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CONFIGURATION REPORT

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

Odometer 8613.6 miles
Publication Date Oct 20, 2021, 12:47:59 PM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	PART #
PCM	Powertrain Control Module	CAN-C	68499122AE	68499122AE
PLGM	Power Liftgate	CAN-I	68466171AI	68466171AI
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

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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	6WL30PD2AA	6WL30PD2AA
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	5084	000200000031	
ICS	USA	0F 0C 00	13 31 01	4700	
RFH	USA / USA	10 17 00	13 26 00	4A00	

ESM	USA / USA	0F 24 00	12 28 FF	4402	
ORC	USA / USA	12 1A 00	13 2E 00	4301	
EPS	USA / USA	12 2A 00	12 1E 01	4502	
HVAC	USA	0E 09 00	14 2F 01	4401	
DDM	USA	11 07 00	14 07 00	4202	
PDM	USA	11 07 00	14 07 00	4202	
DMRL	USA / USA	10 0B 00	14 08 00	4201	
DMRR	USA / USA	10 0B 00	14 08 00	4201	
PSDML	USA / USA	10 17 00	14 10 12	4001	
PSDMR	USA / USA	10 17 00	14 10 12	4001	
MSM	USA	0F 2B 00	10 27 03	4101	
CSWM	USA	11 2A 00	14 25 00	4302	
AMP	USA	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 W14 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	
Engine Oil Pressure Sensor Type	255	None
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	

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

AMP CONFIGURATION

NAME	VALUE	UNITS
Current ANC Calibration ID - Service	RU PHEV 3.6L: Tripne Sunroof & Harman AMP	
ANC Status	Off - Door Mute	
Left/Right Hand Drive	Left Hand Drive	

Current EQ Checksum	F2 05 09 57	
Premium - 3	True	
Premuim - 1 (8 channel)	False	
Premuim - 2 (12 Channel)	False	
Non -ANC	False	
Teen Key Present	False	
Sub-EQ Set Selected	Cabin EQ Selected	
Cabin Equalization Curve Number	53	
Surround Sound Activated	Not Set	
ANC Calibration Date - Year	18	
ANC Calibration Date - Week	45	
ANC Calibration Date - Patch Level	2	
Door Module - Right Rear	Present	
Door Module - Left Front	Present	
Door Module - Left Rear	Present	
Door Module - Right Front	Present	

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	
Vehicle Configuration Programmed Status	True	
Last Programmed Status	Manufacturing	
Vehicle Configuration 7 - Write Counter	3	
ECU Configuration 15 (CBC Features)	3	
ECU Configuration 9A	3	
ECU Configuration 15 (Suspension)	3	

ECU Configuration 12	3	
ECU Configuration 4	3	
ECU Configuration 13	3	
ECU Configuration 14	3	
Vehicle Configuration 5 - Write Counter	3	
Programmed ECUs: P/T Chassis Network	3	
ECU Configuration 5 (Memory)	3	
ECU Configuration 10	3	
Vehicle Configuration 2 - Write Counter	3	
ECU Configuration 7 (CBC Exterior Lighting Calibrations)	3	
ECU Configuration 6 (Safety)	3	
Vehicle Configuration 3 - Write Counter	3	
Programmed Network Configuration - Audio / Telematics Network	0	
ECU Configuration 2 (CBC Features)	3	
ECU Configuration 1 (CBC Configurable Inputs and Outputs)	3	
ECU Configuration 6 (Suspension)	3	
ECU Configuration 5 (Wireless)	3	
ECU Configuration 11	3	
ECU Configuration 8 (LIN and Miscellaneous)	3	
Vehicle Config CSM2	3	
Vehicle Configuration Auto Write Counter	1	
ECU Configuration 6 (Powertrain)	3	
Vehicle Configuration 6 - Write Counter	3	
ECU Configuration 3	3	
Vehicle Configuration 1 - Write Counter	3	
Last Configuration Odometer	0	miles
ECU Configuration 9 (ITM)	3	
ECU Configuration 6 (Brake)	3	
ECU Configuration 5 (Doors)	3	
Programmed ECUs: Cabin Network	3	
Programmed ECUs: Hybrid LAN Network	0	
Vehicle Configuration 4 - Write Counter	3	
Vehicle Config CSM1	3	
Auto Highbeam	Set	
Select Speed Control Feature Present	Not Set	
Model Year	2021	
Shifter Type	5 Position Rotary Eshifter PRNDL / Type RS5L	
Emode Present	Not Set	
Remote Start Present	Set	
PTS Configuration	Semi Automatic / Semi Automatic	
Maximum Vehicle Speed	0	MPH
Special Packages	74	
Hill Descent Feature Present	Not Set	
Performance Pages Present	Not Present	

Left/Right Hand Drive	Left Hand Drive	
Body Style	Station Wagon	
Drive Configuration	2WD Front	
Vehicle Line	RU	
Country Code	USA	
Thatcham Present	Not Set	
Off Road Capable	Not Set	
Special Packages IC	Pacifica	
Power Inverter Type	No Power Inverter	
Max Load Inflation Pressure Rear Tire	36.0	PSI
Max Load Inflation Pressure Front Tire	36.0	PSI
Cruise Feature is Present	Not Set	
Rain Sensor Present	Set	
Flipper Glass Present	Not Set	
Air Conditioning Present	Not Set	
SKIM System Present	Not Set	
Full Size Spare	Not Set	
Two Fuel Sending Units Present	Not Set	
Premium TPM system present	Set	
Fuel Capacity	17	gallons
Chassis Type	Type 8	
Power Left Sliding Door Present	Set	
Passive Entry Present	Set	
Liftgate/Trunk Type	Power Liftgate	
T-Case Type	Not Present / Not Present	
Auto Park Present	Set	
Door Alert Feature Present	Not Set	
FOBIK Safe Enable	Set	
Vehicle Brand	Chrysler	
HVAC Configuration	Dual Zone ATC + Rear	
Base TPM system present	Not Set	
Vehicle is an SRT	Not Set	
Auto Headlamp Feature Present	Set	
Collision Mitigation System present	Set	
Display Compass Heading Present	Set	
Paddle Shift Feature Present	Not Set	
Window Express Feature Configuration	All windows express feature	
RKE System Present	Set	
Disable Display of Radio Clock	Not Set	
High Intensity Discharge Head Lamps	Set	
Power Right Sliding Door Present	Set	
Display Outside Temperature Present	Set	
Forward Collision Warning present	Set	
ELV Present	Not Set	

Wheel Base	Wheel base not programmed / WB_NP	
Police Lighting Feature	Not Set	
Keyless Go Present	Set	
Secondary Lock Present	Not Set	
ESCL system present	Not Set	
Sport Mode Present	Not Set	
Adjustable Pedal Feature Present (non-Memory)	Not Set	
Transfer Case High Ratio	1.000	No Unit
Dynamic Tire Circumference (All or Rear)	89	inch
Axle Ratio	3.251	
Transfer Case Low Range Reduction Ratio	0.000	
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 D Pin 11: Stop/Turn Trailer Tow Left Output Present	Not Set	
Connector D Pin 12: PHEV ECM Hardwire Wake Up Output Present	Set	
Connectro E Pin 37: Right HID Control Output Present	Not Set	
Connector E Pin 29: Rear Wiper Motor Park Signal Present	Set	
Connector D Pin 9: Trailer Tow Backup Output Present	Not Set	
Connector E Pin 3/Connector F Pin 42: Rear Turn Lamps Output Present	Not Set	
Connector E Pin 41: Charge Port Unlock Output Present	Set	
Connector E Pin 11: Vacuum Switch Input	Not Set	
Connector F Pin 9: Analog Door Ajar Signal Front Driver Present	Set	
Connector G Pin 15: UGDO Feed Output Present	Set	
Connector F Pin 23: Door Lock Switch Signal Front Passenger Present	Set	
Connector E Pin 39/Connector F Pin 5: Rear Fog Lamps Output Present	Not Set	
Connector E Pin 4/Connector F Pin 32: Rear Park Lamps Output Present	Set	
Connector F Pin 8 : Liftgate Release Outside Handle Switch Present	Not Set	
Connector E Pin 34: Vacuum Cleaner Relay Output Present	Not Set	
Connector F Pin 4: Liftgate Release Present	Not Set	
Connector E Pin 5: PHEV Fuel Door Switch Input	Set	
Connector D Pin 22/ Connector D Pin 23: Ambient Temperature Signal/Return Present	Set	
Connector A Pin 3/Connector D Pin 2: Low Beam Output Present	Set	
Connector E Pin 8: PHEV HCP Hardwire Wakeup	Set	
Connector E Pin 42: Charge Port Lock Output Present	Set	
Connector G Pin 9: Ambient Light Dimmer Wheel Input Present	Set	
Connector E Pin 48 (Tied internally to Connector A Pin16): Rear Wiper Motor Control Output Present	Set	
Connector F Pin 6: Fuel Door Motor Output Signal Present	Set	
Connector E Pin 7: Left HID Relay Control Output Present	Not Set	
Connector F Pin 29: Horn Switch Present	Set	

Connector D Pin 10: Trailer Tow Tail Lamp 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 G Pin 22: VTA Warning LED Output Present	Set	
Connector G Pin 24 (Internally tied to Connector F Pin 7): Ambient Lighting Output	Set	
Connector E Pin 9: Run-ACC Y Relay #2 Output Present	Set	
Connector D Pin 7: Stop/Turn Trailer Tow Right Output Present	Not Set	
Connector A Pin 11: Hood Ajar Switch Input Present	Set	
Tunnel Detection	Not Set	
LED Rear Turn Lamps Present	Not Set	
Dual Start Relay System Present	Not Set	
LED Front Fog Lamps Present	Set	
Bi Xenon Headlamps Enable	Not Set	
Fuel Door Release Enabled	Not Present	
Fuel Door Present	Not Set	
Front Wiper Park Enable	Set	
LED Dedicated DRL Present	Not Set	
Hazard Lamp Configuration	Latching Switch	
Park Lamp Loadshed Enable	Set	
LED Front Turn Lamps Present	Not Set	
LED Low Beam Lamps Present	Set	
DRL Dropout Enable	Not Set	
One Touch Lane Change	Set	
Intermittent Wiper States	4 Intermittent Wiper position Switch	
Reversible Washer Pump Enable	Set	
Headlamp Washer Low Fluid Shut-Off Enable	Set	
Headlamp Wash Spray Duration (at 100 ms intervals)	1100ms	
Trailer Tow Present	Not Set	
LED Rear Fog Lamps Present	Not Set	
Front Wiper Wipes After Wash	2 Wipes	
DRL Lamp Location	Low Beam DRL	
Rear Wiper Park Enable	Set	
Exterior Light Loadshed Enable	Set	
Side Repeaters Enable	Not Set	
Headlamp Wash Interval	wash cycle#11	
LED License Lamps Present	Set	
LED Tail Lamps Present	Set	
LED Reverse Lamps Present	Not Set	
Combined Front Park/Turn Feature Enable	Not Set	
Wiper Service Position Enabled	Not Set	
Illuminated approach Enabled	Not Set	
LED Stop Lamps Present	Not Set	
LED CHMSL Lamp Present	Set	
Horn Chirp Allowed	Set	

