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CONFIGURATION REPORT

Vehicle 2021 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
VIN 2C4RC1S77MR [REDACTED]

Odometer 41542.3 miles
Publication Date Aug 11, 2022, 11:05:18 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
PCM	Powertrain Control Module	CAN-C	68499122AF	2C4RC1S77MR	2C4RC1S77M	68499122AF
PLGM	Power Liftgate	CAN-I	68466171AI	2C4RC1S77MR	—	68466171AI
ICS	Integrated Center Stack	CAN-I	7AS341X8AA	2C4RC1S77MR	2C4RC1S77M	7AS341X8AA
RFH	Radio Frequency Hub	CAN-C	68500152AA	2C4RC1S77MR	2C4RC1S77M	68500152AA
ESM	Electronic Shifter	CAN-C	68240089AM	2C4RC1S77MR	2C4RC1S77M	68240089AM
ORC	Occupant Restraint	CAN-C	68480710AC	2C4RC1S77MR	2C4RC1S77M	68480710AC
EPS	Electric Power Steering	CAN-C	68460392AA	2C4RC1S77MR	2C4RC1S77M	68460392AA
HVAC	Heat, Ventilation and A/C	CAN-I	68493454AE	2C4RC1S77MR	2C4RC1S77M	68493454AE
DDM	Driver Door Module	CAN-I	68496461AB	2C4RC1S77MR	2C4RC1S77M	68496461AB
PDM	Passenger Door Module	CAN-I	68496460AB	2C4RC1S77MR	2C4RC1S77M	68496460AB
DMRL	Door Module Rear Left	CAN-I	68508894AB	2C4RC1S77MR	2C4RC1S77M	68508894AB
DMRR	Door Module Rear Right	CAN-I	68508894AB	2C4RC1S77MR	2C4RC1S77M	68508894AB
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AD	2C4RC1S77MR	2C4RC1S77M	68369596AD
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AD	2C4RC1S77MR	2C4RC1S77M	68369596AD
MSM	Memory Seat Module	CAN-I	68321862AC	2C4RC1S77MR	2C4RC1S77M	68321862AC
CSWM	Comfort Seat Wheel Module	CAN-I	68517013AB	2C4RC1S77MR	2C4RC1S77M	68517013AB
AMP	Amplifier	CAN-I	68448067AA	2C4RC1S77MR	2C4RC1S77M	68448067AA
IPC	Instrument Panel Cluster	CAN-C	68434960AE	2C4RC1S77MR	2C4RC1S77M	68434960AE
PTS	Parktronics	CAN-C	68485862AA	2C4RC1S77MR	2C4RC1S77M	68485862AA
SCCM	Steering Column Control Module	CAN-C	68360889AD	2C4RC1S77MR	2C4RC1S77M	68360889AD
BCM	Body Controller	CAN-C	68491085AG	2C4RC1S77MR	2C4RC1S77M	68491085AG

ACC	Adaptive Cruise Control	CAN-C	68540436AA	2C4RC1S77M		68540436AA
RADIO	Radio	CAN-I	68465292AC	2C4RC1S77M	2C4RC1S77M	68465292AC
OCM	Occupant Classification	CAN-C	68403127AA	2C4RC1S77M	2C4RC1S77M	68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB	2C4RC1S77M	2C4RC1S77M	68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB	2C4RC1S77M	2C4RC1S77M	04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB	2C4RC1S77M	2C4RC1S77M	04672786AB
FFCM	Forward Facing Camera Module	CAN-C	68493395AA	2C4RC1S77M	2C4RC1S77M	68493395AA
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1S77M	2C4RC1S77M	05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193183AD	2C4RC1S77M	2C4RC1S77M	05193183AD
HCP	Hybrid Control Processor	CAN-C	05185116AJ	2C4RC1S77M	2C4RC1S77M	05185116AJ
OBCM	On Board Charging Module	CAN-C	05185047AE	2C4RC1S77M	2C4RC1S77M	05185047AE
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC	2C4RC1S77M	2C4RC1S77M	68321862AC
DSM	Display Screen Module	CAN-I	68437339AD	2C4RC1S77M	2C4RC1S77M	68437339AD
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30PD2AA	2C4RC1S77M	2C4RC1S77M	6WL30PD2AA
CVPM	Central vision processing module	CAN-I	56029920AB	2C4RC1S77M	2C4RC1S77M	56029920AB
EAC	Electric A/C Compressor	CAN-C	68237995AG	2C4RC1S77M	2C4RC1S77M	68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05185117AJ	2C4RC1S77M	2C4RC1S77M	05185117AJ
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB	2C4RC1S77M	2C4RC1S77M	68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD	2C4RC1S77M		68471122AD
SGW	Security Gateway Module	CAN-C	68488429AB		2C4RC1S77M	68488429AB
TBM2	Telematic Box Module 2	CAN-C	68546266AB	2C4RC1S77M	2C4RC1S77M	68546266AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	SERIAL NUMBER	CVNS
PCM	USA	1B 47	75 02 00	4422		
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
APM	USA / USA	11 32 00	11 32 00	4001
BPCM		0E 03 00	14 1A 00	4005
HCP	USA	11 1F 04	0F 2D 00	4006
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
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
ABSO	USA	0E 15 02	14 1B 26	4201
SGW		5	969	4103
TBM2	USA	13 0E 02	14 2A 5C	4104

CONFIGURATION

PCM CONFIGURATION

NAME	VALUE	UNITS
AC Equipped	False	
AC Equipped Over Bus	False	
Power Steering Switch Equipped	False	
4 Button Integrated Cruise Control	False	

EMAT (Getrag DCT transmission) Equipped	False	
Vehicle Speed Sensor #1 Calculated from CAN	False	
Police Package Equipped	False	
Unleaded Gasoline Fuel	True	
Unleaded diesel fuel	False	
6.4 Liter V8 Engine	False	
4 Speed Automatic Transmission Equipped	False	
Electronic Automatic Transmission (EATX) Equipped	False	
Vehicle Speed Sensor #1 Calculated by ECU	False	
4.7 Liter V8 Engine	False	
5.7 Liter V8 Engine	False	
6.1 Liter V8 Engine	False	
Sensorless FFV Enabled	False	
Electronic Throttle Control Equipped	True	
3.6 Liter V6 Engine	True	
4.0 Liter I6 Engine	False	
3.8 Liter V6 Engine	False	
3.7 Liter V6 Engine	False	
3.5 Liter V6 Engine	False	
3.3 Liter V6 Engine	False	
3.2 Liter V6 Engine	False	
2.7 Liter V6 Engine	False	
MTV Solenoid Equipped	False	
MDS Equipped	False	
Turbocharger Equipped	False	
SRV Equipped	False	
Secondary Air Equipped	False	
Shift Indicator Lamp Equipped	False	
Barometric Sensor Equipped	False	
TIP Equipped	False	
Battery Temp Sensor Equipped	False	
Knock Sensor 1 Equipped	True	
Knock Sensor 2 Equipped	True	
WI4 Variable Valve Timing Equipped	True	
Clutch Interlock Switch Equipped	False	
ESIM Equipped	False	
Linear Purge Equipped	False	
Linear EGR Equipped	False	
Continuous Variable Transmission Equipped	False	
Direct Injection Equipped	False	
Secondary Fuel Pump Equipped	False	
Electronic Coolant Pump Equipped	False	
O2 Sensor Bank 1 Sensor 1 Equipped	True	
O2 Sensor Bank 1 Sensor 2 Equipped	True	

O2 Sensor Bank 1 Sensor 3 Equipped	False	
O2 Sensor Bank 2 Sensor 1 Equipped	True	
O2 Sensor Bank 2 Sensor 2 Equipped	True	
Variable Displacement AC Equipped	False	
Fixed displacement AC Equipped	True	
WI4 Intake Flow Control Valve Equipped	False	
Electric Coolant Valve Equipped	False	
Engine Oil Heater Cooler Equipped	True	
Transmission Oil Heater Equipped	False	
Electric Water Pump Equipped	False	
Rear Heater Equipped	False	
Starter Relay 2 Equipped	False	
Inrush Current Reduction Relay Equipped	False	
Active Grille Shutter Equipped	True	
Electronic Vacuum Pump Equipped	False	
Wide Range O2 Sensor 1/1 Equipped	False	
Wide Range O2 Sensor 2/1 Equipped	False	
MultiAir Equipped	False	
Engine Stop Start Equipped	False	
Viscosity Sensor Equipped	False	
Duty Cycle Purge Valve Equipped	True	
Electric Thermostat Heater Equipped	False	
Exhaust Cam 1 Equipped	True	
Intake Cam 1 Equipped	True	
1.8 Liter WI4 engine	False	
2.0 Liter WI4 engine	False	
2.4 Liter WI4 engine	False	
3.0 Liter V6 Engine	False	
Tumble Generator Valve Equipped	False	
Hybrid Electric Vehicle Equipped	True	
Auxiliary Heater Electric Water Pump Equipped	False	
Dual Speed Fuel Pump Equipped	False	
Exhaust Cam 2 Equipped	True	
Intake Cam 2 Equipped	True	
1 Speed Fan Mechanical Relay System Equipped	False	
2 Speed Fan Mechanical Relay System Equipped	False	
2 Speed Fan PWM Relay System Equipped	False	
Linear PWM Fan Relay System Equipped	False	
PWM Fan Motor System Equipped	True	
3 Speed Fan Mechanical Relay System Equipped	False	
Fan Wake Up Relay System Equipped	False	
2 Speed Fan 3 Driver 3 Relay System Equipped	False	
40TE / 41TE / 41TEA	False	
42RLE	False	

45RFE / 545RFE / 65RFE	False	
62TE	False	
66RFE / 68RFE	False	
VLP Is Learnable Indicator	False	
VLP Equipped Indicator	False	
VFS Actuators Available Indicator	False	
ERS Equipped Indicator	False	
Engine Software In Package	True	
Transmission Software Included	False	
ICC Cruise Equipped	False	
ETC Cruise equipped	False	
Adaptive Cruise Control Equipped	True	
A/C Equipped	True	
Adaptive Cruise Control Hardware Equipped	False	
DUAL_ALTERNATOR_GEN1_LEARNEDCOPY	False	
TOOLCONFIG_OIL_PRESS_ABS_EQUIPPED	True	
GPEC2 Equipped	False	
GPEC2A Equipped	True	
GPEC3 Equipped	False	
Cummins Equipped	False	
GPEC4 Equipped	False	
VMM Equipped	False	
Powernet Equipped	True	
CUSW (11-Bit) Equipped	False	
Fiat 940 Compact Equipped	False	
Next Gen Bus Equipped	False	
Constant Heater Temperature Control Valve Equipped	False	
High Side Port Tumble Valve Equipped	Undefined	
CMCV H-Bridge Equipped	Undefined	
Turbine Volute Valve Actuator Equipped	Undefined	
Wastegate H-Bridge Equipped	Undefined	
Active Exhaust Valve Equipped	False	
Active Exhaust Pressure Sensor Equipped	False	
Engine Idle Shutoff Equipped	False	
Aisin 6-Speed RWD Transmission Equipped	False	
Cooled EGR Equipped	False	
Supercharger Equipped	False	
Low Temperature Radiator Coolant Pump Equipped	False	
Mechanical Coolant Pump Heater Equipped	False	
Auxiliary Coolant Pump Heater Equipped	Undefined	
Compressed Natural Gas Equipped	False	
CUSW PROXI Write Programming Support Enabled	False	
Active Engine Mount Equipped	False	
ZF 9-Speed Transmission Equipped	False	

