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CONFIGURATION REPORT

Vehicle 2020 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
VIN [redacted]

Odometer 4467.0 miles
Publication Date Aug 18, 2021, 2:32:32 PM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
PCM	Powertrain Control Module	CAN-C	68444229AE	[redacted]		68444229AE
ICS	Integrated Center Stack	CAN-I	6UX601X8AA			6UX601X8AA
RFH	Radio Frequency Hub	CAN-C	68453559AB			68453559AB
ESM	Electronic Shifter	CAN-C	68240089AM			68240089AM
ORC	Occupant Restraint	CAN-C	68453076AD			68453076AD
EPS	Electric Power Steering	CAN-C	68460392AA			68460392AA
ANC	Active Noise Cancelation	CAN-I	68440556AB			68440556AB
HVAC	Heat, Ventilation and A/C	CAN-I	68447893AC			68447893AC
DDM	Driver Door Module	CAN-I	68424451AC			68424451AC
PDM	Passenger Door Module	CAN-I	68424450AC			68424450AC
DMRL	Door Module Rear Left	CAN-I	68225096AG			68225096AG
DMRR	Door Module Rear Right	CAN-I	68225096AG			68225096AG
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AD			68369596AD
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AD			68369596AD
PLGM	Power Liftgate	CAN-I	68316094AF			68316094AF
CSWM	Comfort Seat Wheel Module	CAN-I	68434910AC			68434910AC
IPC	Instrument Panel Cluster	CAN-C	68434956AD			68434956AD
PTS	Parktronics	CAN-C	68193772AJ			68193772AJ
SCCM	Steering Column Control Module	CAN-C	68360889AD			68360889AD
BCM	Body Controller	CAN-C	68424601AF			68424601AF
RADIO	Radio	CAN-I	68461768AD			68461768AD

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
APM	Accessory Power Module	CAN-C	05185046AB		05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193166AF		05193166AF
HCP	Hybrid Control Processor	CAN-C	05190289AC		05190289AC
OBCM	On Board Charging Module	CAN-C	05185047AE		05185047AE
DSM	Display Screen Module	CAN-I	68316175AC		68316175AC
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30PD2AA		6WL30PD2AA
EAC	Electric A/C Compressor	CAN-C	68237995AG		68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05190290AC		05190290AC
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB		68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD		68471122AD
SGW	Security Gateway Module	CAN-C	68447193AB		68447193AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
PCM	USA	1B 47	46 03 01	4419	DFF8E724
ICS	USA	0F 0C 00	12 25 00	4400	
RFH	USA / USA	10 17 00	13 09 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	
ANC	USA	0F 05 01	12 2C 01	4210	
HVAC	USA	0E 09 00	13 05 01	4401	
DDM	USA	11 07 00	13 0B 00	4202	
PDM	USA	11 07 00	13 0B 00	4202	
DMRL	USA / USA	10 0B 00	12 0C 00	4201	
DMRR	USA / USA	10 0B 00	12 0C 00	4201	
PSDML	USA / USA	10 17 00	14 10 12	4001	
PSDMR	USA / USA	10 17 00	14 10 12	4001	
PLGM	USA	17 19 00	18 22 00	4202	
CSWM	USA	11 2A 00	13 2C 00	4302	
IPC	USA / USA	12 06 00	14 0B 00	4704	

PTS	USA	0E 32 00	12 1F 00	4311	
SCCM	USA	13 28 00	13 29 00	4301	
BCM	USA	0D 11 00	14 1B 90	4415	
RADIO	USA	13 31 14	13 31 14	8205	
OCM	USA / USA	11 1F 01	0E 2F 02	4030	
HVACR	USA	0E 09 00	10 03 02	4301	
LBSS	USA / USA	11 30 02	12 0D 00	4202	
RBSS	USA / USA	11 30 02	12 0D 00	4202	
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM	Not programmed / COUNTRY_SNA	0E 03 00	14 17 00	4005	D721612D
HCP	USA	11 1F 04	13 30 01	4005	92BCF62B 04D8393A 050DC953
OBCM	USA	0F 0D 00	12 02 00	4002	
DSM	USA / USA	13 29 00	12 23 00	4000	
RCCC	USA	0F 1D 00	13 04 00	4000	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1F 04	13 30 01	4000	
EBBM	USA	0E 19 02	14 0D 18	4000	E5898FA5
ABSO	USA	0E 15 02	14 1B 26	4201	4F158D1B
SGW		5	779	4103	

CONFIGURATION

PCM CONFIGURATION

NAME	VALUE	UNITS
Secondary Mass Airflow Sensor Equipped	False	
Active Exhaust Pressure Sensor Equipped	False	
Electronic Parking Brake Equipped	True	
Active Exhaust Valve(s) Equipped	False	
High Side Port Tumble Valve Equipped	False	
Aux Coolant Pump Heater Equipped	False	
Heater Temp Control Valve Equipped	False	
Mechanical Coolant Pump Equipped	False	
Wastegate HBridge Equipped	False	
Remote Start Present	Present	
2.0 Liter I4 Direct Injection Engine	False	
Coolant On-Off Pump Equipped	Not Equipped	
1.0 Liter I3 Engine	False	
Primary Lin Alternator Equipped	Not Equipped	
Variable Valve Lift Equipped	Not Equipped	
Dual Fuel Tank Equipped	False	
Auxillary Coolant Pump Equipped	False	
Cooled EGR Equipped	False	
Dual Alternator Gen1 Capable	False	
A/C Relay Powered from Engine Switched Battery	False	

Supercharger Equipped	False	
Low Temp Radiator Coolant Pump Equipped	False	
PTO System Equipped	False	
CNG Large Gas Tank Equipped	False	
HPT 6-Speed Trans Equipped	False	
Hybrid MEC Shifter Equipped	False	
Engine Idle Shutoff Equipped	False	
ZF 9-Speed Trans Equipped	False	
MDS Equipped	False	
Variable Speed Fuel Pump Equipped	True	
ERS Equipped Indicator	False	
O2 Sensor Bank 1 Sensor 1 Equipped	True	
GPEC2 Equipped	False	
ESIM Equipped	False	
Intake Cam 2 Equipped	True	
Engine Stop Start Equipped	False	
Trans Skip Shift Equipped	False	
VFS Actuators Available Indicator	False	
Transmission Oil Heater Equipped	False	
Secondary Air Equipped	False	
3.5 Liter V6 Engine	False	
O2 Sensor Bank 2 Sensor 2 Equipped	True	
PWM Fan Motor System Equipped	True	
1 Speed Fan Mechanical Relay System Equipped	False	
Vehicle Speed Sensor #1 Calculated from CAN	False	
4.0 Liter I6 Engine	False	
6.1 Liter V8 Engine	False	
Active Engine Mount Equipped	False	
Primary Lin Alternator Equipped	False	
Auxiliary Heater Electric Water Pump Equipped	False	
Sensorless FFV Enabled	False	
Throttle Inlet Temp Sensor Equipped	False	
Electronic Automatic Transmission (EATX) Equipped	False	
WI4 Intake Flow Control Valve Equipped	False	
Wide Range O2 Sensor 1/1 Equipped	False	
2.7 Liter V6 Engine	False	
GPEC2A Equipped	True	
Auxiliary Coolant Pump Heater Equipped	Undefined	
Active Grille Shutter Equipped	True	
Cooled EGR Equipped	False	
GPEC4 Equipped	False	
Unleaded diesel fuel	False	
PTO System Equipped	False	
Supercharger Equipped	False	

WI4 Variable Valve Timing Equipped	True	
Oil Pressure Sensor Enabled	True	
Low Temperature Radiator Coolant Pump Equipped	False	
High Side Port Tumble Valve Equipped	Undefined	
Fiat VIN Learning Strategy Equipped	False	
ICC Cruise Equipped	False	
Starter Relay 2 Equipped	False	
ZF 9-Speed Transmission Equipped	False	
Next Gen Bus Equipped	False	
Humidity, Temperature and Pressure Sensor (LIN) Equipped	False	
3.0 Liter V6 Engine	False	
3.6 Liter V6 Engine	True	
Mechanical Coolant Pump Heater Equipped	False	
Active Exhaust Pressure Sensor Equipped	False	
VMM Equipped	False	
Dual Fuel Pressure Sensor Equipped	False	
Air Shutoff Valve Bank 1 Control Solenoid 2 Equipped	False	
Exhaust Cam 1 Equipped	True	
Trans Reverse Lockout Equipped	False	
Fan Wake Up Relay System Equipped	False	
66RFE / 68RFE	False	
Wastegate H-Bridge Equipped	Undefined	
Brake Pedal Sensor Equipped	False	
Viscosity Sensor Equipped	False	
Coolant On-Off Pump Equipped	False	
AC Equipped	False	
6.4 Liter V8 Engine	False	
Secondary Fuel Pump Equipped	False	
3.7 Liter V6 Engine	False	
Linear PWM Fan Relay System Equipped	False	
CMCV H-Bridge Equipped	Undefined	
Operator Idle Speed Request Equipped	False	
Tumble Generator Valve Equipped	False	
Electric Thermostat Heater Equipped	False	
CUSW PROXI Write Programming Support Enabled	False	
Electronic Throttle Control Equipped	True	
VLP Is Learnable Indicator	False	
AC Equipped Over Bus	False	
2.0 Liter WI4 engine	False	
1.0 Liter I3 Engine	False	
Electric Coolant Valve Equipped	False	
Engine Software In Package	True	
Adaptive Cruise Control Hardware Equipped	False	
Duty Cycle Purge Valve Equipped	True	

GPEC3 Equipped	False	
Air Shutoff Valve Bank 1 Control Solenoid 1 Equipped	False	
40TE / 41TE / 41TEA	False	
45RFE / 545RFE / 65RFE	False	
Coolant On-Off Valve Equipped	False	
Turbocharger Equipped	False	
EMAT (Getrag DCT transmission) Equipped	False	
Adaptive Cruise Control Equipped	False	
Dual Stage Oil Pump Equipped	True	
2.4 Liter WI4 engine	False	
Power Steering Switch Equipped	False	
O2 Sensor Bank 2 Sensor 1 Equipped	True	
Police Package Equipped	False	
3 Speed Fan Mechanical Relay System Equipped	False	
Engine Idle Shutoff Equipped	False	
Fixed displacement AC Equipped	True	
Clutch Interlock Switch Equipped	False	
Intake Cam 1 Equipped	True	
3.8 Liter V6 Engine	False	
Electronic Coolant Pump Equipped	False	
TIP Equipped	False	
Aisin 6-Speed RWD Transmission Equipped	False	
4 Speed Automatic Transmission Equipped	False	
Variable Displacement AC Equipped	False	
Active Exhaust Valve Equipped	False	
Exhaust Cam 2 Equipped	True	
Turbine Volute Valve Actuator Equipped	Undefined	
TOOLCONFIG_OIL_PRESS_ABS_EQUIPPED	True	
Buffered Crank Output for PHEV Engine Pulse Calculation Equipped	True	
Constant Heater Temperature Control Valve Equipped	False	
Continuous Variable Transmission Equipped	False	
3.3 Liter V6 Engine	False	
Brushless PWM Fan Equipped	NOT_FAN_PWM_BOSCH_BRUSHLESS_CNFG	
Electric Water Pump Equipped	False	
1.8 Liter WI4 engine	False	
4.7 Liter V8 Engine	False	
Compressed Natural Gas Equipped	False	
3.2 Liter V6 Engine	False	
Vehicle Speed Sensor #1 Calculated by ECU	False	
SRV Equipped	False	
62TE	False	
Battery Temp Sensor Equipped	False	
HPT 6-Speed Transmission Equipped	False	
DUAL_ALTERNATOR_GEN1_LEARNEDCOPY	False	

CUSW (29-Bit) Equipped	False	
Inrush Current Reduction Relay Equipped	False	
Dual Speed Fuel Pump Equipped	False	
CUSW (11-Bit) Equipped	False	
Shift Indicator Lamp Equipped	False	
VLP Equipped Indicator	False	
2 Speed Fan PWM Relay System Equipped	False	
4 Button Integrated Cruise Control	False	
Direct Injection Equipped	False	
Electronic Vacuum Pump Equipped	False	
Air Shutoff Valve Bank 2 Control Solenoid 2 Equipped	False	
Hybrid Electric Vehicle Equipped	True	
6.2 Liter V8 Engine	False	
5.7 Liter V8 Engine	False	
Wide Range O2 Sensor 2/1 Equipped	False	
Cummins Equipped	False	
Fiat 940 Compact Equipped	False	
A/C Equipped	False	
Knock Sensor 1 Equipped	True	
Yaw Rate Sensor ESC Equipped	False	
Unleaded Gasoline Fuel	True	
Port Flap Valve Equipped	False	
Barometric Sensor Equipped	False	
Auxiliary Coolant Pump Equipped	False	
O2 Sensor Bank 1 Sensor 2 Equipped	True	
42RLE	False	
MTV Solenoid Equipped	False	
Rear Heater Equipped	False	
Transmission Software Included	False	
O2 Sensor Bank 1 Sensor 3 Equipped	False	
ETC Cruise equipped	False	
Dual Fuel Tank Equipped	False	
2 Speed Fan 3 Driver 3 Relay System Equipped	False	
MultiAir Equipped	False	
Linear EGR Equipped	False	
Powernet Equipped	True	
Linear Purge Equipped	False	
Buffered Crank Output for ANC (Active Noise Cancellation) Equipped	True	
2 Speed Fan Mechanical Relay System Equipped	False	
Knock Sensor 2 Equipped	True	
Engine Oil Heater Cooler Equipped	True	
Bi-Directional Crank Sensor Equipped	True	
Dual Fuel Pressure Sensor Equipped	False	
CUSW 4-Button Cruise Equipped	False	

Make Up Air Sensor Equipped	False	
Cylinder Pressure Sensor Equipped	False	
Throttle Inlet Temp Sensor Equipped	False	
5 Button Cruise (LIN) Equipped	True	
Brake Pedal Sensor Equipped	False	
Power Steering Angle Sensor Mandatory	False	
INTAKE O2 SENSOR EQUIPPED	False	
LIN Humidity, Temp, and Pressure Sensor Equipped	False	
Operator Idle Speed Request Equipped	False	
SWAP HARDWIRED BRAKE SWITCH INPUTS	False	
Clutch Sensor Equipped	False	
Mass Airflow System Equipped	False	
Engine Oil Pressure Sensor Type	255	None

ICS CONFIGURATION

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

RFH CONFIGURATION

NAME	VALUE	UNITS
Hardware Configuration: Trunk Door Handle H/W	Simple Switch AP	
Hardware Configuration: Remote Start Antenna	Present	
Hardware Configuration: Front Right Door Handle H/W	Serial AP	
Hardware Configuration: Front Left Door Handle H/W	Serial AP	
Hardware Configuration: Rear Right Door Handle H/W	No AP	
Hardware Configuration: Rear Left Door Handle H/W	No AP	
Valid Key In Ignition	Yes	
Fob Location #3 Successfully Programmed	No	
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 NOT 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 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	False	
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	False	
Dynamic Steering Torque Feature Active	True	
Lane Feedback Feature Active	False	

ANC CONFIGURATION

NAME	VALUE	UNITS
Premuim - 2 (12 Channel)	False	
Premuim - 1 (8 channel)	False	
Premium - 3 (SRT8)	True	
Door Module - Left Rear	Present	
NetCFG Stat AT, I, PT	Request Data	
Door Module - Right Front	Present	
Door Module - Right Rear	Present	
Door Module - Left Front	Present	
Current ANC Calibration ID - Service	Harman ANC Module 3.6L	
ANC Calibration Date - Year	18	
ANC Calibration Date - Patch	4	
ANC Calibration Date - Week	45	
Left/Right Hand Drive	SNA / Not Programmed	
ANC Status	Off - Door Mute	

HVAC CONFIGURATION

NAME	VALUE	UNITS
HVAC Configuration	Dual Zone ATC + Rear	
Dual Zone MTC Control (BB)	False	
MTC With EBL (3Knob)	False	
MTC heater only (3Knob)	False	
Single Zone MTC Control (BB)	False	

MTC Without EBL (3Knob)	False	
DualZone ATC Control (Factory) (BB)	False	
DualZone ATC Control (BB)	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	

CSWM CONFIGURATION

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

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	False	
Rear System with 6 Front Sensors	False	

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	Service	
ECU Configuration 10	4	
Vehicle Config CSM1	4	
ECU Configuration 11	4	
ECU Configuration 6 (Brake)	4	
ECU Configuration 5 (Wireless)	4	
Programmed ECUs: P/T Chassis Network	4	
ECU Configuration 15 (Suspension)	4	
Programmed ECUs: Hybrid LAN Network	0	
ECU Configuration 8 (LIN and Miscellaneous)	4	
ECU Configuration 9A	4	
Vehicle Configuration 2 - Write Counter	4	
Vehicle Configuration 7 - Write Counter	4	
ECU Configuration 6 (Safety)	4	
ECU Configuration 2 (CBC Features)	4	
Vehicle Configuration 5 - Write Counter	4	
Programmed ECUs: Cabin Network	4	
Vehicle Configuration Auto Write Counter	1	
ECU Configuration 3	4	
ECU Configuration 7 (CBC Exterior Lighting Calibrations)	4	
ECU Configuration 12	4	
ECU Configuration 9 (ITM)	4	
ECU Configuration 1 (CBC Configurable Inputs and Outputs)	4	
ECU Configuration 14	4	
Vehicle Configuration 6 - Write Counter	4	
ECU Configuration 13	4	
ECU Configuration 5 (Memory)	4	
Vehicle Config CSM2	4	
ECU Configuration 15 (CBC Features)	4	
Programmed Network Configuration - Audio / Telematics Network	0	
Vehicle Configuration 4 - Write Counter	4	
ECU Configuration 6 (Powertrain)	4	
ECU Configuration 6 (Suspension)	4	
ECU Configuration 5 (Doors)	4	
ECU Configuration 4	4	

Vehicle Configuration 3 - Write Counter	4	
Last Configuration Odometer	4464	miles
Vehicle Configuration 1 - Write Counter	4	
Emode Present	Not Set	
PTS Configuration	Rear / REAR	
Model Year	2020	
Vehicle Line	RU	
Hill Descent Feature Present	Not Set	
Body Style	Station Wagon	
Shifter Type	5 Position Rotary Eshifter PRNDL / Type RS5L	
Auto Highbeam	Not Set	
Drive Configuration	2WD Front	
Country Code	USA	
Special Packages	74	
Remote Start Present	Set	
Select Speed Control Feature Present	Not Set	
Left/Right Hand Drive	Left Hand Drive	
Performance Pages Present	Not Present	
Maximum Vehicle Speed	0	MPH
Max Load Inflation Pressure Rear Tire	36.0	PSI
Special Packages IC	Pacifica	
Power Inverter Type	No Power Inverter	
Cruise Feature is Present	Set	
Max Load Inflation Pressure Front Tire	36.0	PSI
Off Road Capable	Not Set	
Air Conditioning Present	Not Set	
Rain Sensor Present	Not Set	
Flipper Glass Present	Not Set	
SKIM System Present	Not Set	
Full Size Spare	Not Set	
Thatcham Present	Not Set	
Display Outside Temperature Present	Set	
Keyless Go Present	Set	
Vehicle is an SRT	Not Set	
Two Fuel Sending Units Present	Not Set	
Display Compass Heading Present	Set	
Wheel Base	Wheel base not programmed / WB_NP	
Auto Headlamp Feature Present	Set	
Premium TPM system present	Set	
Police Lighting Feature	Not Set	
Window Express Feature Configuration	Front windows express only	
Vehicle Brand	Chrysler	
Auto Park Present	Set	

T-Case Type	Not Present / Not Present	
Adjustable Pedal Feature Present (non-Memory)	Not Set	
Forward Collision Warning present	Not Set	
Paddle Shift Feature Present	Not Set	
Power Right Sliding Door Present	Set	
Disable Display of Radio Clock	Not Set	
FOBIK Safe Enable	Set	
Chassis Type	Type 9	
Fuel Capacity	17	gallons
ELV Present	Not Set	
Door Alert Feature Present	Not Set	
Passive Entry Present	Set	
RKE System Present	Set	
Secondary Lock Present	Not Set	
HVAC Configuration	Dual Zone ATC + Rear	
Sport Mode Present	Not Set	
ESCL system present	Not Set	
High Intensity Discharge Head Lamps	Not Set	
Collision Mitigation System present	Not Set	
Power Left Sliding Door Present	Set	
Liftgate/Trunk Type	Power Liftgate	
Base TPM system present	Not Set	
Transfer Case High Ratio	1.000	No Unit
Transfer Case Low Range Reduction Ratio	0.000	
Dynamic Tire Circumference (All or Rear)	89	inch
Axle Ratio	3.251	
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 E Pin 29: Rear Wiper Motor Park Signal Present	Set	
Connector D Pin 11: Stop/Turn Trailer Tow Left Output Present	Not Set	
Connector E Pin 9: Run-ACC Y Relay #2 Output Present	Set	
Connector G Pin 9: Ambient Light Dimmer Wheel Input Present	Set	
Connector E Pin 5: PHEV Fuel Door Switch Input	Set	
Connector G Pin 24 (Internally tied to Connector F Pin 7): Ambient Lighting Output	Not Set	
Connector F Pin 6: Fuel Door Motor Output Signal Present	Set	
Connector D Pin 15: Left Dedicated DRL Lamps Output Present	Set	
Connector A Pin 11: Hood Ajar Switch Input Present	Set	
Connector E Pin 4/Connector F Pin 32: Rear Park Lamps Output 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 7: Left HID Relay Control Output Present	Not Set	
Connector D Pin 10: Trailer Tow Tail Lamp Output Present	Not Set	
Connector G Pin 15: UGDO Feed Output Present	Set	