DRL Configuration	No DRL	
Tip Start Enabled	Set	
Front Fog Lamp Dropout Enable	Set	
LED High Beam Lamps Present	Set	
LED Front Park/Marker Lamps Present	Set	
Combined Rear Lighting Enable	Set	
Headlamp Wash Shot	double	
Quad Headlamps Enable	Set	
Front Heated Seats Present	Set	
Destination	United States of America	
Splashscreen Type	Vehicle Brand	
Microphone Type	Peiker 300 mv	
Surround Sound Feature Present	Set	
External Port Type	AUX + USB + extra USB	
Rear Camera Present	Not Set	
Microphone Configuration	2 Microphones	
Heated Steering Wheel Present	Set	
Front Park Assist Present	Set	
Disable CD Eject	Not Set	
Microphone Tuning Parameter	Absent [Not Used]	
Power Inverter Present	Not Set	
Cabin Equilization Curve Number	RU Premium System - Harman 12ch	
Power Door Locks Present	Set	
Antenna Type	Active Primary and no secondary antenna	
Fleet Vehicle Content	Not Set	
AP2 Right Front	Smart Switch	
Vehicle Variant	Undefined	
AP3 Left Rear	CAN	
AP4 Right Rear	CAN	
AP5 Trunk Lock	Simple Switch	
Tip Start Present	Set	
Airport Scenario Trunk	Not Set	
AP1 Left Front	Smart Switch	
AP5 Trunk Unlock	CAN	
Puddle Lamp Present	Not Set	
Passenger Memory Mirror Present	Set	
Mirror turn signals present	Set	
Window Motor Type	Not Set	
Electro-chromatic passenger mirror present	Not Set	
Tow Mirror Present	Not Set	
Sun Shade	Not Set	
Rear Door Pre Short Drop	Not Set	
Blindspot Mirror Present	Set	
Passenger Window Lockout	Not Set	

Global Up	Not Set	
Driver Memory Mirrors Present	Set	
Folding mirrors present	Set	
Heated Mirrors Present	Set	
Global Down	Not Set	
Window Hall Sensors Present	Not Set	
Frameless Window Present	Not Set	
Electro-chromatic driver mirror present	Set	
Heated Steering Wheel Present	Present	
Rear Heated Seats Present	Not Present	
Tilt/Telescope Steering Present	Not Set	
Driver Memory Seat Present	Set	
Stow 'n Assist Present - Driver	Set	
Heated Wheel Material Type	Full Leather	
Heated Seat Material Type	Base Leather	
Stow 'n Assist Present - Passenger	Set	
Memory Adjustable Pedals Present	Not Set	
Front Vented Seats Present	Present	
Brake System ECU Configuration A	value 0	
Dual Alternator Present	Not Set	
ECO Mode Configuration	Remember Previous State with Ignition Key Cycle	
Auto High Beam Module Location	HaLF	
Heatsoak Speed	15	Counter
Connector F Pin 37: Vacuum Cleaner Power Saver Indicator	Not Present	
Connector F Pin 13: Left Sliding Door Switch Input (B-Pillar)	Left B-Pillar sliding Door Switch	
Connector F Pin 29: Horn Switch Present	Horn Switch Input	
Connector E Pin 39: Right Rear Turn Signal	Right Rear Turn Signal	
Connctor F Pin 33: Fuel Door Unlock (BUX)	Not Present	
Max Engine Off Time	220	Time
Ambient Stable Counter Limit	40	Counter
Connector E Pin 3: Left Rear Turn Signal	Left Rear Turn Signal	
Connector F Pin 34: Spare HSD	Not Present	
Connector E Pin 48 (Tied internally to Connector A Pin16): Rear Wiper Motor Control Output Present	Rear Wiper (0)	
Engine Off Clear Time	180	Time
Connector E Pin 28: Secondary Door Ajar Switch Present - PIN E-28	Set	
Manual Door Locks Present	Not Set	
License Plate Lamp Disable	Not Set	
Rain Sensor Module #2 Present	Set	
CHMSL Lamp Output Disable	Not Set	
Connector F Pin 30: Fuel Door Lock (BUX)	Not Present	
Connector G Pin11/Connector G Pin 12: Not Used	ERS	
Connector F Pin 14: Right Sliding Door Switch Input (B-Pillar)	Right B-Pillar Sliding Door Switch	
Humidy Sensor Long Present	Set	

Heatsoak Flush Time	105	Time
Heatsoak Set Time	15	Time
Connector F Pin 15: Driver Door Lock Switch Input	Not Present	
Excess Longitudinal Acceleration Factor	Filter Off	
Nose Dive Threshold	Filter Off	
Acceleration Factor	Filter Off	
Maximum Lateral Change	Filter Off	
Steering Smoothing Factor	Filter Off	
Average Last Lateral Acceleration Values	No Averaging	
Acceleration Threshold	Filter Off	
Brake Smoothing Threshold	Filter Off	
Steering Smoothing Duration	Filter Off	
Brake Smoothing Duration	Filter Off	
Maximum Longitudinal Change	Filter Off	
Steering Smoothing Threshold	Filter Off	
Average Last Longitudinal Acceleration Values	No Averaging	
Excess Lateral Acceleration Factor	Filter Off	
Nose Dive Factor	Filter Off	
Brake Smoothing Factor	Filter Off	
Auto High Beam ON Threshold	25 km/hr	
Horn Chirp Duration	Short	
Parking Light Enable	Not Set	
PE Auto-Relock Feature Enable	Set	
Interior Lighting Night Threshold	4.45147	Volt
Headlamp Soak Delay	1.0 sec	
RKE Auto-Relock Feature Enable	Not Set	
Interior Lighting Day Threshold	4.27498	Volt
VTA Hood Ajar Monitoring	Not Set	
Auto High Beam OFF Threshold	20 km/hr	
Sunroof Present	Set	
Temperature Display Resolution	HaLF	
TPMS Configuration	Logic 1 NHTSA Enable Warning	
Smart Alternator Present	Not Set	
Radio Speaker Open Circuit Disable (RR)	Not Set	
Surround View Camera On/Off Softkey Present	Set	
Radio Speaker Open Circuit Disable (LR)	Not Set	
Radio Speaker Open Circuit Disable (LF)	Not Set	
Automatic Crash Notification Feature Present	Undefined	
Auto Dimming Mirror Hard Button Present	Set	
Show Phone Information in Cluster	01	
ANC Calibration Parameter Data Set	RU_PHEV_3.6L_tripane_SunRoof_Harman_AMP	
Drive Mode Version	Version 1	
Radio Speaker Open Circuit Disable (RF)	Not Set	
Park Assist Tuning Set	BUX Front and Rear Only	

IBS Present	Set	
Auto Relock Time	60	seconds
EVIC SWS Module Present	Set	
Alert On Search Timeout	Set	
HFRM Present	Set	
Humidity Sensor Present	Set	
Compass Mounting Angle	0	Degree
Panic Enable	Set	
Compass Mounting Orientation	Rightside up	
Fobik Safe Alerts Per Ignition Cycle	2	
OHC Module Present	Set	
Washer Fluid Level Voltage Threshold	4.46 volts	
Alert no Reply	Set	
Illuminated Approach Taillamp Target Percentage	125 (62.5%)	
Illuminated Approach Headlamp Target Percentage	125 (62.5%)	
Illuminated Approach Interior Lighting Ramp Up Time	130(2600ms)	
CRVMM Present	Set	
Alert On System Fault	Set	
VTA System Present	VTA	
Illuminated Approach Interior Lighting Target Percentage	100(50%)	
ESM	Set	
ECM	Set	
BPCM	Set	
AHCP	Set	
APM	Set	
HCP	Set	
ORC	Set	
ESC	Set	
EAC	Set	
EBCM	Set	
OBCM	Set	
ESL	Not Set	
ABS	Not Set	
PTS	Set	
FFCM	Set	
BCM (PT)	Set	
SCCM	Set	
IPC	Set	
OCM	Set	
ABSO	Set	
HCP	Set	
PCM	Set	
ESM	Set	
TCM	Not Set	

EPS	Set	
ACC	Set	
AHLM	Not Set	
ORC	Set	
RFH	Set	
ANC	Not Set	
HVAC	Set	
EOMR	Set	
BCM (Interior Bus)	Set	
DDM	Set	
PLGM	Set	
ITM	Not Set	
HVACR	Set	
Radio	Set	
FSM	Not Set	
CVPM	Set	
DSM	Set	
HSM	Set	
PSDML	Set	
PSDMR	Set	
AMP	Set	
ICS	Set	
DMRL	Set	
PDM	Set	
MSMP	Set	
EDM	Set	
DMRR	Set	
VTM	Not Set	
MSM	Set	
EAM	Set	
DTV	Not Set	
VRM	Set	
Right Rear Corner Voltage	14 Volts	
Right Front Corner Voltage	13.4 Volts	
Front Park/Turn Voltage	Park to Turn ratio 55 Percent	
Auto Headlamp Off Threshold	2.54930	Volt
Auto Headlamp On Threshold	3.31409	Volt
Left Rear Corner Voltage	14 Volts	
Left Low Beam Voltage Regulation	13.6 Volts	
Left High Beam Voltage Regulation	13.6 Volts	
Left Front Corner Voltage	13.2 Volts	
Right High Beam Voltage Regulation	13.8 Volts	
Right Low Beam Voltage Regulation	14 Volts	
Rear View Camera Dynamic Grid Lines Enabled	Not Set	

Rear View Camera Static Grid Lines Enabled	Not Set	
Headlamps on with Wipers	Set	
Sound Horn on Lock	Set	
Flash Lamps on Lock	Set	
Auto Lock	Set	
Sound Horn On Lock Status	Chirp on 2nd press/SECOND	
Daytime Running Lamps	Not Set	
Sound Horn on Remote Start	Set	
Headlamp Delay Time	30	seconds
Sliding Door Alert	Not Set	
Auto Wipers	Set	
Accessory Delay Time	45	seconds
Auto Highbeam	Set	
Hands Free Sliding Door Enable	Set	
Unlock all doors on 1st press	Not Set	
Auto Unlock	Set	
Illuminated Approach Time	30	seconds
Sliding Door Chime Enable	Set	
Siren	Not Set	
Tilt	Not Set	
Ultrasonics	Not Set	
Passive Ped Pro Present	False	
Tow Hooks Present	False	
Integrated EPP Present	False	
Passenger Kneebag Present	True	
ODS Present	False	
BUX Market	False	
Curtain Airbags Present	True	
Driver Kneebag Present	True	
1st Row Seat Side Airbags Present	True	
Connector A Pin 2: Right High Beam Feed	AUX High Beam	
Connector D Pin 12: PHEV ECM Hardwire Wake Up	Engine Control Module Wake up (PHEV only)	
Connector E Pin 39: Right Rear Fog Lamp	Output Disable	
Connector F Pin 25: Left Rear Turn Lamp Fault Sense	Disable	
Connector F Pin 29: Horn Switch Input	Horn Switch Input	
Connector F Pin 42: Right Rear Turn Signal	Right Rear Turn Signal	
Connector F Pin 41: Backup-Reverse lamp Left	Not Set	
Connector E Pin 5: E-5 PHEV Fuel Door Switch Input	PHEV Fuel Door Switch	
Stop/Start Enable Switch Present	Not Set	
Connector F Pin 31: Right Sliding Door Ajar	Right Sliding Door Ajar	
Connector E Pin 3: Left Rear Turn Signal	Left Rear Turn Signal	
Connector D Pin 1: Left High Beam Feed	AUX High Beam	
Connector F Pin 27: Left Sliding Door Ajar	Left Sliding Door Ajar	
Connector E Pin 29: Rear Wiper Motor Park Signal	Reserved	