HPT 6-Speed Transmission Equipped	False	
Variable Speed Fuel Pump Equipped	True	
Operator Idle Speed Request Equipped	False	
PTO System Equipped	False	
Air Shutoff Valve Bank 1 Control Solenoid 1 Equipped	False	
Air Shutoff Valve Bank 1 Control Solenoid 2 Equipped	False	
Air Shutoff Valve Bank 2 Control Solenoid 2 Equipped	False	
Dual Stage Oil Pump Equipped	True	
Auxiliary Coolant Pump Equipped	False	
Trans Skip Shift Equipped	False	
Trans Reverse Lockout Equipped	False	
Port Flap Valve Equipped	False	
Brushless PWM Fan Equipped	NOT_FAN_PWM_BOSCH_BRUSHLESS_CNFG	
6.2 Liter V8 Engine	False	
Primary Lin Alternator Equipped	False	
Coolant On-Off Pump Equipped	False	
Oil Pressure Sensor Enabled	True	
Fiat VIN Learning Strategy Equipped	False	
Dual Fuel Tank Equipped	False	
Yaw Rate Sensor ESC Equipped	False	
1.0 Liter I3 Engine	False	
Coolant On-Off Valve Equipped	False	
Buffered Crank Output for ANC (Active Noise Cancellation) Equipped	True	
Buffered Crank Output for PHEV Engine Pulse Calculation Equipped	True	
Throttle Inlet Temp Sensor Equipped	False	
Humidity, Temperature and Pressure Sensor (LIN) Equipped	False	
Dual Fuel Pressure Sensor Equipped	False	
Brake Pedal Sensor Equipped	False	
Dual Fuel Tank Equipped	False	
PTO System Equipped	False	
Low Temp Radiator Coolant Pump Equipped	False	
Engine Idle Shutoff Equipped	False	
A/C Relay Powered from Engine Switched Battery	False	
CNG Large Gas Tank Equipped	False	
Cooled EGR Equipped	False	
Supercharger Equipped	False	
Hybrid MEC Shifter Equipped	False	
Dual Alternator Gen1 Capable	False	
Auxillary Coolant Pump Equipped	False	
ZF 9-Speed Trans Equipped	False	
HPT 6-Speed Trans Equipped	False	
CUSW 4-Button Cruise Equipped	False	
Power Steering Angle Sensor Mandatory	False	
Throttle Inlet Temp Sensor Equipped	False	

LIN Humidity, Temp, and Pressure Sensor Equipped	False	
Dual Fuel Pressure Sensor Equipped	False	
Brake Pedal Sensor Equipped	False	
Clutch Sensor Equipped	False	
SWAP HARDWIRED BRAKE SWITCH INPUTS	False	
Mass Airflow System Equipped	False	
Bi-Directional Crank Sensor Equipped	True	
5 Button Cruise (LIN) Equipped	True	
Operator Idle Speed Request Equipped	False	
INTAKE O2 SENSOR EQUIPPED	False	
Cylinder Pressure Sensor Equipped	False	
Make Up Air Sensor Equipped	False	
Active Exhaust Pressure Sensor Equipped	False	
Secondary Mass Airflow Sensor Equipped	False	
1.0 Liter I3 Engine	False	
2.0 Liter I4 Direct Injection Engine	False	
Variable Valve Lift Equipped	Not Equipped	
Coolant On-Off Pump Equipped	Not Equipped	
Primary Lin Alternator Equipped	Not Equipped	
Electronic Parking Brake Equipped	True	
Active Exhaust Valve(s) Equipped	False	
Mechanical Coolant Pump Equipped	False	
Aux Coolant Pump Heater Equipped	False	
Heater Temp Control Valve Equipped	False	
High Side Port Tumble Valve Equipped	False	
Wastegate HBridge Equipped	False	
Remote Start Present	Present	
Engine Oil Pressure Sensor Type	255	None

ICS CONFIGURATION

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

RFH CONFIGURATION

NAME	VALUE	UNITS
PIN Successfully Programmed	Yes	
VIN Successfully Programmed	Yes	
Valid Key In Ignition	Yes	
KeySense Configuration	False	
Keyless Go	True	
Ignition system type connected	KIN system	
TPM Auto-Locate Enabled	True	

e-shifter present	True	
Auto Park Present	True	
Secret Codes Programmed	True	
Passive Entry	True	
Premium TPM	True	
Base TPM	False	
RKE	True	
Module Configuration Status	True	
Remote Start Present	True	
Hybrid Type	PHEV	
\$0214 Programmed by	Programmed by Supplier EOL	
Hardware Configuration: Remote Start Antenna	Present	
Hardware Configuration: Front Left Door Handle H/W	Serial AP	
Hardware Configuration: Front Right Door Handle H/W	Serial AP	
Hardware Configuration: Rear Left Door Handle H/W	No AP	
Hardware Configuration: Rear Right Door Handle H/W	No AP	
Hardware Configuration: Trunk Door Handle H/W	Simple Switch AP	
RFHub Locked	RFHUB Locked after IAC write	
Fob Location #1 Successfully Programmed	Yes	
Fob Location #2 Successfully Programmed	Yes	
Fob Location #3 Successfully Programmed	No	
Fob Location #4 Successfully Programmed	No	
Fob Location #5 Successfully Programmed	No	
Fob Location #6 Successfully Programmed	No	
Fob Location #7 Successfully Programmed	No	
Fob Location #8 Successfully Programmed	No	
Fob Location #1 Key sense status	Fob is NOT Key Sense	
Fob Location #2 Key sense status	Fob is NOT Key Sense	
Fob Location #3 Key sense status	Fob is NOT Key Sense	
Fob Location #4 Key sense status	Fob is NOT Key Sense	
Fob Location #5 Key sense status	Fob is NOT Key Sense	
Fob Location #6 Key sense status	Fob is NOT Key Sense	
Fob Location #7 Key sense status	Fob is NOT Key Sense	
Fob Location #8 Key sense status	Fob is NOT Key Sense	
Back Up Vehicle Config 1	True	
Back Up Vehicle Config 2	True	
Back Up Vehicle Config 3	True	
Back Up Vehicle Config 4	True	
Back Up Vehicle Config 5	True	
Back Up Vehicle Config 6	True	
Back Up Vehicle Config 7	True	
Back Up ECU Configuration 1	True	
Back Up ECU Configuration 2	True	
Back Up ECU Configuration 3	True	

Back Up ECU Configuration 4	True	
Back Up ECU Configuration 5	True	
Back Up ECU Configuration 6	True	
Back Up ECU Configuration 7	True	
Back Up ECU Configuration 8	True	
Back Up ECU Configuration 9	True	
Back Up ECU Configuration 10	True	
Back Up ECU Configuration 11	True	
Back Up ECU Configuration 12	True	
Back Up ECU Configuration 13	True	
Back Up ECU Configuration 14	True	
Back Up ECU Configuration 15	True	
Back Up ECU Configuration 16	True	
Back Up ECU Configuration 17	True	
Back Up Customer Settings Menu 1 (CSM1)	True	
Back Up Customer Settings Menu 2 (CSM2)	True	
Back Up Programmed ECUs: Cabin Network	True	
Back Up Programmed ECUs: P/T Chassis Network	True	
Secret Key Sent to Body Controller - Most recent attempt	Yes	
Secret Key Sent to Body Controller - Original attempt	Yes	

ORC CONFIGURATION

NAME	VALUE	UNITS
Rollover Sensing	Configured	
EPPM	Not Configured	
Occupant Classification (OCM)	Configured	
First Row Driver Seatbelt Buckle Switch	Configured	
First Row Passenger Seatbelt Buckle Switch	Configured	
Second Row Left seat belt Switch	Not Configured	
Second Row Center seat belt Switch	Not Configured	
Second Row Right seat belt Switch	Not Configured	
Driver Seat Track Position Sensor	Configured	
Passenger Seat Track Position Sensor	Configured	
Passenger Occupant Detection Sensor	Not Configured	
Passenger Airbag Disable Switch	Not Configured	
Passenger Airbag Disable Indicator	Not Configured	
Driver Frontal Squib 1	Configured	
Driver Frontal Squib 2	Configured	
Driver Frontal Squib 3	Configured	
Passenger Frontal Squib 1	Configured	
Passenger Frontal Squib 2	Configured	
Passenger Frontal Squib 3	Configured	
Driver Knee Bolster Squib	Configured	
Passenger Knee Bolster Squib	Configured	

Driver Seatbelt Retractor Pretensioner	Configured	
Passenger Seatbelt Retractor Pretensioner	Configured	
Driver Seatbelt Load Limiter	Configured	
Passenger Seatbelt Load Limiter	Configured	
Driver Seatbelt Anchor Pretensioner	Configured	
Passenger Seatbelt Anchor Pretensioner	Configured	
Driver Seatbelt Buckle Pretensioner	Not Configured	
Passenger Seatbelt Buckle Pretensioner	Not Configured	
Left Curtain Squib 1	Configured	
Right Curtain Squib 1	Configured	
Left Side Seat Squib 1	Configured	
Right Side Seat Squib 1	Configured	
Second Row Left Seat Side Airbag	Not Configured	
Second Row Right Seat Side Airbag	Not Configured	
Driver Frontal Squib 4	Not Configured	
Passenger Frontal Squib 4	Not Configured	
Left Up-Front Acceleration Sensor	Configured	
Right Up-Front Acceleration Sensor	Configured	
Right B-Pillar Impact Acceleration Sensor	Configured	
Left B-Pillar Impact Acceleration Sensor	Configured	
Left C-Pillar Impact Acceleration Sensor	Configured	
Right C-Pillar Impact Acceleration Sensor	Configured	
Right D-Pillar Impact Acceleration Sensor	Configured	
Left D-Pillar Impact Acceleration Sensor	Configured	
Left Side Door Pressure Sensor	Configured	
Right Side Door Pressure Sensor	Configured	
Configuration Column Identifier	A3	

EPS CONFIGURATION

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

HVAC CONFIGURATION

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

HVAC Configuration	Dual Zone ATC + Rear	
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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
Heated Steering Wheel	True	
Vehicle Line D-Series	False	
Vehicle Line R-Series	True	
Vehicle Line W-Series	False	
Vehicle Line J-Series	False	
Vehicle Line L-Series	False	
Vehicle Line M-Series	False	
Vehicle Line P-Series	False	
Vehicle Line U-Series	False	
EC - Seat A	Programmed	
EC - Seat B	Programmed	

AMP CONFIGURATION

NAME	VALUE	UNITS
ANC Calibration Date - Year	18	
ANC Calibration Date - Week	45	
ANC Calibration Date - Patch Level	2	
Current ANC Calibration ID - Service	RU PHEV 3.6L: Sunroof & Harman AMP	
ANC Status	Off - Window Mute	
Surround Sound Activated	Set	
Door Module - Left Front	Present	
Door Module - Left Rear	Present	

Door Module - Right Front	Present	
Door Module - Right Rear	Present	
Premuim - 1	False	
Premuim - 2	False	
Premuim - 3	True	
Non -ANC	False	
No Rear Doors	False	
No HALF Chimes	False	

IPC CONFIGURATION

NAME	VALUE	UNITS
PHEV	True	
Rear Fog Lamp	False	

PTS CONFIGURATION

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

SCCM CONFIGURATION

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

BCM CONFIGURATION

NAME	VALUE	UNITS
BCM (Interior Bus)	Set	
HSM	Set	
DDM	Set	
PDM	Set	
DMRL	Set	
DMRR	Set	
HVAC	Set	
MSM	Set	
PLGM	Set	
VTM	Not Set	
PSDML	Set	
PSDMR	Set	
FSM	Not Set	
Radio	Set	
DTV	Not Set	