Connector F Pin 29: Horn Switch Present	Set	
Connector A Pin 1 and Connector D Pin 13: Front Fog 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 G Pin 22: VTA Warning LED Output Present	Set	
Connector F Pin 9: Analog Door Ajar Signal Front Driver Present	Set	
Connector E Pin 11: Vacuum Switch Input	Not Set	
Connector A Pin 10/Connector D Pin 5: Side Markers Output Present	Set	
Connector E Pin 42: Charge Port Lock Output Present	Set	
Connector E Pin 41: Charge Port Unlock Output Present	Set	
Connector A Pin 22: Right Dedicated DRL Lamp 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 D Pin 12: PHEV ECM Hardwire Wake Up Output Present	Set	
Connector F Pin 23: Door Lock Switch Signal Front Passenger Present	Set	
Connector D Pin 7: Stop/Turn Trailer Tow Right Output Present	Not Set	
Connector D Pin 22/ Connector D Pin 23: Ambient Temperature Signal/Return Present	Set	
Connector D Pin 9: Trailer Tow Backup Output Present	Not Set	
Connector E Pin 39/Connector F Pin 5: Rear Fog Lamps Output Present	Not Set	
Connector F Pin 4: Liftgate Release Present	Not Set	
Connectro E Pin 37: Right HID Control Output Present	Not Set	
Connector F Pin 35: Inverter Enable Relay Output Present	Not Set	
LED Rear Turn Lamps Present	Not Set	
Front Wiper Wipes After Wash	2 Wipes	
Fuel Door Release Enabled	Not Present	
Quad Headlamps Enable	Set	
Reversible Washer Pump Enable	Set	
DRL Dropout Enable	Set	
Park Lamp Loadshed Enable	Set	
LED Stop Lamps Present	Not Set	
Headlamp Washer Low Fluid Shut-Off Enable	Set	
Hazard Lamp Configuration	Latching Switch	
LED Tail Lamps Present	Set	
Bi Xenon Headlamps Enable	Not Set	
Front Fog Lamp Dropout Enable	Set	
LED Low Beam Lamps Present	Not Set	
Headlamp Wash Interval	wash cycle#11	
LED Dedicated DRL Present	Set	
Wiper Service Position Enabled	Not Set	
Illuminated approach Enabled	Not Set	
Front Wiper Park Enable	Set	
LED License Lamps Present	Set	
Horn Chirp Allowed	Set	

Fuel Door Present	Not Set	
Combined Front Park/Turn Feature Enable	Not Set	
DRL Configuration	No DRL	
DRL Lamp Location	Dedicated	
Rear Wiper Park Enable	Set	
Combined Rear Lighting Enable	Set	
LED Reverse Lamps Present	Not Set	
Intermittent Wiper States	4 Intermittent Wiper position Switch	
Headlamp Wash Shot	double	
LED Rear Fog Lamps Present	Not Set	
Trailer Tow Present	Not Set	
Tip Start Enabled	Set	
LED Front Turn Lamps Present	Not Set	
Side Repeaters Enable	Not Set	
LED Front Park/Marker Lamps Present	Set	
Headlamp Wash Spray Duration (at 100 ms intervals)	1100ms	
One Touch Lane Change	Set	
Tunnel Detection	Not Set	
Dual Start Relay System Present	Not Set	
Exterior Light Loadshed Enable	Set	
LED Front Fog Lamps Present	Not Set	
LED CHMSL Lamp Present	Set	
LED High Beam Lamps Present	Not Set	
Destination	United States of America	
Surround Sound Feature Present	Not Set	
Power Door Locks Present	Set	
Microphone Type	Peiker 300 mv	
Heated Steering Wheel Present	Set	
Power Inverter Present	Not Set	
Disable CD Eject	Not Set	
Cabin Equilization Curve Number	6 Speaker Base (RU)	
Antenna Type	Active Primary and no secondary antenna	
Splashscreen Type	Vehicle Brand	
Microphone Configuration	2 Microphones	
External Port Type	AUX + USB	
Microphone Tuning Parameter	Absent [Not Used]	
Front Park Assist Present	Set	
Front Heated Seats Present	Set	
Rear Camera Present	Set	
Fleet Vehicle Content	Not Set	
AP5 Trunk Lock	Simple Switch	
AP2 Right Front	Smart Switch	
Vehicle Variant	Undefined	
Tip Start Present	Set	

AP4 Right Rear	CAN	
Airport Scenario Trunk	Not Set	
AP1 Left Front	Smart Switch	
AP3 Left Rear	CAN	
AP5 Trunk Unlock	CAN	
Heated Mirrors Present	Set	
Blindspot Mirror Present	Set	
Frameless Window Present	Not Set	
Sun Shade	Not Set	
Global Up	Not Set	
Folding mirrors present	Not Set	
Electro-chromatic passenger mirror present	Not Set	
Window Motor Type	Not Set	
Global Down	Not Set	
Passenger Window Lockout	Not Set	
Tow Mirror Present	Not Set	
Passenger Memory Mirror Present	Not Set	
Rear Door Pre Short Drop	Not Set	
Electro-chromatic driver mirror present	Not Set	
Driver Memory Mirrors Present	Not Set	
Window Hall Sensors Present	Not Set	
Mirror turn signals present	Not Set	
Puddle Lamp Present	Not Set	
Heated Steering Wheel Present	Present	
Tilt/Telescope Steering Present	Not Set	
Memory Adjustable Pedals Present	Not Set	
Driver Memory Seat Present	Not Set	
Heated Seat Material Type	Perforated Leather	
Stow 'n Assist Present - Driver	Not Set	
Stow 'n Assist Present - Passenger	Not Set	
Rear Heated Seats Present	Not Present	
Front Vented Seats Present	Not Present	
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	
Connector F Pin 13: Left Sliding Door Switch Input (B-Pillar)	Left B-Pillar sliding Door Switch	
License Plate Lamp Disable	Not Set	
Connector G Pin 2: Fog Lamp Switch Input	Fog Lamp Switch	
Connector F Pin 34: Spare HSD	Not Present	
Connector F Pin 16: Passenger Door Lock Switch Input	Not Present	
Auto High Beam Module Location	None	
Engine Off Clear Time	180	Time

Connector F Pin 30: Fuel Door Lock (BUX)	Not Present	
Heatsoak Speed	15	Counter
Connector D Pin 8: Digital Spare Input #2	Not Present	
Ambient Stable Counter Limit	40	Counter
Max Engine Off Time	220	Time
Connector F Pin 29: Horn Switch Present	Horn Switch Input	
Connector F Pin 37: Vacuum Cleaner Power Saver Indicator	Not Present	
Connector E Pin 48 (Tied internally to Connector A Pin16): Rear Wiper Motor Control Output Present	Rear Wiper (0)	
Humidy Sensor Long Present	Set	
Connector E Pin 3: Left Rear Turn Signal	Left Rear Turn Signal	
Connector F Pin 14: Right Sliding Door Switch Input (B-Pillar)	Right B-Pillar Sliding Door Switch	
Connector G Pin11/Connector G Pin 12: Not Used	ERS	
Connector E Pin 28: Secondary Door Ajar Switch Present - PIN E-28	Set	
Manual Door Locks Present	Not Set	
Heatsoak Flush Time	105	Time
Rain Sensor Module #2 Present	Not Set	
CHMSL Lamp Output Disable	Not Set	
Conncetor F Pin 33: Fuel Door Unlock (BUX)	Not Present	
Connector E Pin 39: Right Rear Turn Signal	Right Rear Turn Signal	
Connector F Pin 15: Driver Door Lock Switch Input	Not Present	
Connector D Pin 4: Digital Spare Input #1	Not Present	
Heatsoak Set Time	15	Time
Steering Smoothing Factor	Filter Off	
Nose Dive Threshold	Filter Off	
Brake Smoothing Factor	Filter Off	
Average Last Longitudinal Acceleration Values	No Averaging	
Excess Lateral Acceleration Factor	Filter Off	
Brake Smoothing Duration	Filter Off	
Steering Smoothing Duration	Filter Off	
Maximum Lateral Change	Filter Off	
Acceleration Threshold	Filter Off	
Nose Dive Factor	Filter Off	
Excess Longitudinal Acceleration Factor	Filter Off	
Brake Smoothing Threshold	Filter Off	
Acceleration Factor	Filter Off	
Average Last Lateral Acceleration Values	No Averaging	
Steering Smoothing Threshold	Filter Off	
Maximum Longitudinal Change	Filter Off	
VTA Hood Ajar Monitoring	Not Set	
RKE Auto-Relock Feature Enable	Not Set	
PE Auto-Relock Feature Enable	Set	
Auto High Beam ON Threshold	25 km/hr	
Auto High Beam OFF Threshold	20 km/hr	
Interior Lighting Night Threshold	4.45147	Volt

Interior Lighting Day Threshold	4.27498	Volt
Headlamp Soak Delay	1.0 sec	
Horn Chirp Duration	Short	
Parking Light Enable	Not Set	
Smart Alternator Present	Not Set	
Temperature Display Resolution	HaLF	
TPMS Configuration	Logic 1 NHTSA Enable Warning	
Sunroof Present	Not Set	
ANC Calibration Parameter Data Set	Non Amplified 3.6L PHEV	
Radio Speaker Open Circuit Disable (RF)	Set	
Drive Mode Version	Version 1	
Auto Dimming Mirror Hard Button Present	Set	
Radio Speaker Open Circuit Disable (LF)	Set	
Radio Speaker Open Circuit Disable (LR)	Set	
Radio Speaker Open Circuit Disable (RR)	Set	
Automatic Crash Notification Feature Present	Undefined	
Show Phone Information in Cluster	01	
Surround View Camera On/Off Softkey Present	Not Set	
Park Assist Tuning Set	Sahara	
3rd Row Lock CSO	Not Set	
Siren	Not Set	
Ultrasonics	Not Set	
Tilt	Not Set	
ESC	Set	
HCP	Set	
AHCP	Set	
ESM	Set	
ORC	Set	
APM	Set	
ECM	Set	
BPCM	Set	
OBCM	Set	
EAC	Set	
EBCM	Set	
CVPM	Not Set	
VRM	Not Set	
MSMP	Not Set	
AMP	Not Set	
HVAC	Set	
PDM	Set	
VTM	Not Set	
DDM	Set	
EOMR	Set	
EDM	Not Set	

ITM	Not Set	
DMRR	Set	
MSM	Not Set	
HVACR	Set	
EAM	Not Set	
ICS	Set	
DSM	Set	
PSDML	Set	
ANC	Set	
BCM (Interior Bus)	Set	
DTV	Not Set	
FSM	Not Set	
DMRL	Set	
PLGM	Set	
HSM	Set	
PSDMR	Set	
Radio	Set	
Compass Mounting Angle	0	Degree
IBS Present	Set	
Auto Relock Time	60	seconds
Fobik Safe Alerts Per Ignition Cycle	2	
Illuminated Approach Headlamp Target Percentage	125 (62.5%)	
Humidity Sensor Present	Set	
Illuminated Approach Taillamp Target Percentage	125 (62.5%)	
Illuminated Approach Interior Lighting Ramp Up Time	130(2600ms)	
Alert no Reply	Set	
Alert On Search Timeout	Set	
Alert On System Fault	Set	
Illuminated Approach Interior Lighting Target Percentage	100(50%)	
OHC Module Present	Set	
Washer Fluid Level Voltage Threshold	4.46 volts	
EVIC SWS Module Present	Set	
CRVMM Present	Set	
HFRM Present	Not Set	
VTA System Present	VTA	
Panic Enable	Set	
Compass Mounting Orientation	Rightside up	
Connector F Pin 41: Backup-Reverse lamp Left	Set	
Connector E Pin 7: Left HID Relay Control	Left HID Lamp Relay	
Connector D Pin 12: PHEV ECM Hardwire Wake Up	Engine Control Module Wake up (PHEV only)	
Connector D Pin 11: Stop/Turn Trailer Tow Left Output Present	Reserved	
Connector A Pin 11: Hood Ajar Switch Signal	500 ohm series and 500 ohm parallel resistors	
Connector D Pin 21: Brake Fluid Level Switch	no parallel resistor	

Connector E Pin 1: Backup-Reverse lamp Right	Set	
Connector E Pin 37: Right HID Relay Control	Right HID Lamp Relay	
Connector F Pin 5: Left Rear Fog Lamp	Output Disable	
Connector E Pin 3: Left Rear Turn Signal	Left Rear Turn Signal	
Connector F Pin 31: Right Sliding Door Ajar	Right Sliding Door Ajar	
Connector F Pin 28: Right Rear Turn Lamp Fault Sense	Disable	
Connector F Pin 4: Liftgate Release	Trunk/Liftgate Release	
Connector F Pin 42: Right Rear Turn Signal	Right Rear Turn Signal	
Connector F Pin 25: Left Rear Turn Lamp Fault Sense	Disable	
Stop/Start Enable Switch Present	Not Set	
Connector A Pin 2: Right High Beam Feed	Right High Beam (0)	
Connector D Pin 1: Left High Beam Feed	Left High Beam (0)	
Connector F Pin 27: Left Sliding Door Ajar	Left Sliding Door Ajar	
Connector E Pin 5: E-5 PHEV Fuel Door Switch Input	PHEV Fuel Door Switch	
Connector E Pin 39: Right Rear Fog Lamp	Output Disable	
Connector E Pin 29: Rear Wiper Motor Park Signal	Reserved	
Connector F Pin 29: Horn Switch Input	Horn Switch Input	
Passive Ped Pro Present	False	
Tow Hooks Present	False	
1st Row Seat Side Airbags Present	True	
Passenger Kneebag Present	True	
BUX Market	False	
ODS Present	False	
Curtain Airbags Present	True	
Driver Kneebag Present	True	
Integrated EPP Present	False	
IPC	Set	
ESM	Set	
ORC	Set	
BCM (PT)	Set	
SCCM	Set	
ACC	Not Set	
PCM	Set	
PTS	Set	
EPS	Set	
RFH	Set	
AHLM	Not Set	
ESL	Not Set	
FFCM	Not Set	
ABSO	Set	
OCM	Set	
ABS	Not Set	
TCM	Not Set	
HCP	Set	

Accessory Delay Time	45	seconds
Sliding Door Chime Enable	Set	
Sliding Door Alert	Not Set	
Auto Unlock	Set	
Headlamps on with Wipers	Set	
Flash Lamps on Lock	Set	
Daytime Running Lamps	Set	
Auto Wipers	Not Set	
Sound Horn On Lock Status	Chirp on 1st press/FIRST	
Hands Free Sliding Door Enable	Set	
Sound Horn on Remote Start	Set	
Auto Lock	Set	
Unlock all doors on 1st press	Set	
Sound Horn on Lock	Set	
Illuminated Approach Time	30	seconds
Headlamp Delay Time	30	seconds
Auto Highbeam	Not Set	
IBS Quiescence Current Limit	-250	mA
IBS Minimal Charge Limit	10	AmpHrs
IBS Minimum Voltage Limit	5.0	Volts
Battery Type II	255	
Battery Types	SNA	
IBS Activate MWU	Not Set	
IBS Minimum Charge Limit	600	mA
Front Park/Turn Voltage	Park to Turn ratio 55 Percent	
Left Front Corner Voltage	13.2 Volts	
Left Low Beam Voltage Regulation	13.6 Volts	
Right High Beam Voltage Regulation	13.8 Volts	
Left Rear Corner Voltage	14 Volts	
Left High Beam Voltage Regulation	13.6 Volts	
Right Rear Corner Voltage	14 Volts	
Right Low Beam Voltage Regulation	14 Volts	
Auto Headlamp On Threshold	3.31409	Volt
Auto Headlamp Off Threshold	2.54930	Volt
Right Front Corner Voltage	13.4 Volts	
Rear View Camera Static Grid Lines Enabled	Not Set	
Rear View Camera Dynamic Grid Lines Enabled	Set	

RADIO CONFIGURATION

NAME	VALUE	UNITS
Compass on the bus messaging Authorization	Allowed	
GPS on the Bus messaging Authorization	Allowed	
Satellite Subscription Suspend Day	01	
Satellite Subscription Reason Code	00	

Satellite Subscription Suspend Year	46	
Satellite Subscription Suspend Month	01	
Satellite Subscription Status	Subscribed	
Satellite Subscription ID	5EPLKDHW	
Aux Jack	Not Inserted	
USB Hubs Detected	1	No Unit
SD Card Readers Detected	0	No Unit
Enumerated USB Devices	0	No Unit
DTV Short Term Configuration	—	
911 Button	On	
SDARS	True	
Internal CD Player	False	
Application Framework	True	
Bluetooth	True	
Navigation Active	True	
FM Diversity	False	
Cellular	True	
Wi-Fi	True	
Splash Screen	Chrysler	
Anti-Theft Enable Status	On	
Automated Loudness	On	
Front Seat Video Playback	Enabled	
Clock Defeat	Off	
Cabin EQ Curve Number Currently Used by Radio	00	
12/24 Time Selection	12 Hour Time	

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	

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 9	
Axle Ratio	3.251	No Unit
Hardwired VSO	True	
ACC	True	
Multiple Pressure Sensors	True	
Rear Directional Sensors	True	
Feature PIN	False	
Front Directional Sensors	False	
EPB	True	



CONFIGURATION REPORT

Vehicle 2020 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
VIN [redacted]

Odometer 4467.0 miles
Publication Date Aug 18, 2021, 2:32:32 PM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
PCM	Powertrain Control Module	CAN-C	68444229AE	[redacted]		68444229AE
ICS	Integrated Center Stack	CAN-I	6UX601X8AA			6UX601X8AA
RFH	Radio Frequency Hub	CAN-C	68453559AB			68453559AB
ESM	Electronic Shifter	CAN-C	68240089AM			68240089AM
ORC	Occupant Restraint	CAN-C	68453076AD			68453076AD
EPS	Electric Power Steering	CAN-C	68460392AA			68460392AA
ANC	Active Noise Cancelation	CAN-I	68440556AB			68440556AB
HVAC	Heat, Ventilation and A/C	CAN-I	68447893AC			68447893AC
DDM	Driver Door Module	CAN-I	68424451AC			68424451AC
PDM	Passenger Door Module	CAN-I	68424450AC			68424450AC
DMRL	Door Module Rear Left	CAN-I	68225096AG			68225096AG
DMRR	Door Module Rear Right	CAN-I	68225096AG			68225096AG
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AD			68369596AD
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AD			68369596AD
PLGM	Power Liftgate	CAN-I	68316094AF			68316094AF
CSWM	Comfort Seat Wheel Module	CAN-I	68434910AC			68434910AC
IPC	Instrument Panel Cluster	CAN-C	68434956AD			68434956AD
PTS	Parktronics	CAN-C	68193772AJ			68193772AJ
SCCM	Steering Column Control Module	CAN-C	68360889AD			68360889AD
BCM	Body Controller	CAN-C	68424601AF			68424601AF
RADIO	Radio	CAN-I	68461768AD			68461768AD

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
APM	Accessory Power Module	CAN-C	05185046AB		05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193166AF		05193166AF
HCP	Hybrid Control Processor	CAN-C	05190289AC		05190289AC
OBCM	On Board Charging Module	CAN-C	05185047AE		05185047AE
DSM	Display Screen Module	CAN-I	68316175AC		68316175AC
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30PD2AA		6WL30PD2AA
EAC	Electric A/C Compressor	CAN-C	68237995AG		68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05190290AC		05190290AC
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB		68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD		68471122AD
SGW	Security Gateway Module	CAN-C	68447193AB		68447193AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
PCM	USA	1B 47	46 03 01	4419	DFF8E724
ICS	USA	0F 0C 00	12 25 00	4400	
RFH	USA / USA	10 17 00	13 09 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	
ANC	USA	0F 05 01	12 2C 01	4210	
HVAC	USA	0E 09 00	13 05 01	4401	
DDM	USA	11 07 00	13 0B 00	4202	
PDM	USA	11 07 00	13 0B 00	4202	
DMRL	USA / USA	10 0B 00	12 0C 00	4201	
DMRR	USA / USA	10 0B 00	12 0C 00	4201	
PSDML	USA / USA	10 17 00	14 10 12	4001	
PSDMR	USA / USA	10 17 00	14 10 12	4001	
PLGM	USA	17 19 00	18 22 00	4202	
CSWM	USA	11 2A 00	13 2C 00	4302	
IPC	USA / USA	12 06 00	14 0B 00	4704	