Connector D Pin 21: Brake Fluid Level Switch	no parallel resistor	
Connector E Pin 37: Right HID Relay Control	Right HID Lamp Relay	
Connector E Pin 7: Left HID Relay Control	Left HID Lamp Relay	
Connector F Pin 5: Left Rear Fog Lamp	Output Disable	
Connector F Pin 28: Right Rear Turn Lamp Fault Sense	Disable	
Connector E Pin 1: Backup-Reverse lamp Right	Set	
Connector A Pin 11: Hood Ajar Switch Signal	500 ohm series and 500 ohm parallel resistors	
Connector F Pin 4: Liftgate Release	Trunk/Liftgate Release	
Battery Type II	22	
IBS Minimum Voltage Limit	5.0	Volts
IBS Quiescence Current Limit	-250	mA
IBS Minimal Charge Limit	10	AmpHrs
IBS Minimum Charge Limit	600	mA
Battery Types	SNA	
IBS Activate MWU	Not Set	

RADIO CONFIGURATION

NAME	VALUE	UNITS
GPS on the Bus messaging Authorization	—	
Compass on the bus messaging Authorization	—	
Suspend Month	44	
Satellite Subscription ID	??????8B	
Satellite Subscription Status	42	
Reason Code	44	
Suspend Year	4D	
Suspend Day	4A	
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	22203200049602	
Traceability info	02203194254015	
HIL mode Enabled	False	

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	



FREEZE FRAME REPORT

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

Odometer 8613.6 miles
Publication Date Oct 20, 2021, 12:46:29 PM

FREEZE FRAME DATA

Carb

CODE: U1409 | ECU: PCM

NAME	VALUE	UNITS
Barometric Pressure	14	PSI
Throttle Flow Adaptive	-0.464	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	-0.0	%
Calculated MAP	14.2	PSI
Throttle Outlet Temp	-40.00	°F
Ethanol Gas For Sure	No	
Freeze Frame Engine Coolant Temp	126	°F
APP 2 Voltage	0.1955	Volts
Brake Switch 2	Released	
Purge Solenoid Current	0.000	mA
Ethanol Trigger On Fuel Vol Fault	No	
TPS 1 Voltage	0.5380	Volts
Short Term Fuel Trim - Bank 1	-0.0	%
Fuel Type Being Used	Gasoline	
Battery Voltage	11.9209	Volts
Freeze Frame DTC Priority	03	
ETC Motor Directional Duty Cycle	-23.0	%DC
Catalyst Temp	106	°F
Control Module Volts	11.890	V
Time Since Run / Start	0	seconds
Air Charge Temp - Bank 2	-40.00	°F
TPS 2 Voltage	4.4506	Volts
APP Pedal Percent	0.00	%
Brake Switch Pressed	No	

Alcohol Fuel Percent	0.00	%
Potential Torque	0.00	Ft-Lbs
EGR Error	NaN	
Brake Switch 1	Released	
Intake Air Charge Temp	98.60	°F
Commanded Throttle Actuator Control	0.8	%
Long Term Fuel Trim - Bank 2	-0.0	%
Purge Duty Cycle	0.0	%
Throttle Flow Multiplicative Adaptive	0.00009	Mult
Engine RPM	0.00	rpm
Ethanol Fine Tune Complete Prev	No	
Fuel Level Percent	91.8	%
Commanded Equivalence Ratio	2.00	
Low Ethanol Therm Mgmnt Flag	No	
Fuel Rail Pressure	0	PSI
Engine Load	0.0	%
Freeze Frame Caused by DTC	D4 09	
Mass Airflow Rate	0.00	g/s
Air Charge Temp - Bank 1	-40.00	°F
ETC Motor Duty Cycle	23.0	%DC
Ignition Run/Start Switch	On	
APP 1 Voltage	0.3862	Volts
Absolute Load Value	0	%
Low Ethanol PWR Enrich Flag	No	
Freeze Frame MAP Vacuum	0.00	in Hg
Long Term Fuel Trim - Bank 1	-0.0	%
PCM Odometer	8593.4080	miles
Ambient Air Temperature	61	°F
MAP Voltage	4.35	Volts
AC Clutch	Disengaged	
AC Switch	On	
Cooled EGR Temp	-40	deg C/s
Vehicle Speed	11	MPH
Actual Torque	-12.04	Ft-Lbs
H-Bridge Circuit	Enable	
Current Adaptive Cell ID	18	
Fuel Tank Pressure	2897.00	Pa
Spark Advance	-64.0	degrees
Fuel Rail Pressure	57	PSI
Relative Throttle Position	0.8	%

Freeze Frame #1

CODE: P16FA | ECU: PCM

NAME	VALUE	UNITS
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Current Adaptive Cell ID	18	
MAP	14	PSI
Time Since Run / Start	239	seconds
Long Term Fuel Trim - Bank 2	-2.3	%
Air Charge Temp - Bank 2	-40	°F
Air Charge Temp - Bank 1	-40	°F
Catalyst Temp	675	°F
Calculated MAP	14.2	PSI
Alcohol Fuel Percent	0.00	%
Actual Torque	-9.65	Ft-Lbs
Fuel Type Being Used	Gasoline	
Short Term Fuel Trim - Bank 2	-0.0	%
Throttle Flow Adaptive	-0.464	g/s
Cooled EGR Temp	-40	deg C/s
EGR Error	-100.0	%
Phi Adaption Value	0.00000	Mult
Relative Throttle Position	2.75	%
Commanded Throttle Actuator Control	2.75	%
Throttle Outlet Pressure	6	PSI
Ethanol Fine Tune Complete Prev	No	
APP 1 Voltage	0.3862	Volts
Purge Solenoid Current	0.000	mA
Low Ethanol Therm Mgmnt Flag	No	
Barometric Pressure	14	PSI
Absolute Load Value	0	%
Potential Torque	0.00	Ft-Lbs
APP 2 Voltage	0.1955	Volts
Brake Switch 1	Released	
MAP Voltage	4.35	Volts
Vehicle Speed	0	MPH
Ethanol Gas For Sure	No	
TPS 2 Voltage	4.3493	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	0.00009	Mult
Commanded EGR Duty Cycle	0.00	%
Battery Voltage	12.1062	Volts
Engine Load	0.0	%
Ignition Run/Start Switch	On	

Brake Switch Pressed	No	
Intake Air Charge Temp	97	°F
MAP - Bank 2	6	PSI
Ambient Air Temperature	61	°F
Vacuum	0.00	in Hg
Engine RPM	0.00	rpm
Spark Advance	9.0	degrees
Freeze Frame Caused by DTC	16 FA	
MAP - Bank 1	6	PSI
Fuel Rail Pressure	57	PSI
Long Term Fuel Trim - Bank 1	-3.1	%
ETC Motor Duty Cycle	20.9	%DC
Fuel Level Percent	87.8	%
Low Ethanol PWR Enrich Flag	No	
Fuel Tank Pressure	2815.00	Pa
Engine Coolant Temperature	145	°F
Intermediate MAP	6	PSI
Commanded Equivalence Ratio	1.00	
APP Pedal Percent	0.00	%
H-Bridge Circuit	Enable	
TPS 1 Voltage	0.6356	Volts
Freeze Frame DTC Priority	03	
Short Term Fuel Trim - Bank 1	-0.0	%
Control Module Volts	12.075	Volts
Brake Switch 2	Released	
Fuel Rail Pressure	0	PSI
ETC Motor Directional Duty Cycle	-20.9	%DC
PCM Odometer	8593.4080	miles

Freeze Frame #2

CODE: U1409 | 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	0.3862	Volts
Intermediate MAP	0	PSI
Battery Voltage	11.9209	Volts
TPS 1 Voltage	0.5380	Volts
Current Adaptive Cell ID	18	
Time Since Run / Start	0	seconds
Cooled EGR Temp	-40	deg C/s
Intake Air Charge Temp	99	°F

AC Clutch	Disengaged	
Engine Coolant Temperature	126	°F
MAP	14	PSI
Actual Torque	-12.04	Ft-Lbs
Fuel Type Being Used	Gasoline	
Throttle Flow Adaptive	-0.464	g/s
Control Module Volts	11.890	Volts
Brake Switch 1	Released	
Throttle Flow Multiplicative Adaptive	0.00009	Mult
Potential Torque	0.00	Ft-Lbs
MAP Voltage	4.35	Volts
Air Charge Temp - Bank 1	-40	°F
Freeze Frame Caused by DTC	D4 09	
Commanded Throttle Actuator Control	0.78	%
Fuel Tank Pressure	2897.00	Pa
H-Bridge Circuit	Enable	
ETC Motor Directional Duty Cycle	-23.0	%DC
PCM Mileage Since MIL On	0.0000	miles
MAP - Bank 1	0	PSI
Absolute Load Value	0	%
ETC Motor Duty Cycle	23.0	%DC
Relative Throttle Position	0.78	%
Vehicle Speed	11	MPH
Ambient Air Temperature	61	°F
Throttle Outlet Pressure	0	PSI
Low Ethanol PWR Enrich Flag	No	
Long Term Fuel Trim - Bank 1	-0.0	%
APP Pedal Percent	0.00	%
Air Charge Temp - Bank 2	-40	°F
EGR Error	-100.0	%
Short Term Fuel Trim - Bank 1	-0.0	%
Spark Advance	-64.0	degrees
Commanded EGR Duty Cycle	0.00	%
Brake Switch Pressed	No	
Commanded Equivalence Ratio	2.00	
AC Switch	On	
Freeze Frame DTC Priority	01	
Vacuum	0.00	in Hg
Long Term Fuel Trim - Bank 2	-0.0	%
Low Ethanol Therm Mgmnt Flag	No	
Purge Duty Cycle	0.0	%
PCM Odometer	8593.4080	miles
Brake Switch 2	Released	
Purge Solenoid Current	0.000	mA

APP 2 Voltage	0.1955	Volts
TPS 2 Voltage	4.4506	Volts
Ethanol Gas For Sure	No	
Barometric Pressure	14	PSI
Catalyst Temp	106	°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	0.00	rpm
Fuel Level Percent	91.8	%
Engine Load	0.0	%
Phi Adaption Value	0.00000	Mult
Short Term Fuel Trim - Bank 2	-0.0	%
Calculated MAP	14.2	PSI
MAP - Bank 2	0	PSI

Freeze Frame #3

CODE: U140A | ECU: PCM

NAME	VALUE	UNITS
Freeze Frame DTC Priority	03	
Mass Airflow Rate	0.00	g/s
Air Charge Temp - Bank 1	-40	°F
Brake Switch Pressed	No	
Phi Adaption Value	0.00000	Mult
Freeze Frame Caused by DTC	D4 0A	
Throttle Flow Adaptive	-0.464	g/s
MAP	14	PSI
ETC Motor Duty Cycle	23.0	%DC
Vehicle Speed	11	MPH
Fuel Rail Pressure	57	PSI
Catalyst Temp	106	°F
Fuel Rail Pressure	0	PSI
Commanded EGR Duty Cycle	0.00	%
Brake Switch 2	Released	
Calculated MAP	14.2	PSI
Commanded Equivalence Ratio	2.00	
PCM Odometer	8593.4080	miles
Air Charge Temp - Bank 2	-40	°F
Fuel Tank Pressure	2897.00	Pa
PCM Mileage Since MIL On	0.0000	miles
Throttle Flow Multiplicative Adaptive	0.00009	Mult
Absolute Load Value	0	%
Engine Coolant Temperature	126	°F