ITM	Not Set	
AMP	Set	
EDM	Not Set	
ICS	Set	
HVACR	Set	
CVPM	Set	
EOMR	Set	
MSMP	Set	
VRM	Not Set	
DSM	Set	
EAM	Set	
ANC	Not Set	
AHLM	Not Set	
BCM (PT)	Set	
PCM	Set	
EPS	Set	
ESM	Set	
ABS	Not Set	
RFH	Set	
IPC	Set	
ACC	Set	
ORC	Set	
PTS	Set	
SCCM	Set	
TCM	Not Set	
OCM	Set	
FFCM	Set	
ABSO	Set	
ESL	Not Set	
HCP	Set	
EBCM	Set	
ORC	Set	
ESM	Set	
ESC	Set	
ECM	Set	
HCP	Set	
OBCM	Set	
AHCP	Set	
EAC	Set	
BPCM	Set	
APM	Set	
Number of Reprogramming Attempts - Counter #0	1	
Vehicle Configuration Programmed Status	True	
Last Programmed Status	Manufacturing	

Last Configuration Odometer	0	miles
Vehicle Configuration Auto Write Counter	1	
Vehicle Configuration 1 - Write Counter	5	
Vehicle Configuration 2 - Write Counter	5	
Vehicle Configuration 3 - Write Counter	5	
Vehicle Configuration 4 - Write Counter	5	
Vehicle Configuration 5 - Write Counter	5	
Vehicle Configuration 6 - Write Counter	5	
Programmed ECUs: Cabin Network	5	
Programmed ECUs: P/T Chassis Network	5	
Programmed Network Configuration - Audio / Telematics Network	0	
Programmed ECUs: Hybrid LAN Network	0	
ECU Configuration 1 (CBC Configurable Inputs and Outputs)	5	
ECU Configuration 2 (CBC Features)	5	
ECU Configuration 3	5	
ECU Configuration 4	5	
ECU Configuration 5 (Wireless)	5	
ECU Configuration 5 (Doors)	5	
ECU Configuration 5 (Memory)	5	
ECU Configuration 6 (Brake)	5	
ECU Configuration 6 (Suspension)	5	
ECU Configuration 6 (Powertrain)	5	
ECU Configuration 6 (Safety)	5	
ECU Configuration 7 (CBC Exterior Lighting Calibrations)	5	
ECU Configuration 8 (LIN and Miscellaneous)	5	
ECU Configuration 9A	5	
ECU Configuration 9 (ITM)	5	
ECU Configuration 10	5	
ECU Configuration 11	5	
ECU Configuration 12	5	
ECU Configuration 13	5	
ECU Configuration 14	5	
ECU Configuration 15 (CBC Features)	5	
ECU Configuration 15 (Suspension)	5	
Vehicle Configuration 7 - Write Counter	5	
Vehicle Config CSM1	5	
Vehicle Config CSM2	5	
Model Year	2021	
Vehicle Line	RU	
Country Code	USA	
Left/Right Hand Drive	Left Hand Drive	
Remote Start Present	Set	
Drive Configuration	2WD Front	
Emode Present	Not Set	

Auto Highbeam	Set	
Body Style	Station Wagon	
Maximum Vehicle Speed	0	MPH
Shifter Type	5 Position Rotary Eshifter PRNDL / Type RS5L	
Performance Pages Present	Not Present	
Special Packages	74	
PTS Configuration	Semi Automatic / Semi Automatic	
Hill Descent Feature Present	Not Set	
Select Speed Control Feature Present	Not Set	
Power Inverter Type	No Power Inverter	
Thatcham Present	Not Set	
Rain Sensor Present	Set	
SKIM System Present	Not Set	
Air Conditioning Present	Not Set	
Cruise Feature is Present	Not Set	
Flipper Glass Present	Not Set	
Full Size Spare	Not Set	
Off Road Capable	Not Set	
Special Packages IC	Pacifica	
Max Load Inflation Pressure Rear Tire	36.0	PSI
Max Load Inflation Pressure Front Tire	36.0	PSI
Police Lighting Feature	Not Set	
Power Right Sliding Door Present	Set	
Power Left Sliding Door Present	Set	
RKE System Present	Set	
T-Case Type	Not Present / Not Present	
Wheel Base	Wheel base not programmed / WB_NP	
FOBIK Safe Enable	Set	
ELV Present	Not Set	
Fuel Capacity	17	gallons
Window Express Feature Configuration	All windows express feature	
Adjustable Pedal Feature Present (non-Memory)	Not Set	
Auto Headlamp Feature Present	Set	
Door Alert Feature Present	Not Set	
Two Fuel Sending Units Present	Not Set	
Vehicle is an SRT	Not Set	
Disable Display of Radio Clock	Not Set	
Chassis Type	Type 8	
Display Outside Temperature Present	Set	
HVAC Configuration	Dual Zone ATC + Rear	
Vehicle Brand	Chrysler	
Display Compass Heading Present	Set	
ESCL system present	Not Set	
High Intensity Discharge Head Lamps	Set	

Secondary Lock Present	Not Set	
Liftgate/Trunk Type	Power Liftgate	
Collision Mitigation System present	Set	
Forward Collision Warning present	Set	
Base TPM system present	Not Set	
Premium TPM system present	Set	
Paddle Shift Feature Present	Not Set	
Sport Mode Present	Not Set	
Auto Park Present	Set	
Passive Entry Present	Set	
Keyless Go Present	Set	
Transfer Case High Ratio	1.000	No Unit
Axle Ratio	3.251	
Transfer Case Low Range Reduction Ratio	0.000	
Dynamic Tire Circumference (All or Rear)	89	inch
Analog Door Sensor Configuration	Driver Door Only Analog Sensor	
Air Quality System Present	Not Set	
Steering Ratio at Negative Angle 1	0.0	No Unit
Connector G Pin 9: Ambient Light Dimmer Wheel Input Present	Set	
Connector A Pin 3/Connector D Pin 2: Low Beam Output Present	Set	
Connector E Pin 29: Rear Wiper Motor Park Signal Present	Set	
Connector F Pin 9: Analog Door Ajar Signal Front Driver Present	Set	
Connector F Pin 23: Door Lock Switch Signal Front Passenger Present	Set	
Connector F Pin 29: Horn Switch Present	Set	
Connector A Pin 11: Hood Ajar Switch Input Present	Set	
Connector F Pin 8 : Liftgate Release Outside Handle Switch Present	Not Set	
Connector E Pin 5: PHEV Fuel Door Switch Input	Set	
Connector F Pin 6: Fuel Door Motor Output Signal Present	Set	
Connector D Pin 7: Stop/Turn Trailer Tow Right Output Present	Not Set	
Connector D Pin 9: Trailer Tow Backup Output Present	Not Set	
Connector D Pin 10: Trailer Tow Tail Lamp Output 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	
Connector E Pin 34: Vacuum Cleaner Relay Output Present	Not Set	
Connector G Pin 24 (Internally tied to Connector F Pin 7): Ambient Lighting Output	Set	
Connector F Pin 35: Inverter Enable Relay Output Present	Not 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 E Pin 3/Connector F Pin 42: Rear Turn Lamps Output Present	Not Set	
Connector E Pin 48 (Tied internally to Connector A Pin16): Rear Wiper Motor Control Output Present	Set	

Connector E Pin 9: Run-ACC Y Relay #2 Output Present	Set	
Connector A Pin 10/Connector D Pin 5: Side Markers Output Present	Set	
Connector E Pin 8: PHEV HCP Hardwire Wakeup	Set	
Connector E Pin 42: Charge Port Lock Output Present	Set	
Connector E Pin 41: Charge Port Unlock Output Present	Set	
Connector F Pin 4: Liftgate Release Present	Not Set	
Connector G Pin 15: UGDO Feed Output Present	Set	
Connector G Pin 22: VTA Warning LED Output Present	Set	
Connector E Pin 11: Vacuum Switch Input	Not Set	
Connectro E Pin 37: Right HID Control Output Present	Not Set	
Connector E Pin 7: Left HID Relay Control Output Present	Not Set	
Connector D Pin 22/ Connector D Pin 23: Ambient Temperature Signal/Return Present	Set	
Tip Start Enabled	Set	
Dual Start Relay System Present	Not Set	
Wiper Service Position Enabled	Not Set	
Fuel Door Release Enabled	Not Present	
Trailer Tow Present	Not Set	
Quad Headlamps Enable	Set	
Horn Chirp Allowed	Set	
Bi Xenon Headlamps Enable	Not Set	
Hazard Lamp Configuration	Latching Switch	
Park Lamp Loadshed Enable	Set	
Front Fog Lamp Dropout Enable	Set	
Combined Rear Lighting Enable	Set	
Side Repeaters Enable	Not Set	
One Touch Lane Change	Set	
Exterior Light Loadshed Enable	Set	
Front Wiper Park Enable	Set	
Rear Wiper Park Enable	Set	
Reversible Washer Pump Enable	Set	
Combined Front Park/Turn Feature Enable	Not Set	
DRL Configuration	No DRL	
DRL Lamp Location	Low Beam DRL	
DRL Dropout Enable	Not Set	
Tunnel Detection	Not Set	
Fuel Door Present	Not Set	
LED Reverse Lamps Present	Not Set	
LED Stop Lamps Present	Not Set	
LED Rear Turn Lamps Present	Not Set	
LED Tail Lamps Present	Set	
LED Rear Fog Lamps Present	Not Set	
LED License Lamps Present	Set	
LED Front Turn Lamps Present	Not Set	
LED Front Fog Lamps Present	Set	

LED Dedicated DRL Present	Not Set	
LED Low Beam Lamps Present	Set	
LED High Beam Lamps Present	Set	
LED Front Park/Marker Lamps Present	Set	
Illuminated approach Enabled	Not Set	
Headlamp Wash Spray Duration (at 100 ms intervals)	1100ms	
Headlamp Wash Interval	wash cycle#11	
Headlamp Wash Shot	double	
Front Wiper Wipes After Wash	2 Wipes	
Headlamp Washer Low Fluid Shut-Off Enable	Set	
Intermittent Wiper States	4 Intermittent Wiper position Switch	
LED CHMSL Lamp Present	Set	
Rear Camera Present	Not Set	
Power Inverter Present	Not Set	
Front Park Assist Present	Set	
Front Heated Seats Present	Set	
Destination	United States of America	
Cabin Equilization Curve Number	RU Premium System - Harman 12ch	
Heated Steering Wheel Present	Set	
Surround Sound Feature Present	Set	
Power Door Locks Present	Set	
Antenna Type	Active Primary and no secondary antenna	
Disable CD Eject	Not Set	
Microphone Tuning Parameter	Absent [Not Used]	
Microphone Configuration	2 Microphones	
Microphone Type	Peiker 300 mv	
External Port Type	AUX + USB + extra USB	
Splashscreen Type	Vehicle Brand	
Fleet Vehicle Content	Not Set	
Vehicle Variant	Undefined	
Tip Start Present	Set	
AP5 Trunk Unlock	CAN	
Airport Scenario Trunk	Not Set	
AP5 Trunk Lock	Simple Switch	
AP1 Left Front	Smart Switch	
AP2 Right Front	Smart Switch	
AP3 Left Rear	CAN	
AP4 Right Rear	CAN	
Global Up	Not Set	
Global Down	Not Set	
Sun Shade	Not Set	
Puddle Lamp Present	Not Set	
Rear Door Pre Short Drop	Not Set	
Passenger Window Lockout	Not Set	

