply Voltage Value	15.75	Volts
Internal EPS Voltage Sense B	8.136	Volts
Engine Coolant Temperature	198	°F
Internal EPS Voltage Sense A	8.208	Volts
Battery Feed Voltage 3 Sense	14.400	Volts
PIM DC Link Voltage - B	347	Volts
Low Temp Active Pump Speed	0	rpm
PIM DC Link Voltage - A	349	Volts
Outside Air Temperature	82.4	°F
Actual Torque - Motor B	-13.643	Ft-Lbs
Available Regen Torque - Motor B	-235.988	Ft-Lbs
Passive Pump Coolant Temp In Sensor	122	°F
Motor B - Inverter Current - phase B	-24	AMP
Battery Feed Voltage 1 Sense	14.472	Volts
Commanded Torque - Motor B	-14.196	Ft-Lbs
Motor B Resolver Angle	100	Degree
Motor B - Inverter Current - phase A	32	AMP
Motor B Temp Sensor	162	°F
Battery Feed Voltage 2 Sense	14.472	Volts
HV Battery Voltage from BPCM	348.00	Volts
Motor B - Inverter Current - phase C	-16	AMP
Inverter A IGBT Temperature for phase C	234	°F
Inverter B IGBT Temperature for phase A	230	°F
Available Motor Torque - Motor B	235.988	Ft-Lbs

Electric Motor B Speed	493.5	rpm
Inverter A IGBT Temperature for phase A	241	°F
Inverter B IGBT Temperature for phase C	214	°F
High Temp Aux Pump - Actual Speed	3000	rpm
Available Regen Torque - Motor A	-85.730	Ft-Lbs
Inverter A IGBT Temperature for phase B	237	°F
Commanded Torque - Motor A	-13.920	Ft-Lbs
Distance Travelled with Light ON	0	miles
HV Battery Sleep Time	0	Days
UTC Time - Minutes	31	
Inverter B IGBT Temperature for phase B	230	°F
GPS Date - Day	11	Days
Motor B Torque	-13.643	Ft-Lbs
Motor A Torque	-14.012	Ft-Lbs
GPS Date - Month	7	
GPS Date - Year	2021	Year
UTC Time - Seconds	0	seconds
UTC Time - Hours	23	Hours
ECU Time - Milliseconds	31	ms

HCP | P0A3D-00 | Stored | Drive Motor B Inverter Over Temperature-

NAME	VALUE	UNITS
DTC	0A 3D 00	
Test Failed	False	
Confirmed DTC	True	
Test Failed This Operation Cycle	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Pending DTC	False	
Brake Switch Status	Applied	
Ignition State	Reserved	
PRND Position Display	D	
PHEV Charging Status	No Charging	
Commanded Inverter B State	Torque Control	
Propulsion System Active	True	
Inverter B Status Feedback	Normal On	
Motor B Phase U Short Fault - High-Side	False	
Motor B Phase U Cross Conduction Fault - High-Side	False	
Motor B Phase U SPI Error Fault - High-Side	False	
Motor B Phase U Hardware Error Fault - High-Side	False	
Motor B Phase U Short Fault - Low-Side	False	

Motor B Phase U Thermal Warning Fault - High-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 - High-Side	False	
Motor B Phase U Comm Error High Voltage Regulator Fault - High-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 Cross Conduction Fault - Low-Side	False	
Motor B Phase U Hardware Error Fault - Low-Side	False	
Motor B Phase U Thermal Shutdown Fault - Low-Side	False	
Motor B Phase V Thermal Shutdown 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 Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor B Phase V Comm Error High Voltage Regulator Fault - High-Side	False	
Motor B Phase V Short Fault - High-Side	False	
Motor B Phase V Hardware Error Fault - High-Side	False	
Motor B Phase V Thermal Warning Fault - Low-Side	False	
Motor B Phase V Over Current Fault - Low-Side	False	
Motor B Phase V Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor B Phase W Cross Conduction Fault - High-Side	False	
Motor B Phase V Thermal Shutdown Fault - Low-Side	False	
Motor B Phase V Short 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 V Thermal Warning Fault - High-Side	False	
Motor B Phase W Short Fault - High-Side	False	
Motor B Phase V SPI Error 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 V Cross Conduction Fault - Low-Side	False	
Motor B Phase W SPI Error Fault - High-Side	False	
Motor B Phase W Cross Conduction Fault - Low-Side	False	
Motor B Phase W Over Current Fault - High-Side	False	
Motor B Phase W Over Current Fault - Low-Side	False	
Motor B Phase V Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor B Phase W Thermal Warning Fault - High-Side	False	
Motor B Phase W Short Fault - Low-Side	False	
Motor B Phase W Hardware Error Fault - High-Side	False	
Motor B Phase W Thermal Shutdown Fault - Low-Side	False	
Motor B Phase W Hardware Error Fault - Low-Side	False	
Motor B Phase W Thermal Warning Fault - Low-Side	False	
Motor B Phase W Comm Error Low Voltage Regulator Fault - Low-Side	False	

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

Motor B Phase W Over Voltage Fault VDD - High-Side	False	
Motor B Phase W Thermal Shutdown Fault - High-Side	False	
Motor B Phase W Under Voltage Fault VL - Low-Side	False	
Motor B Phase W Under Voltage Fault VH - 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	
Motor B Phase W Over Voltage Fault VL - Low-Side	False	
Original Odometer Value	3947.3	miles
Most Recent Odometer Value	4136.0	miles
Frequency Counter	5	
Real time clock	19185204	sec
RAM stamps keyOn	150	sec
Accelerator Pedal Position	0	%
RAM Stamps	56956	Min
Ignition Cycle Counter	15	
Engine Coolant Temperature	198	°F
Vehicle Speed	3.8447	MPH
Engine Speed	1399	rpm
Inverter B Input DC Current	1.5	AMP
Electric Motor B Speed	434.0	rpm
Available Motor Torque - Motor B	235.988	Ft-Lbs
Motor B - Inverter Current - phase A	16	AMP
Barometric Pressure	14	PSI
Actual Torque - Motor B	-14.288	Ft-Lbs
HV Battery SOC	33	%
Motor B - Inverter Current - phase C	12	AMP
Internal EPS Voltage Sense B	8.136	Volts
Battery Feed Voltage 2 Sense	14.544	Volts
Motor B Resolver Supply Voltage Value	15.75	Volts
Internal EPS Voltage Sense A	8.208	Volts
Motor B - Inverter Current - phase B	-36	AMP
Battery Feed Voltage 3 Sense	14.400	Volts
Battery Feed Voltage 1 Sense	14.544	Volts
Available Regen Torque - Motor A	-85.730	Ft-Lbs
Actual Torque - Motor A	-15.395	Ft-Lbs
Commanded Torque - Motor B	-14.934	Ft-Lbs
Commanded Torque - Motor A	-15.302	Ft-Lbs
Available Regen Torque - Motor B	-235.988	Ft-Lbs
Available Motor Torque - Motor A	85.730	Ft-Lbs
Motor A - Inverter Current - phase B	-40	AMP
Motor A - Inverter Current - phase A	72	AMP
Motor A Resolver Angle	120	Degree
Outside Air Temperature	82.4	°F
Motor A Temp Sensor	162	°F

Electric Motor A Speed	5288.0	rpm
PIM DC Link Voltage - A	349	Volts
HV Battery Voltage from BPCM	348.40	Volts
Inverter A IGBT Temperature for phase A	252	°F
Motor A - Inverter Current - phase C	-36	AMP
Inverter A IGBT Temperature for phase C	241	°F
Inverter B IGBT Temperature for phase C	225	°F
HV Battery Sleep Time	0	Days
Inverter B IGBT Temperature for phase B	237	°F
PIM DC Link Voltage - B	347	Volts
GPS Date - Year	2021	Year
GPS Date - Month	7	
UTC Time - Hours	23	Hours
Inverter B IGBT Temperature for phase A	239	°F
ECU Time - Milliseconds	56	ms
UTC Time - Minutes	31	
UTC Time - Seconds	0	seconds
Distance Travelled with Light ON	0	miles
Motor A Torque	-15.395	Ft-Lbs
Inverter A IGBT Temperature for phase B	252	°F
GPS Date - Day	11	Days
Motor B Torque	-14.288	Ft-Lbs

HCP | P0CEA-00 | Stored | Hybrid/EV Electronics Coolant Pump "A" Performance-

NAME	VALUE	UNITS
DTC	0C EA 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Pending DTC	False	
Occurrence flag	Occurrence	
Warning Indicator Requested	False	
Test Not Completed Since Last Clear	False	
Confirmed DTC	True	
Brake Switch Status	Not Applied	
Ignition State	Ignition Lock	
PHEV Charging Status	No Charging	
PRND Position Display	P	
Propulsion System Active	False	
Low Temp Passive Pump - RPM Monitoring	Rotation Monitoring Active	
Low Temp Passive Pump - Limp Home	False	
Low Temp Passive Pump - Over Current	No Over Current	
Low Temp Passive Pump - Dry Run	No Dry Run Detected	

Low Temp Passive Pump - Fail Safe	Fail Safe Activated	
Low Temp Passive Pump - Voltage Error	Supply Voltage in Specified Range (Vbatt less than 20V)	
Low Temp Passive Pump - Over Temperature	No Over temperature	
Low Temp Passive Pump - Post Running Mode Status	No Post Running	
Response Error	No Error	
Low Temp Passive Pump - Deblocking	Deblocking not Active	
Hybrid System State	High Voltage Enabled	
HCP ePT Wake-Up Output	On	
EPT LOC Diag Enable	Enable Limited LOC Diagnostic	
CBC Wake-Up Input	Off	
HV Contactor Status	Closed	
APM Status	Buck CV	
Impact Event	False	
HCP System Shutdown Command	Default	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Ignition Cycle Counter	1	
Real time clock	19185048	sec
RAM stamps keyOn	90	sec
Original Odometer Value	3946.7	miles
Most Recent Odometer Value	4136.0	miles
Accelerator Pedal Position	0	%
RAM Stamps	56955	Min
Passive Pump Coolant Temp In Sensor	131	°F
Vehicle Speed	0.0000	MPH
Engine Speed	0	rpm
HV Battery SOC	33	%
Low Temp Passive Pump - Target Speed	504	rpm
Low Temp Passive Pump - Voltage	12.0	Volts
Barometric Pressure	15	PSI
Engine Coolant Temperature	176	°F
Low Temp Passive Pump - Current	2.0	AMP
Low Temp Passive Pump - Actual Speed	192	rpm
Low Temp Passive Pump - Temperature	77	°F
Actual Torque - Motor A	0.000	Ft-Lbs
Battery Feed Voltage 2 Sense	14.400	Volts
Internal EPS Voltage Sense B	8.136	Volts
Battery Feed Voltage 3 Sense	14.184	Volts
Frequency Counter	3	
Internal EPS Voltage Sense A	8.208	Volts
Electric Motor B Speed	0.0	rpm
Actual Torque - Motor B	0.000	Ft-Lbs
PIM DC Link Voltage - A	346	Volts
PIM DC Link Voltage - B	345	Volts