Fuel Level Percent	91.8	%
Ethanol Gas For Sure	No	
Brake Switch 1	Released	
Short Term Fuel Trim - Bank 1	-0.0	%
Low Ethanol PWR Enrich Flag	No	
Long Term Fuel Trim - Bank 2	-0.0	%
APP Pedal Percent	0.00	%
Ambient Air Temperature	61	°F
Potential Torque	0.00	Ft-Lbs
Long Term Fuel Trim - Bank 1	-0.0	%
MAP Voltage	4.35	Volts
Actual Torque	-12.04	Ft-Lbs
Purge Solenoid Current	0.000	mA
Ethanol Fine Tune Complete Prev	No	
Commanded Throttle Actuator Control	0.78	%
Engine Load	0.0	%
Ethanol Trigger On Fuel Vol Fault	No	
Current Adaptive Cell ID	18	
H-Bridge Circuit	Enable	
Purge Duty Cycle	0.0	%
Cooled EGR Temp	-40	deg C/s
Spark Advance	-64.0	degrees
Short Term Fuel Trim - Bank 2	-0.0	%
TPS 1 Voltage	0.5380	Volts
APP 1 Voltage	0.3862	Volts
Low Ethanol Therm Mgmnt Flag	No	
Control Module Volts	11.890	Volts
Relative Throttle Position	0.78	%
Throttle Outlet Pressure	0	PSI
Barometric Pressure	14	PSI
Throttle Outlet Temp	-40	°F
TPS 2 Voltage	4.4506	Volts
Ignition Run/Start Switch	On	
EGR Error	-100.0	%
Intermediate MAP	0	PSI
MAP - Bank 1	0	PSI
MAP - Bank 2	0	PSI
ETC Motor Directional Duty Cycle	-23.0	%DC
Intake Air Charge Temp	99	°F
AC Clutch	Disengaged	
APP 2 Voltage	0.1955	Volts
Time Since Run / Start	0	seconds
Fuel Type Being Used	Gasoline	
Engine RPM	0.00	rpm

Battery Voltage	11.9209	Volts
AC Switch	On	
Vacuum	0.00	in Hg
Alcohol Fuel Percent	0.00	%

No MisFire data available

Most Recent DTC

CODE: U140A | ECU: PCM

NAME	VALUE	UNITS
Intermediate MAP	0	PSI
MAP Voltage	4.35	Volts
Freeze Frame DTC Priority	03	
H-Bridge Circuit	Enable	
Relative Throttle Position	4	%
Throttle Flow Multiplicative Adaptive	0.00009	Mult
Vehicle Speed	0	MPH
APP 2 Voltage	0.1955	Volts
Ethanol Gas For Sure	No	
Short Term Fuel Trim - Bank 2	-0.0	%
Commanded Equivalence Ratio	2.00	
PCM Mileage Since MIL On	0.0000	miles
TPS 1 Voltage	0.7076	Volts
Cooled EGR Temp	-40	deg C/s
MAP - Bank 1	0	PSI
Battery Voltage	14.7622	Volts
AC Switch	On	
Brake Switch Pressed	Yes	
Engine Coolant Temperature	55	°F
Catalyst Temp	54	°F
MAP	14	PSI
Engine Load	0.0	%
Throttle Outlet Pressure	0	PSI
Engine RPM	0.00	rpm
Freeze Frame Caused by DTC	D4 0A	
Potential Torque	0.00	Ft-Lbs
Ethanol Fine Tune Complete Prev	No	
TPS 2 Voltage	4.2785	Volts
AC Clutch	Disengaged	
ETC Motor Directional Duty Cycle	-14.3	%DC
Fuel Type Being Used	Gasoline	
Mass Airflow Rate	0.00	g/s
MAP - Bank 2	0	PSI
Absolute Load Value	0	%

Low Ethanol Therm Mgmnt Flag	No	
Fuel Rail Pressure	55	PSI
Fuel Tank Pressure	3134.00	Pa
Long Term Fuel Trim - Bank 1	-0.0	%
Calculated MAP	14.2	PSI
Vacuum	0.00	in Hg
Fuel Level Percent	91.0	%
ETC Motor Duty Cycle	14.3	%DC
Purge Solenoid Current	0.000	mA
Commanded Throttle Actuator Control	4	%
Fuel Rail Pressure	0	PSI
Actual Torque	-19.76	Ft-Lbs
Air Charge Temp - Bank 1	-40	°F
Long Term Fuel Trim - Bank 2	-0.0	%
EGR Error	NaN	
Time Since Run / Start	5	seconds
Brake Switch 2	Released	
Ambient Air Temperature	46	°F
APP 1 Voltage	0.3862	Volts
Alcohol Fuel Percent	0.00	%
Short Term Fuel Trim - Bank 1	-0.0	%
Control Module Volts	14.777	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	18	
PCM Odometer	8609.7920	miles
Intake Air Charge Temp	54	°F
Low Ethanol PWR Enrich Flag	No	
Barometric Pressure	14	PSI
Ethanol Trigger On Fuel Vol Fault	No	
APP Pedal Percent	0.00	%
Spark Advance	-64.0	degrees
Air Charge Temp - Bank 2	-40	°F
Throttle Flow Adaptive	-0.464	g/s



VEHICLE SCAN REPORT

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

Odometer 8613.6 miles
Publication Date Oct 20, 2021, 12:47:10 PM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	PART #
PCM	Powertrain Control Module	CAN-C	68499122AE	68499122AE
PLGM	Power Liftgate	CAN-I	68466171AI	68466171AI
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

P					
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	6WL30PD2AA		6WL30PD2AA
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	5084	000200000031	
ICS	USA	0F 0C 00	13 31 01	4700	
RFH	USA / USA	10 17 00	13 26 00	4A00	

ESM	USA / USA	0F 24 00	12 28 FF	4402	
ORC	USA / USA	12 1A 00	13 2E 00	4301	
EPS	USA / USA	12 2A 00	12 1E 01	4502	
HVAC	USA	0E 09 00	14 2F 01	4401	
DDM	USA	11 07 00	14 07 00	4202	
PDM	USA	11 07 00	14 07 00	4202	
DMRL	USA / USA	10 0B 00	14 08 00	4201	
DMRR	USA / USA	10 0B 00	14 08 00	4201	
PSDML	USA / USA	10 17 00	14 10 12	4001	
PSDMR	USA / USA	10 17 00	14 10 12	4001	
MSM	USA	0F 2B 00	10 27 03	4101	
CSWM	USA	11 2A 00	14 25 00	4302	
AMP	USA	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
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PCM	U140A	Implausible Right Front Wheel Speed Signal Received	Stored
PCM	U1409	Implausible Left Front Wheel Speed Signal Received	Stored
PCM	P16FA	Engine Disabled, No Immobilizer Signal from HCP	Stored
HVAC	B10EB-00	Blower Power Module-	Stored
PTS	U0415-00	Invalid Data Received from Anti-Lock Brake System (ABS) Control Module "A"-	Stored
BCM	B168E-2A	Front Fog Lamp Switch-Stuck	Stored
ACC	P1666-00	Cruise Control Module Internal-	Stored
ACC	C2227-00	ABS Disabled ECU-	Stored
ACC	U0415-00	Invalid Data Received from Anti-Lock Brake System (ABS) Control Module "A"-	Stored
HCP	P0513-00	Invalid SKIM Key-	Stored
HCP	P062C-00	Internal Control Module Vehicle Speed Performance-	Stored
HCP	P0A3F-00	Drive Motor A Position Sensor 1 Circuit-	Stored
HCP	P0C19-00	Drive Motor A Torque Delivered Performance-	Stored
HCP	P1B03-00	Resolver Signal / MCPA Rationality-	Stored
HCP	U0415-00	Invalid Data Received from Anti-Lock Brake System (ABS) Control Module "A"-	Stored
HCP	U1852-00	Implausible Data Received from ABS on D-PT-	Stored
VRM	B15AE-00	Lost Low Voltage Differential Signal (LVDS) Connection with Media Port 2-	Stored
VRM	B15AD-00	Lost Low Voltage Differential Signal (LVDS) Connection with Media Port 1-	Stored
ABSO	C0501-00	Left Front Wheel Speed Sensor "A" Range/Performance-	Stored
ABSO	C0507-00	Right Front Wheel Speed Sensor "A" Range/Performance-	Stored

ENVIRONMENTAL DATA SUMMARY

PCM | U140A | Stored | Implausible Right Front Wheel Speed Signal Received

NAME	VALUE	UNITS
Number of DTC	1	
DTC	D4 0A	
DTC Readiness Flag	Not Complete	
DTC Storage State	Stored	
Warning Indicator Request State	Off	
Odometer	8593.8	miles
Accumulation Timer	59	minutes
Ignition Key Cycles	1	
Starts Since Set Counter	1	
Key Cycles Since DTC Last Set Counter	2	
Warm Up Cycles	0	
Good Trip Counter	0	

PCM | U1409 | Stored | Implausible Left Front Wheel Speed Signal Received

NAME	VALUE	UNITS
Number of DTC	1	
DTC	D4 09	
DTC Readiness Flag	Not Complete	
DTC Storage State	Stored	

Warning Indicator Request State	On	
Odometer	8609.7	miles
Accumulation Timer	4	minutes
Ignition Key Cycles	1	
Starts Since Set Counter	1	
Key Cycles Since DTC Last Set Counter	2	
Warm Up Cycles	0	
Good Trip Counter	0	

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

NAME	VALUE	UNITS
Number of DTC	1	
DTC	16 FA	
DTC Readiness Flag	Not Complete	
DTC Storage State	Stored	
Warning Indicator Request State	Off	
Odometer	8593.8	miles
Accumulation Timer	16	minutes
Ignition Key Cycles	3	
Starts Since Set Counter	3	
Key Cycles Since DTC Last Set Counter	4	
Warm Up Cycles	0	
Good Trip Counter	1	

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

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Error	
Original Odometer Value	8610	miles
Most Recent Odometer Value	8610	miles
Frequency Counter	1	
Ignition Cycle Counter	11	

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

NAME	VALUE	UNITS
DTC	C4 15 00	
Test Failed	False	

Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	03	
Occurrence flag	Occurrence	
Original Odometer Value	0	miles
Most Recent Odometer Value	8610	miles
Frequency Counter	1	
DC/DC Converter Voltage	01	Volt

BCM | B168E-2A | Stored | Front Fog Lamp Switch-Stuck

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Error	
Original Odometer Value	8033	miles
Most Recent Odometer Value	8033	miles
Frequency Counter	1	
Ignition Cycle Counter	83	

ACC | P1666-00 | Stored | Cruise Control Module Internal-

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	True	
Warning Indicator Requested	False	
Occurrence flag	Error	
Original Odometer Value	8610	miles
Most Recent Odometer Value	8610	miles

Frequency Counter	1	
Operation Cycle Counter	1	
Vehicle Speed	0	MPH
Engine RPM	0	rpm
ACC Set Speed	0	MPH
Object of Interest Distance	830	FEET
Engine Torque Request	SNA	Ft-Lbs
PRNDL Status	N range	
Ignition Voltage	11.7	
System Voltage	11.8	Volts

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

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Error	
Original Odometer Value	8610	miles
Most Recent Odometer Value	8610	miles
Frequency Counter	2	
Operation Cycle Counter	0	
Vehicle Speed	2	MPH
Engine RPM	1376	rpm
ACC Set Speed	0	MPH
Object of Interest Distance	830	FEET
Engine Torque Request	SNA	Ft-Lbs
PRNDL Status	D range	
Ignition Voltage	13.0	
System Voltage	13.1	Volts

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

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

Warning Indicator Requested	True	
Occurrence flag	Error	
Original Odometer Value	8610	miles
Most Recent Odometer Value	8610	miles
Frequency Counter	1	
Operation Cycle Counter	0	
Vehicle Speed	0	MPH
Engine RPM	0	rpm
ACC Set Speed	0	MPH
Object of Interest Distance	830	FEET
Engine Torque Request	SNA	Ft-Lbs
PRNDL Status	N range	
Ignition Voltage	11.7	
System Voltage	11.8	Volts