PTS	USA	0E 32 00	12 1F 00	4311	
SCCM	USA	13 28 00	13 29 00	4301	
BCM	USA	0D 11 00	14 1B 90	4415	
RADIO	USA	13 31 14	13 31 14	8205	
OCM	USA / USA	11 1F 01	0E 2F 02	4030	
HVACR	USA	0E 09 00	10 03 02	4301	
LBSS	USA / USA	11 30 02	12 0D 00	4202	
RBSS	USA / USA	11 30 02	12 0D 00	4202	
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM	Not programmed / COUNTRY_SNA	0E 03 00	14 17 00	4005	D721612D
HCP	USA	11 1F 04	13 30 01	4005	92BCF62B 04D8393A 050DC953
OBCM	USA	0F 0D 00	12 02 00	4002	
DSM	USA / USA	13 29 00	12 23 00	4000	
RCCC	USA	0F 1D 00	13 04 00	4000	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1F 04	13 30 01	4000	
EBBM	USA	0E 19 02	14 0D 18	4000	E5898FA5
ABSO	USA	0E 15 02	14 1B 26	4201	4F158D1B
SGW		5	779	4103	

CONFIGURATION

PCM CONFIGURATION

NAME	VALUE	UNITS
Secondary Mass Airflow Sensor Equipped	False	
Active Exhaust Pressure Sensor Equipped	False	
Electronic Parking Brake Equipped	True	
Active Exhaust Valve(s) Equipped	False	
High Side Port Tumble Valve Equipped	False	
Aux Coolant Pump Heater Equipped	False	
Heater Temp Control Valve Equipped	False	
Mechanical Coolant Pump Equipped	False	
Wastegate HBridge Equipped	False	
Remote Start Present	Present	
2.0 Liter I4 Direct Injection Engine	False	
Coolant On-Off Pump Equipped	Not Equipped	
1.0 Liter I3 Engine	False	
Primary Lin Alternator Equipped	Not Equipped	
Variable Valve Lift Equipped	Not Equipped	
Dual Fuel Tank Equipped	False	
Auxillary Coolant Pump Equipped	False	
Cooled EGR Equipped	False	
Dual Alternator Gen1 Capable	False	
A/C Relay Powered from Engine Switched Battery	False	

Supercharger Equipped	False	
Low Temp Radiator Coolant Pump Equipped	False	
PTO System Equipped	False	
CNG Large Gas Tank Equipped	False	
HPT 6-Speed Trans Equipped	False	
Hybrid MEC Shifter Equipped	False	
Engine Idle Shutoff Equipped	False	
ZF 9-Speed Trans Equipped	False	
MDS Equipped	False	
Variable Speed Fuel Pump Equipped	True	
ERS Equipped Indicator	False	
O2 Sensor Bank 1 Sensor 1 Equipped	True	
GPEC2 Equipped	False	
ESIM Equipped	False	
Intake Cam 2 Equipped	True	
Engine Stop Start Equipped	False	
Trans Skip Shift Equipped	False	
VFS Actuators Available Indicator	False	
Transmission Oil Heater Equipped	False	
Secondary Air Equipped	False	
3.5 Liter V6 Engine	False	
O2 Sensor Bank 2 Sensor 2 Equipped	True	
PWM Fan Motor System Equipped	True	
1 Speed Fan Mechanical Relay System Equipped	False	
Vehicle Speed Sensor #1 Calculated from CAN	False	
4.0 Liter I6 Engine	False	
6.1 Liter V8 Engine	False	
Active Engine Mount Equipped	False	
Primary Lin Alternator Equipped	False	
Auxiliary Heater Electric Water Pump Equipped	False	
Sensorless FFV Enabled	False	
Throttle Inlet Temp Sensor Equipped	False	
Electronic Automatic Transmission (EATX) Equipped	False	
WI4 Intake Flow Control Valve Equipped	False	
Wide Range O2 Sensor 1/1 Equipped	False	
2.7 Liter V6 Engine	False	
GPEC2A Equipped	True	
Auxiliary Coolant Pump Heater Equipped	Undefined	
Active Grille Shutter Equipped	True	
Cooled EGR Equipped	False	
GPEC4 Equipped	False	
Unleaded diesel fuel	False	
PTO System Equipped	False	
Supercharger Equipped	False	

WI4 Variable Valve Timing Equipped	True	
Oil Pressure Sensor Enabled	True	
Low Temperature Radiator Coolant Pump Equipped	False	
High Side Port Tumble Valve Equipped	Undefined	
Fiat VIN Learning Strategy Equipped	False	
ICC Cruise Equipped	False	
Starter Relay 2 Equipped	False	
ZF 9-Speed Transmission Equipped	False	
Next Gen Bus Equipped	False	
Humidity, Temperature and Pressure Sensor (LIN) Equipped	False	
3.0 Liter V6 Engine	False	
3.6 Liter V6 Engine	True	
Mechanical Coolant Pump Heater Equipped	False	
Active Exhaust Pressure Sensor Equipped	False	
VMM Equipped	False	
Dual Fuel Pressure Sensor Equipped	False	
Air Shutoff Valve Bank 1 Control Solenoid 2 Equipped	False	
Exhaust Cam 1 Equipped	True	
Trans Reverse Lockout Equipped	False	
Fan Wake Up Relay System Equipped	False	
66RFE / 68RFE	False	
Wastegate H-Bridge Equipped	Undefined	
Brake Pedal Sensor Equipped	False	
Viscosity Sensor Equipped	False	
Coolant On-Off Pump Equipped	False	
AC Equipped	False	
6.4 Liter V8 Engine	False	
Secondary Fuel Pump Equipped	False	
3.7 Liter V6 Engine	False	
Linear PWM Fan Relay System Equipped	False	
CMCV H-Bridge Equipped	Undefined	
Operator Idle Speed Request Equipped	False	
Tumble Generator Valve Equipped	False	
Electric Thermostat Heater Equipped	False	
CUSW PROXI Write Programming Support Enabled	False	
Electronic Throttle Control Equipped	True	
VLP Is Learnable Indicator	False	
AC Equipped Over Bus	False	
2.0 Liter WI4 engine	False	
1.0 Liter I3 Engine	False	
Electric Coolant Valve Equipped	False	
Engine Software In Package	True	
Adaptive Cruise Control Hardware Equipped	False	
Duty Cycle Purge Valve Equipped	True	

GPEC3 Equipped	False	
Air Shutoff Valve Bank 1 Control Solenoid 1 Equipped	False	
40TE / 41TE / 41TEA	False	
45RFE / 545RFE / 65RFE	False	
Coolant On-Off Valve Equipped	False	
Turbocharger Equipped	False	
EMAT (Getrag DCT transmission) Equipped	False	
Adaptive Cruise Control Equipped	False	
Dual Stage Oil Pump Equipped	True	
2.4 Liter WI4 engine	False	
Power Steering Switch Equipped	False	
O2 Sensor Bank 2 Sensor 1 Equipped	True	
Police Package Equipped	False	
3 Speed Fan Mechanical Relay System Equipped	False	
Engine Idle Shutoff Equipped	False	
Fixed displacement AC Equipped	True	
Clutch Interlock Switch Equipped	False	
Intake Cam 1 Equipped	True	
3.8 Liter V6 Engine	False	
Electronic Coolant Pump Equipped	False	
TIP Equipped	False	
Aisin 6-Speed RWD Transmission Equipped	False	
4 Speed Automatic Transmission Equipped	False	
Variable Displacement AC Equipped	False	
Active Exhaust Valve Equipped	False	
Exhaust Cam 2 Equipped	True	
Turbine Volute Valve Actuator Equipped	Undefined	
TOOLCONFIG_OIL_PRESS_ABS_EQUIPPED	True	
Buffered Crank Output for PHEV Engine Pulse Calculation Equipped	True	
Constant Heater Temperature Control Valve Equipped	False	
Continuous Variable Transmission Equipped	False	
3.3 Liter V6 Engine	False	
Brushless PWM Fan Equipped	NOT_FAN_PWM_BOSCH_BRUSHLESS_CNFG	
Electric Water Pump Equipped	False	
1.8 Liter WI4 engine	False	
4.7 Liter V8 Engine	False	
Compressed Natural Gas Equipped	False	
3.2 Liter V6 Engine	False	
Vehicle Speed Sensor #1 Calculated by ECU	False	
SRV Equipped	False	
62TE	False	
Battery Temp Sensor Equipped	False	
HPT 6-Speed Transmission Equipped	False	
DUAL_ALTERNATOR_GEN1_LEARNEDCOPY	False	

CUSW (29-Bit) Equipped	False	
Inrush Current Reduction Relay Equipped	False	
Dual Speed Fuel Pump Equipped	False	
CUSW (11-Bit) Equipped	False	
Shift Indicator Lamp Equipped	False	
VLP Equipped Indicator	False	
2 Speed Fan PWM Relay System Equipped	False	
4 Button Integrated Cruise Control	False	
Direct Injection Equipped	False	
Electronic Vacuum Pump Equipped	False	
Air Shutoff Valve Bank 2 Control Solenoid 2 Equipped	False	
Hybrid Electric Vehicle Equipped	True	
6.2 Liter V8 Engine	False	
5.7 Liter V8 Engine	False	
Wide Range O2 Sensor 2/1 Equipped	False	
Cummins Equipped	False	
Fiat 940 Compact Equipped	False	
A/C Equipped	False	
Knock Sensor 1 Equipped	True	
Yaw Rate Sensor ESC Equipped	False	
Unleaded Gasoline Fuel	True	
Port Flap Valve Equipped	False	
Barometric Sensor Equipped	False	
Auxiliary Coolant Pump Equipped	False	
O2 Sensor Bank 1 Sensor 2 Equipped	True	
42RLE	False	
MTV Solenoid Equipped	False	
Rear Heater Equipped	False	
Transmission Software Included	False	
O2 Sensor Bank 1 Sensor 3 Equipped	False	
ETC Cruise equipped	False	
Dual Fuel Tank Equipped	False	
2 Speed Fan 3 Driver 3 Relay System Equipped	False	
MultiAir Equipped	False	
Linear EGR Equipped	False	
Powernet Equipped	True	
Linear Purge Equipped	False	
Buffered Crank Output for ANC (Active Noise Cancellation) Equipped	True	
2 Speed Fan Mechanical Relay System Equipped	False	
Knock Sensor 2 Equipped	True	
Engine Oil Heater Cooler Equipped	True	
Bi-Directional Crank Sensor Equipped	True	
Dual Fuel Pressure Sensor Equipped	False	
CUSW 4-Button Cruise Equipped	False	

Make Up Air Sensor Equipped	False	
Cylinder Pressure Sensor Equipped	False	
Throttle Inlet Temp Sensor Equipped	False	
5 Button Cruise (LIN) Equipped	True	
Brake Pedal Sensor Equipped	False	
Power Steering Angle Sensor Mandatory	False	
INTAKE O2 SENSOR EQUIPPED	False	
LIN Humidity, Temp, and Pressure Sensor Equipped	False	
Operator Idle Speed Request Equipped	False	
SWAP HARDWIRED BRAKE SWITCH INPUTS	False	
Clutch Sensor Equipped	False	
Mass Airflow System Equipped	False	
Engine Oil Pressure Sensor Type	255	None

ICS CONFIGURATION

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

RFH CONFIGURATION

NAME	VALUE	UNITS
Hardware Configuration: Trunk Door Handle H/W	Simple Switch AP	
Hardware Configuration: Remote Start Antenna	Present	
Hardware Configuration: Front Right Door Handle H/W	Serial AP	
Hardware Configuration: Front Left Door Handle H/W	Serial AP	
Hardware Configuration: Rear Right Door Handle H/W	No AP	
Hardware Configuration: Rear Left Door Handle H/W	No AP	
Valid Key In Ignition	Yes	
Fob Location #3 Successfully Programmed	No	
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 NOT 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 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	False	
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	False	
Dynamic Steering Torque Feature Active	True	
Lane Feedback Feature Active	False	

ANC CONFIGURATION

NAME	VALUE	UNITS
Premuim - 2 (12 Channel)	False	
Premuim - 1 (8 channel)	False	
Premium - 3 (SRT8)	True	
Door Module - Left Rear	Present	
NetCFG Stat AT, I, PT	Request Data	
Door Module - Right Front	Present	
Door Module - Right Rear	Present	
Door Module - Left Front	Present	
Current ANC Calibration ID - Service	Harman ANC Module 3.6L	
ANC Calibration Date - Year	18	
ANC Calibration Date - Patch	4	
ANC Calibration Date - Week	45	
Left/Right Hand Drive	SNA / Not Programmed	
ANC Status	Off - Door Mute	

HVAC CONFIGURATION

NAME	VALUE	UNITS
HVAC Configuration	Dual Zone ATC + Rear	
Dual Zone MTC Control (BB)	False	
MTC With EBL (3Knob)	False	
MTC heater only (3Knob)	False	
Single Zone MTC Control (BB)	False	

MTC Without EBL (3Knob)	False	
DualZone ATC Control (Factory) (BB)	False	
DualZone ATC Control (BB)	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	

CSWM CONFIGURATION

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

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	False	
Rear System with 6 Front Sensors	False	

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	Service	
ECU Configuration 10	4	
Vehicle Config CSM1	4	
ECU Configuration 11	4	
ECU Configuration 6 (Brake)	4	
ECU Configuration 5 (Wireless)	4	
Programmed ECUs: P/T Chassis Network	4	
ECU Configuration 15 (Suspension)	4	
Programmed ECUs: Hybrid LAN Network	0	
ECU Configuration 8 (LIN and Miscellaneous)	4	
ECU Configuration 9A	4	
Vehicle Configuration 2 - Write Counter	4	
Vehicle Configuration 7 - Write Counter	4	
ECU Configuration 6 (Safety)	4	
ECU Configuration 2 (CBC Features)	4	
Vehicle Configuration 5 - Write Counter	4	
Programmed ECUs: Cabin Network	4	
Vehicle Configuration Auto Write Counter	1	
ECU Configuration 3	4	
ECU Configuration 7 (CBC Exterior Lighting Calibrations)	4	
ECU Configuration 12	4	
ECU Configuration 9 (ITM)	4	
ECU Configuration 1 (CBC Configurable Inputs and Outputs)	4	
ECU Configuration 14	4	
Vehicle Configuration 6 - Write Counter	4	
ECU Configuration 13	4	
ECU Configuration 5 (Memory)	4	
Vehicle Config CSM2	4	
ECU Configuration 15 (CBC Features)	4	
Programmed Network Configuration - Audio / Telematics Network	0	
Vehicle Configuration 4 - Write Counter	4	
ECU Configuration 6 (Powertrain)	4	
ECU Configuration 6 (Suspension)	4	
ECU Configuration 5 (Doors)	4	
ECU Configuration 4	4	

Vehicle Configuration 3 - Write Counter	4	
Last Configuration Odometer	4464	miles
Vehicle Configuration 1 - Write Counter	4	
Emode Present	Not Set	
PTS Configuration	Rear / REAR	
Model Year	2020	
Vehicle Line	RU	
Hill Descent Feature Present	Not Set	
Body Style	Station Wagon	
Shifter Type	5 Position Rotary Eshifter PRNDL / Type RS5L	
Auto Highbeam	Not Set	
Drive Configuration	2WD Front	
Country Code	USA	
Special Packages	74	
Remote Start Present	Set	
Select Speed Control Feature Present	Not Set	
Left/Right Hand Drive	Left Hand Drive	
Performance Pages Present	Not Present	
Maximum Vehicle Speed	0	MPH
Max Load Inflation Pressure Rear Tire	36.0	PSI
Special Packages IC	Pacifica	
Power Inverter Type	No Power Inverter	
Cruise Feature is Present	Set	
Max Load Inflation Pressure Front Tire	36.0	PSI
Off Road Capable	Not Set	
Air Conditioning Present	Not Set	
Rain Sensor Present	Not Set	
Flipper Glass Present	Not Set	
SKIM System Present	Not Set	
Full Size Spare	Not Set	
Thatcham Present	Not Set	
Display Outside Temperature Present	Set	
Keyless Go Present	Set	
Vehicle is an SRT	Not Set	
Two Fuel Sending Units Present	Not Set	
Display Compass Heading Present	Set	
Wheel Base	Wheel base not programmed / WB_NP	
Auto Headlamp Feature Present	Set	
Premium TPM system present	Set	
Police Lighting Feature	Not Set	
Window Express Feature Configuration	Front windows express only	
Vehicle Brand	Chrysler	
Auto Park Present	Set	

T-Case Type	Not Present / Not Present	
Adjustable Pedal Feature Present (non-Memory)	Not Set	
Forward Collision Warning present	Not Set	
Paddle Shift Feature Present	Not Set	
Power Right Sliding Door Present	Set	
Disable Display of Radio Clock	Not Set	
FOBIK Safe Enable	Set	
Chassis Type	Type 9	
Fuel Capacity	17	gallons
ELV Present	Not Set	
Door Alert Feature Present	Not Set	
Passive Entry Present	Set	
RKE System Present	Set	
Secondary Lock Present	Not Set	
HVAC Configuration	Dual Zone ATC + Rear	
Sport Mode Present	Not Set	
ESCL system present	Not Set	
High Intensity Discharge Head Lamps	Not Set	
Collision Mitigation System present	Not Set	
Power Left Sliding Door Present	Set	
Liftgate/Trunk Type	Power Liftgate	
Base TPM system present	Not Set	
Transfer Case High Ratio	1.000	No Unit
Transfer Case Low Range Reduction Ratio	0.000	
Dynamic Tire Circumference (All or Rear)	89	inch
Axle Ratio	3.251	
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 E Pin 29: Rear Wiper Motor Park Signal Present	Set	
Connector D Pin 11: Stop/Turn Trailer Tow Left Output Present	Not Set	
Connector E Pin 9: Run-ACC Y Relay #2 Output Present	Set	
Connector G Pin 9: Ambient Light Dimmer Wheel Input Present	Set	
Connector E Pin 5: PHEV Fuel Door Switch Input	Set	
Connector G Pin 24 (Internally tied to Connector F Pin 7): Ambient Lighting Output	Not Set	
Connector F Pin 6: Fuel Door Motor Output Signal Present	Set	
Connector D Pin 15: Left Dedicated DRL Lamps Output Present	Set	
Connector A Pin 11: Hood Ajar Switch Input Present	Set	
Connector E Pin 4/Connector F Pin 32: Rear Park Lamps Output 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 7: Left HID Relay Control Output Present	Not Set	
Connector D Pin 10: Trailer Tow Tail Lamp Output Present	Not Set	
Connector G Pin 15: UGDO Feed Output Present	Set	

Connector F Pin 29: Horn Switch Present	Set	
Connector A Pin 1 and Connector D Pin 13: Front Fog 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 G Pin 22: VTA Warning LED Output Present	Set	
Connector F Pin 9: Analog Door Ajar Signal Front Driver Present	Set	
Connector E Pin 11: Vacuum Switch Input	Not Set	
Connector A Pin 10/Connector D Pin 5: Side Markers Output Present	Set	
Connector E Pin 42: Charge Port Lock Output Present	Set	
Connector E Pin 41: Charge Port Unlock Output Present	Set	
Connector A Pin 22: Right Dedicated DRL Lamp 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 D Pin 12: PHEV ECM Hardwire Wake Up Output Present	Set	
Connector F Pin 23: Door Lock Switch Signal Front Passenger Present	Set	
Connector D Pin 7: Stop/Turn Trailer Tow Right Output Present	Not Set	
Connector D Pin 22/ Connector D Pin 23: Ambient Temperature Signal/Return Present	Set	
Connector D Pin 9: Trailer Tow Backup Output Present	Not Set	
Connector E Pin 39/Connector F Pin 5: Rear Fog Lamps Output Present	Not Set	
Connector F Pin 4: Liftgate Release Present	Not Set	
Connectro E Pin 37: Right HID Control Output Present	Not Set	
Connector F Pin 35: Inverter Enable Relay Output Present	Not Set	
LED Rear Turn Lamps Present	Not Set	
Front Wiper Wipes After Wash	2 Wipes	
Fuel Door Release Enabled	Not Present	
Quad Headlamps Enable	Set	
Reversible Washer Pump Enable	Set	
DRL Dropout Enable	Set	
Park Lamp Loadshed Enable	Set	
LED Stop Lamps Present	Not Set	
Headlamp Washer Low Fluid Shut-Off Enable	Set	
Hazard Lamp Configuration	Latching Switch	
LED Tail Lamps Present	Set	
Bi Xenon Headlamps Enable	Not Set	
Front Fog Lamp Dropout Enable	Set	
LED Low Beam Lamps Present	Not Set	
Headlamp Wash Interval	wash cycle#11	
LED Dedicated DRL Present	Set	
Wiper Service Position Enabled	Not Set	
Illuminated approach Enabled	Not Set	
Front Wiper Park Enable	Set	
LED License Lamps Present	Set	
Horn Chirp Allowed	Set	