Folding mirrors present	Set	
Heated Mirrors Present	Set	
Mirror turn signals present	Set	
Driver Memory Mirrors Present	Set	
Passenger Memory Mirror Present	Set	
Electro-chromatic driver mirror present	Set	
Electro-chromatic passenger mirror present	Not Set	
Tow Mirror Present	Not Set	
Blindspot Mirror Present	Set	
Window Motor Type	Not Set	
Window Hall Sensors Present	Not Set	
Frameless Window Present	Not Set	
Memory Adjustable Pedals Present	Not Set	
Tilt/Telescope Steering Present	Not Set	
Driver Memory Seat Present	Set	
Stow 'n Assist Present - Driver	Set	
Stow 'n Assist Present - Passenger	Set	
Rear Heated Seats Present	Not Present	
Front Vented Seats Present	Present	
Heated Steering Wheel Present	Present	
Heated Seat Material Type	Base Leather	
Heated Wheel Material Type	Full Leather	
Brake System ECU Configuration A	value 0	
ECO Mode Configuration	Remember Previous State with Ignition Key Cycle	
Dual Alternator Present	Not Set	
ODS Present	False	
Driver Kneebag Present	True	
Passenger Kneebag Present	True	
Curtain Airbags Present	True	
Tow Hooks Present	False	
Passive Ped Pro Present	False	
1st Row Seat Side Airbags Present	True	
Integrated EPP Present	False	
BUX Market	False	
Front Park/Turn Voltage	Park to Turn ratio 55 Percent	
Auto Headlamp On Threshold	3.31409	Volt
Auto Headlamp Off Threshold	2.54930	Volt
Left Low Beam Voltage Regulation	13.6 Volts	
Left High Beam Voltage Regulation	13.6 Volts	
Right Low Beam Voltage Regulation	14 Volts	
Right High Beam Voltage Regulation	13.8 Volts	
Left Front Corner Voltage	13.2 Volts	
Right Front Corner Voltage	13.4 Volts	
Left Rear Corner Voltage	14 Volts	

Right Rear Corner Voltage	14 Volts	
Alert no Reply	Set	
Alert On System Fault	Set	
Alert On Search Timeout	Set	
Panic Enable	Set	
Compass Mounting Orientation	Rightside up	
Washer Fluid Level Voltage Threshold	4.46 volts	
Fobik Safe Alerts Per Ignition Cycle	2	
IBS Present	Set	
OHC Module Present	Set	
Humidity Sensor Present	Set	
HFRM Present	Set	
Auto Relock Time	60	seconds
VTA System Present	VTA	
Illuminated Approach Interior Lighting Target Percentage	100(50%)	
Illuminated Approach Headlamp Target Percentage	125 (62.5%)	
Illuminated Approach Taillamp Target Percentage	125 (62.5%)	
Illuminated Approach Interior Lighting Ramp Up Time	130(2600ms)	
CRVMM Present	Set	
EVIC SWS Module Present	Set	
Compass Mounting Angle	0	Degree
IBS Activate MWU	Not Set	
Battery Types	SNA	
IBS Quiescence Current Limit	-250	mA
IBS Minimum Voltage Limit	5.0	Volts
IBS Minimal Charge Limit	10	AmpHrs
Battery Type II	22	
IBS Minimum Charge Limit	600	mA
Connector F Pin 41: Backup-Reverse lamp Left	Not Set	
Connector E Pin 1: Backup-Reverse lamp Right	Set	
Connector F Pin 5: Left Rear Fog Lamp	Output Disable	
Connector E Pin 39: Right Rear Fog Lamp	Output Disable	
Connector F Pin 42: Right Rear Turn Signal	Right Rear Turn Signal	
Connector E Pin 3: Left Rear Turn Signal	Left Rear Turn Signal	
Connector D Pin 1: Left High Beam Feed	AUX High Beam	
Connector A Pin 2: Right High Beam Feed	AUX High Beam	
Connector F Pin 25: Left Rear Turn Lamp Fault Sense	Disable	
Connector F Pin 28: Right Rear Turn Lamp Fault Sense	Disable	
Connector F Pin 27: Left Sliding Door Ajar	Left Sliding Door Ajar	
Connector F Pin 4: Liftgate Release	Trunk/Liftgate Release	
Connector F Pin 31: Right Sliding Door Ajar	Right Sliding Door Ajar	
Connector D Pin 21: Brake Fluid Level Switch	no parallel resistor	
Connector D Pin 12: PHEV ECM Hardwire Wake Up	Engine Control Module Wake up (PHEV only)	
Connector F Pin 29: Horn Switch Input	Horn Switch Input	

Connector A Pin 11: Hood Ajar Switch Signal	500 ohm series and 500 ohm parallel resistors	
Connector E Pin 7: Left HID Relay Control	Left HID Lamp Relay	
Connector E Pin 37: Right HID Relay Control	Right HID Lamp Relay	
Connector E Pin 29: Rear Wiper Motor Park Signal	Reserved	
Connector E Pin 5: E-5 PHEV Fuel Door Switch Input	PHEV Fuel Door Switch	
Stop/Start Enable Switch Present	Not Set	
Siren	Not Set	
Ultrasonics	Not Set	
Tilt	Not Set	
Connector F Pin 13: Left Sliding Door Switch Input (B-Pillar)	Left B-Pillar sliding Door Switch	
Connector F Pin 14: Right Sliding Door Switch Input (B-Pillar)	Right B-Pillar Sliding Door Switch	
Connector F Pin 15: Driver Door Lock Switch Input	Not Present	
Heatsoak Flush Time	105	Time
Engine Off Clear Time	180	Time
Connector F Pin 30: Fuel Door Lock (BUX)	Not Present	
Connctor F Pin 33: Fuel Door Unlock (BUX)	Not Present	
Connector F Pin 34: Spare HSD	Not Present	
Connector F Pin 37: Vacuum Cleaner Power Saver Indicator	Not Present	
Ambient Stable Counter Limit	40	Counter
Heatsoak Speed	15	Counter
Heatsoak Set Time	15	Time
Max Engine Off Time	220	Time
CHMSL Lamp Output Disable	Not Set	
Connector E Pin 28: Secondary Door Ajar Switch Present - PIN E-28	Set	
Manual Door Locks Present	Not Set	
Connector E Pin 48 (Tied internally to Connector A Pin16): Rear Wiper Motor Control Output Present	Rear Wiper (0)	
Connector G Pin11/Connector G Pin 12: Not Used	ERS	
Rain Sensor Module #2 Present	Set	
Humidy Sensor Long Present	Set	
Auto High Beam Module Location	HaLF	
License Plate Lamp Disable	Not Set	
Connector F Pin 29: Horn Switch Present	Horn Switch Input	
Connector E Pin 39: Right Rear Turn Signal	Right Rear Turn Signal	
Connector E Pin 3: Left Rear Turn Signal	Left Rear Turn Signal	
Excess Lateral Acceleration Factor	Filter Off	
Average Last Lateral Acceleration Values	No Averaging	
Excess Longitudinal Acceleration Factor	Filter Off	
Average Last Longitudinal Acceleration Values	No Averaging	
Brake Smoothing Duration	Filter Off	
Brake Smoothing Factor	Filter Off	
Steering Smoothing Duration	Filter Off	
Steering Smoothing Factor	Filter Off	
Steering Smoothing Threshold	Filter Off	
Brake Smoothing Threshold	Filter Off	

Maximum Longitudinal Change	Filter Off	
Maximum Lateral Change	Filter Off	
Acceleration Threshold	Filter Off	
Acceleration Factor	Filter Off	
Nose Dive Threshold	Filter Off	
Nose Dive Factor	Filter Off	
Horn Chirp Duration	Short	
VTA Hood Ajar Monitoring	Not Set	
Headlamp Soak Delay	1.0 sec	
Auto High Beam ON Threshold	25 km/hr	
Auto High Beam OFF Threshold	20 km/hr	
RKE Auto-Relock Feature Enable	Not Set	
PE Auto-Relock Feature Enable	Set	
Parking Light Enable	Not Set	
Interior Lighting Night Threshold	4.45147	Volt
Interior Lighting Day Threshold	4.27498	Volt
TPMS Configuration	Logic 1 NHTSA Enable Warning	
Smart Alternator Present	Not Set	
Temperature Display Resolution	HaLF	
Sunroof Present	Set	
Radio Speaker Open Circuit Disable (LF)	Not Set	
Radio Speaker Open Circuit Disable (RF)	Not Set	
Radio Speaker Open Circuit Disable (LR)	Not Set	
Radio Speaker Open Circuit Disable (RR)	Not Set	
ANC Calibration Parameter Data Set	RU_PHEV_3.6L_tripane_SunRoof_Harman_AMP	
Surround View Camera On/Off Softkey Present	Set	
Drive Mode Version	Version 1	
Show Phone Information in Cluster	01	
Auto Dimming Mirror Hard Button Present	Set	
Automatic Crash Notification Feature Present	Undefined	
Park Assist Tuning Set	BUX Front and Rear Only	
Unlock all doors on 1st press	Set	
Sound Horn on Lock	Set	
Flash Lamps on Lock	Set	
Headlamps on with Wipers	Set	
Auto Lock	Set	
Auto Unlock	Set	
Sliding Door Alert	Set	
Auto Wipers	Set	
Illuminated Approach Time	30	seconds
Headlamp Delay Time	30	seconds
Accessory Delay Time	45	seconds
Daytime Running Lamps	Set	
Hands Free Sliding Door Enable	Set	

Sliding Door Chime Enable	Set	
Auto Highbeam	Set	
Sound Horn on Remote Start	Set	
Sound Horn On Lock Status	Chirp on 1st press/FIRST	
Rear View Camera Static Grid Lines Enabled	Not Set	
Rear View Camera Dynamic Grid Lines Enabled	Not Set	

RADIO CONFIGURATION

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

HVACR CONFIGURATION

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

LBSS CONFIGURATION

NAME	VALUE	UNITS
Steering (LHD/RHD)	Left Hand Drive/ LHD	
Teen Key (RU variant only)	No	
CFG FEATURE	CFG_NONE	

RBSS CONFIGURATION

NAME	VALUE	UNITS
Steering Variant (LHD/RHD)	Left Hand Drive/ LHD	
Teen Key (RU variant only)	No	

FFCM CONFIGURATION

NAME	VALUE	UNITS
HIL mode Enabled	False	
Traceability info	02203144040808	
Traceability info	22203180038903	
XCP Enabled	False	

RCCC CONFIGURATION

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

ABSO CONFIGURATION

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



VEHICLE SCAN REPORT

Vehicle 2021 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
VIN 2C4RC1S77MF [REDACTED]