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

NAME	VALUE	UNITS
DTC	05 13 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Original Odometer Value	8613.4	miles
Most Recent Odometer Value	8613.4	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Real time clock	28093092	sec
RAM stamps keyOn	1425	sec
RAM Stamps	129858	Min
Accelerator Pedal Position	0	%
Brake Switch Status	Not Applied	
Engine Speed	0	rpm
HV Battery SOC	25	%
Ignition State	Reserved	
PRND Position Display	N	
Propulsion System Active	False	
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	99	°F
Motor B Temp Sensor	102	°F

Barometric Pressure	14	PSI
Engine Coolant Temperature	145	°F
Internal EPS Voltage Sense A	0.000	Volts
Internal EPS Voltage Sense B	0.000	Volts
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor A - Inverter Current - phase A	0	AMP
Motor A - Inverter Current - phase B	-4	AMP
Motor A - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor B - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase C	0	AMP
Motor B Resolver Angle	100	Degree
Motor A Resolver Angle	18	Degree
Electric Motor A Speed	3.0	rpm
Electric Motor B Speed	0.0	rpm
PIM DC Link Voltage - A	7	Volts
PIM DC Link Voltage - B	7	Volts
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
HCP System Shutdown Command	Default	
HV Battery Voltage from BPCM	180.00	Volts
SW Build Release Version	PIM_21B_2011B0_RU_HCP__	
HCP SW Version	21B	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Open	
APM Status	Idle	
Impact Event	False	
Outside Air Temperature	53.6	°F
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	11.952	Volts
Battery Feed Voltage 2 Sense	11.952	Volts
Battery Feed Voltage 3 Sense	11.808	Volts
Hybrid System State	SNA	

Inverter A IGBT Temperature for phase A	81	°F
Inverter A IGBT Temperature for phase B	81	°F
Inverter A IGBT Temperature for phase C	81	°F
Inverter B IGBT Temperature for phase A	81	°F
Inverter B IGBT Temperature for phase B	81	°F
Inverter B IGBT Temperature for phase C	81	°F
PHEV Charging Status	No Charging	
Distance Travelled with Light ON	0	miles
GPS Date - Year	2021	Year
GPS Date - Month	10	
GPS Date - Day	17	Days
UTC Time - Hours	1	Hours
UTC Time - Minutes	24	
UTC Time - Seconds	1	seconds
ECU Time - Milliseconds	238	ms

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

NAME	VALUE	UNITS
DTC	—	
Test Failed	—	
Test Failed This Operation Cycle	—	
Pending DTC	—	
Confirmed DTC	—	
Test Not Completed Since Last Clear	—	
Test Failed Since Last Clear	—	
Test Not Completed This Operation Cycle	—	
Warning Indicator Requested	—	
Occurrence flag	—	
Original Odometer Value	—	miles
Most Recent Odometer Value	—	miles
Frequency Counter	—	
Ignition Cycle Counter	—	
Real time clock	—	sec
RAM stamps keyOn	—	sec
RAM Stamps	—	Min
Accelerator Pedal Position	—	%
Brake Switch Status	—	
Engine Speed	—	rpm
HV Battery SOC	—	%
Ignition State	—	
PRND Position Display	—	
Propulsion System Active	—	
Vehicle Speed	—	MPH
Motor A Temp Sensor	—	°F

Motor B Temp Sensor	—	°F
Barometric Pressure	—	PSI
Engine Coolant Temperature	—	°F
Internal EPS Voltage Sense A	—	Volts
Internal EPS Voltage Sense B	—	Volts
Motor A Torque	—	Ft-Lbs
Motor B Torque	—	Ft-Lbs
Actual Torque - Motor A	—	Ft-Lbs
Actual Torque - Motor B	—	Ft-Lbs
Available Motor Torque - Motor A	—	Ft-Lbs
Available Motor Torque - Motor B	—	Ft-Lbs
Available Regen Torque - Motor A	—	Ft-Lbs
Available Regen Torque - Motor B	—	Ft-Lbs
Commanded Torque - Motor A	—	Ft-Lbs
Commanded Torque - Motor B	—	Ft-Lbs
Motor A - Inverter Current - phase A	—	AMP
Motor A - Inverter Current - phase B	—	AMP
Motor A - Inverter Current - phase C	—	AMP
Motor B - Inverter Current - phase A	—	AMP
Motor B - Inverter Current - phase B	—	AMP
Motor B - Inverter Current - phase C	—	AMP
Motor B Resolver Angle	—	Degree
Motor A Resolver Angle	—	Degree
Electric Motor A Speed	—	rpm
Electric Motor B Speed	—	rpm
PIM DC Link Voltage - A	—	Volts
PIM DC Link Voltage - B	—	Volts
HCP ePT Wake-Up Output	—	
CBC Wake-Up Input	—	
HCP System Shutdown Command	—	
HV Battery Voltage from BPCM	—	Volts
SW Build Release Version	—	
HCP SW Version	—	
EPT LOC Diag Enable	—	
HV Contactor Status	—	
APM Status	—	
Impact Event	—	
Outside Air Temperature	—	°F
OBCM Operating Mode	—	
J1772 Prox Detected State	—	
HV Battery Sleep Time	—	Days
Battery Feed Voltage 1 Sense	—	Volts
Battery Feed Voltage 2 Sense	—	Volts
Battery Feed Voltage 3 Sense	—	Volts

Hybrid System State	—	
Inverter A IGBT Temperature for phase A	—	°F
Inverter A IGBT Temperature for phase B	—	°F
Inverter A IGBT Temperature for phase C	—	°F
Inverter B IGBT Temperature for phase A	—	°F
Inverter B IGBT Temperature for phase B	—	°F
Inverter B IGBT Temperature for phase C	—	°F
PHEV Charging Status	—	
Distance Travelled with Light ON	—	miles
GPS Date - Year	—	Year
GPS Date - Month	—	
GPS Date - Day	—	Days
UTC Time - Hours	—	Hours
UTC Time - Minutes	—	
UTC Time - Seconds	—	seconds
ECU Time - Milliseconds	—	ms

HCP | POA3F-00 | Stored | Drive Motor A Position Sensor 1 Circuit-

NAME	VALUE	UNITS
DTC	0A 3F 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Original Odometer Value	8613.3	miles
Most Recent Odometer Value	8613.4	miles
Frequency Counter	10	
Ignition Cycle Counter	0	
Real time clock	28094624	sec
RAM stamps keyOn	375	sec
RAM Stamps	129880	Min
Accelerator Pedal Position	0	%
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Engine Speed	0	rpm
HV Battery SOC	25	%
Ignition State	Reserved	
PRND Position Display	N	
Propulsion System Active	False	

Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	95	°F
Motor B Temp Sensor	97	°F
Barometric Pressure	14	PSI
Engine Coolant Temperature	129	°F
Motor A Resolver Offset Learn Erase	not requested	
Motor A Resolver Offset Learning Status Flag	Applied	
Motor B Resolver Offset Learning Status Flag	Applied	
Motor A Resolver Angle Offset	2.40	Degree
Motor B Resolver Angle Offset	3.60	Degree
Motor A Resolver Supply Voltage Value	15.75	Volts
Motor B Resolver Supply Voltage Value	15.75	Volts
Motor A Resolver to Digital Low Level Driver Faults	Resolver Loss of Track	
Motor B Resolver to Digital Low Level Driver Faults	No fault	
Battery Feed Voltage 2 Sense	11.808	Volts
Internal EPS Voltage Sense A	0.000	Volts
Internal EPS Voltage Sense B	0.000	Volts
Actual Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor B	232.577	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor B	-232.577	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Electric Motor A Speed	0.0	rpm
Electric Motor B Speed	5.5	rpm
Battery Feed Voltage 1 Sense	11.880	Volts
Battery Feed Voltage 3 Sense	11.736	Volts
Hybrid System State	SNA	
Motor A - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase B	-4	AMP
Motor A - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase A	0	AMP
Motor B - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase C	-4	AMP
Outside Air Temperature	53.6	°F
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Open	
HV Battery Voltage from BPCM	180.00	Volts
PIM DC Link Voltage - A	7	Volts
PIM DC Link Voltage - B	6	Volts

Inverter A IGBT Temperature for phase A	84	°F
Inverter A IGBT Temperature for phase B	84	°F
Inverter A IGBT Temperature for phase C	84	°F
Inverter B IGBT Temperature for phase A	84	°F
Inverter B IGBT Temperature for phase B	84	°F
Inverter B IGBT Temperature for phase C	84	°F
APM Status	Idle	
Impact Event	False	
HCP System Shutdown Command	Default	
Distance Travelled with Light ON	0	miles
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
HV Battery Sleep Time	0	Days
Motor B Resolver Offset Learn Erase	not requested	
GPS Date - Year	2021	Year
GPS Date - Month	10	
GPS Date - Day	17	Days
UTC Time - Hours	1	Hours
UTC Time - Minutes	50	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	650	ms

HCP | POC19-00 | Stored | Drive Motor A Torque Delivered Performance-

NAME	VALUE	UNITS
DTC	0C 19 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Original Odometer Value	8613.3	miles
Most Recent Odometer Value	8613.4	miles
Frequency Counter	36	
Ignition Cycle Counter	0	
Real time clock	28095168	sec
RAM stamps keyOn	915	sec
RAM Stamps	129889	Min
Accelerator Pedal Position	0	%

Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Engine Speed	0	rpm
HV Battery SOC	25	%
Ignition State	Reserved	
PRND Position Display	N	
Propulsion System Active	False	
Vehicle Speed	0.0000	MPH
Barometric Pressure	14	PSI
Engine Coolant Temperature	126	°F
Actual Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor A	0.000	Ft-Lbs
Inverter A Input DC Current	0.0	AMP
Electric Motor A Speed	2.0	rpm
Motor A - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase B	0	AMP
Motor A - Inverter Current - phase C	-4	AMP
Motor A Phase U Short Fault - High-Side	False	
Motor A Phase U Cross Conduction Fault - High-Side	False	
Motor A Phase U Over Current Fault - High-Side	False	
Motor A Phase U Thermal Warning Fault - High-Side	False	
Motor A Phase U Thermal Shutdown Fault - High-Side	False	
Motor A Phase U Comm Error High Voltage Regulator Fault - High-Side	False	
Motor A Phase U Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor A Phase U SPI Error Fault - High-Side	False	
Motor A Phase U Hardware Error Fault - High-Side	False	
Motor A Phase U Short Fault - Low-Side	False	
Motor A Phase U Cross Conduction Fault - Low-Side	False	
Motor A Phase U Over Current Fault - Low-Side	False	
Motor A Phase U Thermal Warning Fault - Low-Side	False	
Motor A Phase U Thermal Shutdown Fault - Low-Side	False	
Motor A Phase U SPI Error Fault - Low-Side	False	
Motor A Phase U Hardware Error Fault - Low-Side	False	
Motor A Phase V Short Fault - High-Side	False	
Motor A Phase V Cross Conduction Fault - High-Side	False	
Motor A Phase V Over Current Fault - High-Side	False	
Motor A Phase V Thermal Warning Fault - High-Side	False	
Motor A Phase V Thermal Shutdown Fault - High-Side	False	
Motor A Phase V Comm Error High Voltage Regulator Fault - High-Side	False	
Motor A Phase V Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor A Phase V SPI Error Fault - High-Side	False	
Motor A Phase V Hardware Error Fault - High-Side	False	
Motor A Phase V Short Fault - Low-Side	False	
Motor A Phase V Cross Conduction Fault - Low-Side	False	