Electric Motor A Speed	0.5	rpm
Available Motor Torque - Motor A	87.205	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Battery Feed Voltage 1 Sense	14.400	Volts
Motor B - Inverter Current - phase B	-4	AMP
Motor A - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase C	0	AMP
Motor B Temp Sensor	158	°F
Motor A Resolver Angle	54	Degree
Motor B - Inverter Current - phase C	0	AMP
Inverter A IGBT Temperature for phase A	145	°F
Motor B Resolver Angle	112	Degree
Inverter A IGBT Temperature for phase C	144	°F
Inverter B IGBT Temperature for phase C	144	°F
Inverter A IGBT Temperature for phase B	144	°F
Inverter B IGBT Temperature for phase A	145	°F
Motor A Temp Sensor	154	°F
Outside Air Temperature	131.0	°F
Distance Travelled with Light ON	0	miles
HV Battery Sleep Time	0	Days
HV Battery Voltage from BPCM	345.40	Volts
Inverter B IGBT Temperature for phase B	144	°F
UTC Time - Hours	23	Hours
Motor A Torque	0.000	Ft-Lbs
GPS Date - Day	11	Days
Motor B Torque	0.000	Ft-Lbs
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	563	ms
GPS Date - Month	7	
UTC Time - Minutes	29	
GPS Date - Year	2021	Year

HCP | U0623-00 | Stored | Lost Communication with Coolant Pump "A"-

NAME	VALUE	UNITS
Test Failed	False	
DTC	C6 23 00	
Test Failed This Operation Cycle	False	
Pending DTC	False	

Warning Indicator Requested	False	
Test Not Completed Since Last Clear	False	
Confirmed DTC	True	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Occurrence	
PHEV Charging Status	No Charging	
Brake Switch Status	Not Applied	
PRND Position Display	P	
Ignition State	Ignition Lock	
Propulsion System Active	False	
Thermal System Enable State	On	
High Temperature Shut-Off Valve Status	On	
Front Refrigerant Shut-Off Valve Status	Off	
Hybrid System State	High Voltage Enabled	
Chiller Shut-Off Valve Status	On	
HV Contactor Status	Closed	
EPT LOC Diag Enable	Enable Limited LOC Diagnostic	
CBC Wake-Up Input	On	
APM Status	Buck CV	
HCP System Shutdown Command	Default	
Impact Event	False	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Original Odometer Value	3946.7	miles
Frequency Counter	13	
Accelerator Pedal Position	0	%
Ignition Cycle Counter	1	
Most Recent Odometer Value	4136.0	miles
Real time clock	19185048	sec
RAM stamps keyOn	90	sec
HV Battery SOC	33	%
Engine Speed	0	rpm
RAM Stamps	56955	Min
Vehicle Speed	0.0000	MPH
A/C Refrigerant Pressure	116.0	PSI
Engine Coolant Temperature	176	°F
Motor A Temp Sensor	154	°F
Barometric Pressure	15	PSI
Passive Pump Coolant Temp In Sensor	131	°F
Heater Core Coolant Temp Sensor	151	°F
Outside Air Temperature	131.0	°F
Low Temp Passive Pump - Temperature	77	°F
EAC Compressor Speed	0	rpm

Electric Coolant Heater Temp Sensor	115	°F
Motor B Temp Sensor	158	°F
Radiator Fan Duty Cycle	50	%
Battery Feed Voltage 2 Sense	14.400	Volts
Low Temp Active Pump - Temperature	102	°F
Internal EPS Voltage Sense B	8.136	Volts
Battery Feed Voltage 3 Sense	14.184	Volts
HV Coolant Heater - Measured Coolant Outlet Temp	136	°F
HV Coolant Heater - Measured Coolant Inlet Temp	136	°F
High Temp Cabin Valve Feedback	99.21	degrees
Internal EPS Voltage Sense A	8.208	Volts
Battery Feed Voltage 1 Sense	14.400	Volts
Actual Torque - Motor B	0.000	Ft-Lbs
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Motor B - Inverter Current - phase C	-4	AMP
Commanded Torque - Motor B	0.000	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor A	87.205	Ft-Lbs
Motor B - Inverter Current - phase B	-4	AMP
Motor A - Inverter Current - phase C	-4	AMP
Electric Motor B Speed	0.0	rpm
PIM DC Link Voltage - A	346	Volts
Motor B Resolver Angle	112	Degree
Motor A - Inverter Current - phase B	-4	AMP
Motor A Resolver Angle	54	Degree
Electric Motor A Speed	0.5	rpm
HV Battery Voltage from BPCM	345.40	Volts
Inverter A IGBT Temperature for phase C	144	°F
Inverter A IGBT Temperature for phase B	144	°F
PIM DC Link Voltage - B	345	Volts
Inverter B IGBT Temperature for phase A	145	°F
Motor B Torque	0.000	Ft-Lbs
Inverter A IGBT Temperature for phase A	145	°F
HV Battery Sleep Time	0	Days
Inverter B IGBT Temperature for phase C	144	°F
GPS Date - Month	7	
Motor A - Inverter Current - phase A	0	AMP
Motor A Torque	0.000	Ft-Lbs
Inverter B IGBT Temperature for phase B	144	°F
GPS Date - Day	11	Days
Motor B - Inverter Current - phase A	-4	AMP
Distance Travelled with Light ON	0	miles

UTC Time - Hours	23	Hours
ECU Time - Milliseconds	425	ms
UTC Time - Seconds	0	seconds
UTC Time - Minutes	29	
GPS Date - Year	2021	Year

DSM | B156D-00 | Stored | Low Voltage Differential Signal (LVDS) Video Cable-

NAME	VALUE	UNITS
Test Failed	False	
DTC	95 6D 00	
Confirmed DTC	True	
Test Failed Since Last Clear	True	
DTC Extended Data Record Number - All	01	
Test Failed This Operation Cycle	False	
Test Not Completed This Operation Cycle	False	
Occurrence flag	Occurrence	
Pending DTC	False	
Warning Indicator Requested	False	
Test Not Completed Since Last Clear	False	
Original Odometer Value	3947	miles
Most Recent Odometer Value	3947	miles
Ignition Cycle Counter	39	
Frequency Counter	1	

VEHICLE SCAN REPORT

Vehicle 2021 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
VIN [redacted]

Odometer 4633.8 miles
Publication Date Jul 21, 2021, 1:57:58 PM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
PCM	Powertrain Control Module	CAN-C	68499122AE	[redacted]		68499122AE
PLGM	Power Liftgate	CAN-I	68466171AF			68466171AF
ICS	Integrated Center Stack	CAN-I	7AS341X8AA			7AS341X8AA
RFH	Radio Frequency Hub	CAN-C	68500152AA			68500152AA
ESM	Electronic Shifter	CAN-C	68240089AM			68240089AM
ORC	Occupant Restraint	CAN-C	68480710AC			68480710AC
EPS	Electric Power Steering	CAN-C	68460392AA			68460392AA
HVAC	Heat, Ventilation and A/C	CAN-I	68493454AE			68493454AE
DDM	Driver Door Module	CAN-I	68496461AB			68496461AB
PDM	Passenger Door Module	CAN-I	68496460AB			68496460AB
DMRL	Door Module Rear Left	CAN-I	68508894AB			68508894AB
DMRR	Door Module Rear Right	CAN-I	68508894AB			68508894AB
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AD			68369596AD
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AD			68369596AD
MSM	Memory Seat Module	CAN-I	68321862AC			68321862AC
CSWM	Comfort Seat Wheel Module	CAN-I	68517013AB			68517013AB
AMP	Amplifier	CAN-I	68448067AA			68448067AA
IPC	Instrument Panel Cluster	CAN-C	68434960AE			68434960AE
PTS	Parktronics	CAN-C	68485862AA			68485862AA

SCCM	Steering Column Control Module	CAN-C	68360889AD		68360889AD
BCM	Body Controller	CAN-C	68491085AG		68491085AG
ACC	Adaptive Cruise Control	CAN-C	68540436AA		68540436AA
RADIO	Radio	CAN-I	68465292AC		68465292AC
OCM	Occupant Classification	CAN-C	68403127AA		68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB		68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB		04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB		04672786AB
FFCM	Forward Facing Camera Module	CAN-C	68493395AA		68493395AA
EDM	External Disc Module	CAN-I	68499745AA		68499745AA
APM	Accessory Power Module	CAN-C	05185046AB		05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193183AE		05193183AE
HCP	Hybrid Control Processor	CAN-C	05185116AH		05185116AH
OBCM	On Board Charging Module	CAN-C	05185047AE		05185047AE
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC		68321862AC
DSM	Display Screen Module	CAN-I	68437339AD		68437339AD
VRM	Video Routing Module	CAN-I	68493702AA		68493702AA
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30DX9AA		6WL30DX9AA
CVPM	Central vision processing module	CAN-I	56029920AB		56029920AB
EAC	Electric A/C Compressor	CAN-C	68237995AG		68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05185117AH		05185117AH
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB		68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD		68471122AD
SGW	Security Gateway Module	CAN-C	68488429AB		68488429AB
TBM2	Telematic Box Module 2	CAN-C	68546266AB		68546266AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS

PCM	USA	1B 47	75 01 01	4422	F2DB13B9
PLGM	USA	0	5269	000200000031	
ICS	USA	0F 0C 00	13 31 01	4700	
RFH	USA / USA	10 17 00	13 26 00	4A00	
ESM	USA / USA	0F 24 00	12 28 FF	4402	
ORC	USA / USA	12 1A 00	13 2E 00	4301	
EPS	USA / USA	12 2A 00	12 1E 01	4502	
HVAC	USA	0E 09 00	14 2F 01	4401	
DDM	USA	11 07 00	14 07 00	4202	
PDM	USA	11 07 00	14 07 00	4202	
DMRL	USA / USA	10 0B 00	14 08 00	4201	
DMRR	USA / USA	10 0B 00	14 08 00	4201	
PSDML	USA / USA	10 17 00	14 10 12	4001	
PSDMR	USA / USA	10 17 00	14 10 12	4001	
MSM	USA	0F 2B 00	10 27 03	4101	
CSWM	USA	11 2A 00	14 25 00	4302	
AMP	USA	0F 06 01	12 2E 01	4021	
IPC	USA / USA	12 06 00	14 2B 00	4705	
PTS	USA	0E 32 00	14 07 00	4311	
SCCM	USA	13 28 00	13 29 00	4301	
BCM	USA	0D 11 00	14 26 90	4420	
ACC	USA / USA	14 12 01	14 26 01	4400	
RADIO		65	5175	000200000008	
OCM	USA / USA	11 1F 01	0E 2F 02	4030	
HVACR	USA	0E 09 00	10 03 02	4301	
LBSS	USA / USA	11 30 02	12 0D 00	4202	
RBSS	USA / USA	11 30 02	12 0D 00	4202	
FFCM	USA / USA	11 06 00	13 1E 00	4102	
EDM	USA	12 0A 00	11 08 00	4000	
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM	Not programmed / COUNTRY_SNA	0E 03 00	14 2C 00	4005	79855957
HCP	USA	11 1F 04	0F 2D 00	4006	879F1587 D754327D 050DC953
OBCM	USA	0F 0D 00	12 02 00	4002	
MSMP	USA	0F 2B 00	10 27 03	4001	
DSM	USA / USA	14 0C 00	14 28 00	4300	
VRM	USA / USA	0F 1C 00	14 1E 14	4001	
RCCC	USA	0F 1D 00	13 04 00	4000	
CVPM	USA / USA	11 27 01	14 0C 01	4004	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1F 04	0F 2D 00	4000	
EBBM	USA	0E 19 02	14 0D 18	4000	E5898FA5
ABSO	USA	0E 15 02	14 1B 26	4201	4F158D1B
SGW		5	969	4103	

TBM2	USA	13 0E 02	14 2A 5C	4104	

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
PLGM	B1975-00	Power Liftgate Latch Cinch - Ratchet Secondary Switch Performance-	Stored
HCP	P0A3C-00	Drive Motor A Inverter Over Temperature-	Stored
HCP	P0A3D-00	Drive Motor B Inverter Over Temperature-	Stored
HCP	P0CEA-00	Hybrid/EV Electronics Coolant Pump "A" Performance-	Active
HCP	U0623-00	Lost Communication with Coolant Pump "A"-	Stored