Fuel Door Present	Not Set	
Combined Front Park/Turn Feature Enable	Not Set	
DRL Configuration	No DRL	
DRL Lamp Location	Dedicated	
Rear Wiper Park Enable	Set	
Combined Rear Lighting Enable	Set	
LED Reverse Lamps Present	Not Set	
Intermittent Wiper States	4 Intermittent Wiper position Switch	
Headlamp Wash Shot	double	
LED Rear Fog Lamps Present	Not Set	
Trailer Tow Present	Not Set	
Tip Start Enabled	Set	
LED Front Turn Lamps Present	Not Set	
Side Repeaters Enable	Not Set	
LED Front Park/Marker Lamps Present	Set	
Headlamp Wash Spray Duration (at 100 ms intervals)	1100ms	
One Touch Lane Change	Set	
Tunnel Detection	Not Set	
Dual Start Relay System Present	Not Set	
Exterior Light Loadshed Enable	Set	
LED Front Fog Lamps Present	Not Set	
LED CHMSL Lamp Present	Set	
LED High Beam Lamps Present	Not Set	
Destination	United States of America	
Surround Sound Feature Present	Not Set	
Power Door Locks Present	Set	
Microphone Type	Peiker 300 mv	
Heated Steering Wheel Present	Set	
Power Inverter Present	Not Set	
Disable CD Eject	Not Set	
Cabin Equilization Curve Number	6 Speaker Base (RU)	
Antenna Type	Active Primary and no secondary antenna	
Splashscreen Type	Vehicle Brand	
Microphone Configuration	2 Microphones	
External Port Type	AUX + USB	
Microphone Tuning Parameter	Absent [Not Used]	
Front Park Assist Present	Set	
Front Heated Seats Present	Set	
Rear Camera Present	Set	
Fleet Vehicle Content	Not Set	
AP5 Trunk Lock	Simple Switch	
AP2 Right Front	Smart Switch	
Vehicle Variant	Undefined	
Tip Start Present	Set	

AP4 Right Rear	CAN	
Airport Scenario Trunk	Not Set	
AP1 Left Front	Smart Switch	
AP3 Left Rear	CAN	
AP5 Trunk Unlock	CAN	
Heated Mirrors Present	Set	
Blindspot Mirror Present	Set	
Frameless Window Present	Not Set	
Sun Shade	Not Set	
Global Up	Not Set	
Folding mirrors present	Not Set	
Electro-chromatic passenger mirror present	Not Set	
Window Motor Type	Not Set	
Global Down	Not Set	
Passenger Window Lockout	Not Set	
Tow Mirror Present	Not Set	
Passenger Memory Mirror Present	Not Set	
Rear Door Pre Short Drop	Not Set	
Electro-chromatic driver mirror present	Not Set	
Driver Memory Mirrors Present	Not Set	
Window Hall Sensors Present	Not Set	
Mirror turn signals present	Not Set	
Puddle Lamp Present	Not Set	
Heated Steering Wheel Present	Present	
Tilt/Telescope Steering Present	Not Set	
Memory Adjustable Pedals Present	Not Set	
Driver Memory Seat Present	Not Set	
Heated Seat Material Type	Perforated Leather	
Stow 'n Assist Present - Driver	Not Set	
Stow 'n Assist Present - Passenger	Not Set	
Rear Heated Seats Present	Not Present	
Front Vented Seats Present	Not Present	
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	
Connector F Pin 13: Left Sliding Door Switch Input (B-Pillar)	Left B-Pillar sliding Door Switch	
License Plate Lamp Disable	Not Set	
Connector G Pin 2: Fog Lamp Switch Input	Fog Lamp Switch	
Connector F Pin 34: Spare HSD	Not Present	
Connector F Pin 16: Passenger Door Lock Switch Input	Not Present	
Auto High Beam Module Location	None	
Engine Off Clear Time	180	Time

Connector F Pin 30: Fuel Door Lock (BUX)	Not Present	
Heatsoak Speed	15	Counter
Connector D Pin 8: Digital Spare Input #2	Not Present	
Ambient Stable Counter Limit	40	Counter
Max Engine Off Time	220	Time
Connector F Pin 29: Horn Switch Present	Horn Switch Input	
Connector F Pin 37: Vacuum Cleaner Power Saver Indicator	Not Present	
Connector E Pin 48 (Tied internally to Connector A Pin16): Rear Wiper Motor Control Output Present	Rear Wiper (0)	
Humidy Sensor Long Present	Set	
Connector E Pin 3: Left Rear Turn Signal	Left Rear Turn Signal	
Connector F Pin 14: Right Sliding Door Switch Input (B-Pillar)	Right B-Pillar Sliding Door Switch	
Connector G Pin11/Connector G Pin 12: Not Used	ERS	
Connector E Pin 28: Secondary Door Ajar Switch Present - PIN E-28	Set	
Manual Door Locks Present	Not Set	
Heatsoak Flush Time	105	Time
Rain Sensor Module #2 Present	Not Set	
CHMSL Lamp Output Disable	Not Set	
Conncetor F Pin 33: Fuel Door Unlock (BUX)	Not Present	
Connector E Pin 39: Right Rear Turn Signal	Right Rear Turn Signal	
Connector F Pin 15: Driver Door Lock Switch Input	Not Present	
Connector D Pin 4: Digital Spare Input #1	Not Present	
Heatsoak Set Time	15	Time
Steering Smoothing Factor	Filter Off	
Nose Dive Threshold	Filter Off	
Brake Smoothing Factor	Filter Off	
Average Last Longitudinal Acceleration Values	No Averaging	
Excess Lateral Acceleration Factor	Filter Off	
Brake Smoothing Duration	Filter Off	
Steering Smoothing Duration	Filter Off	
Maximum Lateral Change	Filter Off	
Acceleration Threshold	Filter Off	
Nose Dive Factor	Filter Off	
Excess Longitudinal Acceleration Factor	Filter Off	
Brake Smoothing Threshold	Filter Off	
Acceleration Factor	Filter Off	
Average Last Lateral Acceleration Values	No Averaging	
Steering Smoothing Threshold	Filter Off	
Maximum Longitudinal Change	Filter Off	
VTA Hood Ajar Monitoring	Not Set	
RKE Auto-Relock Feature Enable	Not Set	
PE Auto-Relock Feature Enable	Set	
Auto High Beam ON Threshold	25 km/hr	
Auto High Beam OFF Threshold	20 km/hr	
Interior Lighting Night Threshold	4.45147	Volt

Interior Lighting Day Threshold	4.27498	Volt
Headlamp Soak Delay	1.0 sec	
Horn Chirp Duration	Short	
Parking Light Enable	Not Set	
Smart Alternator Present	Not Set	
Temperature Display Resolution	HaLF	
TPMS Configuration	Logic 1 NHTSA Enable Warning	
Sunroof Present	Not Set	
ANC Calibration Parameter Data Set	Non Amplified 3.6L PHEV	
Radio Speaker Open Circuit Disable (RF)	Set	
Drive Mode Version	Version 1	
Auto Dimming Mirror Hard Button Present	Set	
Radio Speaker Open Circuit Disable (LF)	Set	
Radio Speaker Open Circuit Disable (LR)	Set	
Radio Speaker Open Circuit Disable (RR)	Set	
Automatic Crash Notification Feature Present	Undefined	
Show Phone Information in Cluster	01	
Surround View Camera On/Off Softkey Present	Not Set	
Park Assist Tuning Set	Sahara	
3rd Row Lock CSO	Not Set	
Siren	Not Set	
Ultrasonics	Not Set	
Tilt	Not Set	
ESC	Set	
HCP	Set	
AHCP	Set	
ESM	Set	
ORC	Set	
APM	Set	
ECM	Set	
BPCM	Set	
OBCM	Set	
EAC	Set	
EBCM	Set	
CVPM	Not Set	
VRM	Not Set	
MSMP	Not Set	
AMP	Not Set	
HVAC	Set	
PDM	Set	
VTM	Not Set	
DDM	Set	
EOMR	Set	
EDM	Not Set	

ITM	Not Set	
DMRR	Set	
MSM	Not Set	
HVACR	Set	
EAM	Not Set	
ICS	Set	
DSM	Set	
PSDML	Set	
ANC	Set	
BCM (Interior Bus)	Set	
DTV	Not Set	
FSM	Not Set	
DMRL	Set	
PLGM	Set	
HSM	Set	
PSDMR	Set	
Radio	Set	
Compass Mounting Angle	0	Degree
IBS Present	Set	
Auto Relock Time	60	seconds
Fobik Safe Alerts Per Ignition Cycle	2	
Illuminated Approach Headlamp Target Percentage	125 (62.5%)	
Humidity Sensor Present	Set	
Illuminated Approach Taillamp Target Percentage	125 (62.5%)	
Illuminated Approach Interior Lighting Ramp Up Time	130(2600ms)	
Alert no Reply	Set	
Alert On Search Timeout	Set	
Alert On System Fault	Set	
Illuminated Approach Interior Lighting Target Percentage	100(50%)	
OHC Module Present	Set	
Washer Fluid Level Voltage Threshold	4.46 volts	
EVIC SWS Module Present	Set	
CRVMM Present	Set	
HFRM Present	Not Set	
VTA System Present	VTA	
Panic Enable	Set	
Compass Mounting Orientation	Rightside up	
Connector F Pin 41: Backup-Reverse lamp Left	Set	
Connector E Pin 7: Left HID Relay Control	Left HID Lamp Relay	
Connector D Pin 12: PHEV ECM Hardwire Wake Up	Engine Control Module Wake up (PHEV only)	
Connector D Pin 11: Stop/Turn Trailer Tow Left Output Present	Reserved	
Connector A Pin 11: Hood Ajar Switch Signal	500 ohm series and 500 ohm parallel resistors	
Connector D Pin 21: Brake Fluid Level Switch	no parallel resistor	

Connector E Pin 1: Backup-Reverse lamp Right	Set	
Connector E Pin 37: Right HID Relay Control	Right HID Lamp Relay	
Connector F Pin 5: Left Rear Fog Lamp	Output Disable	
Connector E Pin 3: Left Rear Turn Signal	Left Rear Turn Signal	
Connector F Pin 31: Right Sliding Door Ajar	Right Sliding Door Ajar	
Connector F Pin 28: Right Rear Turn Lamp Fault Sense	Disable	
Connector F Pin 4: Liftgate Release	Trunk/Liftgate Release	
Connector F Pin 42: Right Rear Turn Signal	Right Rear Turn Signal	
Connector F Pin 25: Left Rear Turn Lamp Fault Sense	Disable	
Stop/Start Enable Switch Present	Not Set	
Connector A Pin 2: Right High Beam Feed	Right High Beam (0)	
Connector D Pin 1: Left High Beam Feed	Left High Beam (0)	
Connector F Pin 27: Left Sliding Door Ajar	Left Sliding Door Ajar	
Connector E Pin 5: E-5 PHEV Fuel Door Switch Input	PHEV Fuel Door Switch	
Connector E Pin 39: Right Rear Fog Lamp	Output Disable	
Connector E Pin 29: Rear Wiper Motor Park Signal	Reserved	
Connector F Pin 29: Horn Switch Input	Horn Switch Input	
Passive Ped Pro Present	False	
Tow Hooks Present	False	
1st Row Seat Side Airbags Present	True	
Passenger Kneebag Present	True	
BUX Market	False	
ODS Present	False	
Curtain Airbags Present	True	
Driver Kneebag Present	True	
Integrated EPP Present	False	
IPC	Set	
ESM	Set	
ORC	Set	
BCM (PT)	Set	
SCCM	Set	
ACC	Not Set	
PCM	Set	
PTS	Set	
EPS	Set	
RFH	Set	
AHLM	Not Set	
ESL	Not Set	
FFCM	Not Set	
ABSO	Set	
OCM	Set	
ABS	Not Set	
TCM	Not Set	
HCP	Set	

Accessory Delay Time	45	seconds
Sliding Door Chime Enable	Set	
Sliding Door Alert	Not Set	
Auto Unlock	Set	
Headlamps on with Wipers	Set	
Flash Lamps on Lock	Set	
Daytime Running Lamps	Set	
Auto Wipers	Not Set	
Sound Horn On Lock Status	Chirp on 1st press/FIRST	
Hands Free Sliding Door Enable	Set	
Sound Horn on Remote Start	Set	
Auto Lock	Set	
Unlock all doors on 1st press	Set	
Sound Horn on Lock	Set	
Illuminated Approach Time	30	seconds
Headlamp Delay Time	30	seconds
Auto Highbeam	Not Set	
IBS Quiescence Current Limit	-250	mA
IBS Minimal Charge Limit	10	AmpHrs
IBS Minimum Voltage Limit	5.0	Volts
Battery Type II	255	
Battery Types	SNA	
IBS Activate MWU	Not Set	
IBS Minimum Charge Limit	600	mA
Front Park/Turn Voltage	Park to Turn ratio 55 Percent	
Left Front Corner Voltage	13.2 Volts	
Left Low Beam Voltage Regulation	13.6 Volts	
Right High Beam Voltage Regulation	13.8 Volts	
Left Rear Corner Voltage	14 Volts	
Left High Beam Voltage Regulation	13.6 Volts	
Right Rear Corner Voltage	14 Volts	
Right Low Beam Voltage Regulation	14 Volts	
Auto Headlamp On Threshold	3.31409	Volt
Auto Headlamp Off Threshold	2.54930	Volt
Right Front Corner Voltage	13.4 Volts	
Rear View Camera Static Grid Lines Enabled	Not Set	
Rear View Camera Dynamic Grid Lines Enabled	Set	

RADIO CONFIGURATION

NAME	VALUE	UNITS
Compass on the bus messaging Authorization	Allowed	
GPS on the Bus messaging Authorization	Allowed	
Satellite Subscription Suspend Day	01	
Satellite Subscription Reason Code	00	

Satellite Subscription Suspend Year	46	
Satellite Subscription Suspend Month	01	
Satellite Subscription Status	Subscribed	
Satellite Subscription ID	5EPLKDHW	
Aux Jack	Not Inserted	
USB Hubs Detected	1	No Unit
SD Card Readers Detected	0	No Unit
Enumerated USB Devices	0	No Unit
DTV Short Term Configuration	—	
911 Button	On	
SDARS	True	
Internal CD Player	False	
Application Framework	True	
Bluetooth	True	
Navigation Active	True	
FM Diversity	False	
Cellular	True	
Wi-Fi	True	
Splash Screen	Chrysler	
Anti-Theft Enable Status	On	
Automated Loudness	On	
Front Seat Video Playback	Enabled	
Clock Defeat	Off	
Cabin EQ Curve Number Currently Used by Radio	00	
12/24 Time Selection	12 Hour Time	

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	

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 9	
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	



CUSTOM REPORT

Vehicle 2020 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
VIN [redacted]

Odometer 4467.0 miles
Publication Date Aug 18, 2021, 2:34:12 PM

ECU DETAILS

PCM DETAILS

NAME	VALUE
VIN Current	2C4RC1L71LR270622
Odometer When Original VIN First Written	2668768948.7216
ECU Part Number	68444229AE
Variant ID	44
Software Version (Major/Middle/Minor)	46 03 01
Supplier ID	Motorola
Hardware Version (Major/Minor)	1B 47
Diagnostic Version	19
Vehicle Line	2D
Model Year	20
Country Code	USA
Body Style	Station Wagon
VIN - Original	[redacted]
Serial Number	T00EP2200IV529

ICS DETAILS

NAME	VALUE
VIN Original	[redacted]
VIN Current	[redacted]
Body Style	Station Wagon
Model Year	2020
Country Code	USA
Vehicle Line	RU
HW - Patch Level	00
HW - Year	0F
HW - Week	12
SW - year	18
SW - Patch Level	0
SW - week	37

Active Diagnostic Variant	44
Active Diagnostic Version	00
ECU Software Mode	Running in Application
ECU Serial Number	T176010101
Software Supplier Identification	Panasonic
ECU Part Number	6UX601X8AA
Hardware Supplier Identification	Panasonic

RFH DETAILS

NAME	VALUE
IAC Data	—
Hardware Version - Week	17
Hardware Version - Patch Level	00
Hardware Version - Year	10
ECU Part Number	68453559AB
ECU Serial Number	T01Z22070B1533
Software Version - Week	09
Software Version - Year	13
Software Version - Patch Level	00
Hardware Part Number	16135703AC
Hardware Supplier	Continental
VIN Current	[redacted]
Body Style	station wagon / BODY_WAGON
Vehicle Line	RU
Country Code	USA / USA
Model Year	2020
Active Diagnostic Version	00
Active Diagnostic Session	Extended
ECU Software Mode	Running in Application
Active Diagnostic Variant	4A
Software Supplier	Continental
VIN Original	[redacted]

ESM DETAILS

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

ORC DETAILS

NAME	VALUE
Active Diagnostic Variant	43
Active Diagnostic Version	01
Body Style	Station Wagon

Vehicle Line	RU / VEH_RU
Model Year	2020
Country Code	USA / USA
ECU Serial Number	T04JF2110G01B3

EPS DETAILS

NAME	VALUE
Vehicle Line	RU / VEH_RU
Body Style	Station Wagon
Country Code	USA / USA
Model Year	2020
HW - Week	42
HW - Year	2018
HW - Patch Level	00
VIN Current	[redacted]
Active Diagnostic Version	02
Active Diagnostic Variant	45
SW - Patch Level	01
SW - year	2018
SW - week	30
VIN Original	[redacted]
ECU Part Number	68460392AA

ANC DETAILS

NAME	VALUE
Hardware Part Number	68440556AB
ECU Part Number	68440556AB
EQ Software Version	048800
ECU Serial Number	4221AJ21200080
Active Diagnostic Variant	42
Active Diagnostic Version	10
VIN Current	[redacted]
Country Code	USA
Model Year	2020
Vehicle Line	RU
VIN Original	[redacted]

HVAC DETAILS

NAME	VALUE
VIN Current	[redacted]
ECU Part Number	68447893AC
VIN Original	[redacted]
Body Style	Station Wagon
Country Code	USA

Model Year	2020
ECU Serial Number	TEA290830P03
Active Diagnostic Version	01
Active Diagnostic Variant	44

DDM DETAILS

NAME	VALUE
ECU Part Number	68424451AC
Active Diagnostic Version	02
Active Diagnostic Variant	42
VIN Original	[redacted]
VIN Current	[redacted]

PDM DETAILS

NAME	VALUE
Serial Number	TRU4C220000020
Active Diagnostic Variant	42
Active Diagnostic Version	02
Active Diagnostic Session	Default
Gateway	False
ECU Part Number	68424450AC
VIN Current	[redacted]
VIN Original	[redacted]
Model Year	2020
Country Code	USA
Vehicle Line	RU

DMRL DETAILS

NAME	VALUE
Hardware Part Number	68225096AG
Software Part Number	68225096AG
Active Diagnostic Variant	42
Active Diagnostic Version	01
Body Style	Station Wagon
Vehicle Line	RU / VEH_RU
Model Year	2020
Country Code	USA / USA
VIN Original	[redacted]
VIN Current	[redacted]
ECU Part Number	68225096AG

DMRR DETAILS

NAME	VALUE
ECU Part Number	68225096AG

Active Diagnostic Variant	42
Active Diagnostic Version	01
Software Part Number	68225096AG
VIN Current	[redacted]
Hardware Part Number	68225096AG
VIN Original	[redacted]
Country Code	USA / USA
Body Style	Station Wagon
Model Year	2020
Vehicle Line	RU / VEH_RU

PSDML DETAILS

NAME	VALUE
VIN Original	2C4RC1L71LR270622
Vehicle Line	RU / VEH_RU
Country Code	USA / USA
Body Style	Station Wagon
Model Year	2020
ECU Part Number	68369596AD
Hardware Supplier Identification	Delphi
VIN Current	[redacted]
Active Diagnostic Variant	40
Active Diagnostic Version	01

PSDMR DETAILS

NAME	VALUE
VIN Current	[redacted]
VIN Original	[redacted]
Active Diagnostic Version	01
Active Diagnostic Variant	40
Vehicle Line	RU / VEH_RU
Country Code	USA / USA
Body Style	Station Wagon
Model Year	2020
Hardware Supplier Identification	Delphi
ECU Part Number	68369596AD

PLGM DETAILS

NAME	VALUE
Serial Number	TPLUF217001018
Chrysler Group Software Number	68316094AF
Model Year	2020
Country Code	USA
Vehicle Line	RU

Body Style	Station Wagon
Active Diagnostic Variant	42
Active Diagnostic Version	02
Chrysler Group Hardware Number	68316094AF
Hardware Supplier Identification	Continental

CSWM DETAILS

NAME	VALUE
ECU Part Number	68434910AC
Software Part Number	68434910AC
Software Logical Block Supplier Identification	Continental
Hardware Supplier Identification	Continental
Active Diagnostic Variant	43
ECU Software Mode	Running in Application
Gateway	False
Active Diagnostic Version	02
Vehicle Line	RU
Body Style	Station Wagon
Model Year	2020
Country Code	USA
VIN Current	[redacted]
Hardware Part Number	68434910AC

IPC DETAILS

NAME	VALUE
Software Supplier Identification	Nippon Seiki (NS Intl)
ECU Serial Number	TCL230000356
Active Diagnostic Variant	47
Active Diagnostic Version	04
Software - Week Block #0	11
Software - Year Block #0	2020
Software - Patch Level Block #0	00
Model Year	2020
Vehicle Line	RU
Country Code	USA / USA
Body Style	Station Wagon
Hardware Part Number	68434956AD
Hardware Supplier Identification	Nippon Seiki (NS Intl)
VIN Original	[redacted]
VIN Current	[redacted]
Hardware - Patch Level	00
Hardware - Week	6
Hardware - Year	2018
Software Logical Block #0 Part Number	68434954AD