Odometer 41542.3 miles
Publication Date Aug 11, 2022, 10:48:59 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
PCM	Powertrain Control Module	CAN-C	68499122AF	2C4RC1S77M	2C4RC1S77M	68499122AF
PLGM	Power Liftgate	CAN-I	68466171AI	2C4RC1S77M	—	68466171AI
ICS	Integrated Center Stack	CAN-I	7AS341X8AA	2C4RC1S77M	2C4RC1S77M	7AS341X8AA
RFH	Radio Frequency Hub	CAN-C	68500152AA	2C4RC1S77M	2C4RC1S77M	68500152AA
ESM	Electronic Shifter	CAN-C	68240089AM	2C4RC1S77M	2C4RC1S77M	68240089AM
ORC	Occupant Restraint	CAN-C	68480710AC	2C4RC1S77M	2C4RC1S77M	68480710AC
EPS	Electric Power Steering	CAN-C	68460392AA	2C4RC1S77M	2C4RC1S77M	68460392AA
HVAC	Heat, Ventilation and A/C	CAN-I	68493454AE	2C4RC1S77M	2C4RC1S77M	68493454AE
DDM	Driver Door Module	CAN-I	68496461AB	2C4RC1S77M	2C4RC1S77M	68496461AB
PDM	Passenger Door Module	CAN-I	68496460AB	2C4RC1S77M	2C4RC1S77M	68496460AB
DMRL	Door Module Rear Left	CAN-I	68508894AB	2C4RC1S77M	2C4RC1S77M	68508894AB
DMRR	Door Module Rear Right	CAN-I	68508894AB	2C4RC1S77M	2C4RC1S77M	68508894AB
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AD	2C4RC1S77M	2C4RC1S77M	68369596AD
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AD	2C4RC1S77M	2C4RC1S77M	68369596AD
MSM	Memory Seat Module	CAN-I	68321862AC	2C4RC1S77M	2C4RC1S77M	68321862AC
CSWM	Comfort Seat Wheel Module	CAN-I	68517013AB	2C4RC1S77M	2C4RC1S77M	68517013AB
AMP	Amplifier	CAN-I	68448067AA	2C4RC1S77M	2C4RC1S77M	68448067AA
IPC	Instrument Panel Cluster	CAN-C	68434960AE	2C4RC1S77M	2C4RC1S77M	68434960AE
PTS	Parktronics	CAN-C	68485862AA	2C4RC1S77M	2C4RC1S77M	68485862AA
SCCM	Steering Column Control Module	CAN-C	68360889AD	2C4RC1S77M	2C4RC1S77M	68360889AD
BCM	Body Controller	CAN-C	68491085AG	2C4RC1S77M	2C4RC1S77M	68491085AG

ACC	Adaptive Cruise Control	CAN-C	68540436AA	2C4RC1S77		68540436AA
RADIO	Radio	CAN-I	68465292AC	2C4RC1S77	2C4RC1S77MR	68465292AC
OCM	Occupant Classification	CAN-C	68403127AA	2C4RC1S77	2C4RC1S77MR	68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB	2C4RC1S77	2C4RC1S77MR	68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB	2C4RC1S77	2C4RC1S77MR	04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB	2C4RC1S77	2C4RC1S77MR	04672786AB
FFCM	Forward Facing Camera Module	CAN-C	68493395AA	2C4RC1S77	2C4RC1S77MR	68493395AA
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1S77	2C4RC1S77MR	05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193183AD	2C4RC1S77	2C4RC1S77MR	05193183AD
HCP	Hybrid Control Processor	CAN-C	05185116AJ	2C4RC1S77	2C4RC1S77MR	05185116AJ
OBCM	On Board Charging Module	CAN-C	05185047AE	2C4RC1S77	2C4RC1S77MR	05185047AE
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC	2C4RC1S77	2C4RC1S77MR	68321862AC
DSM	Display Screen Module	CAN-I	68437339AD	2C4RC1S77	2C4RC1S77MR	68437339AD
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30PD2AA	2C4RC1S77	2C4RC1S77MR	6WL30PD2AA
CVPM	Central vision processing module	CAN-I	56029920AB	2C4RC1S77	2C4RC1S77MR	56029920AB
EAC	Electric A/C Compressor	CAN-C	68237995AG	2C4RC1S77	2C4RC1S77MR	68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05185117AJ	2C4RC1S77	2C4RC1S77MR	05185117AJ
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB	2C4RC1S77	2C4RC1S77MR	68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD	2C4RC1S77		68471122AD
SGW	Security Gateway Module	CAN-C	68488429AB		2C4RC1S77MR	68488429AB
TBM2	Telematic Box Module 2	CAN-C	68546266AB	2C4RC1S77	2C4RC1S77MR	68546266AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	SERIAL NUMBER	CVNS
PCM	USA	1B 47	75 02 00	4422		
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
APM	USA / USA	11 32 00	11 32 00	4001
BPCM		0E 03 00	14 1A 00	4005
HCP	USA	11 1F 04	0F 2D 00	4006
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
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
ABSO	USA	0E 15 02	14 1B 26	4201
SGW		5	969	4103
TBM2	USA	13 0E 02	14 2A 5C	4104

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
RFH	C0077-00	Low Tire Pressure-	Stored
HCP	P0CF3-00	Control Pilot Circuit Open-	Stored
OBCM	P0CF3-00	Control Pilot Circuit Open-	Stored

ENVIRONMENTAL DATA SUMMARY

RFH | C0077-00 | Stored | Low Tire Pressure-

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Original Odometer Value	40593	miles
Most Recent Odometer Value	41229	miles
Frequency Counter	5	
Ignition Cycle Counter	40	

HCP | P0CF3-00 | Stored | Control Pilot Circuit Open-

NAME	VALUE	UNITS
DTC	0C F3 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	07	
Occurrence flag	Occurrence	
Original Odometer Value	41530.7	miles
Most Recent Odometer Value	41530.7	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Real time clock	53862308	sec
RAM stamps keyOn	2055	sec
RAM Stamps	293047	Min
Accelerator Pedal Position	0	%
Brake Switch Status	Not Applied	
Engine Speed	0	rpm
Ignition State	Ignition Lock	
PRND Position Display	P	
Propulsion System Active	False	

Vehicle Speed	0.0000	MPH
Barometric Pressure	15	PSI
Engine Coolant Temperature	176	°F
HVIL Sense Input State	Detected	
No Charging Reasons	Reserved	
Battery Feed Voltage 2 Sense	14.112	Volts
Internal EPS Voltage Sense A	8.136	Volts
Internal EPS Voltage Sense B	8.136	Volts
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
Hybrid System State	High Voltage Enabled	
SW Build Release Version	PIM_21B_2109A0_RU_HCP__	
HCP SW Version	21B	
EPT LOC Diag Enable	Enable Limited LOC Diagnostic	
CAN Overrun Counter	0	Number
Impact Event	False	
Outside Air Temperature	120.2	°F
Maximum Charge Current Allowed	0.00	Amps
Charge Current Available	0.00	AMP
OBCM Derating Reason	AC Voltage Limit Derating	
OBCM Operating Mode	UTC	
HCP Commanded OBCM Mode	Idle	
J1772 Prox Detected State	VOOR	
J1772 Pilot Detected State	NO EVSE	
OBCM J1772 S2 Status	Off	
HCP J1772 S2 Close Command	Off	
OBCM Ready to Charge	Charge Disabled	
HCP Command to Enable Charging	Charge Disabled	
HCP Charging System Status	No Charging	
HCP Charging Level	Reserved	
HCP Charging System Fault	True	
HCP Charging Fault Reason	Reserved	
HV Battery Contactor State	Closed	
DC Voltage Not Detected	Passed	
AC Voltage Detected	AC Not OK	
HV Battery Actual Current	1.10	AMP
AC Voltage for Charging	1.2	Volts
AC Current During Charging	0.50	Amps
Maximum EVSE Current Available	0	AMP
HCP Charging Current Command	0.00	AMP
HCP Charging Voltage Command	0	Volts
DC Charging Current	0.30	Amps
OBCM Charging Voltage	344.2	Volts
OBCM Module A Max Temperature	149	°F

OBCM Module B Max Temperature	153	°F
OBCM Module A PCB Temperature	149	°F
OBCM Module B PCB Temperature	153	°F
OBCM Accumulated Charging Time	28596	hrs
OBCM Charging Power	693	KW-Hrs
HV Battery Pump Current	0.0	AMP
Radiator Fan Command	7	%
HV Battery Inlet Temperature	84	°F
HV Battery Outlet Temperature	84	°F
HV Battery Min Cell Voltage	0.225	Volts
Max Cell Voltage	0.550	Volts
Min Cell Temperature	82	°F
Max Cell Temperature	84	°F
HV Battery Sleep Time	0	Days
HV Battery SOC	27	%
Battery Feed Voltage 1 Sense	14.040	Volts
Battery Feed Voltage 3 Sense	13.896	Volts
Actual Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor A	87.205	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
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	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
Motor A Resolver Angle	258	Degree
Motor B Resolver Angle	356	Degree
Motor A Temp Sensor	129	°F
Motor B Temp Sensor	131	°F
HV Contactor Status	Closed	
HV Battery Voltage from BPCM	343.20	Volts
Electric Motor A Speed	0.0	rpm
Electric Motor B Speed	0.0	rpm
PIM DC Link Voltage - A	343	Volts
PIM DC Link Voltage - B	343	Volts
Inverter A IGBT Temperature for phase A	122	°F
Inverter A IGBT Temperature for phase B	122	°F
Inverter A IGBT Temperature for phase C	122	°F

Inverter B IGBT Temperature for phase A	122	°F
Inverter B IGBT Temperature for phase B	122	°F
Inverter B IGBT Temperature for phase C	122	°F
APM Status	Buck CV	
HCP System Shutdown Command	Default	
PHEV Charging Status	No Charging	
Distance Travelled with Light ON	0	miles
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
GPS Date - Year	2022	Year
GPS Date - Month	8	
GPS Date - Day	10	Days
UTC Time - Hours	20	Hours
UTC Time - Minutes	54	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	681	ms

OBCM | POCF3-00 | Stored | Control Pilot Circuit Open-

NAME	VALUE	UNITS
DTC	0C F3 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	True	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Original Odometer Value	41527	miles
Most Recent Odometer Value	41527	miles
Frequency Counter	1	
Ignition Cycle Counter	3	
DTC Extended Data Record Number - Record #2	02	
OBCM Status AC Present	AC Not OK	
AC Line Low	Valid	
AC Line High	Not Valid	
AC Side Current	0.50	Amps
AC Side Volt	1.2	Volts
HCP (EVCU) AC Current Max Cal	-0.50	Amps
HCP (EVCU) Voltage Request	0	Volts
HCP (EVCU) Current Request	0.00	AMP
Battery Not Detected	False	

Battery Voltage Under Min	Not Valid	
Battery Voltage Over Max	Not Valid	
Battery Side Current	0.30	Amps
Battery Side Voltage	164.2	Volts
HV OC	False	
HV OV	False	
HCP (EVCU) HV Current Max Cal	-12.00	Amps
HCP (EVCU) HV Volt Max Cal	152	Volt
HCP (EVCU) HV Volt Min Cal	244	Volt
OBCM Temperature 1	153	°F
OBCM Temperature 2	149	°F
OBCM Temperature 3	133	°F
OBCM Temperature 4	129	°F
NTC1 OT	False	
NTC2 OT	False	
NTC3 OT	False	
NTC4 OT	False	
External OBCM Inlet Temperature (CAN)	-40	°F
J1772 ICA	0	AMP
J1772 S2 Close	Open	
J1772 Stat	Veh Not Connected	
J1772 S2 Status	Open	
Control Pilot Amplitude	7.624	Volts
Control Pilot Duty Cycle	0.00	%
Control Pilot Frequency	1024	Hz
EVSE Pilot Stat	NO EVSE	
Prox Stat	Prox Detected	
Prox Voltage	1.464	Volt
OBC Idle Tml	469	hrs
Watt-Hours of AC Power	802	W-Hrs
Watt Hours of Charge the HV Bus	693	W-Hrs
OBCM Mode	UTC	
OBCM Charger Ready	On	
OBCM WU Status	On	
Charge Enable Status	Chrg Disable	
HCP (EVCU) Shutdown Command	EVCU Operational	
HCP (EVCU) Enable Charge Command	Charge disable	
HCP (EVCU) OBC Mode Request	Idle	
Generic Fail Sts	No Functional Fail Present	
Chrg Fail Sts	No Faults detected	
OBCM Wake Up Reason	Pilot Voltage	
OBC Control Mth	Current	
OBCM Deraing Reason	AC Voltage Limit Derating	
Close Chrg Cntctr	Open	