ENVIRONMENTAL DATA SUMMARY

PLGM | B1975-00 | Stored | Power Liftgate Latch Cinch - Ratchet Secondary Switch Performance-

NAME	VALUE	UNITS

HCP | P0A3C-00 | Stored | Drive Motor A Inverter Over Temperature-

NAME	VALUE	UNITS
DTC	0A 3C 00	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed	False	
Occurrence flag	Occurrence	
Test Failed Since Last Clear	True	
Test Failed This Operation Cycle	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
PHEV Charging Status	No Charging	
Brake Switch Status	Not Applied	
Propulsion System Active	True	
Ignition State	Reserved	
PRND Position Display	D	
Motor A Phase U Short Fault - High-Side	False	
Motor A Phase U Cross Conduction Fault - High-Side	False	
Motor A Phase U Thermal Warning Fault - High-Side	False	
Motor A Phase U Comm Error High Voltage Regulator Fault - High-Side	False	
Motor A Phase U Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor A Phase U Over Current Fault - Low-Side	False	
Motor A Phase U Cross Conduction Fault - Low-Side	False	
Motor A Phase U Hardware Error Fault - High-Side	False	
Motor A Phase U Thermal Shutdown Fault - High-Side	False	
Motor A Phase U Over Current Fault - High-Side	False	
Motor A Phase U SPI Error Fault - High-Side	False	
Motor A Phase U Short 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 Thermal Warning 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 Over Current Fault - High-Side	False	
Motor A Phase V Thermal Shutdown Fault - High-Side	False	
Motor A Phase V Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor A Phase V Comm Error High Voltage Regulator Fault - High-Side	False	
Motor A Phase V Cross Conduction Fault - Low-Side	False	
Motor A Phase V Thermal Shutdown Fault - Low-Side	False	
Motor A Phase V Short Fault - Low-Side	False	
Motor A Phase V SPI Error Fault - Low-Side	False	
Motor A Phase W Over Current Fault - High-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 Hardware Error Fault - Low-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 Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor A Phase W Over Current Fault - Low-Side	False	
Motor A Phase W Thermal Warning Fault - High-Side	False	
Motor A Phase W Thermal Shutdown Fault - Low-Side	False	
Motor A Phase W Short Fault - High-Side	False	
Motor A Phase W Cross Conduction Fault - Low-Side	False	
Motor A Phase W Hardware Error Fault - Low-Side	False	
Motor A Phase W Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor A Phase W Thermal Shutdown Fault - High-Side	False	
Motor A Phase W Thermal Warning Fault - Low-Side	False	
Motor A Phase W SPI Error Fault - High-Side	False	
Motor A Phase W SPI Error Fault - Low-Side	False	
Hybrid System State	Propulsion System Active	
Inverter B Status Feedback	Normal On	
HV Contactor Status	Closed	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
EPT LOC Diag Enable	Enable LOC Diagnostic	
APM Status	Buck CV	
Impact Event	False	
HCP System Shutdown Command	Default	

J1772 Prox Detected State	Prox Out	
OBCM Operating Mode	UTC	
Inverter Status Feedback	Normal On	
Commanded Inverter A State	Torque Control	
Motor A Phase U Over Voltage Fault VH - High-Side	False	
Motor A Phase U Over Voltage Fault VDD - High-Side	False	
Motor A Phase U Under Voltage Fault VH - High-Side	False	
Motor A Phase U Under Voltage Fault VL - High-Side	False	
Motor A Phase U Over Voltage Fault VH - Low-Side	False	
Motor A Phase U Over Voltage Fault VL - High-Side	False	
Motor A Phase U Under Voltage Fault VDD - High-Side	False	
Motor A Phase U Under Voltage Fault VH - 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 V Over Voltage Fault VH - High-Side	False	
Motor A Phase U Over Voltage Fault VL - Low-Side	False	
Motor A Phase V Under Voltage Fault VL - High-Side	False	
Motor A Phase V Under Voltage Fault VDD - High-Side	False	
Motor A Phase U Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor A Phase V Over Voltage Fault VDD - High-SideSide	False	
Motor A Phase V Under Voltage Fault VH - High-Side	False	
Motor A Phase U Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor A Phase V Over Voltage Fault VL - High-Side	False	
Motor A Phase V Over Voltage Fault VH - Low-Side	False	
Motor A Phase V Under Voltage Fault VH - Low-Side	False	
Motor A Phase W Over Voltage Fault VH - High-Side	False	
Motor A Phase V Under Voltage Fault VL - Low-Side	False	
Motor A Phase V Over Voltage Fault VDD - Low-Side	False	
Motor A Phase W Cross Conduction Fault - High-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 V Under Voltage Fault VDD - Low-Side	False	
Motor A Phase W Under Voltage Fault VL - High-Side	False	
Motor A Phase W Comm Error High Voltage Regulator Fault - High-Side	False	
Motor A Phase W Over Voltage Fault VL - High-Side	False	
Motor A Phase W Under Voltage Fault VH - 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 Under Voltage Fault VH - Low-Side	False	
Motor A Phase W Over Voltage Fault VH - Low-Side	False	
Motor A Phase W Over Voltage Fault VL - Low-Side	False	
Motor A Phase W Under Voltage Fault VDD - Low-Side	False	
Motor A Phase W Comm Error High Voltage Regulator Fault - Low-Side	False	

Motor A Phase V Over Voltage Fault VL - Low-Side	False	
Inverter A Status Feedback	Normal On	
Motor A Phase W Under Voltage Fault VL - Low-Side	False	
Motor A Phase W Over Voltage Fault VDD - Low-Side	False	
Frequency Counter	1	
Real time clock	19960796	sec
Ignition Cycle Counter	0	
HV Battery SOC	24	%
RAM Stamps	58692	Min
Original Odometer Value	4631.5	miles
Engine Speed	1403	rpm
Vehicle Speed	22.4859	MPH
Most Recent Odometer Value	4631.5	miles
Accelerator Pedal Position	0	%
Available Motor Torque - Motor A	87.205	Ft-Lbs
Electric Motor A Speed	2766.5	rpm
RAM stamps keyOn	30	sec
Motor A - Inverter Current - phase A	72	AMP
Motor A - Inverter Current - phase C	-8	AMP
Barometric Pressure	15	PSI
Engine Coolant Temperature	167	°F
Actual Torque - Motor A	-16.224	Ft-Lbs
Motor A - Inverter Current - phase B	-68	AMP
Inverter A Input DC Current	-8.3	AMP
PIM DC Link Voltage - B	337	Volts
Internal EPS Voltage Sense B	8.136	Volts
PIM DC Link Voltage - A	339	Volts
Battery Feed Voltage 3 Sense	14.040	Volts
Low Temp Active Pump Speed	0	rpm
Motor A Resolver Supply Voltage Value	15.75	Volts
Battery Feed Voltage 1 Sense	14.184	Volts
Available Motor Torque - Motor B	235.988	Ft-Lbs
Passive Pump Coolant Temp In Sensor	97	°F
High Temp Aux Pump - Actual Speed	5976	rpm
Internal EPS Voltage Sense A	8.208	Volts
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Outside Air Temperature	89.6	°F
Battery Feed Voltage 2 Sense	14.184	Volts
Commanded Torque - Motor A	-16.316	Ft-Lbs
Motor B - Inverter Current - phase B	-40	AMP
Motor B Resolver Angle	136	Degree
Commanded Torque - Motor B	28.208	Ft-Lbs
Actual Torque - Motor B	28.669	Ft-Lbs
HV Battery Voltage from BPCM	337.50	Volts

Motor B - Inverter Current - phase A	-20	AMP
Available Regen Torque - Motor B	-235.988	Ft-Lbs
Motor B - Inverter Current - phase C	56	AMP
Inverter A IGBT Temperature for phase B	241	°F
Motor B Temp Sensor	153	°F
Inverter A IGBT Temperature for phase A	237	°F
Inverter A IGBT Temperature for phase C	232	°F
Electric Motor B Speed	2480.0	rpm
Inverter B IGBT Temperature for phase B	237	°F
HV Battery Sleep Time	0	Days
Inverter B IGBT Temperature for phase C	226	°F
Distance Travelled with Light ON	0	miles
Motor A Torque	-16.224	Ft-Lbs
GPS Date - Day	20	Days
GPS Date - Month	7	
GPS Date - Year	2021	Year
UTC Time - Seconds	1	seconds
Motor B Torque	28.669	Ft-Lbs
UTC Time - Minutes	57	
UTC Time - Hours	22	Hours
Inverter B IGBT Temperature for phase A	239	°F
ECU Time - Milliseconds	300	ms

HCP | P0A3D-00 | Stored | Drive Motor B Inverter Over Temperature-

NAME	VALUE	UNITS
DTC	0A 3D 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Confirmed DTC	True	
Pending DTC	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Test Not Completed Since Last Clear	False	
Brake Switch Status	Applied	
PHEV Charging Status	No Charging	
Ignition State	Reserved	
Propulsion System Active	True	
PRND Position Display	P	
Commanded Inverter B State	Torque Control	
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 Hardware Error Fault - High-Side	False	
Motor B Phase U Short Fault - Low-Side	False	
Motor B Phase U SPI Error 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	
Inverter B Status Feedback	Normal On	
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 V Short Fault - High-Side	False	
Motor B Phase V Over Current Fault - High-Side	False	
Motor B Phase V Cross Conduction Fault - High-Side	False	
Motor B Phase U Hardware Error Fault - Low-Side	False	
Motor B Phase U Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor B Phase V Thermal Shutdown Fault - High-Side	False	
Motor B Phase V Thermal Warning Fault - High-Side	False	
Motor B Phase U SPI Error Fault - Low-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 SPI Error 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 - Low-Side	False	
Motor B Phase V Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor B Phase V Over Current Fault - Low-Side	False	
Motor B Phase W Cross Conduction Fault - High-Side	False	
Motor B Phase V Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor B Phase V Thermal Shutdown 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 V Thermal Warning Fault - Low-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 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 Shutdown Fault - Low-Side	False	
Motor B Phase W Comm Error High Voltage Regulator Fault - Low-Side	False	

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

Motor B Phase W Under Voltage Fault VDD - High-Side	False	
Motor B Phase W Under Voltage Fault VL - High-Side	False	
Motor B Phase V Under Voltage Fault VL - Low-Side	False	
Motor B Phase W 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 VDD - Low-Side	False	
Motor B Phase W Thermal Shutdown Fault - High-Side	False	
Motor B Phase W Under Voltage Fault VL - Low-Side	False	
Motor B Phase W Over Voltage Fault VDD - Low-Side	False	
RAM stamps keyOn	0	sec
Real time clock	19961176	sec
RAM Stamps	58697	Min
Most Recent Odometer Value	4632.2	miles
Frequency Counter	2	
Accelerator Pedal Position	0	%
Original Odometer Value	4631.5	miles
Ignition Cycle Counter	0	
Electric Motor B Speed	3.0	rpm
Engine Speed	1394	rpm
Vehicle Speed	0.0000	MPH
Actual Torque - Motor B	-12.353	Ft-Lbs
HV Battery SOC	24	%
Inverter B Input DC Current	3.6	AMP
Available Motor Torque - Motor B	232.670	Ft-Lbs
Engine Coolant Temperature	205	°F
Motor B - Inverter Current - phase C	8	AMP
Motor B - Inverter Current - phase B	20	AMP
Barometric Pressure	15	PSI
Battery Feed Voltage 2 Sense	14.184	Volts
Motor B - Inverter Current - phase A	-32	AMP
Internal EPS Voltage Sense A	8.208	Volts
Motor B Resolver Supply Voltage Value	15.75	Volts
Internal EPS Voltage Sense B	8.136	Volts
Battery Feed Voltage 1 Sense	14.184	Volts
Battery Feed Voltage 3 Sense	14.040	Volts
Actual Torque - Motor A	-9.771	Ft-Lbs
Commanded Torque - Motor B	-12.353	Ft-Lbs
Motor A - Inverter Current - phase B	-32	AMP
Available Regen Torque - Motor A	-85.730	Ft-Lbs
Available Motor Torque - Motor A	85.730	Ft-Lbs
Commanded Torque - Motor A	-9.771	Ft-Lbs
Motor A Resolver Angle	116	Degree
Motor A - Inverter Current - phase C	-28	AMP