ECU Part Number	68434956AD

PTS DETAILS

NAME	VALUE
Country Code	USA
Model Year	2020
Body Style	BODY_WAGON
Vehicle Line	RU
Serial Number	T00FF218000090
ECU Part Number	68193772AJ
VIN Original	[redacted]
Hardware Supplier Identification	Bosch
Active Diagnostic Session	Default
Active Diagnostic Variant	43
Active Diagnostic Version	11
ECU Software Mode	Running in Application
SW Part Number	68193772AJ
HW - Year	2014
HW - Week	50
HW - Patch Level	00
SW - week	31
SW - year	2018
SW - Patch Level	00
Software Supplier Identification	Bosch
VIN Current	[redacted]

SCCM DETAILS

NAME	VALUE
ECU Serial Number	S22000647
Hardware Part Number	10333273AA
SW - year	19
SW - Patch Level	0
SW - week	41
Hardware Supplier Identification	Kostal
Software Logical Block Supplier Identification	Kostal
VIN Current	[redacted]
Vehicle Line	RU
Model Year	2020
Country Code	USA
Body Style	BODY_WAGON
ECU Part Number	68360889AD
Software Logical Block #0 Part Number	10306803AB
VIN Original	[redacted]
HW - Week	40

HW - Patch Level	0
HW - Year	19
Active Diagnostic Version	1
Active Diagnostic Variant	43
ECU Software Mode	Running in Application

BCM DETAILS

NAME	VALUE
Software Logical Block Supplier Identification	Continental
Country Code	USA
Software Logical Block #0 Part Number	68424602AF
VIN Original	[redacted]
Active Diagnostic Variant	44
ECU Software Mode	Running in Application
Active Diagnostic Version	15
Hardware Supplier Identification	Continental
ECU Serial Number	TYH163000391
ECU Part Number	68424601AF
Ignition Run Start	Run/Start
VIN Current	[redacted]

RADIO DETAILS

NAME	VALUE
Hardware Part Number	CNSC19N0GL
ECU Part Number	68461768AD
Body Style	Wagon
Country Code	USA
Model Year	2020
Vehicle Line	RU
Software Supplier Identification	Panasonic
Market Selection Configuration	02
Hardware Supplier Identification	Panasonic
VIN Original	[redacted]
ECU Software Number	68461768AD
VIN Current	[redacted]
Active Diagnostic Variant	82
Active Diagnostic Version	05
ECU Serial Number	T M9223001760
Sales Code	V
SW - week	49
SW - Patch Level	14
SW - year	2019
ECU Hardware Version Number	20
HW - Patch Level	14

HW - Year	2019
HW - Week	49
Software Part Number	68461768AD
ECU Software Version Number	4913

OCM DETAILS

NAME	VALUE
Model Year	2020
Country Code	USA / USA
Vehicle Line	RU / VEH_RU
Body Style	Station Wagon
Active Diagnostic Variant	40
Active Diagnostic Version	30
ECU Serial Number	TRUJY21401412B
VIN Original	[redacted]
VIN Current	[redacted]
ECU Part Number	68403127AA
Software Logical Block #0 Part Number	28444600
Hardware Part Number	28608000

HVACR DETAILS

NAME	VALUE
Active Diagnostic Variant	43
Active Diagnostic Version	01
ECU Part Number	68373079AB
ECU Serial Number	FF FF FF FF FF FF FF FF FF FF FF FF
VIN Current	[redacted]
Model Year	20
Country Code	USA
Body Style	Station Wagon
Vehicle Line	RU

LBSS DETAILS

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

RBSS DETAILS

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

APM DETAILS

NAME	VALUE
ECU Serial Number	TD6VA0620R4027
Active Diagnostic Variant	40
Active Diagnostic Version	01
Country Code	USA / USA
Vehicle Line	RU
Model Year	2016
VIN Original	[redacted]
VIN Current	[redacted]
ECU Part Number	05185046AB

BPCM DETAILS

NAME	VALUE
ECU Part Number	05193166AF
SW - week	23
SW - year	2020
SW - Patch Level	00
VIN Original	[redacted]
ECU Serial Number	TESIG216020028
VIN Current	[redacted]
Active Diagnostic Variant	40
Active Diagnostic Version	05

HCP DETAILS

NAME	VALUE
HCP SW Version	C19A
MCP SW Version	2003B0
Transmission Assembly Traceability Number	
Transmission Assembly Part Number	
ECU Serial Number	TMMVL1681A1331
Active Diagnostic Version	05
Active Diagnostic Variant	40
VIN Original	[redacted]

VIN Current	[redacted]

OBCM DETAILS

NAME	VALUE
VIN Original	[redacted]
Active Diagnostic Variant	40
Active Diagnostic Version	02
ECU Serial Number	TD63H2428R6409
ECU Part Number	05185047AE
VIN Current	[redacted]

DSM DETAILS

NAME	VALUE
Software Logical Block #0 Part Number	1808280001
ECU Part Number	68316175AC
ECU Serial Number	000000979082
Country Code	USA / USA
Vehicle Line	RU
Model Year	2020
Body Style	Station Wagon
Hardware Part Number	BGM9610100
VIN Original	[redacted]
VIN Current	[redacted]
Active Diagnostic Version	00
ECU Software Mode	Running in Application
Active Diagnostic Variant	40
Active Diagnostic Session	Default
Gateway	False

RCCC DETAILS

NAME	VALUE
ECU Serial Number	T085010635
VIN Original	[redacted]
ECU Software Mode	Running in Application
Active Diagnostic Version	00
Active Diagnostic Variant	40
Active Diagnostic Session	Default
Gateway	False
ECU Part Number	6WL30PD2AA
VIN Current	[redacted]
Vehicle Line	RU
Model Year	20
Country Code	USA
Body Style	Station Wagon

Hardware Part Number	68223337AB

EAC DETAILS

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

AHCP DETAILS

NAME	VALUE
AHCP SW Version	C19A
MCPA SW Version	2003B0
Active Diagnostic Version	00
Active Diagnostic Variant	40
Body Style	Station Wagon
Model Year	2020
Vehicle Line	RU
VIN Original	[redacted]
Hardware Part Number	05190174AM
ECU Part Number	05190290AC
VIN Current	[redacted]

EBBM DETAILS

NAME	VALUE
Active Diagnostic Variant	40
Active Diagnostic Version	00
ECU Part Number	68461813AB
ECU Serial Number	T006M091963102

ABSO DETAILS

NAME	VALUE
Sensor Cluster Serial Number	2FJ40T10G011
Active Diagnostic Version	01
Active Diagnostic Variant	42
Model Year	2020
Body Style	Station Wagon
Country Code	USA
Vehicle Line	RU
ECU Part Number	68471122AD
ECU Serial Number	T004F205964191

SGW DETAILS

NAME	VALUE
VIN Original	[redacted]
Active Diagnostic Session Data Identifier	Extended Diagnostic Session
System Supplier ECU Software Version Number	779
ECU Serial Number	54 46 31 31 36 32 32 32 30 4A 30 34 33 32 30
Diagnostic Version	03
Supplier ID	Bosch
Diagnostic Variant ID	41
System Supplier ECU Hardware Number	6002JE1371
ECU Part Number	68447193AB
System Supplier ECU Software Number	V230
System Supplier ECU Hardware Version Number	5

RRTS

RRT #	DESCRIPTION	STATUS
20-069	2020 RU PHEV ELECTRONIC BRAKE BOOSTER MODULE (EBBM	Complete

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
PCM	Powertrain Control Module	CAN-C	68444229AE	[redacted]		68444229AE
ICS	Integrated Center Stack	CAN-I	6UX601X8AA			6UX601X8AA
RFH	Radio Frequency Hub	CAN-C	68453559AB			68453559AB
ESM	Electronic Shifter	CAN-C	68240089AM			68240089AM
ORC	Occupant Restraint	CAN-C	68453076AD			68453076AD
EPS	Electric Power Steering	CAN-C	68460392AA			68460392AA
ANC	Active Noise Cancelation	CAN-I	68440556AB			68440556AB
HVAC	Heat, Ventilation and A/C	CAN-I	68447893AC			68447893AC
DDM	Driver Door Module	CAN-I	68424451AC			68424451AC
PDM	Passenger Door Module	CAN-I	68424450AC			68424450AC
DMRL	Door Module Rear Left	CAN-I	68225096AG			68225096AG
DMRR	Door Module Rear Right	CAN-I	68225096AG			68225096AG
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AD			68369596AD
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AD			68369596AD
PLGM	Power Liftgate	CAN-I	68316094AF			68316094AF
CSWM	Comfort Seat Wheel Module	CAN-I	68434910AC			68434910AC

IPC	Instrument Panel Cluster	CAN-C	68434956AD		68434956AD
PTS	Parktronics	CAN-C	68193772AJ		68193772AJ
SCCM	Steering Column Control Module	CAN-C	68360889AD		68360889AD
BCM	Body Controller	CAN-C	68424601AF		68424601AF
RADIO	Radio	CAN-I	68461768AD		68461768AD
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
APM	Accessory Power Module	CAN-C	05185046AB		05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193166AF		05193166AF
HCP	Hybrid Control Processor	CAN-C	05190289AC		05190289AC
OBCM	On Board Charging Module	CAN-C	05185047AE		05185047AE
DSM	Display Screen Module	CAN-I	68316175AC		68316175AC
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30PD2AA		6WL30PD2AA
EAC	Electric A/C Compressor	CAN-C	68237995AG		68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05190290AC		05190290AC
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB		68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD		68471122AD
SGW	Security Gateway Module	CAN-C	68447193AB		68447193AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
PCM	USA	1B 47	46 03 01	4419	DFF8E724
ICS	USA	0F 0C 00	12 25 00	4400	
RFH	USA / USA	10 17 00	13 09 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	
ANC	USA	0F 05 01	12 2C 01	4210	
HVAC	USA	0E 09 00	13 05 01	4401	
DDM	USA	11 07 00	13 0B 00	4202	
PDM	USA	11 07 00	13 0B 00	4202	

DMRL	USA / USA	10 0B 00	12 0C 00	4201	
DMRR	USA / USA	10 0B 00	12 0C 00	4201	
PSDML	USA / USA	10 17 00	14 10 12	4001	
PSDMR	USA / USA	10 17 00	14 10 12	4001	
PLGM	USA	17 19 00	18 22 00	4202	
CSWM	USA	11 2A 00	13 2C 00	4302	
IPC	USA / USA	12 06 00	14 0B 00	4704	
PTS	USA	0E 32 00	12 1F 00	4311	
SCCM	USA	13 28 00	13 29 00	4301	
BCM	USA	0D 11 00	14 1B 90	4415	
RADIO	USA	13 31 14	13 31 14	8205	
OCM	USA / USA	11 1F 01	0E 2F 02	4030	
HVACR	USA	0E 09 00	10 03 02	4301	
LBSS	USA / USA	11 30 02	12 0D 00	4202	
RBSS	USA / USA	11 30 02	12 0D 00	4202	
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM	Not programmed / COUNTRY_SNA	0E 03 00	14 17 00	4005	D721612D
HCP	USA	11 1F 04	13 30 01	4005	92BCF62B 04D8393A 050DC953
OBCM	USA	0F 0D 00	12 02 00	4002	
DSM	USA / USA	13 29 00	12 23 00	4000	
RCCC	USA	0F 1D 00	13 04 00	4000	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1F 04	13 30 01	4000	
EBBM	USA	0E 19 02	14 0D 18	4000	E5898FA5
ABSO	USA	0E 15 02	14 1B 26	4201	4F158D1B
SGW		5	779	4103	

ENVIRONMENTAL DATA SUMMARY

BPCM | P0AA4-00 | Active | Hybrid/EV Battery Negative Contactor "A" Stuck Closed-

NAME	VALUE	UNITS
Frequency Counter	1	
Ignition Cycle Counter	0	
FoM - for this DTC (lifetime fails)	7	events
FoM - for this DTC (lifetime fails counts on pass)	0.0000	seconds
FoM - for this DTC (lifetime longest fail on pass)	0.000	seconds
Battery Total Time Awake	28974008	seconds
Key in Ignition	Key_Def	
Key Position	Ign_Lock	
EPT -WakeUp	Not Sourced	
HCP Contactor Command	Open	
Qualified Contactor Command - QCC	Open	
Verified Contactor Command - VCC	Open	

Contactor Status	PreCharging Failed	
Plug in Status	Not plugged in	
ChargingLevel	Plug in, but no charge	
Balance Mode	False	
Battery in Periodic wake up (Just battery) at time of Fault	False	
Battery in Periodic wake up (Wake up vehicle) at time of Fault	False	
Vehicle mileage at time of fault (ODO signal in $3D2)	4466.87	miles
Battery Lifetime Miles	2F58BD	miles
Vehicle Speed	0.0	MPH
System (12) Volts at time of fault	11.834	Volts
Battery Lifetime AmpHrs of Charge	1878.2	AHr
Battery Lifetime AmpHrs of DisCharge	1847.7	AHr
SOC at time of Fault	85.9	%
Power Up SOC at time of Fault	85.9	%
HVIL Status -Vehicle	Not Sourced	
HVIL Status - Battery pack	PASS	
HVIL PWM Duty Cycle - Vehicle	0.0	%
HVIL PWM Frequency - Vehicle	0.0	Hz
HVIL PWM peak voltage Sourced - Vehicle	0.349	Volts
HVIL PWM peak voltage Sensed - Vehicle	0.357	Volts
HVIL Source Voltage- Battery	1.377	Volts
HVIL Returned current - Battery	30.60	mA
HV Battery Current Sensor 1 Hall High	-1.90	Amps
HV Battery Current Sensor 2 Hall Low	0.00	Amps
HV Battery Current HVBatCrnt	0.00	Amps
HV Cooling Speed Pump 1 Target	0	rpm
HV Cooling Speed pump 1 Speed	0	rpm
Charge indicator Temp	82	°F
BPCM temperature max	73	°F
BPCM temperature min	72	°F
Pump - Wire Open\Short to Gnd	PASS	
Pump - Dry Run Detection	PASS	
Pump - Overcurrent	PASS	
Pump - Overtemperature	PASS	
Pump - Switch Power Shorted	PASS	
Isolation Circuitry Va	2.500	Volts
Isolation Circuitry Vb	2.502	Volts
Isolation Circuitry Vd	0.000	Volts
WC and Circuitry 2.5V Reference Voltage	2.501	Volts
WC and Circuitry Vcc Voltage	4.990	Volts
WC and CircuitryISO 8V Reference Voltage	7.990	Volts
WC and Circuitry Weld Contactor Sensor G (Pack Negative) Voltage	-4.0	Volts
Cycles left to self heal	40	No Unit
Fault trigger level 1	False	

Fault trigger level 2	False	
Fault trigger level 3	False	
Fault Path	01	
HV Battery Charge Power 2sec	82338	watts
HV Battery Charge Power 10sec	66060	watts
HV Battery Discharge Power 2sec	105120	watts
HV Battery Discharge Power 10sec	102783	watts
HV Battery Power	007530	watts
Key - DriveRdy (CAN)	True	
Battery Lifetime Number Of Closes	722	
Battery Full AmpHr Capacity	49	AmpHrs
Cell Impedance Max Discharge	0	mOhms
Cell Impedance Mim Discharge	0	mOhms
Battery Cell Voltage Maximum	4033	mV
Battery Cell Voltage Minimum	4016	mV
Battery Cell Voltage Average	4022	mV
Battery Cell Highest Cell number	88	
Battery Cell Lowest Cell number	50	
HV Battery Voltage (cell sum)	386.10	Volts
HV Battery Voltage (Module Sum)	385.90	Volts
HV Sensor A Pack Voltage	386.00	Volts
HV Sensor B Bus\Link (Pre-Fuse) Voltage	1.30	Volts
HV Sensor C OBCM (HVOBC Fuse) Voltage	0.90	Volts
HV Sensor D Heater (HVHTR Fuse) Voltage	0.90	Volts
HV Sensor G Weld Contactor(Pack Negative) Voltage	-4.0	Volts
Battery Temperature Maximum Module	73	°F
Battery Temperature Minimum Module	72	°F
Battery Temperature Average Module	73	°F
Battery Temperature Highest Sensor number	07	
Battery Temperature Lowest Sensor number	10	
Battery Temperature Number of Failing Sensors	00	
HV Cooling Pump Relay Drive	Not Sourced	
HV Cooling Battery coolant inlet temp	75	°F
HV Cooling Battery coolant outlet temp	75	°F
HV Cooling OBCM temp inlet Temp	81	°F
Pump - Battery Coolant Level Low	False	
Isolation Vehicle Diagnostic Status	Run and Passed	
Isolation Vehicle Impedance	7.4750	Mega Ohms
Isolation Battery Diagnostic Status	Run and Passed	
Isolation Battery Impedance	0.8480	Mega Ohms
HV Bat SOH-R	3.1	%
HV Bat SOH-C	93.7	%
BPCM Sec Asic Reset Req	Not active	
BPCM Sec QA Error Counter	0	cnts

BPCM Sec MM Hw Reset Error Counter	0	cnts
BPCM Sec Asic Fault Input	Not active	
BPCM Sec CC Path Test Active	Not active	
BPCM L2 General Monitoring Flt Rsn	L2L1_CELL_MAX_V_CMP_FLT	
BPCM L2 CC Path Test Req	Undetermined	
BPCM L2 Contactor Dslb Req	Undetermined	
BPCM L2 ASIC Diagnostic Flt Rsn	ADCTest	
BPCM Sec HW Timer Status	Not active	
BPCM Sec Contactor State	Open	
BPCM Main HW Timer Status	Not active	
BPCM Sec Asic Fault State	Undefined	
BPCM L2 SM Hw Reset Error Counter	0	No Unit
Engine Speed	0	rpm
Accelerator position	0.0	%
Real time clock	429496.7295	seconds
Real time clock-OS Task Delay Timer	2	
Real Time Clock Validity	True	
DTC	0A A4 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Original Odometer Value	4464	miles
Most Recent Odometer Value	4464	miles
DTC Extended Data Record Number - 2	0E	

BPCM | P0C77-00 | Active | HV Battery System Precharge Time Too Short-

NAME	VALUE	UNITS
Frequency Counter	1	
Ignition Cycle Counter	0	
FoM - for this DTC (lifetime fails)	1	events
FoM - for this DTC (lifetime fails counts on pass)	0.0000	seconds
FoM - for this DTC (lifetime longest fail on pass)	0.000	seconds
Battery Total Time Awake	28974004	seconds
Key in Ignition	Key_Def	
Key Position	Ign_Lock	
EPT -WakeUp	Sourced	
HCP Contactor Command	Closed	

Qualified Contactor Command - QCC	Closed	
Verified Contactor Command - VCC	Closed Restricted	
Contactor Status	Closed	
Plug in Status	Not plugged in	
ChargingLevel	Plug in, but no charge	
Balance Mode	False	
Battery in Periodic wake up (Just battery) at time of Fault	False	
Battery in Periodic wake up (Wake up vehicle) at time of Fault	False	
Vehicle mileage at time of fault (ODO signal in $3D2)	4466.87	miles
Battery Lifetime Miles	2FC910	miles
Vehicle Speed	0.0	MPH
System (12) Volts at time of fault	10.970	Volts
Battery Lifetime AmpHrs of Charge	1878.2	AHr
Battery Lifetime AmpHrs of DisCharge	1847.7	AHr
SOC at time of Fault	85.9	%
Power Up SOC at time of Fault	85.9	%
HVIL Status -Vehicle	PASS	
HVIL Status - Battery pack	PASS	
HVIL PWM Duty Cycle - Vehicle	50.2	%
HVIL PWM Frequency - Vehicle	87.9	Hz
HVIL PWM peak voltage Sourced - Vehicle	9.646	Volts
HVIL PWM peak voltage Sensed - Vehicle	9.620	Volts
HVIL Source Voltage- Battery	1.385	Volts
HVIL Returned current - Battery	30.60	mA
HV Battery Current Sensor 1 Hall High	-0.85	Amps
HV Battery Current Sensor 2 Hall Low	0.00	Amps
HV Battery Current HVBatCrnt	0.00	Amps
HV Cooling Speed Pump 1 Target	0	rpm
HV Cooling Speed pump 1 Speed	0	rpm
Charge indicator Temp	82	°F
BPCM temperature max	73	°F
BPCM temperature min	72	°F
Pump - Wire Open\Short to Gnd	PASS	
Pump - Dry Run Detection	PASS	
Pump - Overcurrent	PASS	
Pump - Overtemperature	PASS	
Pump - Switch Power Shorted	PASS	
Isolation Circuitry Va	2.510	Volts
Isolation Circuitry Vb	2.502	Volts
Isolation Circuitry Vd	0.000	Volts
WC and Circuitry 2.5V Reference Voltage	2.501	Volts
WC and Circuitry Vcc Voltage	4.990	Volts
WC and CircuitryISO 8V Reference Voltage	7.990	Volts
WC and Circuitry Weld Contactor Sensor G (Pack Negative) Voltage	381.4	Volts