Motor A Phase V Over Current Fault - Low-Side	False	
Motor A Phase V Thermal Warning Fault - Low-Side	False	
Motor A Phase V Thermal Shutdown Fault - Low-Side	False	
Motor A Phase V SPI Error Fault - Low-Side	False	
Motor A Phase V Hardware Error Fault - Low-Side	False	
Motor A Phase W Short Fault - High-Side	False	
Motor A Phase W Over Current Fault - High-Side	False	
Motor A Phase W Thermal Warning Fault - High-Side	False	
Motor A Phase W Thermal Shutdown Fault - High-Side	False	
Motor A Phase W Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor A Phase W SPI Error Fault - High-Side	False	
Motor A Phase W Hardware Error Fault - High-Side	False	
Motor A Phase W Short Fault - Low-Side	False	
Motor A Phase W Cross Conduction Fault - Low-Side	False	
Motor A Phase W Over Current Fault - Low-Side	False	
Motor A Phase W Thermal Warning Fault - Low-Side	False	
Motor A Phase W Thermal Shutdown Fault - Low-Side	False	
Motor A Phase W Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor A Phase W SPI Error Fault - Low-Side	False	
Motor A Phase W Hardware Error Fault - Low-Side	False	
Motor A Resolver Supply Voltage Value	15.75	Volts
Battery Feed Voltage 2 Sense	11.736	Volts
Battery Feed Voltage 3 Sense	11.664	Volts
Internal EPS Voltage Sense A	0.000	Volts
Internal EPS Voltage Sense B	0.000	Volts
Hybrid System State	SNA	
PIM DC Link Voltage - A	7	Volts
PIM DC Link Voltage - B	7	Volts
Passive Pump Coolant Temp In Sensor	84	°F
Low Temp Active Pump Speed	0	rpm
High Temp Aux Pump - Actual Speed	0	rpm
Outside Air Temperature	53.6	°F
HV Contactor Status	Open	
Inverter B Status Feedback	Normal OFF	
Battery Feed Voltage 1 Sense	11.736	Volts
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor B - Inverter Current - phase A	-4	AMP
Motor B - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase C	-4	AMP

Motor B Resolver Angle	14	Degree
Motor B Temp Sensor	97	°F
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Battery Voltage from BPCM	180.00	Volts
Electric Motor B Speed	0.5	rpm
Inverter A IGBT Temperature for phase A	84	°F
Inverter A IGBT Temperature for phase B	84	°F
Inverter A IGBT Temperature for phase C	84	°F
Inverter B IGBT Temperature for phase A	84	°F
Inverter B IGBT Temperature for phase B	84	°F
Inverter B IGBT Temperature for phase C	84	°F
APM Status	Idle	
Impact Event	False	
HCP System Shutdown Command	Default	
Distance Travelled with Light ON	0	miles
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
HV Battery Sleep Time	0	Days
Commanded Inverter A State	Inverter Disabled	
Inverter Status Feedback	Inverter Faulted	
Motor A Phase U Over Voltage Fault VH - High-Side	False	
Motor A Phase U Under Voltage Fault VH - High-Side	False	
Motor A Phase U Over Voltage Fault VL - High-Side	False	
Motor A Phase U Under Voltage Fault VL - High-Side	False	
Motor A Phase U Over Voltage Fault VDD - High-Side	False	
Motor A Phase U Under Voltage Fault VDD - High-Side	False	
Motor A Phase U Over Voltage Fault VH - Low-Side	False	
Motor A Phase U Under Voltage Fault VH - Low-Side	False	
Motor A Phase U Over Voltage Fault VL - Low-Side	False	
Motor A Phase U Under Voltage Fault VL - Low-Side	False	
Motor A Phase U Over Voltage Fault VDD - Low-Side	False	
Motor A Phase U Under Voltage Fault VDD - Low-Side	False	
Motor A Phase U Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor A Phase U Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor A Phase V Over Voltage Fault VH - High-Side	False	
Motor A Phase V Under Voltage Fault VH - High-Side	False	
Motor A Phase V Over Voltage Fault VL - High-Side	False	
Motor A Phase V Under Voltage Fault VL - High-Side	False	
Motor A Phase V Over Voltage Fault VDD - High-SideSide	False	
Motor A Phase V Under Voltage Fault VDD - High-Side	False	

Motor A Phase V Over Voltage Fault VH - Low-Side	False	
Motor A Phase V Under Voltage Fault VH - Low-Side	False	
Motor A Phase V Over Voltage Fault VL - Low-Side	False	
Motor A Phase V Under Voltage Fault VL - Low-Side	False	
Motor A Phase V Over Voltage Fault VDD - Low-Side	False	
Motor A Phase V Under Voltage Fault VDD - Low-Side	False	
Motor A Phase V Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor A Phase V Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor A Phase W Cross Conduction Fault - High-Side	False	
Motor A Phase W Over Voltage Fault VH - High-Side	False	
Motor A Phase W Under Voltage Fault VH - High-Side	False	
Motor A Phase W Over Voltage Fault VL - High-Side	False	
Motor A Phase W Under Voltage Fault VL - High-Side	False	
Motor A Phase W Over Voltage Fault VDD - High-Side	False	
Motor A Phase W Under Voltage Fault VDD - High-Side	False	
Motor A Phase W Comm Error High Voltage Regulator Fault - High-Side	False	
Motor A Phase W Over Voltage Fault VH - Low-Side	False	
Motor A Phase W Under Voltage Fault VH - Low-Side	False	
Motor A Phase W Over Voltage Fault VL - Low-Side	False	
Motor A Phase W Under Voltage Fault VL - Low-Side	False	
Motor A Phase W Over Voltage Fault VDD - Low-Side	False	
Motor A Phase W Under Voltage Fault VDD - Low-Side	False	
Motor A Phase W Comm Error High Voltage Regulator Fault - Low-Side	False	
Inverter A Status Feedback	Inverter Faulted	
GPS Date - Year	2021	Year
GPS Date - Month	10	
GPS Date - Day	17	Days
UTC Time - Hours	1	Hours
UTC Time - Minutes	59	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	494	ms

HCP | P1B03-00 | Stored | Resolver Signal / MCPA Rationality-

NAME	VALUE	UNITS
DTC	1B 03 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	

Original Odometer Value	8613.3	miles
Most Recent Odometer Value	8613.4	miles
Frequency Counter	9	
Ignition Cycle Counter	0	
Real time clock	28094628	sec
RAM stamps keyOn	375	sec
RAM Stamps	129880	Min
Accelerator Pedal Position	0	%
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Engine Speed	0	rpm
HV Battery SOC	25	%
Ignition State	Reserved	
PRND Position Display	N	
Propulsion System Active	False	
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	95	°F
Motor B Temp Sensor	97	°F
Barometric Pressure	14	PSI
Engine Coolant Temperature	129	°F
Motor A Resolver Offset Learn Erase	not requested	
Motor A Resolver Offset Learning Status Flag	Applied	
Motor B Resolver Offset Learning Status Flag	Applied	
Motor A Resolver Angle Offset	2.40	Degree
Motor B Resolver Angle Offset	3.60	Degree
Motor A Resolver Supply Voltage Value	15.75	Volts
Motor B Resolver Supply Voltage Value	15.75	Volts
Motor A Resolver to Digital Low Level Driver Faults	Resolver Loss of Track	
Motor B Resolver to Digital Low Level Driver Faults	No fault	
Battery Feed Voltage 2 Sense	11.808	Volts
Internal EPS Voltage Sense A	0.000	Volts
Internal EPS Voltage Sense B	0.000	Volts
Actual Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Electric Motor A Speed	0.0	rpm
Electric Motor B Speed	0.0	rpm
Battery Feed Voltage 1 Sense	11.880	Volts
Battery Feed Voltage 3 Sense	11.736	Volts

Hybrid System State	SNA	
Motor A - Inverter Current - phase A	0	AMP
Motor A - Inverter Current - phase B	0	AMP
Motor A - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor B - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase C	-4	AMP
Outside Air Temperature	53.6	°F
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Open	
HV Battery Voltage from BPCM	180.00	Volts
PIM DC Link Voltage - A	7	Volts
PIM DC Link Voltage - B	7	Volts
Inverter A IGBT Temperature for phase A	84	°F
Inverter A IGBT Temperature for phase B	84	°F
Inverter A IGBT Temperature for phase C	84	°F
Inverter B IGBT Temperature for phase A	84	°F
Inverter B IGBT Temperature for phase B	84	°F
Inverter B IGBT Temperature for phase C	84	°F
APM Status	Idle	
Impact Event	False	
HCP System Shutdown Command	Default	
Distance Travelled with Light ON	0	miles
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
HV Battery Sleep Time	0	Days
Motor B Resolver Offset Learn Erase	not requested	
GPS Date - Year	2021	Year
GPS Date - Month	10	
GPS Date - Day	17	Days
UTC Time - Hours	1	Hours
UTC Time - Minutes	50	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	913	ms

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

NAME	VALUE	UNITS
DTC	C4 15 00	
Test Failed	False	
Test Failed This Operation Cycle	False	

Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Original Odometer Value	8613.4	miles
Most Recent Odometer Value	8613.4	miles
Frequency Counter	2	
Ignition Cycle Counter	0	
Real time clock	28217094	sec
RAM stamps keyOn	0	sec
RAM Stamps	129946	Min
Accelerator Pedal Position	0	%
Brake Switch Status	Applied	
Engine Speed	0	rpm
HV Battery SOC	24	%
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	True	
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	55	°F
Motor B Temp Sensor	55	°F
Barometric Pressure	14	PSI
Engine Coolant Temperature	55	°F
Internal EPS Voltage Sense A	8.136	Volts
Internal EPS Voltage Sense B	8.064	Volts
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor A	87.205	Ft-Lbs
Available Motor Torque - Motor B	232.393	Ft-Lbs
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Available Regen Torque - Motor B	-232.393	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor A - Inverter Current - phase A	0	AMP
Motor A - Inverter Current - phase B	0	AMP
Motor A - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor B - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase C	-4	AMP

Motor B Resolver Angle	304	Degree
Motor A Resolver Angle	138	Degree
Electric Motor A Speed	0.5	rpm
Electric Motor B Speed	1.5	rpm
PIM DC Link Voltage - A	340	Volts
PIM DC Link Voltage - B	338	Volts
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	On	
HCP System Shutdown Command	Default	
HV Battery Voltage from BPCM	339.00	Volts
SW Build Release Version	PIM_21B_2011B0_RU_HCP__	
HCP SW Version	21B	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Closed	
APM Status	Buck CV	
Impact Event	False	
Outside Air Temperature	46.4	°F
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
HV Battery Sleep Time	1	Days
Battery Feed Voltage 1 Sense	14.616	Volts
Battery Feed Voltage 2 Sense	14.616	Volts
Battery Feed Voltage 3 Sense	14.472	Volts
Hybrid System State	Propulsion System Active	
Inverter A IGBT Temperature for phase A	52	°F
Inverter A IGBT Temperature for phase B	52	°F
Inverter A IGBT Temperature for phase C	52	°F
Inverter B IGBT Temperature for phase A	52	°F
Inverter B IGBT Temperature for phase B	52	°F
Inverter B IGBT Temperature for phase C	52	°F
PHEV Charging Status	No Charging	
Distance Travelled with Light ON	19	miles
GPS Date - Year	2021	Year
GPS Date - Month	10	
GPS Date - Day	18	Days
UTC Time - Hours	11	Hours
UTC Time - Minutes	51	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	431	ms