Available Regen Torque - Motor B	-232.670	Ft-Lbs
Motor A Temp Sensor	149	°F
Electric Motor A Speed	5796.0	rpm
Outside Air Temperature	89.6	°F
Motor A - Inverter Current - phase A	52	AMP
Inverter B IGBT Temperature for phase A	239	°F
HV Battery Voltage from BPCM	339.90	Volts
PIM DC Link Voltage - A	341	Volts
Inverter A IGBT Temperature for phase B	246	°F
Inverter B IGBT Temperature for phase C	216	°F
Inverter A IGBT Temperature for phase A	241	°F
HV Battery Sleep Time	0	Days
PIM DC Link Voltage - B	339	Volts
Inverter B IGBT Temperature for phase B	235	°F
Motor B Torque	-12.353	Ft-Lbs
Inverter A IGBT Temperature for phase C	232	°F
Distance Travelled with Light ON	0	miles
GPS Date - Day	20	Days
UTC Time - Seconds	0	seconds
GPS Date - Year	2021	Year
Motor A Torque	-9.771	Ft-Lbs
ECU Time - Milliseconds	531	ms
UTC Time - Minutes	4	
GPS Date - Month	7	
UTC Time - Hours	23	Hours

HCP | P0CEA-00 | Active | Hybrid/EV Electronics Coolant Pump "A" Performance-

NAME	VALUE	UNITS
DTC	0C EA 00	
Pending DTC	True	
Test Failed	True	
Test Failed This Operation Cycle	True	
Test Failed Since Last Clear	True	
Confirmed DTC	True	
Occurrence flag	Occurrence	
Warning Indicator Requested	True	
Test Not Completed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Ignition State	Reserved	
Propulsion System Active	False	
PRND Position Display	P	
Low Temp Passive Pump - Over Current	No Over Current	

Low Temp Passive Pump - RPM Monitoring	Rotation Monitoring Active	
Low Temp Passive Pump - Limp Home	True	
Low Temp Passive Pump - Voltage Error	Supply Voltage in Specified Range (Vbatt less than 20V)	
Low Temp Passive Pump - Post Running Mode Status	No Post Running	
Response Error	No Error	
Low Temp Passive Pump - Deblocking	Deblocking not Active	
Low Temp Passive Pump - Fail Safe	Fail Safe Not Activated	
Low Temp Passive Pump - Dry Run	No Dry Run Detected	
Low Temp Passive Pump - Over Temperature	No Over temperature	
Hybrid System State	Inverters Enabled	
CBC Wake-Up Input	Off	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HCP ePT Wake-Up Output	On	
HV Contactor Status	Closed	
Impact Event	False	
HCP System Shutdown Command	Default	
J1772 Prox Detected State	Prox Out	
OBCM Operating Mode	UTC	
APM Status	Idle	
Most Recent Odometer Value	4633.8	miles
Real time clock	20022110	sec
RAM Stamps	58735	Min
Ignition Cycle Counter	0	
Frequency Counter	2	
HV Battery SOC	28	%
Engine Speed	0	rpm
Accelerator Pedal Position	0	%
Low Temp Passive Pump - Current	0.0	AMP
RAM stamps keyOn	1215	sec
Vehicle Speed	0.0000	MPH
Barometric Pressure	15	PSI
Passive Pump Coolant Temp In Sensor	100	°F
Original Odometer Value	4631.0	miles
Low Temp Passive Pump - Target Speed	0	rpm
Engine Coolant Temperature	172	°F
Low Temp Passive Pump - Temperature	99	°F
Internal EPS Voltage Sense B	8.136	Volts
Low Temp Passive Pump - Actual Speed	0	rpm
Internal EPS Voltage Sense A	8.208	Volts
Low Temp Passive Pump - Voltage	12.4	Volts
Actual Torque - Motor A	0.000	Ft-Lbs
Battery Feed Voltage 2 Sense	12.456	Volts
Electric Motor A Speed	1.0	rpm
PIM DC Link Voltage - A	345	Volts

PIM DC Link Voltage - B	344	Volts
Battery Feed Voltage 3 Sense	12.384	Volts
Electric Motor B Speed	0.0	rpm
Actual Torque - Motor B	0.000	Ft-Lbs
Motor A - Inverter Current - phase A	-4	AMP
Available Motor Torque - Motor A	87.205	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Battery Feed Voltage 1 Sense	12.456	Volts
Motor A - Inverter Current - phase C	0	AMP
Motor A - Inverter Current - phase B	0	AMP
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor B - Inverter Current - phase A	-4	AMP
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Motor B Resolver Angle	98	Degree
Motor B - Inverter Current - phase C	0	AMP
Motor A Temp Sensor	108	°F
Motor B - Inverter Current - phase B	-4	AMP
Motor A Resolver Angle	192	Degree
Outside Air Temperature	86.0	°F
HV Battery Voltage from BPCM	344.50	Volts
Motor B Temp Sensor	91	°F
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Inverter B IGBT Temperature for phase A	120	°F
Inverter B IGBT Temperature for phase C	117	°F
Inverter A IGBT Temperature for phase B	120	°F
Inverter B IGBT Temperature for phase B	120	°F
Inverter A IGBT Temperature for phase A	118	°F
Motor B Torque	0.000	Ft-Lbs
Motor A Torque	0.000	Ft-Lbs
HV Battery Sleep Time	0	Days
Inverter A IGBT Temperature for phase C	118	°F
Distance Travelled with Light ON	3	miles
UTC Time - Hours	15	Hours
GPS Date - Month	7	
UTC Time - Minutes	59	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	456	ms
GPS Date - Day	21	Days
GPS Date - Year	2021	Year

HCP | U0623-00 | Stored | Lost Communication with Coolant Pump "A"-

NAME	VALUE	UNITS
Test Failed	False	

Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
DTC	C6 23 00	
Pending DTC	True	
Warning Indicator Requested	True	
Test Failed Since Last Clear	True	
Occurrence flag	Occurrence	
Test Failed This Operation Cycle	True	
PHEV Charging Status	No Charging	
Brake Switch Status	Not Applied	
PRND Position Display	P	
Propulsion System Active	False	
Ignition State	Reserved	
Chiller Shut-Off Valve Status	Off	
High Temperature Shut-Off Valve Status	Off	
Front Refrigerant Shut-Off Valve Status	Off	
Thermal System Enable State	On	
Hybrid System State	Inverters Enabled	
CBC Wake-Up Input	Off	
HV Contactor Status	Closed	
EPT LOC Diag Enable	Enable LOC Diagnostic	
APM Status	Idle	
Impact Event	False	
HCP System Shutdown Command	Default	
J1772 Prox Detected State	Prox Out	
OBCM Operating Mode	UTC	
Most Recent Odometer Value	4633.8	miles
Ignition Cycle Counter	0	
RAM stamps keyOn	0	sec
Original Odometer Value	4631.0	miles
HV Battery SOC	28	%
Real time clock	20023584	sec
RAM Stamps	58743	Min
Accelerator Pedal Position	0	%
Engine Speed	0	rpm
Frequency Counter	3	
Passive Pump Coolant Temp In Sensor	97	°F
Vehicle Speed	0.0000	MPH
Electric Coolant Heater Temp Sensor	109	°F
Engine Coolant Temperature	151	°F
Barometric Pressure	15	PSI
A/C Refrigerant Pressure	116.0	PSI
Heater Core Coolant Temp Sensor	127	°F

High Temp Cabin Valve Feedback	82.28	degrees
Motor B Temp Sensor	95	°F
Outside Air Temperature	86.0	°F
HV Coolant Heater - Measured Coolant Outlet Temp	131	°F
Low Temp Passive Pump - Temperature	77	°F
Motor A Temp Sensor	102	°F
EAC Compressor Speed	0	rpm
Battery Feed Voltage 2 Sense	12.312	Volts
Internal EPS Voltage Sense B	8.136	Volts
Internal EPS Voltage Sense A	8.208	Volts
Low Temp Active Pump - Temperature	86	°F
Radiator Fan Duty Cycle	7	%
HV Coolant Heater - Measured Coolant Inlet Temp	131	°F
Battery Feed Voltage 3 Sense	12.240	Volts
Actual Torque - Motor B	0.000	Ft-Lbs
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Battery Feed Voltage 1 Sense	12.240	Volts
Available Motor Torque - Motor A	87.205	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Motor A - Inverter Current - phase A	-4	AMP
Motor B - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase B	-4	AMP
Motor A Resolver Angle	220	Degree
Motor A - Inverter Current - phase C	0	AMP
Motor B Resolver Angle	80	Degree
Motor A - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase A	-4	AMP
HV Battery Voltage from BPCM	344.40	Volts
Electric Motor B Speed	0.5	rpm
Electric Motor A Speed	0.5	rpm
Inverter B IGBT Temperature for phase A	108	°F
Inverter A IGBT Temperature for phase A	108	°F
PIM DC Link Voltage - A	345	Volts
Inverter B IGBT Temperature for phase B	108	°F
PIM DC Link Voltage - B	344	Volts
Inverter A IGBT Temperature for phase C	108	°F
Inverter A IGBT Temperature for phase B	108	°F
Distance Travelled with Light ON	3	miles
Motor B Torque	0.000	Ft-Lbs
Inverter B IGBT Temperature for phase C	108	°F
Motor A Torque	0.000	Ft-Lbs

GPS Date - Day	21	Days
GPS Date - Month	7	
ECU Time - Milliseconds	993	ms
HV Battery Sleep Time	0	Days
GPS Date - Year	2021	Year
UTC Time - Hours	16	Hours
UTC Time - Seconds	0	seconds
UTC Time - Minutes	24	

SNAPSHOT DATA SUMMARY

No Snapshot Data available for B1975-00

No Snapshot Data available for P0A3C-00

No Snapshot Data available for P0A3D-00

No Snapshot Data available for P0CEA-00

No Snapshot Data available for U0623-00

VEHICLE SCAN REPORT

Vehicle 2021 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
VIN [redacted]

Odometer 4661.7 miles
Publication Date Jul 28, 2021, 1:35:25 PM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
PCM	Powertrain Control Module	CAN-C	68499122AE	[redacted]		68499122AE
PLGM	Power Liftgate	CAN-I	68466171AF			68466171AF
ICS	Integrated Center Stack	CAN-I	7AS341X8AA			7AS341X8AA
RFH	Radio Frequency Hub	CAN-C	68500152AA			68500152AA
ESM	Electronic Shifter	CAN-C	68240089AM			68240089AM
ORC	Occupant Restraint	CAN-C	68480710AC			68480710AC
EPS	Electric Power Steering	CAN-C	68460392AA			68460392AA
HVAC	Heat, Ventilation and A/C	CAN-I	68493454AE			68493454AE
DDM	Driver Door Module	CAN-I	68496461AB			68496461AB
PDM	Passenger Door Module	CAN-I	68496460AB			68496460AB
DMRL	Door Module Rear Left	CAN-I	68508894AB			68508894AB
DMRR	Door Module Rear Right	CAN-I	68508894AB			68508894AB
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AD			68369596AD
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AD			68369596AD
MSM	Memory Seat Module	CAN-I	68321862AC			68321862AC
CSWM	Comfort Seat Wheel Module	CAN-I	68517013AB			68517013AB
AMP	Amplifier	CAN-I	68448067AA			68448067AA
IPC	Instrument Panel Cluster	CAN-C	68434960AE			68434960AE
PTS	Parktronics	CAN-C	68485862AA			68485862AA