Cycles left to self heal	40	No Unit
Fault trigger level 1	False	
Fault trigger level 2	False	
Fault trigger level 3	False	
Fault Path	01	
HV Battery Charge Power 2sec	83556	watts
HV Battery Charge Power 10sec	66438	watts
HV Battery Discharge Power 2sec	105123	watts
HV Battery Discharge Power 10sec	102789	watts
HV Battery Power	007530	watts
Key - DriveRdy (CAN)	True	
Battery Lifetime Number Of Closes	721	
Battery Full AmpHr Capacity	49	AmpHrs
Cell Impedance Max Discharge	0	mOhms
Cell Impedance Mim Discharge	0	mOhms
Battery Cell Voltage Maximum	4033	mV
Battery Cell Voltage Minimum	4016	mV
Battery Cell Voltage Average	4022	mV
Battery Cell Highest Cell number	87	
Battery Cell Lowest Cell number	36	
HV Battery Voltage (cell sum)	386.10	Volts
HV Battery Voltage (Module Sum)	385.90	Volts
HV Sensor A Pack Voltage	386.00	Volts
HV Sensor B Bus\Link (Pre-Fuse) Voltage	386.10	Volts
HV Sensor C OBCM (HVOBC Fuse) Voltage	386.00	Volts
HV Sensor D Heater (HVHTR Fuse) Voltage	386.00	Volts
HV Sensor G Weld Contactor(Pack Negative) Voltage	381.4	Volts
Battery Temperature Maximum Module	73	°F
Battery Temperature Minimum Module	72	°F
Battery Temperature Average Module	73	°F
Battery Temperature Highest Sensor number	07	
Battery Temperature Lowest Sensor number	10	
Battery Temperature Number of Failing Sensors	00	
HV Cooling Pump Relay Drive	Not Sourced	
HV Cooling Battery coolant inlet temp	75	°F
HV Cooling Battery coolant outlet temp	75	°F
HV Cooling OBCM temp inlet Temp	81	°F
Pump - Battery Coolant Level Low	False	
Isolation Vehicle Diagnostic Status	Run and Passed	
Isolation Vehicle Impedance	7.4750	Mega Ohms
Isolation Battery Diagnostic Status	Run and Passed	
Isolation Battery Impedance	0.8480	Mega Ohms
HV Bat SOH-R	3.1	%
HV Bat SOH-C	93.7	%

BPCM Sec Asic Reset Req	Not active	
BPCM Sec QA Error Counter	0	cnts
BPCM Sec MM Hw Reset Error Counter	0	cnts
BPCM Sec Asic Fault Input	Not active	
BPCM Sec CC Path Test Active	Not active	
BPCM L2 General Monitoring Flt Rsn	L2L1_CELL_MAX_V_CMP_FLT	
BPCM L2 CC Path Test Req	Undetermined	
BPCM L2 Contactor Dslb Req	Undetermined	
BPCM L2 ASIC Diagnostic Flt Rsn	ADCTest	
BPCM Sec HW Timer Status	Not active	
BPCM Sec Contactor State	PULLIN	
BPCM Main HW Timer Status	Not active	
BPCM Sec Asic Fault State	Undefined	
BPCM L2 SM Hw Reset Error Counter	0	No Unit
Engine Speed	0	rpm
Accelerator position	0.0	%
Real time clock	429496.7295	seconds
Real time clock-OS Task Delay Timer	0	
Real Time Clock Validity	True	
DTC	0C 77 00	
Test Failed	True	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	True	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Original Odometer Value	4464	miles
Most Recent Odometer Value	4464	miles
DTC Extended Data Record Number - 2	47	

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

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

Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Original Odometer Value	4467.0	miles
Most Recent Odometer Value	4467.0	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Real time clock	28971780	sec
RAM stamps keyOn	45	sec
RAM Stamps	75	Min
Accelerator Pedal Position	0	%
Brake Switch Status	Not Applied	
Engine Speed	0	rpm
HV Battery SOC	86	%
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	False	
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	77	°F
Motor B Temp Sensor	75	°F
Barometric Pressure	15	PSI
Engine Coolant Temperature	72	°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	-0.092	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	-0.092	Ft-Lbs
Available Motor Torque - Motor A	88.496	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Regen Torque - Motor A	-88.496	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	-4	AMP
Motor B - Inverter Current - phase C	-4	AMP
Motor B Resolver Angle	Not Programmed	Degree
Motor A Resolver Angle	Not Programmed	Degree
Electric Motor A Speed	0.0	rpm
Electric Motor B Speed	0.0	rpm
PIM DC Link Voltage - A	5	Volts

PIM DC Link Voltage - B	6	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_C19A_2003B0_RU_HCP__	
HCP SW Version	C19A	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Open	
APM Status	Idle	
Impact Event	False	
Outside Air Temperature	77.0	°F
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	11.664	Volts
Battery Feed Voltage 2 Sense	11.664	Volts
Battery Feed Voltage 3 Sense	11.664	Volts
Hybrid System State	SNA	
Inverter A IGBT Temperature for phase A	32	°F
Inverter A IGBT Temperature for phase B	32	°F
Inverter A IGBT Temperature for phase C	32	°F
Inverter B IGBT Temperature for phase A	32	°F
Inverter B IGBT Temperature for phase B	32	°F
Inverter B IGBT Temperature for phase C	32	°F
PHEV Charging Status	No Charging	
Distance Travelled with Light ON	0	miles
GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

FREEZE FRAME DATA

No Carb data available

No Freeze Frame #1 data available

No Freeze Frame #2 data available

No Freeze Frame #3 data available

No MisFire data available

No Most Recent DTC data available

EVENT DATA

No Event Data available

SNAPSHOT DATA SUMMARY

No Snapshot Data available for P0AA4-00

No Snapshot Data available for P0C77-00

No Snapshot Data available for P0A0A-00

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
BPCM	P0AA4-00	Hybrid/EV Battery Negative Contactor "A" Stuck Closed-	Active
BPCM	P0C77-00	HV Battery System Precharge Time Too Short-	Active
HCP	P0A0A-00	High Voltage System Interlock Circuit "A"-	Stored

CONFIGURATION

PCM CONFIGURATION

NAME	VALUE	UNITS
Secondary Mass Airflow Sensor Equipped	False	
Active Exhaust Pressure Sensor Equipped	False	
Electronic Parking Brake Equipped	True	
Active Exhaust Valve(s) Equipped	False	
High Side Port Tumble Valve Equipped	False	
Aux Coolant Pump Heater Equipped	False	
Heater Temp Control Valve Equipped	False	
Mechanical Coolant Pump Equipped	False	
Wastegate HBridge Equipped	False	
Remote Start Present	Present	
2.0 Liter I4 Direct Injection Engine	False	
Coolant On-Off Pump Equipped	Not Equipped	
1.0 Liter I3 Engine	False	
Primary Lin Alternator Equipped	Not Equipped	
Variable Valve Lift Equipped	Not Equipped	
Dual Fuel Tank Equipped	False	
Auxillary Coolant Pump Equipped	False	
Cooled EGR Equipped	False	
Dual Alternator Gen1 Capable	False	
A/C Relay Powered from Engine Switched Battery	False	
Supercharger Equipped	False	
Low Temp Radiator Coolant Pump Equipped	False	
PTO System Equipped	False	
CNG Large Gas Tank Equipped	False	
HPT 6-Speed Trans Equipped	False	
Hybrid MEC Shifter Equipped	False	
Engine Idle Shutoff Equipped	False	

ZF 9-Speed Trans Equipped	False	
MDS Equipped	False	
Variable Speed Fuel Pump Equipped	True	
ERS Equipped Indicator	False	
O2 Sensor Bank 1 Sensor 1 Equipped	True	
GPEC2 Equipped	False	
ESIM Equipped	False	
Intake Cam 2 Equipped	True	
Engine Stop Start Equipped	False	
Trans Skip Shift Equipped	False	
VFS Actuators Available Indicator	False	
Transmission Oil Heater Equipped	False	
Secondary Air Equipped	False	
3.5 Liter V6 Engine	False	
O2 Sensor Bank 2 Sensor 2 Equipped	True	
PWM Fan Motor System Equipped	True	
1 Speed Fan Mechanical Relay System Equipped	False	
Vehicle Speed Sensor #1 Calculated from CAN	False	
4.0 Liter I6 Engine	False	
6.1 Liter V8 Engine	False	
Active Engine Mount Equipped	False	
Primary Lin Alternator Equipped	False	
Auxiliary Heater Electric Water Pump Equipped	False	
Sensorless FFV Enabled	False	
Throttle Inlet Temp Sensor Equipped	False	
Electronic Automatic Transmission (EATX) Equipped	False	
WI4 Intake Flow Control Valve Equipped	False	
Wide Range O2 Sensor 1/1 Equipped	False	
2.7 Liter V6 Engine	False	
GPEC2A Equipped	True	
Auxiliary Coolant Pump Heater Equipped	Undefined	
Active Grille Shutter Equipped	True	
Cooled EGR Equipped	False	
GPEC4 Equipped	False	
Unleaded diesel fuel	False	
PTO System Equipped	False	
Supercharger Equipped	False	
WI4 Variable Valve Timing Equipped	True	
Oil Pressure Sensor Enabled	True	
Low Temperature Radiator Coolant Pump Equipped	False	
High Side Port Tumble Valve Equipped	Undefined	
Fiat VIN Learning Strategy Equipped	False	
ICC Cruise Equipped	False	
Starter Relay 2 Equipped	False	

ZF 9-Speed Transmission Equipped	False	
Next Gen Bus Equipped	False	
Humidity, Temperature and Pressure Sensor (LIN) Equipped	False	
3.0 Liter V6 Engine	False	
3.6 Liter V6 Engine	True	
Mechanical Coolant Pump Heater Equipped	False	
Active Exhaust Pressure Sensor Equipped	False	
VMM Equipped	False	
Dual Fuel Pressure Sensor Equipped	False	
Air Shutoff Valve Bank 1 Control Solenoid 2 Equipped	False	
Exhaust Cam 1 Equipped	True	
Trans Reverse Lockout Equipped	False	
Fan Wake Up Relay System Equipped	False	
66RFE / 68RFE	False	
Wastegate H-Bridge Equipped	Undefined	
Brake Pedal Sensor Equipped	False	
Viscosity Sensor Equipped	False	
Coolant On-Off Pump Equipped	False	
AC Equipped	False	
6.4 Liter V8 Engine	False	
Secondary Fuel Pump Equipped	False	
3.7 Liter V6 Engine	False	
Linear PWM Fan Relay System Equipped	False	
CMCV H-Bridge Equipped	Undefined	
Operator Idle Speed Request Equipped	False	
Tumble Generator Valve Equipped	False	
Electric Thermostat Heater Equipped	False	
CUSW PROXI Write Programming Support Enabled	False	
Electronic Throttle Control Equipped	True	
VLP Is Learnable Indicator	False	
AC Equipped Over Bus	False	
2.0 Liter WI4 engine	False	
1.0 Liter I3 Engine	False	
Electric Coolant Valve Equipped	False	
Engine Software In Package	True	
Adaptive Cruise Control Hardware Equipped	False	
Duty Cycle Purge Valve Equipped	True	
GPEC3 Equipped	False	
Air Shutoff Valve Bank 1 Control Solenoid 1 Equipped	False	
40TE / 41TE / 41TEA	False	
45RFE / 545RFE / 65RFE	False	
Coolant On-Off Valve Equipped	False	
Turbocharger Equipped	False	
EMAT (Getrag DCT transmission) Equipped	False	

Adaptive Cruise Control Equipped	False	
Dual Stage Oil Pump Equipped	True	
2.4 Liter WI4 engine	False	
Power Steering Switch Equipped	False	
O2 Sensor Bank 2 Sensor 1 Equipped	True	
Police Package Equipped	False	
3 Speed Fan Mechanical Relay System Equipped	False	
Engine Idle Shutoff Equipped	False	
Fixed displacement AC Equipped	True	
Clutch Interlock Switch Equipped	False	
Intake Cam 1 Equipped	True	
3.8 Liter V6 Engine	False	
Electronic Coolant Pump Equipped	False	
TIP Equipped	False	
Aisin 6-Speed RWD Transmission Equipped	False	
4 Speed Automatic Transmission Equipped	False	
Variable Displacement AC Equipped	False	
Active Exhaust Valve Equipped	False	
Exhaust Cam 2 Equipped	True	
Turbine Volute Valve Actuator Equipped	Undefined	
TOOLCONFIG_OIL_PRESS_ABS_EQUIPPED	True	
Buffered Crank Output for PHEV Engine Pulse Calculation Equipped	True	
Constant Heater Temperature Control Valve Equipped	False	
Continuous Variable Transmission Equipped	False	
3.3 Liter V6 Engine	False	
Brushless PWM Fan Equipped	NOT_FAN_PWM_BOSCH_BRUSHLESS_CNFG	
Electric Water Pump Equipped	False	
1.8 Liter WI4 engine	False	
4.7 Liter V8 Engine	False	
Compressed Natural Gas Equipped	False	
3.2 Liter V6 Engine	False	
Vehicle Speed Sensor #1 Calculated by ECU	False	
SRV Equipped	False	
62TE	False	
Battery Temp Sensor Equipped	False	
HPT 6-Speed Transmission Equipped	False	
DUAL_ALTERNATOR_GEN1_LEARNEDCOPY	False	
CUSW (29-Bit) Equipped	False	
Inrush Current Reduction Relay Equipped	False	
Dual Speed Fuel Pump Equipped	False	
CUSW (11-Bit) Equipped	False	
Shift Indicator Lamp Equipped	False	
VLP Equipped Indicator	False	
2 Speed Fan PWM Relay System Equipped	False	

4 Button Integrated Cruise Control	False	
Direct Injection Equipped	False	
Electronic Vacuum Pump Equipped	False	
Air Shutoff Valve Bank 2 Control Solenoid 2 Equipped	False	
Hybrid Electric Vehicle Equipped	True	
6.2 Liter V8 Engine	False	
5.7 Liter V8 Engine	False	
Wide Range O2 Sensor 2/1 Equipped	False	
Cummins Equipped	False	
Fiat 940 Compact Equipped	False	
A/C Equipped	False	
Knock Sensor 1 Equipped	True	
Yaw Rate Sensor ESC Equipped	False	
Unleaded Gasoline Fuel	True	
Port Flap Valve Equipped	False	
Barometric Sensor Equipped	False	
Auxiliary Coolant Pump Equipped	False	
O2 Sensor Bank 1 Sensor 2 Equipped	True	
42RLE	False	
MTV Solenoid Equipped	False	
Rear Heater Equipped	False	
Transmission Software Included	False	
O2 Sensor Bank 1 Sensor 3 Equipped	False	
ETC Cruise equipped	False	
Dual Fuel Tank Equipped	False	
2 Speed Fan 3 Driver 3 Relay System Equipped	False	
MultiAir Equipped	False	
Linear EGR Equipped	False	
Powernet Equipped	True	
Linear Purge Equipped	False	
Buffered Crank Output for ANC (Active Noise Cancellation) Equipped	True	
2 Speed Fan Mechanical Relay System Equipped	False	
Knock Sensor 2 Equipped	True	
Engine Oil Heater Cooler Equipped	True	
Bi-Directional Crank Sensor Equipped	True	
Dual Fuel Pressure Sensor Equipped	False	
CUSW 4-Button Cruise Equipped	False	
Make Up Air Sensor Equipped	False	
Cylinder Pressure Sensor Equipped	False	
Throttle Inlet Temp Sensor Equipped	False	
5 Button Cruise (LIN) Equipped	True	
Brake Pedal Sensor Equipped	False	
Power Steering Angle Sensor Mandatory	False	
INTAKE O2 SENSOR EQUIPPED	False	

LIN Humidity, Temp, and Pressure Sensor Equipped	False	
Operator Idle Speed Request Equipped	False	
SWAP HARDWIRED BRAKE SWITCH INPUTS	False	
Clutch Sensor Equipped	False	
Mass Airflow System Equipped	False	
Engine Oil Pressure Sensor Type	255	None

ICS CONFIGURATION

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

RFH CONFIGURATION

NAME	VALUE	UNITS
Hardware Configuration: Trunk Door Handle H/W	Simple Switch AP	
Hardware Configuration: Remote Start Antenna	Present	
Hardware Configuration: Front Right Door Handle H/W	Serial AP	
Hardware Configuration: Front Left Door Handle H/W	Serial AP	
Hardware Configuration: Rear Right Door Handle H/W	No AP	
Hardware Configuration: Rear Left Door Handle H/W	No AP	
Valid Key In Ignition	Yes	
Fob Location #3 Successfully Programmed	No	
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 NOT 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 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	False	
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	False	
Dynamic Steering Torque Feature Active	True	
Lane Feedback Feature Active	False	

ANC CONFIGURATION

NAME	VALUE	UNITS
Premuim - 2 (12 Channel)	False	
Premuim - 1 (8 channel)	False	
Premium - 3 (SRT8)	True	
Door Module - Left Rear	Present	
NetCFG Stat AT, I, PT	Request Data	
Door Module - Right Front	Present	
Door Module - Right Rear	Present	
Door Module - Left Front	Present	
Current ANC Calibration ID - Service	Harman ANC Module 3.6L	
ANC Calibration Date - Year	18	
ANC Calibration Date - Patch	4	
ANC Calibration Date - Week	45	
Left/Right Hand Drive	SNA / Not Programmed	
ANC Status	Off - Door Mute	

HVAC CONFIGURATION

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

CSWM CONFIGURATION

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

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	False	
Rear System with 6 Front Sensors	False	

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	Service	
ECU Configuration 10	4	
Vehicle Config CSM1	4	
ECU Configuration 11	4	
ECU Configuration 6 (Brake)	4	
ECU Configuration 5 (Wireless)	4	
Programmed ECUs: P/T Chassis Network	4	
ECU Configuration 15 (Suspension)	4	
Programmed ECUs: Hybrid LAN Network	0	
ECU Configuration 8 (LIN and Miscellaneous)	4	
ECU Configuration 9A	4	
Vehicle Configuration 2 - Write Counter	4	
Vehicle Configuration 7 - Write Counter	4	
ECU Configuration 6 (Safety)	4	
ECU Configuration 2 (CBC Features)	4	
Vehicle Configuration 5 - Write Counter	4	
Programmed ECUs: Cabin Network	4	
Vehicle Configuration Auto Write Counter	1	
ECU Configuration 3	4	
ECU Configuration 7 (CBC Exterior Lighting Calibrations)	4	
ECU Configuration 12	4	
ECU Configuration 9 (ITM)	4	
ECU Configuration 1 (CBC Configurable Inputs and Outputs)	4	
ECU Configuration 14	4	
Vehicle Configuration 6 - Write Counter	4	
ECU Configuration 13	4	
ECU Configuration 5 (Memory)	4	
Vehicle Config CSM2	4	
ECU Configuration 15 (CBC Features)	4	
Programmed Network Configuration - Audio / Telematics Network	0	
Vehicle Configuration 4 - Write Counter	4	
ECU Configuration 6 (Powertrain)	4	
ECU Configuration 6 (Suspension)	4	
ECU Configuration 5 (Doors)	4	
ECU Configuration 4	4	
Vehicle Configuration 3 - Write Counter	4	
Last Configuration Odometer	4464	miles
Vehicle Configuration 1 - Write Counter	4	
Emode Present	Not Set	
PTS Configuration	Rear / REAR	
Model Year	2020	
Vehicle Line	RU	

Hill Descent Feature Present	Not Set	
Body Style	Station Wagon	
Shifter Type	5 Position Rotary Eshifter PRNDL / Type RS5L	
Auto Highbeam	Not Set	
Drive Configuration	2WD Front	
Country Code	USA	
Special Packages	74	
Remote Start Present	Set	
Select Speed Control Feature Present	Not Set	
Left/Right Hand Drive	Left Hand Drive	
Performance Pages Present	Not Present	
Maximum Vehicle Speed	0	MPH
Max Load Inflation Pressure Rear Tire	36.0	PSI
Special Packages IC	Pacifica	
Power Inverter Type	No Power Inverter	
Cruise Feature is Present	Set	
Max Load Inflation Pressure Front Tire	36.0	PSI
Off Road Capable	Not Set	
Air Conditioning Present	Not Set	
Rain Sensor Present	Not Set	
Flipper Glass Present	Not Set	
SKIM System Present	Not Set	
Full Size Spare	Not Set	
Thatcham Present	Not Set	
Display Outside Temperature Present	Set	
Keyless Go Present	Set	
Vehicle is an SRT	Not Set	
Two Fuel Sending Units Present	Not Set	
Display Compass Heading Present	Set	
Wheel Base	Wheel base not programmed / WB_NP	
Auto Headlamp Feature Present	Set	
Premium TPM system present	Set	
Police Lighting Feature	Not Set	
Window Express Feature Configuration	Front windows express only	
Vehicle Brand	Chrysler	
Auto Park Present	Set	
T-Case Type	Not Present / Not Present	
Adjustable Pedal Feature Present (non-Memory)	Not Set	
Forward Collision Warning present	Not Set	
Paddle Shift Feature Present	Not Set	
Power Right Sliding Door Present	Set	
Disable Display of Radio Clock	Not Set	
FOBIK Safe Enable	Set	