Chrg Cntctr Stat	Closed	
Chrg Mode	Charge Mode	
OBCM Fault Reason	No Faults detected	
Module A Primary - PFC Temperature	129	°F
Module A Primary - LLC Temperature	127	°F
Module A Secondary - Buck Temperature	129	°F
Module A Secondary - Ambient Temperature	149	°F
Module A Primary - AC Side Volt	1.6	Volts
Module A Primary - AC Side Current	-24.70	Amps
Module A Secondary - Battery Side Voltage	164.2	Volts
Module A Secondary - Battery Side Current	-24.90	Amps
Module A Secondary - Buck Output Voltage	130.9	Volts
Module B Primary - PFC Temperature	138	°F
Module B Primary - LLC Temperature	133	°F
Module B Secondary - Buck Temperature	133	°F
Module B Secondary - Ambient Temperature	153	°F
Module B Primary - AC Side Volt	0.8	Volts
Module B Primary - AC Side Current	-24.80	Amps
Module B Secondary - Battery Side Voltage	164.3	Volts
Module B Secondary - Battery Side Current	-24.80	Amps
Module B Secondary - Buck Output Voltage	130.1	Volts
OBCM - HV Over Voltage Protect	False	
OBCM - LV Aux Over Voltage Protect	False	
OBCM - LV Aux Under Voltage Protect	False	
OBCM - LLC Over Voltage Protect	False	
OBCM - LLC Under Voltage Protect	False	
OBCM - PFC Over Voltage Protect	False	
OBCM - PFC Under Voltage Protect	False	
OBCM - Battery 12V Under Voltage Protect	False	
OBCM - Battery 12V Over Voltage Protect	False	
OBCM - AC Under Voltage Protect	False	
OBCM - AC Over Voltage Protect	False	
OBCM - AC Over Current Protect	False	
OBCM - HV Voltage Over MaxCal Protect	False	
OBCM - HV Over Current Protect	False	
OBCM - Power Stage Over Voltage Protect	False	
OBCM - Internal Memory Fault	False	
OBCM - Over Temperature Protect	False	
OBCM - HCP Loss of Communication Protect	False	
OBCM - Loss BPCM Communication Protect	False	
OBCM - CAN Bus Off	False	
OBCM - Pilot Duty Fault	False	
OBCM - Prox Range To Low	False	
OBCM - Prox Range To High	False	

OBCM - HV Voltage Under MinCal Protect	False	
OBCM - SPI Communication Fault	False	
OBCM - Pilot Short To Battery	False	
OBCM - WakeUp Output Stuck Low	False	
OBCM - WakeUp Output Stuck High	False	
OBCM - ORC Loss of Communication	False	
OBCM - HV Battery Not Contact	False	
OBCM - Loss Communication Protect	False	
OBCM - Receive HV Battery Contact Open From BPCM	False	
OBCM - Secondary Aux Over Voltage Protect	False	
OBCM - Secondary Aux Under Voltage Protect	False	
OBCM - Primary Aux Over Voltage Protect	False	
OBCM - Primary Aux Under Voltage Protect	False	
OBCM - Stuck Shutdown	False	
OBCM - Cycle Shutdown	False	
OBCM - HV Under Voltage Protect	False	
OBCM - Vehicle Impact	False	
OBCM - ARC/CRC Fault	False	
OBCM - AC Contact Welded Fault	False	
Control Pilot Open fault	True	
Prox open fault	False	
OBCM - Internal S2 Switch Low Fault	False	
OBCM - Internal S2 Switch High Fault	False	
OBCM - Pilot Range Fault	False	
OBCM - Prox Range Fault	False	
force shutdown fault	False	
pilot signal wake up issue because of EVSE	False	
HCP stuck low fault	False	
HCP stuck High fault	False	
Plant mode flag	False	
Retry fault flag	False	
Loss SBC communcation (SPI)	False	
pilot input short to ground fault	False	
pilto input short to battery fault in Driver mode detecting	False	
pilot short to ground fault in driver mode detecting	False	
Charging ready line open fault	False	
Pilot frequency range fault	False	
OBCM - Internal S2 Switch High Fault in Driver mode detecting	False	
Module A Primary - AC Under Voltage Protect	False	
Module A Primary - PFC Power Limit	True	
Module A Primary - PFC Enable States	False	
Module A Primary - LLC Enable States	False	
Module A Primary - PFC Under Voltage Protect	False	
Module A Primary - PFC Over Voltage Protect	False	

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

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

Module B Secondary - Loss Primary Communication Protect	False	
Module B Secondary - LV Micro Enable Command	False	
Module B Secondary - Loss LV Communication Protect	False	
Module B Secondary - Primary Turn On States	False	
Module B Secondary - Primary Shutdown States	False	
Module B Secondary - HV Under Voltage Protect	False	
Module B Secondary - Standby Mode	True	
Module B Secondary - Operate Mode	False	
Module B Secondary - Shutdown Mode	False	
Module B Secondary - LV Micro Disable Command	True	
Module B Secondary - PFC High Temperature Derating	False	
Module B Secondary - PFC Low Temperature Derating	False	
Module B Secondary - LLC High Temperature Derating	False	
Module B Secondary - LLC Low Temperature Derating	False	
Module B Secondary - HV High Temperature Derating	False	
Module B Secondary - HV Low Temperature Derating	False	
Module B Secondary - Ambient High Temperature Derating	False	
Module B Secondary - Ambient Low Temperature Derating	False	
Module B Secondary - AC Input Voltage Derating	True	
Module B Secondary - HV Output Voltage Derating	False	
SBC State_DF00	00	
SBC State_DF80	00	
SBC State_E100	00	
SBC State_E180	88	
SBC State_E300	00	
SBC State_E500	00	
SBC State_E580	00	
OBCM Charge Current Available	0.00	AMP
BPCM HV Battery Contactor Open	False	
SBC Bus Off	False	
CANSIP Bus Off	False	
OBC Charge Time	0	sec
OBC Charge Tml	28596	hrs
OBC Idle Time	3	sec
EPT LOC Diag Enable	Enable Limited LOC Diagnostic	
HCP Shutdown Command	No Shutdown	
HV Battey Contactor Open	False	
BPCM Request for HV Contactor	False	
HV Contactor Status	Open	
Ignition on Time for DTC	0	sec

SNAPSHOT DATA SUMMARY

No Snapshot Data available for C0077-00

No Snapshot Data available for P0CF3-00

No Snapshot Data available for P0CF3-00



VEHICLE SCAN REPORT

Vehicle 2021 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
VIN 2C4RC1S77MF [REDACTED]

Odometer 41542.3 miles
Publication Date Aug 11, 2022, 10:48:59 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
PCM	Powertrain Control Module	CAN-C	68499122AF	2C4RC1S77	2C4RC1S77M	68499122AF
PLGM	Power Liftgate	CAN-I	68466171AI	2C4RC1S77	—	68466171AI
ICS	Integrated Center Stack	CAN-I	7AS341X8AA	2C4RC1S77	2C4RC1S77M	7AS341X8AA
RFH	Radio Frequency Hub	CAN-C	68500152AA	2C4RC1S77	2C4RC1S77M	68500152AA
ESM	Electronic Shifter	CAN-C	68240089AM	2C4RC1S77	2C4RC1S77M	68240089AM
ORC	Occupant Restraint	CAN-C	68480710AC	2C4RC1S77	2C4RC1S77M	68480710AC
EPS	Electric Power Steering	CAN-C	68460392AA	2C4RC1S77	2C4RC1S77M	68460392AA
HVAC	Heat, Ventilation and A/C	CAN-I	68493454AE	2C4RC1S77	2C4RC1S77M	68493454AE
DDM	Driver Door Module	CAN-I	68496461AB	2C4RC1S77	2C4RC1S77M	68496461AB
PDM	Passenger Door Module	CAN-I	68496460AB	2C4RC1S77	2C4RC1S77M	68496460AB
DMRL	Door Module Rear Left	CAN-I	68508894AB	2C4RC1S77	2C4RC1S77M	68508894AB
DMRR	Door Module Rear Right	CAN-I	68508894AB	2C4RC1S77	2C4RC1S77M	68508894AB
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AD	2C4RC1S77	2C4RC1S77M	68369596AD
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AD	2C4RC1S77	2C4RC1S77M	68369596AD
MSM	Memory Seat Module	CAN-I	68321862AC	2C4RC1S77	2C4RC1S77M	68321862AC
CSWM	Comfort Seat Wheel Module	CAN-I	68517013AB	2C4RC1S77	2C4RC1S77M	68517013AB
AMP	Amplifier	CAN-I	68448067AA	2C4RC1S77	2C4RC1S77M	68448067AA
IPC	Instrument Panel Cluster	CAN-C	68434960AE	2C4RC1S77	2C4RC1S77M	68434960AE
PTS	Parktronics	CAN-C	68485862AA	2C4RC1S77	2C4RC1S77M	68485862AA
SCCM	Steering Column Control Module	CAN-C	68360889AD	2C4RC1S77	2C4RC1S77M	68360889AD
BCM	Body Controller	CAN-C	68491085AG	2C4RC1S77	2C4RC1S77M	68491085AG

ACC	Adaptive Cruise Control	CAN-C	68540436AA	2C4RC1S77MR			68540436AA
RADIO	Radio	CAN-I	68465292AC	2C4RC1S77MR	2C4RC1S77M		68465292AC
OCM	Occupant Classification	CAN-C	68403127AA	2C4RC1S77MR	2C4RC1S77M		68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB	2C4RC1S77MR	2C4RC1S77M		68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB	2C4RC1S77MR	2C4RC1S77M		04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB	2C4RC1S77MR	2C4RC1S77M		04672786AB
FFCM	Forward Facing Camera Module	CAN-C	68493395AA	2C4RC1S77MR	2C4RC1S77M		68493395AA
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1S77MR	2C4RC1S77M		05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193183AD	2C4RC1S77MR	2C4RC1S77M		05193183AD
HCP	Hybrid Control Processor	CAN-C	05185116AJ	2C4RC1S77MR	2C4RC1S77M		05185116AJ
OBCM	On Board Charging Module	CAN-C	05185047AE	2C4RC1S77MR	2C4RC1S77M		05185047AE
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC	2C4RC1S77MR	2C4RC1S77M		68321862AC
DSM	Display Screen Module	CAN-I	68437339AD	2C4RC1S77MR	2C4RC1S77M		68437339AD
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30PD2AA	2C4RC1S77MR	2C4RC1S77M		6WL30PD2AA
CVPM	Central vision processing module	CAN-I	56029920AB	2C4RC1S77MR	2C4RC1S77M		56029920AB
EAC	Electric A/C Compressor	CAN-C	68237995AG	2C4RC1S77MR	2C4RC1S77M		68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05185117AJ	2C4RC1S77MR	2C4RC1S77M		05185117AJ
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB	2C4RC1S77MR	2C4RC1S77M		68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD	2C4RC1S77MR			68471122AD
SGW	Security Gateway Module	CAN-C	68488429AB		2C4RC1S77M		68488429AB
TBM2	Telematic Box Module 2	CAN-C	68546266AB	2C4RC1S77MR	2C4RC1S77M		68546266AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	SERIAL NUMBER	CVNS
PCM	USA	1B 47	75 02 00	4422		
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
APM	USA / USA	11 32 00	11 32 00	4001
BPCM		0E 03 00	14 1A 00	4005
HCP	USA	11 1F 04	0F 2D 00	4006
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
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
ABSO	USA	0E 15 02	14 1B 26	4201
SGW		5	969	4103
TBM2	USA	13 0E 02	14 2A 5C	4104

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
RFH	C0077-00	Low Tire Pressure-	Stored
HCP	P0CF3-00	Control Pilot Circuit Open-	Stored
OBCM	P0CF3-00	Control Pilot Circuit Open-	Stored