SCCM	Steering Column Control Module	CAN-C	68360889AD		68360889AD
BCM	Body Controller	CAN-C	68491085AG		68491085AG
ACC	Adaptive Cruise Control	CAN-C	68540436AA		68540436AA
RADIO	Radio	CAN-I	68465292AC		68465292AC
OCM	Occupant Classification	CAN-C	68403127AA		68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB		68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB		04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB		04672786AB
FFCM	Forward Facing Camera Module	CAN-C	68493395AA		68493395AA
EDM	External Disc Module	CAN-I	68499745AA		68499745AA
APM	Accessory Power Module	CAN-C	05185046AB		05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193183AE		05193183AE
HCP	Hybrid Control Processor	CAN-C	05185116AH		05185116AH
OBCM	On Board Charging Module	CAN-C	05185047AE		05185047AE
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC		68321862AC
DSM	Display Screen Module	CAN-I	68437339AD		68437339AD
VRM	Video Routing Module	CAN-I	68493702AA		68493702AA
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30DX9AA		6WL30DX9AA
CVPM	Central vision processing module	CAN-I	56029920AB		56029920AB
EAC	Electric A/C Compressor	CAN-C	68237995AG		68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05185117AH		05185117AH
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB		68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD		68471122AD
SGW	Security Gateway Module	CAN-C	68488429AB		68488429AB
TBM2	Telematic Box Module 2	CAN-C	68546266AB		68546266AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS

PCM	USA	1B 47	75 01 01	4422	F2DB13B9
PLGM	USA	0	5269	000200000031	
ICS	USA	0F 0C 00	13 31 01	4700	
RFH	USA / USA	10 17 00	13 26 00	4A00	
ESM	USA / USA	0F 24 00	12 28 FF	4402	
ORC	USA / USA	12 1A 00	13 2E 00	4301	
EPS	USA / USA	12 2A 00	12 1E 01	4502	
HVAC	USA	0E 09 00	14 2F 01	4401	
DDM	USA	11 07 00	14 07 00	4202	
PDM	USA	11 07 00	14 07 00	4202	
DMRL	USA / USA	10 0B 00	14 08 00	4201	
DMRR	USA / USA	10 0B 00	14 08 00	4201	
PSDML	USA / USA	10 17 00	14 10 12	4001	
PSDMR	USA / USA	10 17 00	14 10 12	4001	
MSM	USA	0F 2B 00	10 27 03	4101	
CSWM	USA	11 2A 00	14 25 00	4302	
AMP	USA	0F 06 01	12 2E 01	4021	
IPC	USA / USA	12 06 00	14 2B 00	4705	
PTS	USA	0E 32 00	14 07 00	4311	
SCCM	USA	13 28 00	13 29 00	4301	
BCM	USA	0D 11 00	14 26 90	4420	
ACC	USA / USA	14 12 01	14 26 01	4400	
RADIO		65	5175	000200000008	
OCM	USA / USA	11 1F 01	0E 2F 02	4030	
HVACR	USA	0E 09 00	10 03 02	4301	
LBSS	USA / USA	11 30 02	12 0D 00	4202	
RBSS	USA / USA	11 30 02	12 0D 00	4202	
FFCM	USA / USA	11 06 00	13 1E 00	4102	
EDM	USA	12 0A 00	11 08 00	4000	
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM	Not programmed / COUNTRY_SNA	0E 03 00	14 2C 00	4005	79855957
HCP	USA	11 1F 04	0F 2D 00	4006	879F1587 D754327D 050DC953
OBCM	USA	0F 0D 00	12 02 00	4002	
MSMP	USA	0F 2B 00	10 27 03	4001	
DSM	USA / USA	14 0C 00	14 28 00	4300	
VRM	USA / USA	0F 1C 00	14 1E 14	4001	
RCCC	USA	0F 1D 00	13 04 00	4000	
CVPM	USA / USA	11 27 01	14 0C 01	4004	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1F 04	0F 2D 00	4000	
EBBM	USA	0E 19 02	14 0D 18	4000	E5898FA5
ABSO	USA	0E 15 02	14 1B 26	4201	4F158D1B
SGW		5	969	4103	

TBM2	USA	13 0E 02	14 2A 5C	4104	

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
PCM	P0138	O2 Sensor 1/2 Circuit High	Pending
PCM	P1E09	Closed Loop Fueling Not Achieved - Bank 1 Downstream	Pending
HCP	P0CEA-00	Hybrid/EV Electronics Coolant Pump "A" Performance-	Pending
HCP	U0623-00	Lost Communication with Coolant Pump "A"-	Pending

ENVIRONMENTAL DATA SUMMARY

PCM | P0138 | Pending | O2 Sensor 1/2 Circuit High

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

PCM | P1E09 | Pending | Closed Loop Fueling Not Achieved - Bank 1 Downstream

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

HCP | P0CEA-00 | Pending | Hybrid/EV Electronics Coolant Pump "A" Performance-

NAME	VALUE	UNITS
DTC	0C EA 00	

Pending DTC	True	
Test Failed This Operation Cycle	True	
Confirmed DTC	False	
Occurrence flag		
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Brake Switch Status		
PHEV Charging Status		
Test Failed	False	
Ignition State		
Test Not Completed Since Last Clear	False	
Propulsion System Active		
Test Failed Since Last Clear	True	
Low Temp Passive Pump - Limp Home		
PRND Position Display		
Low Temp Passive Pump - Dry Run		
Low Temp Passive Pump - Over Current		
Low Temp Passive Pump - Over Temperature		
Low Temp Passive Pump - Voltage Error		
Low Temp Passive Pump - Deblocking		
Low Temp Passive Pump - Fail Safe		
Low Temp Passive Pump - RPM Monitoring		
Response Error		
Low Temp Passive Pump - Post Running Mode Status		
Hybrid System State		
HCP ePT Wake-Up Output		
EPT LOC Diag Enable		
HV Contactor Status		
APM Status		
Impact Event		
OBCM Operating Mode		
J1772 Prox Detected State		
HCP System Shutdown Command		
CBC Wake-Up Input		
Ignition Cycle Counter		
Frequency Counter		
RAM Stamps		Min
Original Odometer Value		miles
Real time clock		sec
Vehicle Speed		MPH
Barometric Pressure		PSI
Low Temp Passive Pump - Target Speed		rpm
Low Temp Passive Pump - Actual Speed		rpm
Low Temp Passive Pump - Voltage		Volts

Low Temp Passive Pump - Temperature		°F
Most Recent Odometer Value		miles
HV Battery SOC		%
Accelerator Pedal Position		%
RAM stamps keyOn		sec
Low Temp Passive Pump - Current		AMP
Engine Coolant Temperature		°F
Battery Feed Voltage 2 Sense		Volts
Engine Speed		rpm
Internal EPS Voltage Sense B		Volts
Passive Pump Coolant Temp In Sensor		°F
Electric Motor B Speed		rpm
Actual Torque - Motor B		Ft-Lbs
Battery Feed Voltage 3 Sense		Volts
Internal EPS Voltage Sense A		Volts
PIM DC Link Voltage - B		Volts
Electric Motor A Speed		rpm
Actual Torque - Motor A		Ft-Lbs
PIM DC Link Voltage - A		Volts
Available Regen Torque - Motor A		Ft-Lbs
Battery Feed Voltage 1 Sense		Volts
Motor B - Inverter Current - phase A		AMP
Motor B - Inverter Current - phase B		AMP
Motor A - Inverter Current - phase B		AMP
Motor A - Inverter Current - phase C		AMP
Available Motor Torque - Motor A		Ft-Lbs
Commanded Torque - Motor B		Ft-Lbs
Motor A - Inverter Current - phase A		AMP
Commanded Torque - Motor A		Ft-Lbs
Motor A Temp Sensor		°F
Motor B - Inverter Current - phase C		AMP
Available Motor Torque - Motor B		Ft-Lbs
HV Battery Voltage from BPCM		Volts
Motor B Resolver Angle		Degree
Outside Air Temperature		°F
Motor B Temp Sensor		°F
Inverter A IGBT Temperature for phase C		°F
Inverter A IGBT Temperature for phase A		°F
Motor A Resolver Angle		Degree
Inverter B IGBT Temperature for phase A		°F
Inverter B IGBT Temperature for phase B		°F
GPS Date - Year		Year
Inverter B IGBT Temperature for phase C		°F
GPS Date - Day		Days

Motor A Torque		Ft-Lbs
GPS Date - Month		
Inverter A IGBT Temperature for phase B		°F
Motor B Torque		Ft-Lbs
Available Regen Torque - Motor B		Ft-Lbs
HV Battery Sleep Time		Days
UTC Time - Seconds		seconds
Distance Travelled with Light ON		miles
UTC Time - Hours		Hours
ECU Time - Milliseconds		ms
UTC Time - Minutes		

HCP | U0623-00 | Pending | Lost Communication with Coolant Pump "A"-

NAME	VALUE	UNITS
DTC	C6 23 00	
Pending DTC	True	
Test Failed This Operation Cycle	True	
Test Failed Since Last Clear	True	
Test Failed	False	
Warning Indicator Requested	False	
Occurrence flag		
Test Not Completed Since Last Clear	False	
Brake Switch Status		
Ignition State		
PRND Position Display		
Propulsion System Active		
PHEV Charging Status		
Confirmed DTC	False	
Front Refrigerant Shut-Off Valve Status		
Chiller Shut-Off Valve Status		
Thermal System Enable State		
Test Not Completed This Operation Cycle	False	
High Temperature Shut-Off Valve Status		
Hybrid System State		
CBC Wake-Up Input		
HV Contactor Status		
EPT LOC Diag Enable		
Impact Event		
APM Status		
HCP System Shutdown Command		
OBCM Operating Mode		
J1772 Prox Detected State		
Engine Speed		rpm
Real time clock		sec

Accelerator Pedal Position		%
Original Odometer Value		miles
Frequency Counter		
RAM Stamps		Min
HV Battery SOC		%
A/C Refrigerant Pressure		PSI
Vehicle Speed		MPH
Barometric Pressure		PSI
Most Recent Odometer Value		miles
Ignition Cycle Counter		
EAC Compressor Speed		rpm
Engine Coolant Temperature		°F
Passive Pump Coolant Temp In Sensor		°F
High Temp Cabin Valve Feedback		degrees
Low Temp Passive Pump - Temperature		°F
Heater Core Coolant Temp Sensor		°F
Battery Feed Voltage 2 Sense		Volts
Battery Feed Voltage 3 Sense		Volts
Internal EPS Voltage Sense B		Volts
HV Coolant Heater - Measured Coolant Inlet Temp		°F
Internal EPS Voltage Sense A		Volts
HV Coolant Heater - Measured Coolant Outlet Temp		°F
RAM stamps keyOn		sec
Electric Coolant Heater Temp Sensor		°F
Low Temp Active Pump - Temperature		°F
Outside Air Temperature		°F
Motor B Temp Sensor		°F
Radiator Fan Duty Cycle		%
Motor A Temp Sensor		°F
Battery Feed Voltage 1 Sense		Volts
Available Motor Torque - Motor A		Ft-Lbs
Commanded Torque - Motor A		Ft-Lbs
Available Regen Torque - Motor A		Ft-Lbs
Available Regen Torque - Motor B		Ft-Lbs
Motor A - Inverter Current - phase B		AMP
Motor A - Inverter Current - phase A		AMP
Motor A - Inverter Current - phase C		AMP
Commanded Torque - Motor B		Ft-Lbs
Motor B - Inverter Current - phase A		AMP
Available Motor Torque - Motor B		Ft-Lbs
Motor B Resolver Angle		Degree
Motor A Resolver Angle		Degree
Electric Motor A Speed		rpm
Actual Torque - Motor B		Ft-Lbs