Chassis Type	Type 9	
Fuel Capacity	17	gallons
ELV Present	Not Set	
Door Alert Feature Present	Not Set	
Passive Entry Present	Set	
RKE System Present	Set	
Secondary Lock Present	Not Set	
HVAC Configuration	Dual Zone ATC + Rear	
Sport Mode Present	Not Set	
ESCL system present	Not Set	
High Intensity Discharge Head Lamps	Not Set	
Collision Mitigation System present	Not Set	
Power Left Sliding Door Present	Set	
Liftgate/Trunk Type	Power Liftgate	
Base TPM system present	Not Set	
Transfer Case High Ratio	1.000	No Unit
Transfer Case Low Range Reduction Ratio	0.000	
Dynamic Tire Circumference (All or Rear)	89	inch
Axle Ratio	3.251	
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 E Pin 29: Rear Wiper Motor Park Signal Present	Set	
Connector D Pin 11: Stop/Turn Trailer Tow Left Output Present	Not Set	
Connector E Pin 9: Run-ACC Y Relay #2 Output Present	Set	
Connector G Pin 9: Ambient Light Dimmer Wheel Input Present	Set	
Connector E Pin 5: PHEV Fuel Door Switch Input	Set	
Connector G Pin 24 (Internally tied to Connector F Pin 7): Ambient Lighting Output	Not Set	
Connector F Pin 6: Fuel Door Motor Output Signal Present	Set	
Connector D Pin 15: Left Dedicated DRL Lamps Output Present	Set	
Connector A Pin 11: Hood Ajar Switch Input Present	Set	
Connector E Pin 4/Connector F Pin 32: Rear Park Lamps Output 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 7: Left HID Relay Control Output Present	Not Set	
Connector D Pin 10: Trailer Tow Tail Lamp Output Present	Not Set	
Connector G Pin 15: UGDO Feed Output Present	Set	
Connector F Pin 29: Horn Switch Present	Set	
Connector A Pin 1 and Connector D Pin 13: Front Fog 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 G Pin 22: VTA Warning LED Output Present	Set	
Connector F Pin 9: Analog Door Ajar Signal Front Driver Present	Set	

Connector E Pin 11: Vacuum Switch Input	Not Set	
Connector A Pin 10/Connector D Pin 5: Side Markers Output Present	Set	
Connector E Pin 42: Charge Port Lock Output Present	Set	
Connector E Pin 41: Charge Port Unlock Output Present	Set	
Connector A Pin 22: Right Dedicated DRL Lamp 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 D Pin 12: PHEV ECM Hardwire Wake Up Output Present	Set	
Connector F Pin 23: Door Lock Switch Signal Front Passenger Present	Set	
Connector D Pin 7: Stop/Turn Trailer Tow Right Output Present	Not Set	
Connector D Pin 22/ Connector D Pin 23: Ambient Temperature Signal/Return Present	Set	
Connector D Pin 9: Trailer Tow Backup Output Present	Not Set	
Connector E Pin 39/Connector F Pin 5: Rear Fog Lamps Output Present	Not Set	
Connector F Pin 4: Liftgate Release Present	Not Set	
Connectro E Pin 37: Right HID Control Output Present	Not Set	
Connector F Pin 35: Inverter Enable Relay Output Present	Not Set	
LED Rear Turn Lamps Present	Not Set	
Front Wiper Wipes After Wash	2 Wipes	
Fuel Door Release Enabled	Not Present	
Quad Headlamps Enable	Set	
Reversible Washer Pump Enable	Set	
DRL Dropout Enable	Set	
Park Lamp Loadshed Enable	Set	
LED Stop Lamps Present	Not Set	
Headlamp Washer Low Fluid Shut-Off Enable	Set	
Hazard Lamp Configuration	Latching Switch	
LED Tail Lamps Present	Set	
Bi Xenon Headlamps Enable	Not Set	
Front Fog Lamp Dropout Enable	Set	
LED Low Beam Lamps Present	Not Set	
Headlamp Wash Interval	wash cycle#11	
LED Dedicated DRL Present	Set	
Wiper Service Position Enabled	Not Set	
Illuminated approach Enabled	Not Set	
Front Wiper Park Enable	Set	
LED License Lamps Present	Set	
Horn Chirp Allowed	Set	
Fuel Door Present	Not Set	
Combined Front Park/Turn Feature Enable	Not Set	
DRL Configuration	No DRL	
DRL Lamp Location	Dedicated	
Rear Wiper Park Enable	Set	
Combined Rear Lighting Enable	Set	
LED Reverse Lamps Present	Not Set	

Intermittent Wiper States	4 Intermittent Wiper position Switch	
Headlamp Wash Shot	double	
LED Rear Fog Lamps Present	Not Set	
Trailer Tow Present	Not Set	
Tip Start Enabled	Set	
LED Front Turn Lamps Present	Not Set	
Side Repeaters Enable	Not Set	
LED Front Park/Marker Lamps Present	Set	
Headlamp Wash Spray Duration (at 100 ms intervals)	1100ms	
One Touch Lane Change	Set	
Tunnel Detection	Not Set	
Dual Start Relay System Present	Not Set	
Exterior Light Loadshed Enable	Set	
LED Front Fog Lamps Present	Not Set	
LED CHMSL Lamp Present	Set	
LED High Beam Lamps Present	Not Set	
Destination	United States of America	
Surround Sound Feature Present	Not Set	
Power Door Locks Present	Set	
Microphone Type	Peiker 300 mv	
Heated Steering Wheel Present	Set	
Power Inverter Present	Not Set	
Disable CD Eject	Not Set	
Cabin Equilization Curve Number	6 Speaker Base (RU)	
Antenna Type	Active Primary and no secondary antenna	
Splashscreen Type	Vehicle Brand	
Microphone Configuration	2 Microphones	
External Port Type	AUX + USB	
Microphone Tuning Parameter	Absent [Not Used]	
Front Park Assist Present	Set	
Front Heated Seats Present	Set	
Rear Camera Present	Set	
Fleet Vehicle Content	Not Set	
AP5 Trunk Lock	Simple Switch	
AP2 Right Front	Smart Switch	
Vehicle Variant	Undefined	
Tip Start Present	Set	
AP4 Right Rear	CAN	
Airport Scenario Trunk	Not Set	
AP1 Left Front	Smart Switch	
AP3 Left Rear	CAN	
AP5 Trunk Unlock	CAN	
Heated Mirrors Present	Set	

Blindspot Mirror Present	Set	
Frameless Window Present	Not Set	
Sun Shade	Not Set	
Global Up	Not Set	
Folding mirrors present	Not Set	
Electro-chromatic passenger mirror present	Not Set	
Window Motor Type	Not Set	
Global Down	Not Set	
Passenger Window Lockout	Not Set	
Tow Mirror Present	Not Set	
Passenger Memory Mirror Present	Not Set	
Rear Door Pre Short Drop	Not Set	
Electro-chromatic driver mirror present	Not Set	
Driver Memory Mirrors Present	Not Set	
Window Hall Sensors Present	Not Set	
Mirror turn signals present	Not Set	
Puddle Lamp Present	Not Set	
Heated Steering Wheel Present	Present	
Tilt/Telescope Steering Present	Not Set	
Memory Adjustable Pedals Present	Not Set	
Driver Memory Seat Present	Not Set	
Heated Seat Material Type	Perforated Leather	
Stow 'n Assist Present - Driver	Not Set	
Stow 'n Assist Present - Passenger	Not Set	
Rear Heated Seats Present	Not Present	
Front Vented Seats Present	Not Present	
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	
Connector F Pin 13: Left Sliding Door Switch Input (B-Pillar)	Left B-Pillar sliding Door Switch	
License Plate Lamp Disable	Not Set	
Connector G Pin 2: Fog Lamp Switch Input	Fog Lamp Switch	
Connector F Pin 34: Spare HSD	Not Present	
Connector F Pin 16: Passenger Door Lock Switch Input	Not Present	
Auto High Beam Module Location	None	
Engine Off Clear Time	180	Time
Connector F Pin 30: Fuel Door Lock (BUX)	Not Present	
Heatsoak Speed	15	Counter
Connector D Pin 8: Digital Spare Input #2	Not Present	
Ambient Stable Counter Limit	40	Counter
Max Engine Off Time	220	Time
Connector F Pin 29: Horn Switch Present	Horn Switch Input	
Connector F Pin 37: Vacuum Cleaner Power Saver Indicator	Not Present	

Connector E Pin 48 (Tied internally to Connector A Pin16): Rear Wiper Motor Control Output Present	Rear Wiper (0)	
Humidy Sensor Long Present	Set	
Connector E Pin 3: Left Rear Turn Signal	Left Rear Turn Signal	
Connector F Pin 14: Right Sliding Door Switch Input (B-Pillar)	Right B-Pillar Sliding Door Switch	
Connector G Pin11/Connector G Pin 12: Not Used	ERS	
Connector E Pin 28: Secondary Door Ajar Switch Present - PIN E-28	Set	
Manual Door Locks Present	Not Set	
Heatsoak Flush Time	105	Time
Rain Sensor Module #2 Present	Not Set	
CHMSL Lamp Output Disable	Not Set	
Conncetor F Pin 33: Fuel Door Unlock (BUX)	Not Present	
Connector E Pin 39: Right Rear Turn Signal	Right Rear Turn Signal	
Connector F Pin 15: Driver Door Lock Switch Input	Not Present	
Connector D Pin 4: Digital Spare Input #1	Not Present	
Heatsoak Set Time	15	Time
Steering Smoothing Factor	Filter Off	
Nose Dive Threshold	Filter Off	
Brake Smoothing Factor	Filter Off	
Average Last Longitudinal Acceleration Values	No Averaging	
Excess Lateral Acceleration Factor	Filter Off	
Brake Smoothing Duration	Filter Off	
Steering Smoothing Duration	Filter Off	
Maximum Lateral Change	Filter Off	
Acceleration Threshold	Filter Off	
Nose Dive Factor	Filter Off	
Excess Longitudinal Acceleration Factor	Filter Off	
Brake Smoothing Threshold	Filter Off	
Acceleration Factor	Filter Off	
Average Last Lateral Acceleration Values	No Averaging	
Steering Smoothing Threshold	Filter Off	
Maximum Longitudinal Change	Filter Off	
VTA Hood Ajar Monitoring	Not Set	
RKE Auto-Relock Feature Enable	Not Set	
PE Auto-Relock Feature Enable	Set	
Auto High Beam ON Threshold	25 km/hr	
Auto High Beam OFF Threshold	20 km/hr	
Interior Lighting Night Threshold	4.45147	Volt
Interior Lighting Day Threshold	4.27498	Volt
Headlamp Soak Delay	1.0 sec	
Horn Chirp Duration	Short	
Parking Light Enable	Not Set	
Smart Alternator Present	Not Set	
Temperature Display Resolution	HaLF	

TPMS Configuration	Logic 1 NHTSA Enable Warning	
Sunroof Present	Not Set	
ANC Calibration Parameter Data Set	Non Amplified 3.6L PHEV	
Radio Speaker Open Circuit Disable (RF)	Set	
Drive Mode Version	Version 1	
Auto Dimming Mirror Hard Button Present	Set	
Radio Speaker Open Circuit Disable (LF)	Set	
Radio Speaker Open Circuit Disable (LR)	Set	
Radio Speaker Open Circuit Disable (RR)	Set	
Automatic Crash Notification Feature Present	Undefined	
Show Phone Information in Cluster	01	
Surround View Camera On/Off Softkey Present	Not Set	
Park Assist Tuning Set	Sahara	
3rd Row Lock CSO	Not Set	
Siren	Not Set	
Ultrasonics	Not Set	
Tilt	Not Set	
ESC	Set	
HCP	Set	
AHCP	Set	
ESM	Set	
ORC	Set	
APM	Set	
ECM	Set	
BPCM	Set	
OBCM	Set	
EAC	Set	
EBCM	Set	
CVPM	Not Set	
VRM	Not Set	
MSMP	Not Set	
AMP	Not Set	
HVAC	Set	
PDM	Set	
VTM	Not Set	
DDM	Set	
EOMR	Set	
EDM	Not Set	
ITM	Not Set	
DMRR	Set	
MSM	Not Set	
HVACR	Set	
EAM	Not Set	
ICS	Set	

DSM	Set	
PSDML	Set	
ANC	Set	
BCM (Interior Bus)	Set	
DTV	Not Set	
FSM	Not Set	
DMRL	Set	
PLGM	Set	
HSM	Set	
PSDMR	Set	
Radio	Set	
Compass Mounting Angle	0	Degree
IBS Present	Set	
Auto Relock Time	60	seconds
Fobik Safe Alerts Per Ignition Cycle	2	
Illuminated Approach Headlamp Target Percentage	125 (62.5%)	
Humidity Sensor Present	Set	
Illuminated Approach Taillamp Target Percentage	125 (62.5%)	
Illuminated Approach Interior Lighting Ramp Up Time	130(2600ms)	
Alert no Reply	Set	
Alert On Search Timeout	Set	
Alert On System Fault	Set	
Illuminated Approach Interior Lighting Target Percentage	100(50%)	
OHC Module Present	Set	
Washer Fluid Level Voltage Threshold	4.46 volts	
EVIC SWS Module Present	Set	
CRVMM Present	Set	
HFRM Present	Not Set	
VTA System Present	VTA	
Panic Enable	Set	
Compass Mounting Orientation	Rightside up	
Connector F Pin 41: Backup-Reverse lamp Left	Set	
Connector E Pin 7: Left HID Relay Control	Left HID Lamp Relay	
Connector D Pin 12: PHEV ECM Hardwire Wake Up	Engine Control Module Wake up (PHEV only)	
Connector D Pin 11: Stop/Turn Trailer Tow Left Output Present	Reserved	
Connector A Pin 11: Hood Ajar Switch Signal	500 ohm series and 500 ohm parallel resistors	
Connector D Pin 21: Brake Fluid Level Switch	no parallel resistor	
Connector E Pin 1: Backup-Reverse lamp Right	Set	
Connector E Pin 37: Right HID Relay Control	Right HID Lamp Relay	
Connector F Pin 5: Left Rear Fog Lamp	Output Disable	
Connector E Pin 3: Left Rear Turn Signal	Left Rear Turn Signal	
Connector F Pin 31: Right Sliding Door Ajar	Right Sliding Door Ajar	
Connector F Pin 28: Right Rear Turn Lamp Fault Sense	Disable	

Connector F Pin 4: Liftgate Release	Trunk/Liftgate Release	
Connector F Pin 42: Right Rear Turn Signal	Right Rear Turn Signal	
Connector F Pin 25: Left Rear Turn Lamp Fault Sense	Disable	
Stop/Start Enable Switch Present	Not Set	
Connector A Pin 2: Right High Beam Feed	Right High Beam (0)	
Connector D Pin 1: Left High Beam Feed	Left High Beam (0)	
Connector F Pin 27: Left Sliding Door Ajar	Left Sliding Door Ajar	
Connector E Pin 5: E-5 PHEV Fuel Door Switch Input	PHEV Fuel Door Switch	
Connector E Pin 39: Right Rear Fog Lamp	Output Disable	
Connector E Pin 29: Rear Wiper Motor Park Signal	Reserved	
Connector F Pin 29: Horn Switch Input	Horn Switch Input	
Passive Ped Pro Present	False	
Tow Hooks Present	False	
1st Row Seat Side Airbags Present	True	
Passenger Kneebag Present	True	
BUX Market	False	
ODS Present	False	
Curtain Airbags Present	True	
Driver Kneebag Present	True	
Integrated EPP Present	False	
IPC	Set	
ESM	Set	
ORC	Set	
BCM (PT)	Set	
SCCM	Set	
ACC	Not Set	
PCM	Set	
PTS	Set	
EPS	Set	
RFH	Set	
AHLM	Not Set	
ESL	Not Set	
FFCM	Not Set	
ABSO	Set	
OCM	Set	
ABS	Not Set	
TCM	Not Set	
HCP	Set	
Accessory Delay Time	45	seconds
Sliding Door Chime Enable	Set	
Sliding Door Alert	Not Set	
Auto Unlock	Set	
Headlamps on with Wipers	Set	
Flash Lamps on Lock	Set	

Daytime Running Lamps	Set	
Auto Wipers	Not Set	
Sound Horn On Lock Status	Chirp on 1st press/FIRST	
Hands Free Sliding Door Enable	Set	
Sound Horn on Remote Start	Set	
Auto Lock	Set	
Unlock all doors on 1st press	Set	
Sound Horn on Lock	Set	
Illuminated Approach Time	30	seconds
Headlamp Delay Time	30	seconds
Auto Highbeam	Not Set	
IBS Quiescence Current Limit	-250	mA
IBS Minimal Charge Limit	10	AmpHrs
IBS Minimum Voltage Limit	5.0	Volts
Battery Type II	255	
Battery Types	SNA	
IBS Activate MWU	Not Set	
IBS Minimum Charge Limit	600	mA
Front Park/Turn Voltage	Park to Turn ratio 55 Percent	
Left Front Corner Voltage	13.2 Volts	
Left Low Beam Voltage Regulation	13.6 Volts	
Right High Beam Voltage Regulation	13.8 Volts	
Left Rear Corner Voltage	14 Volts	
Left High Beam Voltage Regulation	13.6 Volts	
Right Rear Corner Voltage	14 Volts	
Right Low Beam Voltage Regulation	14 Volts	
Auto Headlamp On Threshold	3.31409	Volt
Auto Headlamp Off Threshold	2.54930	Volt
Right Front Corner Voltage	13.4 Volts	
Rear View Camera Static Grid Lines Enabled	Not Set	
Rear View Camera Dynamic Grid Lines Enabled	Set	

RADIO CONFIGURATION

NAME	VALUE	UNITS
Compass on the bus messaging Authorization	Allowed	
GPS on the Bus messaging Authorization	Allowed	
Satellite Subscription Suspend Day	01	
Satellite Subscription Reason Code	00	
Satellite Subscription Suspend Year	46	
Satellite Subscription Suspend Month	01	
Satellite Subscription Status	Subscribed	
Satellite Subscription ID	5EPLKDHW	
Aux Jack	Not Inserted	
USB Hubs Detected	1	No Unit

SD Card Readers Detected	0	No Unit
Enumerated USB Devices	0	No Unit
DTV Short Term Configuration	—	
911 Button	On	
SDARS	True	
Internal CD Player	False	
Application Framework	True	
Bluetooth	True	
Navigation Active	True	
FM Diversity	False	
Cellular	True	
Wi-Fi	True	
Splash Screen	Chrysler	
Anti-Theft Enable Status	On	
Automated Loudness	On	
Front Seat Video Playback	Enabled	
Clock Defeat	Off	
Cabin EQ Curve Number Currently Used by Radio	00	
12/24 Time Selection	12 Hour Time	

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	

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 9	
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	

RECALLS

RECALL #	DESCRIPTION	STATUS

FLASHES



CUSTOM REPORT

Vehicle 2020 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
VIN [redacted]

Odometer 4467.0 miles
Publication Date Aug 18, 2021, 2:34:12 PM

ECU DETAILS

PCM DETAILS

NAME	VALUE
VIN Current	2C4RC1L71LR270622
Odometer When Original VIN First Written	2668768948.7216
ECU Part Number	68444229AE
Variant ID	44
Software Version (Major/Middle/Minor)	46 03 01
Supplier ID	Motorola
Hardware Version (Major/Minor)	1B 47
Diagnostic Version	19
Vehicle Line	2D
Model Year	20
Country Code	USA
Body Style	Station Wagon
VIN - Original	[redacted]
Serial Number	T00EP2200IV529

ICS DETAILS

NAME	VALUE
VIN Original	[redacted]
VIN Current	[redacted]
Body Style	Station Wagon
Model Year	2020
Country Code	USA
Vehicle Line	RU
HW - Patch Level	00
HW - Year	0F
HW - Week	12
SW - year	18
SW - Patch Level	0
SW - week	37

Active Diagnostic Variant	44
Active Diagnostic Version	00
ECU Software Mode	Running in Application
ECU Serial Number	T176010101
Software Supplier Identification	Panasonic
ECU Part Number	6UX601X8AA
Hardware Supplier Identification	Panasonic

RFH DETAILS

NAME	VALUE
IAC Data	—
Hardware Version - Week	17
Hardware Version - Patch Level	00
Hardware Version - Year	10
ECU Part Number	68453559AB
ECU Serial Number	T01Z22070B1533
Software Version - Week	09
Software Version - Year	13
Software Version - Patch Level	00
Hardware Part Number	16135703AC
Hardware Supplier	Continental
VIN Current	[redacted]
Body Style	station wagon / BODY_WAGON
Vehicle Line	RU
Country Code	USA / USA
Model Year	2020
Active Diagnostic Version	00
Active Diagnostic Session	Extended
ECU Software Mode	Running in Application
Active Diagnostic Variant	4A
Software Supplier	Continental
VIN Original	[redacted]

ESM DETAILS

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

ORC DETAILS

NAME	VALUE
Active Diagnostic Variant	43
Active Diagnostic Version	01
Body Style	Station Wagon

Vehicle Line	RU / VEH_RU
Model Year	2020
Country Code	USA / USA
ECU Serial Number	T04JF2110G01B3

EPS DETAILS

NAME	VALUE
Vehicle Line	RU / VEH_RU
Body Style	Station Wagon
Country Code	USA / USA
Model Year	2020
HW - Week	42
HW - Year	2018
HW - Patch Level	00
VIN Current	[redacted]
Active Diagnostic Version	02
Active Diagnostic Variant	45
SW - Patch Level	01
SW - year	2018
SW - week	30
VIN Original	[redacted]
ECU Part Number	68460392AA