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

NAME	VALUE	UNITS
DTC	D8 52 00	
Test Failed	False	

Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Original Odometer Value	8613.4	miles
Most Recent Odometer Value	8613.4	miles
Frequency Counter	2	
Ignition Cycle Counter	0	
Real time clock	28217094	sec
RAM stamps keyOn	0	sec
RAM Stamps	129946	Min
Accelerator Pedal Position	0	%
Brake Switch Status	Applied	
Engine Speed	0	rpm
HV Battery SOC	24	%
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	True	
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	55	°F
Motor B Temp Sensor	55	°F
Barometric Pressure	14	PSI
Engine Coolant Temperature	55	°F
Internal EPS Voltage Sense A	8.136	Volts
Internal EPS Voltage Sense B	8.064	Volts
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor A	87.205	Ft-Lbs
Available Motor Torque - Motor B	232.393	Ft-Lbs
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Available Regen Torque - Motor B	-232.393	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor A - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase B	0	AMP
Motor A - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor B - Inverter Current - phase B	0	AMP

Motor B - Inverter Current - phase C	0	AMP
Motor B Resolver Angle	304	Degree
Motor A Resolver Angle	138	Degree
Electric Motor A Speed	0.5	rpm
Electric Motor B Speed	1.5	rpm
PIM DC Link Voltage - A	340	Volts
PIM DC Link Voltage - B	338	Volts
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	On	
HCP System Shutdown Command	Default	
HV Battery Voltage from BPCM	339.10	Volts
SW Build Release Version	PIM_21B_2011B0_RU_HCP__	
HCP SW Version	21B	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Closed	
APM Status	Buck CV	
Impact Event	False	
Outside Air Temperature	46.4	°F
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
HV Battery Sleep Time	1	Days
Battery Feed Voltage 1 Sense	14.616	Volts
Battery Feed Voltage 2 Sense	14.616	Volts
Battery Feed Voltage 3 Sense	14.472	Volts
Hybrid System State	Propulsion System Active	
Inverter A IGBT Temperature for phase A	52	°F
Inverter A IGBT Temperature for phase B	52	°F
Inverter A IGBT Temperature for phase C	52	°F
Inverter B IGBT Temperature for phase A	52	°F
Inverter B IGBT Temperature for phase B	52	°F
Inverter B IGBT Temperature for phase C	52	°F
PHEV Charging Status	No Charging	
Distance Travelled with Light ON	19	miles
GPS Date - Year	2021	Year
GPS Date - Month	10	
GPS Date - Day	18	Days
UTC Time - Hours	11	Hours
UTC Time - Minutes	51	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	181	ms

VRM | B15AE-00 | Stored | Lost Low Voltage Differential Signal (LVDS) Connection with Media Port 2-

NAME	VALUE	UNITS
DTC	95 AE 00	

Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Error	
Original Odometer Value	7993	miles
Most Recent Odometer Value	8222	miles
Frequency Counter	2	
Ignition Cycle Counter	59	

VRM | B15AD-00 | Stored | Lost Low Voltage Differential Signal (LVDS) Connection with Media Port 1-

NAME	VALUE	UNITS
DTC	95 AD 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	Error	
Original Odometer Value	7993	miles
Most Recent Odometer Value	7993	miles
Frequency Counter	1	
Ignition Cycle Counter	90	

ABS0 | C0501-00 | Stored | Left Front Wheel Speed Sensor "A" Range/Performance-

NAME	VALUE	UNITS
DTC	45 01 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	True	
Warning Indicator Requested	True	

Occurrence flag	Error	
Controller Event	No	
Mirror Memory	No	
Undervoltage Suspected	No	
Original Odometer Value	8610	miles
Most Recent Odometer Value	8610	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Fault Time	13107.00	S
Current System Mode	Ignition Run	
Previous System Mode	Ignition Run	
System Condition	OK	
Supply Voltage Valves	11.8	V
Brake Pedal Status	Released	
Supply voltage Pump	11.8	V
Brake Pedal Travel Sensor Position	0	%
Ignition Unfiltered	11.8	V
Wheel Speed Left Front	0.000	MPH
Rotation Direction Left Front	Forward	
Wheel Speed Right Front	0.000	MPH
Rotation Direction Right Front	Forward	
Wheel Speed Left Rear	10.066	MPH
Rotation Direction Left Rear	Forward	
Wheel Speed Right Rear	10.066	MPH
Rotation Direction Right Rear	Forward	
Steering Wheel Angle	0.00	°
Longitudinal Acceleration	1.08	m/s ²
Lateral Acceleration	0.65	m/s ²
Yaw Rate	13.685	°/s
Primary Circuit Pressure	0.00	PSI
Engine Speed	0.0	rpm
Accelerator Pedal Position	0.0	%
ABS control	Not Active	
ASR control	Not Active	
MSR control	Not Active	
EBV control	Not Active	
ESP Control	Not Active	
HSA control	Not Active	
HBA control	Not Active	
Hold	No	
Braking assistance system	No assistance system is braking	
Plant Mode	No	
EPB Mode Status	Static	
BLS High	No	

BLS Low	Yes	
Park Brake	Not Activated	
ESP-OFF mode	No	
Clutch	Not Activated	
Stop Coordinator Active	No	
Actual Gear	N	
Transmission selector lever setting	N	
Status Parking Brake Left	Brake is Released	
Status Parking Brake Right	Brake is Released	
EPB Switch Status	Idle	
Supplier Internal Code	502	

ABSO | C0507-00 | Stored | Right Front Wheel Speed Sensor "A" Range/Performance-

NAME	VALUE	UNITS
DTC	45 07 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	True	
Warning Indicator Requested	True	
Occurrence flag	Error	
Controller Event	No	
Mirror Memory	No	
Undervoltage Suspected	No	
Original Odometer Value	8610	miles
Most Recent Odometer Value	8610	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Fault Time	13107.00	S
Current System Mode	Ignition Run	
Previous System Mode	Ignition Run	
System Condition	OK	
Supply Voltage Valves	11.8	V
Brake Pedal Status	Released	
Supply voltage Pump	11.8	V
Brake Pedal Travel Sensor Position	0	%
Ignition Unfiltered	11.8	V
Wheel Speed Left Front	0.000	MPH
Rotation Direction Left Front	Forward	
Wheel Speed Right Front	0.000	MPH
Rotation Direction Right Front	Forward	

Wheel Speed Left Rear	10.066	MPH
Rotation Direction Left Rear	Forward	
Wheel Speed Right Rear	10.066	MPH
Rotation Direction Right Rear	Forward	
Steering Wheel Angle	0.00	°
Longitudinal Acceleration	1.08	m/s^2
Lateral Acceleration	0.65	m/s^2
Yaw Rate	13.685	°/s
Primary Circuit Pressure	0.00	PSI
Engine Speed	0.0	rpm
Accelerator Pedal Position	0.0	%
ABS control	Not Active	
ASR control	Not Active	
MSR control	Not Active	
EBV control	Not Active	
ESP Control	Not Active	
HSA control	Not Active	
HBA control	Not Active	
Hold	No	
Braking assistance system	No assistance system is braking	
Plant Mode	No	
EPB Mode Status	Static	
BLS High	No	
BLS Low	Yes	
Park Brake	Not Activated	
ESP-OFF mode	No	
Clutch	Not Activated	
Stop Coordinator Active	No	
Actual Gear	N	
Transmission selector lever setting	N	
Status Parking Brake Left	Brake is Released	
Status Parking Brake Right	Brake is Released	
EPB Switch Status	Idle	
Supplier Internal Code	515	

SNAPSHOT DATA SUMMARY

No Snapshot Data available for U140A

No Snapshot Data available for U1409

No Snapshot Data available for P16FA

No Snapshot Data available for B10EB-00

No Snapshot Data available for U0415-00

No Snapshot Data available for B168E-2A

No Snapshot Data available for P1666-00

No Snapshot Data available for C2227-00

No Snapshot Data available for U0415-00

No Snapshot Data available for P0513-00

No Snapshot Data available for P062C-00

No Snapshot Data available for P0A3F-00

No Snapshot Data available for P0C19-00

No Snapshot Data available for P1B03-00

No Snapshot Data available for U0415-00

No Snapshot Data available for U1852-00

No Snapshot Data available for B15AE-00

No Snapshot Data available for B15AD-00

No Snapshot Data available for C0501-00

No Snapshot Data available for C0507-00



VEHICLE SCAN REPORT

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

Odometer 8613.8 miles
Publication Date Oct 21, 2021, 1:49:52 PM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	PART #
PCM	Powertrain Control Module	CAN-C	68499122AE	68499122AE
PLGM	Power Liftgate	CAN-I	68466171AI	68466171AI
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	6WL30PD2AA		6WL30PD2AA
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	5084	000200000031	
ICS	USA	0F 0C 00	13 31 01	4700	
RFH	USA / USA	10 17 00	13 26 00	4A00	

ESM	USA / USA	0F 24 00	12 28 FF	4402	
ORC	USA / USA	12 1A 00	13 2E 00	4301	
EPS	USA / USA	12 2A 00	12 1E 01	4502	
HVAC	USA	0E 09 00	14 2F 01	4401	
DDM	USA	11 07 00	14 07 00	4202	
PDM	USA	11 07 00	14 07 00	4202	
DMRL	USA / USA	10 0B 00	14 08 00	4201	
DMRR	USA / USA	10 0B 00	14 08 00	4201	
PSDML	USA / USA	10 17 00	14 10 12	4001	
PSDMR	USA / USA	10 17 00	14 10 12	4001	
MSM	USA	0F 2B 00	10 27 03	4101	
CSWM	USA	11 2A 00	14 25 00	4302	
AMP	USA	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
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HCP	P0A3F-00	Drive Motor A Position Sensor 1 Circuit-	Stored
HCP	P0C19-00	Drive Motor A Torque Delivered Performance-	Stored

ENVIRONMENTAL DATA SUMMARY

HCP | P0A3F-00 | Stored | Drive Motor A Position Sensor 1 Circuit-

NAME	VALUE	UNITS
DTC	0A 3F 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Original Odometer Value	8613.6	miles
Most Recent Odometer Value	8613.7	miles
Frequency Counter	2	
Ignition Cycle Counter	0	
Real time clock	28493938	sec
RAM stamps keyOn	180	sec
RAM Stamps	130014	Min
Accelerator Pedal Position	0	%
Brake Switch Status	Applied	
PHEV Charging Status	No Charging	
Engine Speed	0	rpm
HV Battery SOC	27	%
Ignition State	Reserved	
PRND Position Display	N	
Propulsion System Active	False	
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	82	°F
Motor B Temp Sensor	84	°F
Barometric Pressure	14	PSI
Engine Coolant Temperature	93	°F
Motor A Resolver Offset Learn Erase	not requested	
Motor A Resolver Offset Learning Status Flag	Applied	
Motor B Resolver Offset Learning Status Flag	Applied	
Motor A Resolver Angle Offset	2.80	Degree
Motor B Resolver Angle Offset	3.60	Degree
Motor A Resolver Supply Voltage Value	15.75	Volts
Motor B Resolver Supply Voltage Value	15.75	Volts
Motor A Resolver to Digital Low Level Driver Faults	Resolver Loss of Track	

Motor B Resolver to Digital Low Level Driver Faults	No fault	
Battery Feed Voltage 2 Sense	13.032	Volts
Internal EPS Voltage Sense A	8.136	Volts
Internal EPS Voltage Sense B	8.136	Volts
Actual Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	0.369	Ft-Lbs
Available Motor Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Electric Motor A Speed	0.0	rpm
Electric Motor B Speed	6.5	rpm
Battery Feed Voltage 1 Sense	13.104	Volts
Battery Feed Voltage 3 Sense	12.960	Volts
Hybrid System State	Determine Hybrid System State	
Motor A - Inverter Current - phase A	0	AMP
Motor A - Inverter Current - phase B	-4	AMP
Motor A - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor B - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase C	0	AMP
Outside Air Temperature	69.8	°F
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Closed	
HV Battery Voltage from BPCM	342.30	Volts
PIM DC Link Voltage - A	344	Volts
PIM DC Link Voltage - B	341	Volts
Inverter A IGBT Temperature for phase A	81	°F
Inverter A IGBT Temperature for phase B	81	°F
Inverter A IGBT Temperature for phase C	81	°F
Inverter B IGBT Temperature for phase A	82	°F
Inverter B IGBT Temperature for phase B	82	°F
Inverter B IGBT Temperature for phase C	84	°F
APM Status	Buck CV	
Impact Event	False	
HCP System Shutdown Command	Default	
Distance Travelled with Light ON	0	miles
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.369	Ft-Lbs
OBCM Operating Mode	UTC	