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

SNAPSHOT DATA SUMMARY

No Snapshot Data available for P0138

No Snapshot Data available for P1E09

No Snapshot Data available for P0CEA-00

No Snapshot Data available for U0623-00



VEHICLE SCAN REPORT

Vehicle 2021 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
VIN [redacted]

Odometer 4174.3 miles
Publication Date Jul 13, 2021, 2:15:20 PM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
PCM	Powertrain Control Module	CAN-C	68499122AD	[redacted]		68499122AD
PLGM	Power Liftgate	CAN-I	68466171AF			68466171AF
ICS	Integrated Center Stack	CAN-I	7AS341X8AA			7AS341X8AA
RFH	Radio Frequency Hub	CAN-C	68500152AA			68500152AA
ESM	Electronic Shifter	CAN-C	68240089AM			68240089AM
ORC	Occupant Restraint	CAN-C	68480710AC			68480710AC
EPS	Electric Power Steering	CAN-C	68460392AA			68460392AA
HVAC	Heat, Ventilation and A/C	CAN-I	68493454AE			68493454AE
DDM	Driver Door Module	CAN-I	68496461AB			68496461AB
PDM	Passenger Door Module	CAN-I	68496460AB			68496460AB
DMRL	Door Module Rear Left	CAN-I	68508894AB			68508894AB
DMRR	Door Module Rear Right	CAN-I	68508894AB			68508894AB
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AD			68369596AD
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AD			68369596AD
MSM	Memory Seat Module	CAN-I	68321862AC			68321862AC
CSWM	Comfort Seat Wheel Module	CAN-I	68517013AB			68517013AB
AMP	Amplifier	CAN-I	68448067AA			68448067AA
IPC	Instrument Panel Cluster	CAN-C	68434960AE			68434960AE
PTS	Parktronics	CAN-C	68485862AA			68485862AA

SCCM	Steering Column Control Module	CAN-C	68360889AD		68360889AD
BCM	Body Controller	CAN-C	68491085AG		68491085AG
ACC	Adaptive Cruise Control	CAN-C	68540436AA		68540436AA
RADIO	Radio	CAN-I	68465292AC		68465292AC
OCM	Occupant Classification	CAN-C	68403127AA		68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB		68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB		04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB		04672786AB
FFCM	Forward Facing Camera Module	CAN-C	68493395AA		68493395AA
EDM	External Disc Module	CAN-I	68499745AA		68499745AA
APM	Accessory Power Module	CAN-C	05185046AB		05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193183AE		05193183AE
HCP	Hybrid Control Processor	CAN-C	05185116AF		05185116AF
OBCM	On Board Charging Module	CAN-C	05185047AE		05185047AE
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC		68321862AC
DSM	Display Screen Module	CAN-I	68437339AD		68437339AD
VRM	Video Routing Module	CAN-I	68493702AA		68493702AA
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30DX9AA		6WL30DX9AA
CVPM	Central vision processing module	CAN-I	56029920AB		56029920AB
EAC	Electric A/C Compressor	CAN-C	68237995AG		68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05185117AF		05185117AF
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB		68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD		68471122AD
SGW	Security Gateway Module	CAN-C	68488429AB		68488429AB
TBM2	Telematic Box Module 2	CAN-C	68546266AB		68546266AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS

PCM	USA	1B 47	75 00 01	4422	941DFC50
PLGM	USA	0	5269	000200000031	
ICS	USA	0F 0C 00	13 31 01	4700	
RFH	USA / USA	10 17 00	13 26 00	4A00	
ESM	USA / USA	0F 24 00	12 28 FF	4402	
ORC	USA / USA	12 1A 00	13 2E 00	4301	
EPS	USA / USA	12 2A 00	12 1E 01	4502	
HVAC	USA	0E 09 00	14 2F 01	4401	
DDM	USA	11 07 00	14 07 00	4202	
PDM	USA	11 07 00	14 07 00	4202	
DMRL	USA / USA	10 0B 00	14 08 00	4201	
DMRR	USA / USA	10 0B 00	14 08 00	4201	
PSDML	USA / USA	10 17 00	14 10 12	4001	
PSDMR	USA / USA	10 17 00	14 10 12	4001	
MSM	USA	0F 2B 00	10 27 03	4101	
CSWM	USA	11 2A 00	14 25 00	4302	
AMP	USA	0F 06 01	12 2E 01	4021	
IPC	USA / USA	12 06 00	14 2B 00	4705	
PTS	USA	0E 32 00	14 07 00	4311	
SCCM	USA	13 28 00	13 29 00	4301	
BCM	USA	0D 11 00	14 26 90	4420	
ACC	USA / USA	14 12 01	14 26 01	4400	
RADIO		65	5175	000200000008	
OCM	USA / USA	11 1F 01	0E 2F 02	4030	
HVACR	USA	0E 09 00	10 03 02	4301	
LBSS	USA / USA	11 30 02	12 0D 00	4202	
RBSS	USA / USA	11 30 02	12 0D 00	4202	
FFCM	USA / USA	11 06 00	13 1E 00	4102	
EDM	USA	12 0A 00	11 08 00	4000	
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM	Not programmed / COUNTRY_SNA	0E 03 00	14 2C 00	4005	79855957
HCP	USA	11 1F 04	0F 2D 00	4006	FE120BB2 29C5A4AB 050DC953
OBCM	USA	0F 0D 00	12 02 00	4002	
MSMP	USA	0F 2B 00	10 27 03	4001	
DSM	USA / USA	14 0C 00	14 28 00	4300	
VRM	USA / USA	0F 1C 00	14 1E 14	4001	
RCCC	USA	0F 1D 00	13 04 00	4000	
CVPM	USA / USA	11 27 01	14 0C 01	4004	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1F 04	0F 2D 00	4000	
EBBM	USA	0E 19 02	14 0D 18	4000	E5898FA5
ABSO	USA	0E 15 02	14 1B 26	4201	4F158D1B
SGW		5	969	4103	

TBM2	USA	13 0E 02	14 2A 5C	4104	

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
PCM	P2097	Downstream Fuel Trim System 1 Rich	Pending
PCM	P0138	O2 Sensor 1/2 Circuit High	Stored
PCM	P1E09	Closed Loop Fueling Not Achieved - Bank 1 Downstream	Stored
PLGM	B1975-00	Power Liftgate Latch Cinch - Ratchet Secondary Switch Performance-	Stored
HCP	P0A3C-00	Drive Motor A Inverter Over Temperature-	Stored
HCP	P0A3D-00	Drive Motor B Inverter Over Temperature-	Stored
HCP	P0CEA-00	Hybrid/EV Electronics Coolant Pump "A" Performance-	Stored
HCP	U0623-00	Lost Communication with Coolant Pump "A"-	Stored
DSM	B156D-00	Low Voltage Differential Signal (LVDS) Video Cable-	Stored

ENVIRONMENTAL DATA SUMMARY

PCM | P2097 | Pending | Downstream Fuel Trim System 1 Rich

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

PCM | P0138 | Stored | O2 Sensor 1/2 Circuit High

NAME	VALUE	UNITS
DTC Readiness Flag	Not Complete	
DTC	01 38	
DTC Storage State	Stored	
Warning Indicator Request State	Off	
Accumulation Timer	586	minutes
Odometer	1753.8	miles
Number of DTC	1	
Ignition Key Cycles	7	
Starts Since Set Counter	6	
Good Trip Counter	4	
Key Cycles Since DTC Last Set Counter	8	

Warm Up Cycles	1	

PCM | P1E09 | Stored | Closed Loop Fueling Not Achieved - Bank 1 Downstream

NAME	VALUE	UNITS
DTC	1E 09	
DTC Readiness Flag	Not Complete	
DTC Storage State	Stored	
Warning Indicator Request State	Off	
Number of DTC	1	
Odometer	1753.8	miles
Accumulation Timer	844	minutes
Ignition Key Cycles	7	
Starts Since Set Counter	6	
Warm Up Cycles	1	
Good Trip Counter	4	
Key Cycles Since DTC Last Set Counter	8	

PLGM | B1975-00 | Stored | Power Liftgate Latch Cinch - Ratchet Secondary Switch Performance-

NAME	VALUE	UNITS

HCP | P0A3C-00 | Stored | Drive Motor A Inverter Over Temperature-

NAME	VALUE	UNITS
Test Failed	False	
DTC	0A 3C 00	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed This Operation Cycle	False	
Test Failed Since Last Clear	True	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Brake Switch Status	Applied	
Test Not Completed Since Last Clear	False	
Test Failed This Operation Cycle	False	
PHEV Charging Status	No Charging	
Ignition State	Reserved	
Propulsion System Active	True	
PRND Position Display	D	
Motor A Phase U Thermal Shutdown Fault - High-Side	False	
Motor A Phase U Short Fault - High-Side	False	
Motor A Phase U Cross Conduction Fault - High-Side	False	
Motor A Phase U Over Current Fault - High-Side	False	
Motor A Phase U Comm Error High Voltage Regulator Fault - High-Side	False	
Motor A Phase U Thermal Warning 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 Comm Error Low Voltage Regulator Fault - High-Side	False
Motor A Phase U SPI Error Fault - High-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 U SPI Error Fault - Low-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 Thermal Warning Fault - High-Side	False
Motor A Phase U Hardware Error Fault - Low-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 Comm Error Low Voltage Regulator Fault - High-Side	False
Motor A Phase V SPI Error Fault - High-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 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 V Hardware Error Fault - Low-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 Thermal Shutdown Fault - High-Side	False
Motor A Phase W Comm Error Low Voltage Regulator Fault - High-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 SPI Error Fault - High-Side	False
Motor A Phase W SPI Error Fault - Low-Side	False
Motor A Phase W Hardware Error Fault - Low-Side	False
Motor A Phase W Comm Error Low Voltage Regulator Fault - Low-Side	False
Hybrid System State	Propulsion System Active
HV Contactor Status	Closed
Inverter B Status Feedback	Normal On
EPT LOC Diag Enable	Enable LOC Diagnostic

HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
APM Status	Buck CV	
Impact Event	False	
HCP System Shutdown Command	Default	
J1772 Prox Detected State	Prox Out	
Motor A Phase U Over Voltage Fault VH - High-Side	False	
Commanded Inverter A State	Torque Control	
OBCM Operating Mode	UTC	
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 Under Voltage Fault VH - High-Side	False	
Inverter Status Feedback	Normal On	
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 VDD - High-Side	False	
Motor A Phase U Under Voltage Fault VDD - High-Side	False	
Motor A Phase V Over Voltage Fault VH - High-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 Over Voltage Fault VL - Low-Side	False	
Motor A Phase U Under Voltage Fault VL - Low-Side	False	
Motor A Phase V Under Voltage Fault VH - High-Side	False	
Motor A Phase U Comm Error Low Voltage Regulator Fault - Low-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 - High-Side	False	
Motor A Phase V Under Voltage Fault VL - High-Side	False	
Motor A Phase V Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor A Phase V Under Voltage Fault VDD - Low-Side	False	
Motor A Phase V Over Voltage Fault VDD - Low-Side	False	
Motor A Phase V Over Voltage Fault VL - Low-Side	False	
Motor A Phase V Under Voltage Fault VL - Low-Side	False	
Motor A Phase 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 VL - High-Side	False	
Motor A Phase W Over Voltage Fault VDD - High-Side	False	
Motor A Phase W Under Voltage Fault VH - Low-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 VDD - 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 Comm Error High Voltage Regulator Fault - High-Side	False	
Motor A Phase W Over Voltage Fault VH - Low-Side	False	
Motor A Phase W Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor A Phase W Over Voltage Fault VDD - Low-Side	False	
Motor A Phase W Under Voltage Fault VDD - High-Side	False	
Inverter A Status Feedback	Normal On	
Original Odometer Value	3947.2	miles
Frequency Counter	5	
Real time clock	19185196	sec
Most Recent Odometer Value	4136.0	miles
RAM Stamps	56956	Min
Engine Speed	1397	rpm
RAM stamps keyOn	150	sec
Accelerator Pedal Position	0	%
Ignition Cycle Counter	15	
Actual Torque - Motor A	-14.012	Ft-Lbs
Available Motor Torque - Motor A	85.730	Ft-Lbs
Barometric Pressure	14	PSI
Vehicle Speed	4.3545	MPH
Engine Coolant Temperature	198	°F
Electric Motor A Speed	5215.5	rpm
HV Battery SOC	33	%
Motor A - Inverter Current - phase C	-60	AMP
Motor A - Inverter Current - phase B	64	AMP
Motor A - Inverter Current - phase A	-8	AMP
Inverter A Input DC Current	-19.3	AMP
Battery Feed Voltage 3 Sense	14.400	Volts
PIM DC Link Voltage - B	347	Volts
Internal EPS Voltage Sense A	8.208	Volts
Internal EPS Voltage Sense B	8.136	Volts
Motor A Resolver Supply Voltage Value	15.75	Volts
Passive Pump Coolant Temp In Sensor	122	°F
PIM DC Link Voltage - A	349	Volts
Battery Feed Voltage 2 Sense	14.472	Volts
Low Temp Active Pump Speed	0	rpm
Actual Torque - Motor B	-13.643	Ft-Lbs
Battery Feed Voltage 1 Sense	14.472	Volts
Available Motor Torque - Motor B	235.988	Ft-Lbs
Outside Air Temperature	82.4	°F
High Temp Aux Pump - Actual Speed	3000	rpm
Motor B - Inverter Current - phase C	-16	AMP

Motor B - Inverter Current - phase B	-24	AMP
Motor B Temp Sensor	162	°F
Commanded Torque - Motor A	-13.920	Ft-Lbs
Available Regen Torque - Motor B	-235.988	Ft-Lbs
Commanded Torque - Motor B	-14.196	Ft-Lbs
Available Regen Torque - Motor A	-85.730	Ft-Lbs
HV Battery Voltage from BPCM	348.00	Volts
Inverter A IGBT Temperature for phase B	237	°F
Motor B Resolver Angle	100	Degree
Inverter B IGBT Temperature for phase A	230	°F
Inverter A IGBT Temperature for phase C	234	°F
Motor B - Inverter Current - phase A	32	AMP
Electric Motor B Speed	493.5	rpm
Motor A Torque	-14.012	Ft-Lbs
Motor B Torque	-13.643	Ft-Lbs
Inverter A IGBT Temperature for phase A	241	°F
HV Battery Sleep Time	0	Days
Distance Travelled with Light ON	0	miles
Inverter B IGBT Temperature for phase B	230	°F
Inverter B IGBT Temperature for phase C	214	°F
GPS Date - Month	7	
UTC Time - Hours	23	Hours
GPS Date - Day	11	Days
ECU Time - Milliseconds	31	ms
UTC Time - Seconds	0	seconds
UTC Time - Minutes	31	
GPS Date - Year	2021	Year

HCP | P0A3D-00 | Stored | Drive Motor B Inverter Over Temperature-

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

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

Motor B Phase V Under Voltage Fault VL - 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 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 VDD - High-Side	False	
Motor B Phase W Thermal Shutdown Fault - High-Side	False	
Motor B Phase W Over Voltage Fault VDD - High-Side	False	
Motor B Phase W Under Voltage Fault VH - High-Side	False	
Motor B Phase W Over Voltage Fault VL - Low-Side	False	
Motor B Phase W Under Voltage Fault VL - Low-Side	False	
Motor B Phase W Under Voltage Fault VDD - Low-Side	False	
Motor B Phase W Over Voltage Fault VDD - Low-Side	False	
Motor B Phase W Over Voltage Fault VH - Low-Side	False	
Motor B Phase W Under Voltage Fault VH - Low-Side	False	
Original Odometer Value	3947.3	miles
Most Recent Odometer Value	4136.0	miles
Frequency Counter	5	
Real time clock	19185204	sec
RAM stamps keyOn	150	sec
Ignition Cycle Counter	15	
Engine Coolant Temperature	198	°F
RAM Stamps	56956	Min
Engine Speed	1399	rpm
Barometric Pressure	14	PSI
Actual Torque - Motor B	-14.288	Ft-Lbs
Accelerator Pedal Position	0	%
Electric Motor B Speed	434.0	rpm
HV Battery SOC	33	%
Motor B - Inverter Current - phase B	-36	AMP
Motor B - Inverter Current - phase C	12	AMP
Available Motor Torque - Motor B	235.988	Ft-Lbs
Inverter B Input DC Current	1.5	AMP
Motor B - Inverter Current - phase A	16	AMP
Battery Feed Voltage 2 Sense	14.544	Volts
Motor B Resolver Supply Voltage Value	15.75	Volts
Vehicle Speed	3.8447	MPH
Internal EPS Voltage Sense B	8.136	Volts
Internal EPS Voltage Sense A	8.208	Volts
Battery Feed Voltage 1 Sense	14.544	Volts
Commanded Torque - Motor B	-14.934	Ft-Lbs
Battery Feed Voltage 3 Sense	14.400	Volts
Motor A - Inverter Current - phase A	72	AMP
Available Motor Torque - Motor A	85.730	Ft-Lbs

Actual Torque - Motor A	-15.395	Ft-Lbs
Commanded Torque - Motor A	-15.302	Ft-Lbs
Available Regen Torque - Motor A	-85.730	Ft-Lbs
Available Regen Torque - Motor B	-235.988	Ft-Lbs
Motor A - Inverter Current - phase B	-40	AMP
Motor A Resolver Angle	120	Degree
Outside Air Temperature	82.4	°F
Inverter A IGBT Temperature for phase A	252	°F
PIM DC Link Voltage - A	349	Volts
Motor A Temp Sensor	162	°F
Motor A - Inverter Current - phase C	-36	AMP
Electric Motor A Speed	5288.0	rpm
Inverter A IGBT Temperature for phase B	252	°F
PIM DC Link Voltage - B	347	Volts
HV Battery Voltage from BPCM	348.40	Volts
Inverter B IGBT Temperature for phase A	239	°F
Inverter B IGBT Temperature for phase C	225	°F
Inverter A IGBT Temperature for phase C	241	°F
Inverter B IGBT Temperature for phase B	237	°F
HV Battery Sleep Time	0	Days
Distance Travelled with Light ON	0	miles
GPS Date - Day	11	Days
Motor B Torque	-14.288	Ft-Lbs
Motor A Torque	-15.395	Ft-Lbs
UTC Time - Minutes	31	
UTC Time - Hours	23	Hours
ECU Time - Milliseconds	56	ms
GPS Date - Year	2021	Year
GPS Date - Month	7	
UTC Time - Seconds	0	seconds

HCP | P0CEA-00 | Stored | Hybrid/EV Electronics Coolant Pump "A" Performance-

NAME	VALUE	UNITS
Pending DTC	False	
Test Failed	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	
DTC	0C EA 00	
PHEV Charging Status	No Charging	
Ignition State	Ignition Lock	

PRND Position Display	P	
Brake Switch Status	Not Applied	
Test Failed This Operation Cycle	False	
Propulsion System Active	False	
Low Temp Passive Pump - RPM Monitoring	Rotation Monitoring Active	
Low Temp Passive Pump - Limp Home	False	
Low Temp Passive Pump - Over Temperature	No Over temperature	
Low Temp Passive Pump - Over Current	No Over Current	
Low Temp Passive Pump - Voltage Error	Supply Voltage in Specified Range (Vbatt less than 20V)	
Low Temp Passive Pump - Dry Run	No Dry Run Detected	
Low Temp Passive Pump - Deblocking	Deblocking not Active	
Low Temp Passive Pump - Fail Safe	Fail Safe Activated	
Response Error	No Error	
Low Temp Passive Pump - Post Running Mode Status	No Post Running	
Hybrid System State	High Voltage Enabled	
CBC Wake-Up Input	Off	
HV Contactor Status	Closed	
EPT LOC Diag Enable	Enable Limited LOC Diagnostic	
HCP ePT Wake-Up Output	On	
Impact Event	False	
APM Status	Buck CV	
HCP System Shutdown Command	Default	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Original Odometer Value	3946.7	miles
Ignition Cycle Counter	1	
Real time clock	19185048	sec
RAM stamps keyOn	90	sec
Engine Speed	0	rpm
HV Battery SOC	33	%
Accelerator Pedal Position	0	%
RAM Stamps	56955	Min
Frequency Counter	3	
Low Temp Passive Pump - Voltage	12.0	Volts
Engine Coolant Temperature	176	°F
Most Recent Odometer Value	4136.0	miles
Vehicle Speed	0.0000	MPH
Low Temp Passive Pump - Target Speed	504	rpm
Barometric Pressure	15	PSI
Battery Feed Voltage 3 Sense	14.184	Volts
Actual Torque - Motor B	0.000	Ft-Lbs
Electric Motor A Speed	0.5	rpm
Low Temp Passive Pump - Current	2.0	AMP
Passive Pump Coolant Temp In Sensor	131	°F

Internal EPS Voltage Sense A	8.208	Volts
Low Temp Passive Pump - Actual Speed	192	rpm
Low Temp Passive Pump - Temperature	77	°F
PIM DC Link Voltage - A	346	Volts
Internal EPS Voltage Sense B	8.136	Volts
Electric Motor B Speed	0.0	rpm
Battery Feed Voltage 2 Sense	14.400	Volts
Actual Torque - Motor A	0.000	Ft-Lbs
PIM DC Link Voltage - B	345	Volts
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Motor Torque - Motor A	87.205	Ft-Lbs
Battery Feed Voltage 1 Sense	14.400	Volts
Motor A - Inverter Current - phase A	-4	AMP
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Motor A - Inverter Current - phase C	0	AMP
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Motor A Resolver Angle	54	Degree
Motor A - Inverter Current - phase B	-4	AMP
Motor A Temp Sensor	154	°F
Motor B Temp Sensor	158	°F
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor B Resolver Angle	112	Degree
Outside Air Temperature	131.0	°F
Motor B - Inverter Current - phase B	-4	AMP
Inverter A IGBT Temperature for phase A	145	°F
Motor B - Inverter Current - phase C	0	AMP
HV Battery Voltage from BPCM	345.40	Volts
Inverter B IGBT Temperature for phase A	145	°F
Motor B - Inverter Current - phase A	-4	AMP
Distance Travelled with Light ON	0	miles
Inverter A IGBT Temperature for phase C	144	°F
Motor A Torque	0.000	Ft-Lbs
Inverter A IGBT Temperature for phase B	144	°F
Inverter B IGBT Temperature for phase B	144	°F
Inverter B IGBT Temperature for phase C	144	°F
HV Battery Sleep Time	0	Days
UTC Time - Hours	23	Hours
UTC Time - Minutes	29	
GPS Date - Month	7	
GPS Date - Year	2021	Year
GPS Date - Day	11	Days
UTC Time - Seconds	0	seconds
Motor B Torque	0.000	Ft-Lbs