ENVIRONMENTAL DATA SUMMARY

RFH | C0077-00 | Stored | Low Tire Pressure-

NAME	VALUE	UNITS
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Original Odometer Value	40593	miles
Most Recent Odometer Value	41229	miles
Frequency Counter	5	
Ignition Cycle Counter	40	

HCP | P0CF3-00 | Stored | Control Pilot Circuit Open-

NAME	VALUE	UNITS
DTC	0C F3 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	07	
Occurrence flag	Occurrence	
Original Odometer Value	41530.7	miles
Most Recent Odometer Value	41530.7	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Real time clock	53862308	sec
RAM stamps keyOn	2055	sec
RAM Stamps	293047	Min
Accelerator Pedal Position	0	%
Brake Switch Status	Not Applied	
Engine Speed	0	rpm
Ignition State	Ignition Lock	
PRND Position Display	P	
Propulsion System Active	False	

Vehicle Speed	0.0000	MPH
Barometric Pressure	15	PSI
Engine Coolant Temperature	176	°F
HVIL Sense Input State	Detected	
No Charging Reasons	Reserved	
Battery Feed Voltage 2 Sense	14.112	Volts
Internal EPS Voltage Sense A	8.136	Volts
Internal EPS Voltage Sense B	8.136	Volts
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
Hybrid System State	High Voltage Enabled	
SW Build Release Version	PIM_21B_2109A0_RU_HCP__	
HCP SW Version	21B	
EPT LOC Diag Enable	Enable Limited LOC Diagnostic	
CAN Overrun Counter	0	Number
Impact Event	False	
Outside Air Temperature	120.2	°F
Maximum Charge Current Allowed	0.00	Amps
Charge Current Available	0.00	AMP
OBCM Derating Reason	AC Voltage Limit Derating	
OBCM Operating Mode	UTC	
HCP Commanded OBCM Mode	Idle	
J1772 Prox Detected State	VOOR	
J1772 Pilot Detected State	NO EVSE	
OBCM J1772 S2 Status	Off	
HCP J1772 S2 Close Command	Off	
OBCM Ready to Charge	Charge Disabled	
HCP Command to Enable Charging	Charge Disabled	
HCP Charging System Status	No Charging	
HCP Charging Level	Reserved	
HCP Charging System Fault	True	
HCP Charging Fault Reason	Reserved	
HV Battery Contactor State	Closed	
DC Voltage Not Detected	Passed	
AC Voltage Detected	AC Not OK	
HV Battery Actual Current	1.10	AMP
AC Voltage for Charging	1.2	Volts
AC Current During Charging	0.50	Amps
Maximum EVSE Current Available	0	AMP
HCP Charging Current Command	0.00	AMP
HCP Charging Voltage Command	0	Volts
DC Charging Current	0.30	Amps
OBCM Charging Voltage	344.2	Volts
OBCM Module A Max Temperature	149	°F

OBCM Module B Max Temperature	153	°F
OBCM Module A PCB Temperature	149	°F
OBCM Module B PCB Temperature	153	°F
OBCM Accumulated Charging Time	28596	hrs
OBCM Charging Power	693	KW-Hrs
HV Battery Pump Current	0.0	AMP
Radiator Fan Command	7	%
HV Battery Inlet Temperature	84	°F
HV Battery Outlet Temperature	84	°F
HV Battery Min Cell Voltage	0.225	Volts
Max Cell Voltage	0.550	Volts
Min Cell Temperature	82	°F
Max Cell Temperature	84	°F
HV Battery Sleep Time	0	Days
HV Battery SOC	27	%
Battery Feed Voltage 1 Sense	14.040	Volts
Battery Feed Voltage 3 Sense	13.896	Volts
Actual Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor A	87.205	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Regen Torque - Motor A	-87.205	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
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	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
Motor A Resolver Angle	258	Degree
Motor B Resolver Angle	356	Degree
Motor A Temp Sensor	129	°F
Motor B Temp Sensor	131	°F
HV Contactor Status	Closed	
HV Battery Voltage from BPCM	343.20	Volts
Electric Motor A Speed	0.0	rpm
Electric Motor B Speed	0.0	rpm
PIM DC Link Voltage - A	343	Volts
PIM DC Link Voltage - B	343	Volts
Inverter A IGBT Temperature for phase A	122	°F
Inverter A IGBT Temperature for phase B	122	°F
Inverter A IGBT Temperature for phase C	122	°F

Inverter B IGBT Temperature for phase A	122	°F
Inverter B IGBT Temperature for phase B	122	°F
Inverter B IGBT Temperature for phase C	122	°F
APM Status	Buck CV	
HCP System Shutdown Command	Default	
PHEV Charging Status	No Charging	
Distance Travelled with Light ON	0	miles
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
GPS Date - Year	2022	Year
GPS Date - Month	8	
GPS Date - Day	10	Days
UTC Time - Hours	20	Hours
UTC Time - Minutes	54	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	681	ms

OBCM | POCF3-00 | Stored | Control Pilot Circuit Open-

NAME	VALUE	UNITS
DTC	0C F3 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	True	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Original Odometer Value	41527	miles
Most Recent Odometer Value	41527	miles
Frequency Counter	1	
Ignition Cycle Counter	3	
DTC Extended Data Record Number - Record #2	02	
OBCM Status AC Present	AC Not OK	
AC Line Low	Valid	
AC Line High	Not Valid	
AC Side Current	0.50	Amps
AC Side Volt	1.2	Volts
HCP (EVCU) AC Current Max Cal	-0.50	Amps
HCP (EVCU) Voltage Request	0	Volts
HCP (EVCU) Current Request	0.00	AMP
Battery Not Detected	False	

Battery Voltage Under Min	Not Valid	
Battery Voltage Over Max	Not Valid	
Battery Side Current	0.30	Amps
Battery Side Voltage	164.2	Volts
HV OC	False	
HV OV	False	
HCP (EVCU) HV Current Max Cal	-12.00	Amps
HCP (EVCU) HV Volt Max Cal	152	Volt
HCP (EVCU) HV Volt Min Cal	244	Volt
OBCM Temperature 1	153	°F
OBCM Temperature 2	149	°F
OBCM Temperature 3	133	°F
OBCM Temperature 4	129	°F
NTC1 OT	False	
NTC2 OT	False	
NTC3 OT	False	
NTC4 OT	False	
External OBCM Inlet Temperature (CAN)	-40	°F
J1772 ICA	0	AMP
J1772 S2 Close	Open	
J1772 Stat	Veh Not Connected	
J1772 S2 Status	Open	
Control Pilot Amplitude	7.624	Volts
Control Pilot Duty Cycle	0.00	%
Control Pilot Frequency	1024	Hz
EVSE Pilot Stat	NO EVSE	
Prox Stat	Prox Detected	
Prox Voltage	1.464	Volt
OBC Idle Tml	469	hrs
Watt-Hours of AC Power	802	W-Hrs
Watt Hours of Charge the HV Bus	693	W-Hrs
OBCM Mode	UTC	
OBCM Charger Ready	On	
OBCM WU Status	On	
Charge Enable Status	Chrg Disable	
HCP (EVCU) Shutdown Command	EVCU Operational	
HCP (EVCU) Enable Charge Command	Charge disable	
HCP (EVCU) OBC Mode Request	Idle	
Generic Fail Sts	No Functional Fail Present	
Chrg Fail Sts	No Faults detected	
OBCM Wake Up Reason	Pilot Voltage	
OBC Control Mth	Current	
OBCM Deraing Reason	AC Voltage Limit Derating	
Close Chrg Cntctr	Open	

Chrg Cntctr Stat	Closed	
Chrg Mode	Charge Mode	
OBCM Fault Reason	No Faults detected	
Module A Primary - PFC Temperature	129	°F
Module A Primary - LLC Temperature	127	°F
Module A Secondary - Buck Temperature	129	°F
Module A Secondary - Ambient Temperature	149	°F
Module A Primary - AC Side Volt	1.6	Volts
Module A Primary - AC Side Current	-24.70	Amps
Module A Secondary - Battery Side Voltage	164.2	Volts
Module A Secondary - Battery Side Current	-24.90	Amps
Module A Secondary - Buck Output Voltage	130.9	Volts
Module B Primary - PFC Temperature	138	°F
Module B Primary - LLC Temperature	133	°F
Module B Secondary - Buck Temperature	133	°F
Module B Secondary - Ambient Temperature	153	°F
Module B Primary - AC Side Volt	0.8	Volts
Module B Primary - AC Side Current	-24.80	Amps
Module B Secondary - Battery Side Voltage	164.3	Volts
Module B Secondary - Battery Side Current	-24.80	Amps
Module B Secondary - Buck Output Voltage	130.1	Volts
OBCM - HV Over Voltage Protect	False	
OBCM - LV Aux Over Voltage Protect	False	
OBCM - LV Aux Under Voltage Protect	False	
OBCM - LLC Over Voltage Protect	False	
OBCM - LLC Under Voltage Protect	False	
OBCM - PFC Over Voltage Protect	False	
OBCM - PFC Under Voltage Protect	False	
OBCM - Battery 12V Under Voltage Protect	False	
OBCM - Battery 12V Over Voltage Protect	False	
OBCM - AC Under Voltage Protect	False	
OBCM - AC Over Voltage Protect	False	
OBCM - AC Over Current Protect	False	
OBCM - HV Voltage Over MaxCal Protect	False	
OBCM - HV Over Current Protect	False	
OBCM - Power Stage Over Voltage Protect	False	
OBCM - Internal Memory Fault	False	
OBCM - Over Temperature Protect	False	
OBCM - HCP Loss of Communication Protect	False	
OBCM - Loss BPCM Communication Protect	False	
OBCM - CAN Bus Off	False	
OBCM - Pilot Duty Fault	False	
OBCM - Prox Range To Low	False	
OBCM - Prox Range To High	False	

OBCM - HV Voltage Under MinCal Protect	False	
OBCM - SPI Communication Fault	False	
OBCM - Pilot Short To Battery	False	
OBCM - WakeUp Output Stuck Low	False	
OBCM - WakeUp Output Stuck High	False	
OBCM - ORC Loss of Communication	False	
OBCM - HV Battery Not Contact	False	
OBCM - Loss Communication Protect	False	
OBCM - Receive HV Battery Contact Open From BPCM	False	
OBCM - Secondary Aux Over Voltage Protect	False	
OBCM - Secondary Aux Under Voltage Protect	False	
OBCM - Primary Aux Over Voltage Protect	False	
OBCM - Primary Aux Under Voltage Protect	False	
OBCM - Stuck Shutdown	False	
OBCM - Cycle Shutdown	False	
OBCM - HV Under Voltage Protect	False	
OBCM - Vehicle Impact	False	
OBCM - ARC/CRC Fault	False	
OBCM - AC Contact Welded Fault	False	
Control Pilot Open fault	True	
Prox open fault	False	
OBCM - Internal S2 Switch Low Fault	False	
OBCM - Internal S2 Switch High Fault	False	
OBCM - Pilot Range Fault	False	
OBCM - Prox Range Fault	False	
force shutdown fault	False	
pilot signal wake up issue because of EVSE	False	
HCP stuck low fault	False	
HCP stuck High fault	False	
Plant mode flag	False	
Retry fault flag	False	
Loss SBC communication (SPI)	False	
pilot input short to ground fault	False	
pilot input short to battery fault in Driver mode detecting	False	
pilot short to ground fault in driver mode detecting	False	
Charging ready line open fault	False	
Pilot frequency range fault	False	
OBCM - Internal S2 Switch High Fault in Driver mode detecting	False	
Module A Primary - AC Under Voltage Protect	False	
Module A Primary - PFC Power Limit	True	
Module A Primary - PFC Enable States	False	
Module A Primary - LLC Enable States	False	
Module A Primary - PFC Under Voltage Protect	False	
Module A Primary - PFC Over Voltage Protect	False	