J1772 Prox Detected State	Prox Out	
HV Battery Sleep Time	0	Days
Motor B Resolver Offset Learn Erase	not requested	
GPS Date - Year	2021	Year
GPS Date - Month	10	
GPS Date - Day	21	Days
UTC Time - Hours	16	Hours
UTC Time - Minutes	45	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	169	ms

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

NAME	VALUE	UNITS
DTC	0C 19 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Original Odometer Value	8613.6	miles
Most Recent Odometer Value	8613.7	miles
Frequency Counter	19	
Ignition Cycle Counter	0	
Real time clock	28494052	sec
RAM stamps keyOn	45	sec
RAM Stamps	130015	Min
Accelerator Pedal Position	0	%
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Engine Speed	0	rpm
HV Battery SOC	27	%
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	False	
Vehicle Speed	0.0000	MPH
Barometric Pressure	14	PSI
Engine Coolant Temperature	91	°F
Actual Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor A	0.000	Ft-Lbs
Inverter A Input DC Current	0.0	AMP

Electric Motor A Speed	8.0	rpm
Motor A - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase B	-4	AMP
Motor A - Inverter Current - phase C	0	AMP
Motor A Phase U Short Fault - High-Side	False	
Motor A Phase U Cross Conduction Fault - High-Side	False	
Motor A Phase U Over Current Fault - High-Side	False	
Motor A Phase U Thermal Warning Fault - High-Side	False	
Motor A Phase U Thermal Shutdown Fault - High-Side	False	
Motor A Phase U Comm Error High Voltage Regulator Fault - High-Side	False	
Motor A Phase U Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor A Phase U SPI Error Fault - High-Side	False	
Motor A Phase U Hardware Error Fault - High-Side	False	
Motor A Phase U Short Fault - Low-Side	False	
Motor A Phase U Cross Conduction Fault - Low-Side	False	
Motor A Phase U Over Current Fault - Low-Side	False	
Motor A Phase U Thermal Warning Fault - Low-Side	False	
Motor A Phase U Thermal Shutdown Fault - Low-Side	False	
Motor A Phase U SPI Error Fault - Low-Side	False	
Motor A Phase U Hardware Error Fault - Low-Side	False	
Motor A Phase V Short Fault - High-Side	False	
Motor A Phase V Cross Conduction Fault - High-Side	False	
Motor A Phase V Over Current Fault - High-Side	False	
Motor A Phase V Thermal Warning Fault - High-Side	False	
Motor A Phase V Thermal Shutdown Fault - High-Side	False	
Motor A Phase V Comm Error High Voltage Regulator Fault - High-Side	False	
Motor A Phase V Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor A Phase V SPI Error Fault - High-Side	False	
Motor A Phase V Hardware Error Fault - High-Side	False	
Motor A Phase V Short Fault - Low-Side	False	
Motor A Phase V Cross Conduction Fault - Low-Side	False	
Motor A Phase V Over Current Fault - Low-Side	False	
Motor A Phase V Thermal Warning Fault - Low-Side	False	
Motor A Phase V Thermal Shutdown Fault - Low-Side	False	
Motor A Phase V SPI Error Fault - Low-Side	False	
Motor A Phase V Hardware Error Fault - Low-Side	False	
Motor A Phase W Short Fault - High-Side	False	
Motor A Phase W Over Current Fault - High-Side	False	
Motor A Phase W Thermal Warning Fault - High-Side	False	
Motor A Phase W Thermal Shutdown Fault - High-Side	False	
Motor A Phase W Comm Error Low Voltage Regulator Fault - High-Side	False	
Motor A Phase W SPI Error Fault - High-Side	False	
Motor A Phase W Hardware Error Fault - High-Side	False	
Motor A Phase W Short Fault - Low-Side	False	

Motor A Phase W Cross Conduction Fault - Low-Side	False	
Motor A Phase W Over Current Fault - Low-Side	False	
Motor A Phase W Thermal Warning Fault - Low-Side	False	
Motor A Phase W Thermal Shutdown Fault - Low-Side	False	
Motor A Phase W Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor A Phase W SPI Error Fault - Low-Side	False	
Motor A Phase W Hardware Error Fault - Low-Side	False	
Motor A Resolver Supply Voltage Value	15.75	Volts
Battery Feed Voltage 2 Sense	14.472	Volts
Battery Feed Voltage 3 Sense	14.400	Volts
Internal EPS Voltage Sense A	8.136	Volts
Internal EPS Voltage Sense B	8.136	Volts
Hybrid System State	Determine Hybrid System State	
PIM DC Link Voltage - A	343	Volts
PIM DC Link Voltage - B	341	Volts
Passive Pump Coolant Temp In Sensor	81	°F
Low Temp Active Pump Speed	0	rpm
High Temp Aux Pump - Actual Speed	0	rpm
Outside Air Temperature	68.0	°F
HV Contactor Status	Closed	
Inverter B Status Feedback	Normal On	
Battery Feed Voltage 1 Sense	14.472	Volts
Actual Torque - Motor B	-0.922	Ft-Lbs
Available Motor Torque - Motor B	232.393	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor B	-232.393	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor B - Inverter Current - phase A	0	AMP
Motor B - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase C	-4	AMP
Motor B Resolver Angle	94	Degree
Motor B Temp Sensor	84	°F
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Battery Voltage from BPCM	342.00	Volts
Electric Motor B Speed	-1.0	rpm
Inverter A IGBT Temperature for phase A	81	°F
Inverter A IGBT Temperature for phase B	81	°F
Inverter A IGBT Temperature for phase C	81	°F
Inverter B IGBT Temperature for phase A	82	°F
Inverter B IGBT Temperature for phase B	84	°F
Inverter B IGBT Temperature for phase C	84	°F

APM Status	Buck CV	
Impact Event	False	
HCP System Shutdown Command	Default	
Distance Travelled with Light ON	0	miles
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	-0.922	Ft-Lbs
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
HV Battery Sleep Time	0	Days
Commanded Inverter A State	Torque Control	
Inverter Status Feedback	Inverter Faulted	
Motor A Phase U Over Voltage Fault VH - High-Side	False	
Motor A Phase U Under Voltage Fault VH - High-Side	False	
Motor A Phase U Over Voltage Fault VL - High-Side	False	
Motor A Phase U Under Voltage Fault VL - High-Side	False	
Motor A Phase U Over Voltage Fault VDD - High-Side	False	
Motor A Phase U Under Voltage Fault VDD - High-Side	False	
Motor A Phase U Over Voltage Fault VH - Low-Side	False	
Motor A Phase U Under Voltage Fault VH - Low-Side	False	
Motor A Phase U Over Voltage Fault VL - Low-Side	False	
Motor A Phase U Under Voltage Fault VL - Low-Side	False	
Motor A Phase U Over Voltage Fault VDD - Low-Side	False	
Motor A Phase U Under Voltage Fault VDD - Low-Side	False	
Motor A Phase U Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor A Phase U Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor A Phase V Over Voltage Fault VH - High-Side	False	
Motor A Phase V Under Voltage Fault VH - High-Side	False	
Motor A Phase V Over Voltage Fault VL - High-Side	False	
Motor A Phase V Under Voltage Fault VL - High-Side	False	
Motor A Phase V Over Voltage Fault VDD - High-SideSide	False	
Motor A Phase V Under Voltage Fault VDD - High-Side	False	
Motor A Phase V Over Voltage Fault VH - Low-Side	False	
Motor A Phase V Under Voltage Fault VH - Low-Side	False	
Motor A Phase V Over Voltage Fault VL - Low-Side	False	
Motor A Phase V Under Voltage Fault VL - Low-Side	False	
Motor A Phase V Over Voltage Fault VDD - Low-Side	False	
Motor A Phase V Under Voltage Fault VDD - Low-Side	False	
Motor A Phase V Comm Error High Voltage Regulator Fault - Low-Side	False	
Motor A Phase V Comm Error Low Voltage Regulator Fault - Low-Side	False	
Motor A Phase W Cross Conduction Fault - High-Side	False	
Motor A Phase W Over Voltage Fault VH - High-Side	False	
Motor A Phase W Under Voltage Fault VH - High-Side	False	
Motor A Phase W Over Voltage Fault VL - High-Side	False	
Motor A Phase W Under Voltage Fault VL - High-Side	False	

Motor A Phase W Over Voltage Fault VDD - High-Side	False	
Motor A Phase W Under Voltage Fault VDD - High-Side	False	
Motor A Phase W Comm Error High Voltage Regulator Fault - High-Side	False	
Motor A Phase W Over Voltage Fault VH - Low-Side	False	
Motor A Phase W Under Voltage Fault VH - Low-Side	False	
Motor A Phase W Over Voltage Fault VL - Low-Side	False	
Motor A Phase W Under Voltage Fault VL - Low-Side	False	
Motor A Phase W Over Voltage Fault VDD - Low-Side	False	
Motor A Phase W Under Voltage Fault VDD - Low-Side	False	
Motor A Phase W Comm Error High Voltage Regulator Fault - Low-Side	False	
Inverter A Status Feedback	Inverter Faulted	
GPS Date - Year	2021	Year
GPS Date - Month	10	
GPS Date - Day	21	Days
UTC Time - Hours	16	Hours
UTC Time - Minutes	47	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	894	ms

SNAPSHOT DATA SUMMARY

No Snapshot Data available for P0A3F-00

No Snapshot Data available for P0C19-00







%PWR



OFF



0 MPH

19%

Avg
37.6
MPG



Service Charging
System

8613 mi

7
mi
Range
462
mi
455
mi

P



E

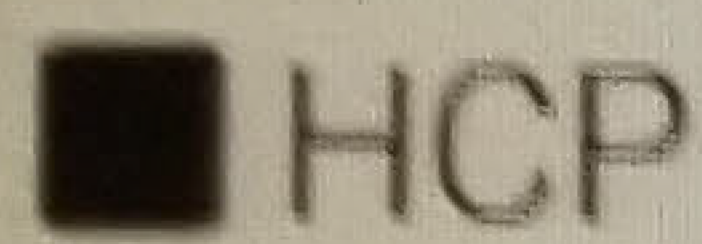




S07278

2021 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE

📶 🔋 11.40 V



HCP

Hybrid Control Processor

☰

▼

Swi

- Flash
- DTCs
- Data
- Misc Functions
- System Tests
- Actuators
- Details
- Configuration

▼ Status: All 🗑️ Clear All DTCs 📷 View Freeze Frame 🚩 View Event Data ⚙️ DTC Data

ECU	CODE	DESCRIPTION	STATUS
HCP	P0A3F-00	Drive Motor A Position Sensor 1 Circuit-	Active
HCP	P0C19-00	Drive Motor A Torque Delivered Performance-	Stored
HCP	P1B03-00	Resolver Signal / MCPA Rationality-	Active

List updates as DTCs are set or cleared.





CA230351AA

Mettler

34XR

MIN MAX

RANGE

HOLD

TRUE RMS

OFF
V
mA
10A
Ω
Hz
%
°C
°F
4000pF
400pF
40pF
4pF
μA

mA μA

10A

1000V
DC 600V

% Temp