ECU Time - Milliseconds	563	ms

HCP | U0623-00 | Stored | Lost Communication with Coolant Pump "A"-

NAME	VALUE	UNITS
DTC	C6 23 00	
Test Failed	False	
Confirmed DTC	True	
Pending DTC	False	
Test Failed This Operation Cycle	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Test Not Completed Since Last Clear	False	
Brake Switch Status	Not Applied	
PRND Position Display	P	
Propulsion System Active	False	
PHEV Charging Status	No Charging	
Ignition State	Ignition Lock	
Thermal System Enable State	On	
Front Refrigerant Shut-Off Valve Status	Off	
High Temperature Shut-Off Valve Status	On	
Chiller Shut-Off Valve Status	On	
Hybrid System State	High Voltage Enabled	
EPT LOC Diag Enable	Enable Limited LOC Diagnostic	
HV Contactor Status	Closed	
CBC Wake-Up Input	On	
APM Status	Buck CV	
Impact Event	False	
HCP System Shutdown Command	Default	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Original Odometer Value	3946.7	miles
Ignition Cycle Counter	1	
Most Recent Odometer Value	4136.0	miles
RAM stamps keyOn	90	sec
Frequency Counter	13	
Accelerator Pedal Position	0	%
RAM Stamps	56955	Min
A/C Refrigerant Pressure	116.0	PSI
Passive Pump Coolant Temp In Sensor	131	°F
Electric Coolant Heater Temp Sensor	115	°F
Vehicle Speed	0.0000	MPH
Engine Speed	0	rpm

HV Battery SOC	33	%
Real time clock	19185048	sec
Motor A Temp Sensor	154	°F
Heater Core Coolant Temp Sensor	151	°F
Engine Coolant Temperature	176	°F
EAC Compressor Speed	0	rpm
Barometric Pressure	15	PSI
Motor B Temp Sensor	158	°F
High Temp Cabin Valve Feedback	99.21	degrees
Outside Air Temperature	131.0	°F
HV Coolant Heater - Measured Coolant Outlet Temp	136	°F
Internal EPS Voltage Sense B	8.136	Volts
Radiator Fan Duty Cycle	50	%
Low Temp Active Pump - Temperature	102	°F
Battery Feed Voltage 2 Sense	14.400	Volts
Low Temp Passive Pump - Temperature	77	°F
HV Coolant Heater - Measured Coolant Inlet Temp	136	°F
Internal EPS Voltage Sense A	8.208	Volts
Battery Feed Voltage 3 Sense	14.184	Volts
Actual Torque - Motor B	0.000	Ft-Lbs
Battery Feed Voltage 1 Sense	14.400	Volts
Available Motor Torque - Motor A	87.205	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor A - Inverter Current - phase A	0	AMP
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Motor A - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor A Resolver Angle	54	Degree
Motor B - Inverter Current - phase C	-4	AMP
Motor A - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase B	-4	AMP
PIM DC Link Voltage - B	345	Volts
PIM DC Link Voltage - A	346	Volts
Electric Motor A Speed	0.5	rpm
Motor B Resolver Angle	112	Degree
Electric Motor B Speed	0.0	rpm
HV Battery Voltage from BPCM	345.40	Volts
Inverter A IGBT Temperature for phase C	144	°F
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
Inverter B IGBT Temperature for phase A	145	°F

GPS Date - Year	2021	Year
GPS Date - Month	7	
UTC Time - Hours	23	Hours
HV Battery Sleep Time	0	Days
Inverter B IGBT Temperature for phase B	144	°F
Distance Travelled with Light ON	0	miles
Inverter B IGBT Temperature for phase C	144	°F
Inverter A IGBT Temperature for phase B	144	°F
Inverter A IGBT Temperature for phase A	145	°F
ECU Time - Milliseconds	425	ms
GPS Date - Day	11	Days
UTC Time - Seconds	0	seconds
UTC Time - Minutes	29	

DSM | B156D-00 | Stored | Low Voltage Differential Signal (LVDS) Video Cable-

NAME	VALUE	UNITS
Confirmed DTC	True	
Test Failed This Operation Cycle	False	
Test Not Completed This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Pending DTC	False	
Test Failed	False	
DTC	95 6D 00	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Occurrence	
Ignition Cycle Counter	39	
Frequency Counter	1	
Most Recent Odometer Value	3947	miles
Original Odometer Value	3947	miles

SNAPSHOT DATA SUMMARY

No Snapshot Data available for P2097

No Snapshot Data available for P0138

No Snapshot Data available for P1E09

No Snapshot Data available for B1975-00

No Snapshot Data available for P0A3C-00

No Snapshot Data available for P0A3D-00

No Snapshot Data available for P0CEA-00

No Snapshot Data available for U0623-00

No Snapshot Data available for B156D-00



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a) $245.99

DATE 7/19/21

TECH. or R.O. # Craig / Gary

... Kight



800-417-3116

Parts &

eta) $245.99

22

It was

As soon as they arrive you will be

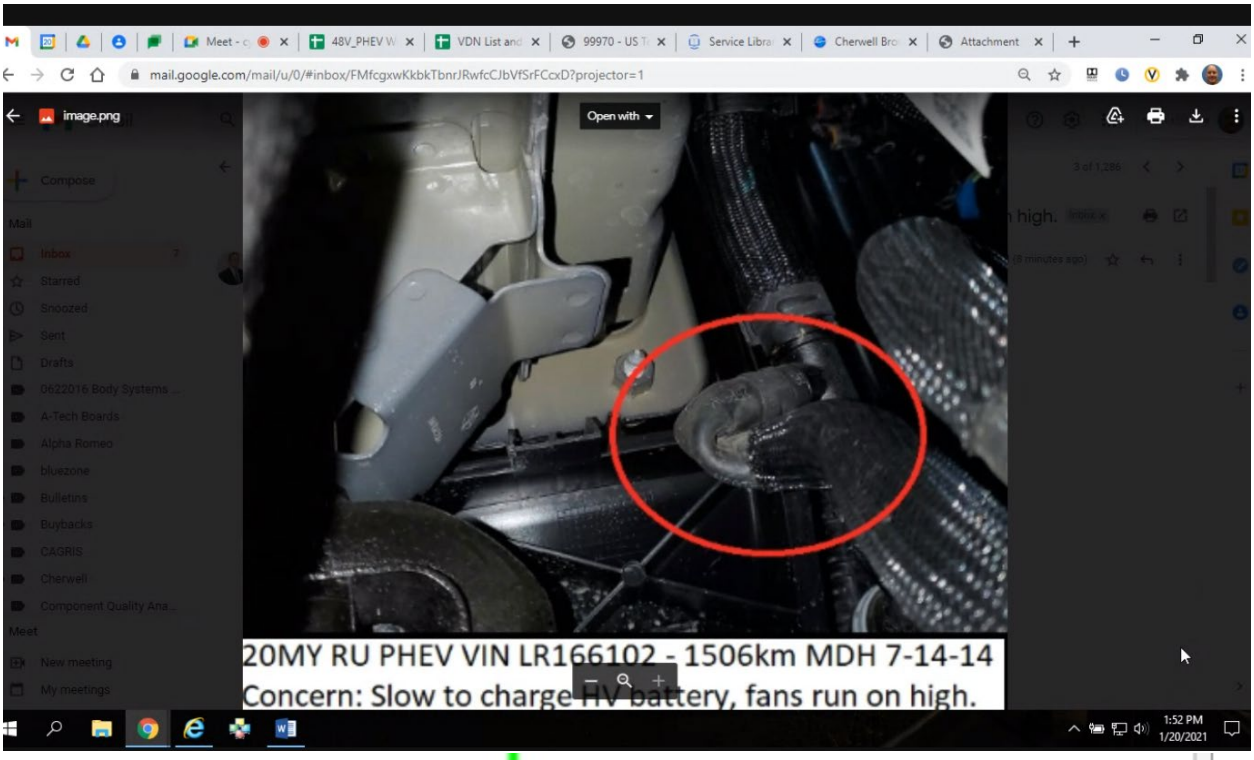
By

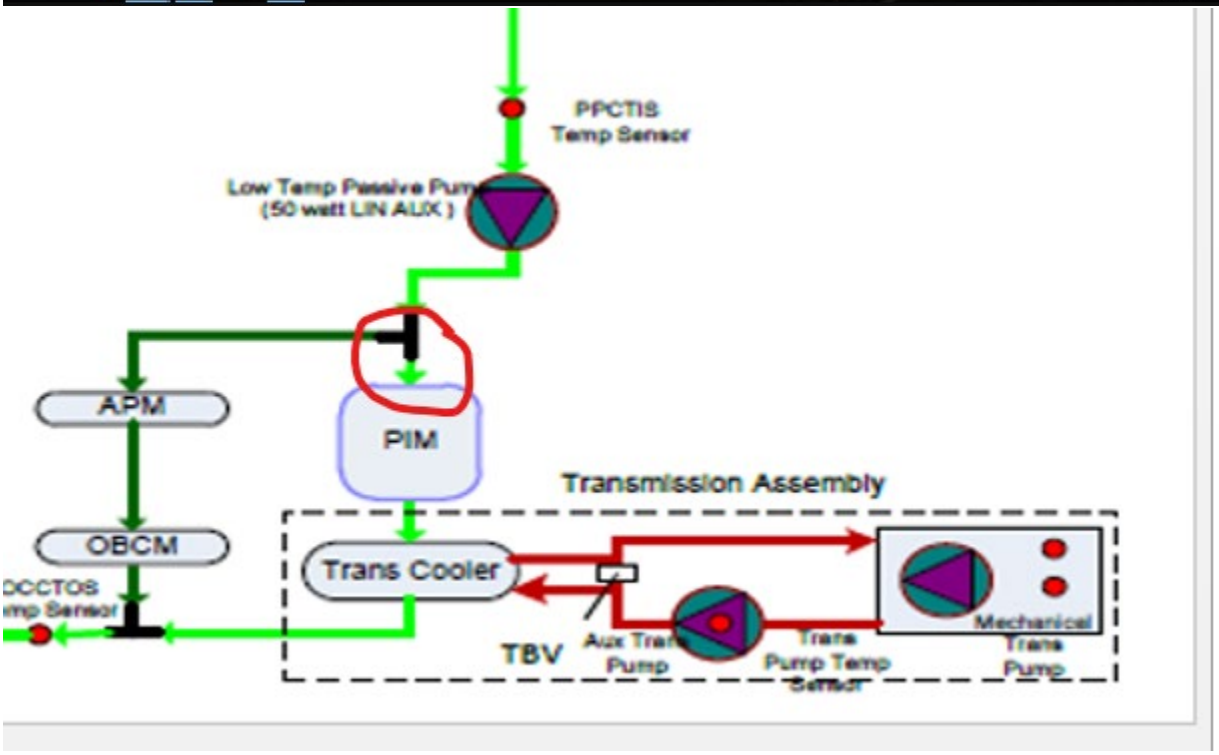
DSA-115-N-4 (4 PARTS) (1-04)








image.png
Open with
20MY RU PHEV VIN LR166102 - 1506km MDH 7-14-14
Concern: Slow to charge HV battery, fans run on high.


PPCTIS
Temp Sensor
Low Temp Passive Pump
(50 watt LIN AUX)
APM
PIM
Transmission Assembly
OBCM
Trans Cooler
TBV
Aux Trans
Pump
Trans
Pump Temp
Sensor
Mechanical
Trans
Pump