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

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

Module B Secondary - Loss Primary Communication Protect	False	
Module B Secondary - LV Micro Enable Command	False	
Module B Secondary - Loss LV Communication Protect	False	
Module B Secondary - Primary Turn On States	False	
Module B Secondary - Primary Shutdown States	False	
Module B Secondary - HV Under Voltage Protect	False	
Module B Secondary - Standby Mode	True	
Module B Secondary - Operate Mode	False	
Module B Secondary - Shutdown Mode	False	
Module B Secondary - LV Micro Disable Command	True	
Module B Secondary - PFC High Temperature Derating	False	
Module B Secondary - PFC Low Temperature Derating	False	
Module B Secondary - LLC High Temperature Derating	False	
Module B Secondary - LLC Low Temperature Derating	False	
Module B Secondary - HV High Temperature Derating	False	
Module B Secondary - HV Low Temperature Derating	False	
Module B Secondary - Ambient High Temperature Derating	False	
Module B Secondary - Ambient Low Temperature Derating	False	
Module B Secondary - AC Input Voltage Derating	True	
Module B Secondary - HV Output Voltage Derating	False	
SBC State_DF00	00	
SBC State_DF80	00	
SBC State_E100	00	
SBC State_E180	88	
SBC State_E300	00	
SBC State_E500	00	
SBC State_E580	00	
OBCM Charge Current Available	0.00	AMP
BPCM HV Battery Contactor Open	False	
SBC Bus Off	False	
CANSIP Bus Off	False	
OBC Charge Time	0	sec
OBC Charge Tml	28596	hrs
OBC Idle Time	3	sec
EPT LOC Diag Enable	Enable Limited LOC Diagnostic	
HCP Shutdown Command	No Shutdown	
HV Battey Contactor Open	False	
BPCM Request for HV Contactor	False	
HV Contactor Status	Open	
Ignition on Time for DTC	0	sec

SNAPSHOT DATA SUMMARY

No Snapshot Data available for C0077-00

No Snapshot Data available for P0CF3-00

No Snapshot Data available for P0CF3-00



VEHICLE SCAN REPORT

Vehicle 2021 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
VIN 2C4RC1S77M [REDACTED]

Odometer 41597.6 miles
Publication Date Sep 6, 2022, 8:38:31 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
PCM	Powertrain Control Module	CAN-C	68499122AF	2C4RC1S77MR	2C4RC1S77MR	68499122AF
PLGM	Power Liftgate	CAN-I	68466171AI	2C4RC1S77MR	—	68466171AI
ICS	Integrated Center Stack	CAN-I	7AS341X8AA	2C4RC1S77MR	2C4RC1S77MR	7AS341X8AA
RFH	Radio Frequency Hub	CAN-C	68500152AA	2C4RC1S77MR	2C4RC1S77MR	68500152AA
ESM	Electronic Shifter	CAN-C	68240089AM	2C4RC1S77MR	2C4RC1S77MR	68240089AM
ORC	Occupant Restraint	CAN-C	68480710AC	2C4RC1S77MR	2C4RC1S77MR	68480710AC
EPS	Electric Power Steering	CAN-C	68460392AA	2C4RC1S77MR	2C4RC1S77MR	68460392AA
HVAC	Heat, Ventilation and A/C	CAN-I	68493454AE	2C4RC1S77MR	2C4RC1S77MR	68493454AE
DDM	Driver Door Module	CAN-I	68496461AB	2C4RC1S77MR	2C4RC1S77MR	68496461AB
PDM	Passenger Door Module	CAN-I	68496460AB	2C4RC1S77MR	2C4RC1S77MR	68496460AB
DMRL	Door Module Rear Left	CAN-I	68508894AB	2C4RC1S77MR	2C4RC1S77MR	68508894AB
DMRR	Door Module Rear Right	CAN-I	68508894AB	2C4RC1S77MR	2C4RC1S77MR	68508894AB
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AD	2C4RC1S77MR	2C4RC1S77MR	68369596AD
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AD	2C4RC1S77MR	2C4RC1S77MR	68369596AD
MSM	Memory Seat Module	CAN-I	68321862AC	2C4RC1S77MR	2C4RC1S77MR	68321862AC
CSWM	Comfort Seat Wheel Module	CAN-I	68517013AB	2C4RC1S77MR	2C4RC1S77MR	68517013AB
AMP	Amplifier	CAN-I	68448067AA	2C4RC1S77MR	2C4RC1S77MR	68448067AA
IPC	Instrument Panel Cluster	CAN-C	68434960AE	2C4RC1S77MR	2C4RC1S77MR	68434960AE
PTS	Parktronics	CAN-C	68485862AA	2C4RC1S77MR	2C4RC1S77MR	68485862AA
SCCM	Steering Column Control Module	CAN-C	68360889AD	2C4RC1S77MR	2C4RC1S77MR	68360889AD
BCM	Body Controller	CAN-C	68491085AG	2C4RC1S77MR	2C4RC1S77MR	68491085AG

ACC	Adaptive Cruise Control	CAN-C	68540436AA	2C4RC1S77MR		68540436AA
RADIO	Radio	CAN-I	68465292AC	2C4RC1S77MR	2C4RC1S77MR	68465292AC
OCM	Occupant Classification	CAN-C	68403127AA	2C4RC1S77MR	2C4RC1S77MR	68403127AA
HVACR	Heat, Ventilation and A/C Rear	CAN-I	68373079AB	2C4RC1S77MR	2C4RC1S77MR	68373079AB
LBSS	Left Blind Spot Sensor	CAN-I	04672786AB	2C4RC1S77MR	2C4RC1S77MR	04672786AB
RBSS	Right Blind Spot Sensor	CAN-I	04672786AB	2C4RC1S77MR	2C4RC1S77MR	04672786AB
FFCM	Forward Facing Camera Module	CAN-C	68493395AA	2C4RC1S77MR	2C4RC1S77MR	68493395AA
APM	Accessory Power Module	CAN-C	05185046AB	2C4RC1S77MR	2C4RC1S77MR	05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193183AE	2C4RC1S77MR	2C4RC1S77MR	05193183AE
HCP	Hybrid Control Processor	CAN-C	05185116AJ	2C4RC1S77MR	2C4RC1S77MR	05185116AJ
OBCM	On Board Charging Module	CAN-C	05185047AE	2C4RC1S77MR	2C4RC1S77MR	05185047AE
MSMP	Memory Seat Module - Passenger	CAN-I	68321862AC	2C4RC1S77MR	2C4RC1S77MR	68321862AC
DSM	Display Screen Module	CAN-I	68437339AD	2C4RC1S77MR	2C4RC1S77MR	68437339AD
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30PD2AA	2C4RC1S77MR	2C4RC1S77MR	6WL30PD2AA
CVPM	Central vision processing module	CAN-I	56029920AB	2C4RC1S77MR	2C4RC1S77MR	56029920AB
EAC	Electric A/C Compressor	CAN-C	68237995AG	2C4RC1S77MR	2C4RC1S77MR	68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05185117AJ	2C4RC1S77MR	2C4RC1S77MR	05185117AJ
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB	2C4RC1S77MR	2C4RC1S77MR	68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD	2C4RC1S77MR		68471122AD
SGW	Security Gateway Module	CAN-C	68488429AB		2C4RC1S77MR	68488429AB
TBM2	Telematic Box Module 2	CAN-C	68546266AB	2C4RC1S77MR	2C4RC1S77MR	68546266AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	SERIAL NUMBER	CVNS
PCM	USA	1B 47	75 02 00	4422		
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
APM	USA / USA	11 32 00	11 32 00	4001
BPCM		0E 03 00	14 2C 00	4005
HCP	USA	11 1F 04	0F 2D 00	4006
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
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
ABSO	USA	0E 15 02	14 1B 26	4201
SGW		5	969	4103
TBM2	USA	13 0E 02	14 2A 5C	4104

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
HCP	P0A43-00	Drive Motor "A" Position Sensor Circuit Intermittent-	Stored

ENVIRONMENTAL DATA SUMMARY

[HCP](#) | [P0A43-00](#) | [Stored](#) | [Drive Motor "A" Position Sensor Circuit Intermittent-](#)

NAME	VALUE	UNITS
DTC	0A 43 00	
Test Failed	False	
Test Failed This Operation Cycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Original Odometer Value	41586.9	miles
Most Recent Odometer Value	41586.9	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Real time clock	55395968	sec
RAM stamps keyOn	405	sec
RAM Stamps	295849	Min
Accelerator Pedal Position	0	%
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Engine Speed	0	rpm
HV Battery SOC	76	%
Ignition State	Reserved	
PRND Position Display	D	
Propulsion System Active	False	
Vehicle Speed	80.2540	MPH
Motor A Temp Sensor	115	°F
Motor B Temp Sensor	111	°F
Barometric Pressure	15	PSI
Engine Coolant Temperature	81	°F
Motor A Resolver Offset Learn Erase	not requested	
Motor A Resolver Offset Learning Status Flag	Applied	
Motor B Resolver Offset Learning Status Flag	Applied	
Motor A Resolver Angle Offset	-0.80	Degree
Motor B Resolver Angle Offset	3.20	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	No fault	
Motor B Resolver to Digital Low Level Driver Faults	No fault	
Battery Feed Voltage 2 Sense	14.544	Volts
Internal EPS Voltage Sense A	8.136	Volts
Internal EPS Voltage Sense B	8.136	Volts
Actual Torque - Motor A	0.000	Ft-Lbs

Actual Torque - Motor B	6.361	Ft-Lbs
Available Motor Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor B	81.213	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor B	-81.213	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Electric Motor A Speed	-10836.5	rpm
Electric Motor B Speed	8794.0	rpm
Battery Feed Voltage 1 Sense	14.472	Volts
Battery Feed Voltage 3 Sense	14.328	Volts
Hybrid System State	Determine Hybrid System State	
Motor A - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase B	-4	AMP
Motor A - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase A	-12	AMP
Motor B - Inverter Current - phase B	4	AMP
Motor B - Inverter Current - phase C	4	AMP
Outside Air Temperature	80.6	°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	366.10	Volts
PIM DC Link Voltage - A	366	Volts
PIM DC Link Voltage - B	366	Volts
Inverter A IGBT Temperature for phase A	90	°F
Inverter A IGBT Temperature for phase B	90	°F
Inverter A IGBT Temperature for phase C	90	°F
Inverter B IGBT Temperature for phase A	88	°F
Inverter B IGBT Temperature for phase B	86	°F
Inverter B IGBT Temperature for phase C	88	°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	6.361	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	2022	Year
GPS Date - Month	9	

GPS Date - Day	2	Days
UTC Time - Hours	16	Hours
UTC Time - Minutes	21	
UTC Time - Seconds	1	seconds
ECU Time - Milliseconds	850	ms

SNAPSHOT DATA SUMMARY

No Snapshot Data available for P0A43-00



993
45319
ENGARD, LINDSEY A
JEEP WRAN
4HJXDG4JW119961

037
37
Pay Type: CASH
Service Advisor: 5714

SO
P
Misc
Quo
Ba

—Sell Parts—
—|Price|—|Local Locate|—
DESC—BIN—O.H.—O.O.—LIST—
PUMP—VACU NS 0 0 117.0

Desc: General Concern #1 [Cus
r, move to another field, or pre
F4=Cancel F6=Sell Quote F