ANC DETAILS

NAME	VALUE
Hardware Part Number	68440556AB
ECU Part Number	68440556AB
EQ Software Version	048800
ECU Serial Number	4221AJ21200080
Active Diagnostic Variant	42
Active Diagnostic Version	10
VIN Current	[redacted]
Country Code	USA
Model Year	2020
Vehicle Line	RU
VIN Original	[redacted]

HVAC DETAILS

NAME	VALUE
VIN Current	[redacted]
ECU Part Number	68447893AC
VIN Original	[redacted]
Body Style	Station Wagon
Country Code	USA

Model Year	2020
ECU Serial Number	TEA290830P03
Active Diagnostic Version	01
Active Diagnostic Variant	44

DDM DETAILS

NAME	VALUE
ECU Part Number	68424451AC
Active Diagnostic Version	02
Active Diagnostic Variant	42
VIN Original	[redacted]
VIN Current	[redacted]

PDM DETAILS

NAME	VALUE
Serial Number	TRU4C220000020
Active Diagnostic Variant	42
Active Diagnostic Version	02
Active Diagnostic Session	Default
Gateway	False
ECU Part Number	68424450AC
VIN Current	[redacted]
VIN Original	[redacted]
Model Year	2020
Country Code	USA
Vehicle Line	RU

DMRL DETAILS

NAME	VALUE
Hardware Part Number	68225096AG
Software Part Number	68225096AG
Active Diagnostic Variant	42
Active Diagnostic Version	01
Body Style	Station Wagon
Vehicle Line	RU / VEH_RU
Model Year	2020
Country Code	USA / USA
VIN Original	[redacted]
VIN Current	[redacted]
ECU Part Number	68225096AG

DMRR DETAILS

NAME	VALUE
ECU Part Number	68225096AG

Active Diagnostic Variant	42
Active Diagnostic Version	01
Software Part Number	68225096AG
VIN Current	[redacted]
Hardware Part Number	68225096AG
VIN Original	[redacted]
Country Code	USA / USA
Body Style	Station Wagon
Model Year	2020
Vehicle Line	RU / VEH_RU

PSDML DETAILS

NAME	VALUE
VIN Original	[redacted]
Vehicle Line	RU / VEH_RU
Country Code	USA / USA
Body Style	Station Wagon
Model Year	2020
ECU Part Number	68369596AD
Hardware Supplier Identification	Delphi
VIN Current	[redacted]
Active Diagnostic Variant	40
Active Diagnostic Version	01

PSDMR DETAILS

NAME	VALUE
VIN Current	[redacted]
VIN Original	[redacted]
Active Diagnostic Version	01
Active Diagnostic Variant	40
Vehicle Line	RU / VEH_RU
Country Code	USA / USA
Body Style	Station Wagon
Model Year	2020
Hardware Supplier Identification	Delphi
ECU Part Number	68369596AD

PLGM DETAILS

NAME	VALUE
Serial Number	TPLUF217001018
Chrysler Group Software Number	68316094AF
Model Year	2020
Country Code	USA
Vehicle Line	RU

Body Style	Station Wagon
Active Diagnostic Variant	42
Active Diagnostic Version	02
Chrysler Group Hardware Number	68316094AF
Hardware Supplier Identification	Continental

CSWM DETAILS

NAME	VALUE
ECU Part Number	68434910AC
Software Part Number	68434910AC
Software Logical Block Supplier Identification	Continental
Hardware Supplier Identification	Continental
Active Diagnostic Variant	43
ECU Software Mode	Running in Application
Gateway	False
Active Diagnostic Version	02
Vehicle Line	RU
Body Style	Station Wagon
Model Year	2020
Country Code	USA
VIN Current	[redacted]
Hardware Part Number	68434910AC

IPC DETAILS

NAME	VALUE
Software Supplier Identification	Nippon Seiki (NS Intl)
ECU Serial Number	TCL230000356
Active Diagnostic Variant	47
Active Diagnostic Version	04
Software - Week Block #0	11
Software - Year Block #0	2020
Software - Patch Level Block #0	00
Model Year	2020
Vehicle Line	RU
Country Code	USA / USA
Body Style	Station Wagon
Hardware Part Number	68434956AD
Hardware Supplier Identification	Nippon Seiki (NS Intl)
VIN Original	[redacted]
VIN Current	[redacted]
Hardware - Patch Level	00
Hardware - Week	6
Hardware - Year	2018
Software Logical Block #0 Part Number	68434954AD

ECU Part Number	68434956AD

PTS DETAILS

NAME	VALUE
Country Code	USA
Model Year	2020
Body Style	BODY_WAGON
Vehicle Line	RU
Serial Number	T00FF218000090
ECU Part Number	68193772AJ
VIN Original	[redacted]
Hardware Supplier Identification	Bosch
Active Diagnostic Session	Default
Active Diagnostic Variant	43
Active Diagnostic Version	11
ECU Software Mode	Running in Application
SW Part Number	68193772AJ
HW - Year	2014
HW - Week	50
HW - Patch Level	00
SW - week	31
SW - year	2018
SW - Patch Level	00
Software Supplier Identification	Bosch
VIN Current	[redacted]

SCCM DETAILS

NAME	VALUE
ECU Serial Number	S22000647
Hardware Part Number	10333273AA
SW - year	19
SW - Patch Level	0
SW - week	41
Hardware Supplier Identification	Kostal
Software Logical Block Supplier Identification	Kostal
VIN Current	[redacted]
Vehicle Line	RU
Model Year	2020
Country Code	USA
Body Style	BODY_WAGON
ECU Part Number	68360889AD
Software Logical Block #0 Part Number	10306803AB
VIN Original	[redacted]
HW - Week	40

HW - Patch Level	0
HW - Year	19
Active Diagnostic Version	1
Active Diagnostic Variant	43
ECU Software Mode	Running in Application

BCM DETAILS

NAME	VALUE
Software Logical Block Supplier Identification	Continental
Country Code	USA
Software Logical Block #0 Part Number	68424602AF
VIN Original	[redacted]
Active Diagnostic Variant	44
ECU Software Mode	Running in Application
Active Diagnostic Version	15
Hardware Supplier Identification	Continental
ECU Serial Number	TYH163000391
ECU Part Number	68424601AF
Ignition Run Start	Run/Start
VIN Current	[redacted]

RADIO DETAILS

NAME	VALUE
Hardware Part Number	CNSC19N0GL
ECU Part Number	68461768AD
Body Style	Wagon
Country Code	USA
Model Year	2020
Vehicle Line	RU
Software Supplier Identification	Panasonic
Market Selection Configuration	02
Hardware Supplier Identification	Panasonic
VIN Original	[redacted]
ECU Software Number	68461768AD
VIN Current	[redacted]
Active Diagnostic Variant	82
Active Diagnostic Version	05
ECU Serial Number	T M9223001760
Sales Code	V
SW - week	49
SW - Patch Level	14
SW - year	2019
ECU Hardware Version Number	20
HW - Patch Level	14

HW - Year	2019
HW - Week	49
Software Part Number	68461768AD
ECU Software Version Number	4913

OCM DETAILS

NAME	VALUE
Model Year	2020
Country Code	USA / USA
Vehicle Line	RU / VEH_RU
Body Style	Station Wagon
Active Diagnostic Variant	40
Active Diagnostic Version	30
ECU Serial Number	TRUJY21401412B
VIN Original	[redacted]
VIN Current	[redacted]
ECU Part Number	68403127AA
Software Logical Block #0 Part Number	28444600
Hardware Part Number	28608000

HVACR DETAILS

NAME	VALUE
Active Diagnostic Variant	43
Active Diagnostic Version	01
ECU Part Number	68373079AB
ECU Serial Number	FF FF FF FF FF FF FF FF FF FF FF FF
VIN Current	[redacted]
Model Year	20
Country Code	USA
Body Style	Station Wagon
Vehicle Line	RU

LBSS DETAILS

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

RBSS DETAILS

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

APM DETAILS

NAME	VALUE
ECU Serial Number	TD6VA0620R4027
Active Diagnostic Variant	40
Active Diagnostic Version	01
Country Code	USA / USA
Vehicle Line	RU
Model Year	2016
VIN Original	[redacted]
VIN Current	[redacted]
ECU Part Number	05185046AB

BPCM DETAILS

NAME	VALUE
ECU Part Number	05193166AF
SW - week	23
SW - year	2020
SW - Patch Level	00
VIN Original	[redacted]
ECU Serial Number	TESIG216020028
VIN Current	[redacted]
Active Diagnostic Variant	40
Active Diagnostic Version	05

HCP DETAILS

NAME	VALUE
HCP SW Version	C19A
MCP SW Version	2003B0
Transmission Assembly Traceability Number	
Transmission Assembly Part Number	
ECU Serial Number	TMMVL1681A1331
Active Diagnostic Version	05
Active Diagnostic Variant	40
VIN Original	[redacted]

VIN Current	[redacted]

OBCM DETAILS

NAME	VALUE
VIN Original	[redacted]
Active Diagnostic Variant	40
Active Diagnostic Version	02
ECU Serial Number	TD63H2428R6409
ECU Part Number	05185047AE
VIN Current	[redacted]

DSM DETAILS

NAME	VALUE
Software Logical Block #0 Part Number	1808280001
ECU Part Number	68316175AC
ECU Serial Number	000000979082
Country Code	USA / USA
Vehicle Line	RU
Model Year	2020
Body Style	Station Wagon
Hardware Part Number	BGM9610100
VIN Original	[redacted]
VIN Current	[redacted]
Active Diagnostic Version	00
ECU Software Mode	Running in Application
Active Diagnostic Variant	40
Active Diagnostic Session	Default
Gateway	False

RCCC DETAILS

NAME	VALUE
ECU Serial Number	T085010635
VIN Original	[redacted]
ECU Software Mode	Running in Application
Active Diagnostic Version	00
Active Diagnostic Variant	40
Active Diagnostic Session	Default
Gateway	False
ECU Part Number	6WL30PD2AA
VIN Current	[redacted]
Vehicle Line	RU
Model Year	20
Country Code	USA
Body Style	Station Wagon

Hardware Part Number	68223337AB

EAC DETAILS

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

AHCP DETAILS

NAME	VALUE
AHCP SW Version	C19A
MCPA SW Version	2003B0
Active Diagnostic Version	00
Active Diagnostic Variant	40
Body Style	Station Wagon
Model Year	2020
Vehicle Line	RU
VIN Original	[redacted]
Hardware Part Number	05190174AM
ECU Part Number	05190290AC
VIN Current	[redacted]

EBBM DETAILS

NAME	VALUE
Active Diagnostic Variant	40
Active Diagnostic Version	00
ECU Part Number	68461813AB
ECU Serial Number	T006M091963102

ABSO DETAILS

NAME	VALUE
Sensor Cluster Serial Number	2FJ40T10G011
Active Diagnostic Version	01
Active Diagnostic Variant	42
Model Year	2020
Body Style	Station Wagon
Country Code	USA
Vehicle Line	RU
ECU Part Number	68471122AD
ECU Serial Number	T004F205964191

SGW DETAILS

NAME	VALUE
VIN Original	[redacted]
Active Diagnostic Session Data Identifier	Extended Diagnostic Session
System Supplier ECU Software Version Number	779
ECU Serial Number	54 46 31 31 36 32 32 32 30 4A 30 34 33 32 30
Diagnostic Version	03
Supplier ID	Bosch
Diagnostic Variant ID	41
System Supplier ECU Hardware Number	6002JE1371
ECU Part Number	68447193AB
System Supplier ECU Software Number	V230
System Supplier ECU Hardware Version Number	5

RRTS

RRT #	DESCRIPTION	STATUS
20-069	2020 RU PHEV ELECTRONIC BRAKE BOOSTER MODULE (EBBM	Complete

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
PCM	Powertrain Control Module	CAN-C	68444229AE	[redacted]	[redacted]	68444229AE
ICS	Integrated Center Stack	CAN-I	6UX601X8AA	[redacted]	[redacted]	6UX601X8AA
RFH	Radio Frequency Hub	CAN-C	68453559AB	[redacted]	[redacted]	68453559AB
ESM	Electronic Shifter	CAN-C	68240089AM	[redacted]	[redacted]	68240089AM
ORC	Occupant Restraint	CAN-C	68453076AD	[redacted]	[redacted]	68453076AD
EPS	Electric Power Steering	CAN-C	68460392AA	[redacted]	[redacted]	68460392AA
ANC	Active Noise Cancelation	CAN-I	68440556AB	[redacted]	[redacted]	68440556AB
HVAC	Heat, Ventilation and A/C	CAN-I	68447893AC	[redacted]	[redacted]	68447893AC
DDM	Driver Door Module	CAN-I	68424451AC	[redacted]	[redacted]	68424451AC
PDM	Passenger Door Module	CAN-I	68424450AC	[redacted]	[redacted]	68424450AC
DMRL	Door Module Rear Left	CAN-I	68225096AG	[redacted]	[redacted]	68225096AG
DMRR	Door Module Rear Right	CAN-I	68225096AG	[redacted]	[redacted]	68225096AG
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AD	[redacted]	[redacted]	68369596AD
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AD	[redacted]	[redacted]	68369596AD
PLGM	Power Liftgate	CAN-I	68316094AF	[redacted]	[redacted]	68316094AF
CSWM	Comfort Seat Wheel Module	CAN-I	68434910AC	[redacted]	[redacted]	68434910AC

IPC	Instrument Panel Cluster	CAN-C	68434956AD		68434956AD
PTS	Parktronics	CAN-C	68193772AJ		68193772AJ
SCCM	Steering Column Control Module	CAN-C	68360889AD		68360889AD
BCM	Body Controller	CAN-C	68424601AF		68424601AF
RADIO	Radio	CAN-I	68461768AD		68461768AD
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
APM	Accessory Power Module	CAN-C	05185046AB		05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193166AF		05193166AF
HCP	Hybrid Control Processor	CAN-C	05190289AC		05190289AC
OBCM	On Board Charging Module	CAN-C	05185047AE		05185047AE
DSM	Display Screen Module	CAN-I	68316175AC		68316175AC
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30PD2AA		6WL30PD2AA
EAC	Electric A/C Compressor	CAN-C	68237995AG		68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05190290AC		05190290AC
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB		68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD		68471122AD
SGW	Security Gateway Module	CAN-C	68447193AB		68447193AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
PCM	USA	1B 47	46 03 01	4419	DFF8E724
ICS	USA	0F 0C 00	12 25 00	4400	
RFH	USA / USA	10 17 00	13 09 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	
ANC	USA	0F 05 01	12 2C 01	4210	
HVAC	USA	0E 09 00	13 05 01	4401	
DDM	USA	11 07 00	13 0B 00	4202	
PDM	USA	11 07 00	13 0B 00	4202	

DMRL	USA / USA	10 0B 00	12 0C 00	4201	
DMRR	USA / USA	10 0B 00	12 0C 00	4201	
PSDML	USA / USA	10 17 00	14 10 12	4001	
PSDMR	USA / USA	10 17 00	14 10 12	4001	
PLGM	USA	17 19 00	18 22 00	4202	
CSWM	USA	11 2A 00	13 2C 00	4302	
IPC	USA / USA	12 06 00	14 0B 00	4704	
PTS	USA	0E 32 00	12 1F 00	4311	
SCCM	USA	13 28 00	13 29 00	4301	
BCM	USA	0D 11 00	14 1B 90	4415	
RADIO	USA	13 31 14	13 31 14	8205	
OCM	USA / USA	11 1F 01	0E 2F 02	4030	
HVACR	USA	0E 09 00	10 03 02	4301	
LBSS	USA / USA	11 30 02	12 0D 00	4202	
RBSS	USA / USA	11 30 02	12 0D 00	4202	
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM	Not programmed / COUNTRY_SNA	0E 03 00	14 17 00	4005	D721612D
HCP	USA	11 1F 04	13 30 01	4005	92BCF62B 04D8393A 050DC953
OBCM	USA	0F 0D 00	12 02 00	4002	
DSM	USA / USA	13 29 00	12 23 00	4000	
RCCC	USA	0F 1D 00	13 04 00	4000	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1F 04	13 30 01	4000	
EBBM	USA	0E 19 02	14 0D 18	4000	E5898FA5
ABSO	USA	0E 15 02	14 1B 26	4201	4F158D1B
SGW		5	779	4103	

ENVIRONMENTAL DATA SUMMARY

BPCM | P0AA4-00 | Active | Hybrid/EV Battery Negative Contactor "A" Stuck Closed-

NAME	VALUE	UNITS
Frequency Counter	1	
Ignition Cycle Counter	0	
FoM - for this DTC (lifetime fails)	7	events
FoM - for this DTC (lifetime fails counts on pass)	0.0000	seconds
FoM - for this DTC (lifetime longest fail on pass)	0.000	seconds
Battery Total Time Awake	28974008	seconds
Key in Ignition	Key_Def	
Key Position	Ign_Lock	
EPT -WakeUp	Not Sourced	
HCP Contactor Command	Open	
Qualified Contactor Command - QCC	Open	
Verified Contactor Command - VCC	Open	

Contactor Status	PreCharging Failed	
Plug in Status	Not plugged in	
ChargingLevel	Plug in, but no charge	
Balance Mode	False	
Battery in Periodic wake up (Just battery) at time of Fault	False	
Battery in Periodic wake up (Wake up vehicle) at time of Fault	False	
Vehicle mileage at time of fault (ODO signal in $3D2)	4466.87	miles
Battery Lifetime Miles	2F58BD	miles
Vehicle Speed	0.0	MPH
System (12) Volts at time of fault	11.834	Volts
Battery Lifetime AmpHrs of Charge	1878.2	AHr
Battery Lifetime AmpHrs of DisCharge	1847.7	AHr
SOC at time of Fault	85.9	%
Power Up SOC at time of Fault	85.9	%
HVIL Status -Vehicle	Not Sourced	
HVIL Status - Battery pack	PASS	
HVIL PWM Duty Cycle - Vehicle	0.0	%
HVIL PWM Frequency - Vehicle	0.0	Hz
HVIL PWM peak voltage Sourced - Vehicle	0.349	Volts
HVIL PWM peak voltage Sensed - Vehicle	0.357	Volts
HVIL Source Voltage- Battery	1.377	Volts
HVIL Returned current - Battery	30.60	mA
HV Battery Current Sensor 1 Hall High	-1.90	Amps
HV Battery Current Sensor 2 Hall Low	0.00	Amps
HV Battery Current HVBatCrnt	0.00	Amps
HV Cooling Speed Pump 1 Target	0	rpm
HV Cooling Speed pump 1 Speed	0	rpm
Charge indicator Temp	82	°F
BPCM temperature max	73	°F
BPCM temperature min	72	°F
Pump - Wire Open\Short to Gnd	PASS	
Pump - Dry Run Detection	PASS	
Pump - Overcurrent	PASS	
Pump - Overtemperature	PASS	
Pump - Switch Power Shorted	PASS	
Isolation Circuitry Va	2.500	Volts
Isolation Circuitry Vb	2.502	Volts
Isolation Circuitry Vd	0.000	Volts
WC and Circuitry 2.5V Reference Voltage	2.501	Volts
WC and Circuitry Vcc Voltage	4.990	Volts
WC and CircuitryISO 8V Reference Voltage	7.990	Volts
WC and Circuitry Weld Contactor Sensor G (Pack Negative) Voltage	-4.0	Volts
Cycles left to self heal	40	No Unit
Fault trigger level 1	False	

Fault trigger level 2	False	
Fault trigger level 3	False	
Fault Path	01	
HV Battery Charge Power 2sec	82338	watts
HV Battery Charge Power 10sec	66060	watts
HV Battery Discharge Power 2sec	105120	watts
HV Battery Discharge Power 10sec	102783	watts
HV Battery Power	007530	watts
Key - DriveRdy (CAN)	True	
Battery Lifetime Number Of Closes	722	
Battery Full AmpHr Capacity	49	AmpHrs
Cell Impedance Max Discharge	0	mOhms
Cell Impedance Mim Discharge	0	mOhms
Battery Cell Voltage Maximum	4033	mV
Battery Cell Voltage Minimum	4016	mV
Battery Cell Voltage Average	4022	mV
Battery Cell Highest Cell number	88	
Battery Cell Lowest Cell number	50	
HV Battery Voltage (cell sum)	386.10	Volts
HV Battery Voltage (Module Sum)	385.90	Volts
HV Sensor A Pack Voltage	386.00	Volts
HV Sensor B Bus\Link (Pre-Fuse) Voltage	1.30	Volts
HV Sensor C OBCM (HVOBC Fuse) Voltage	0.90	Volts
HV Sensor D Heater (HVHTR Fuse) Voltage	0.90	Volts
HV Sensor G Weld Contactor(Pack Negative) Voltage	-4.0	Volts
Battery Temperature Maximum Module	73	°F
Battery Temperature Minimum Module	72	°F
Battery Temperature Average Module	73	°F
Battery Temperature Highest Sensor number	07	
Battery Temperature Lowest Sensor number	10	
Battery Temperature Number of Failing Sensors	00	
HV Cooling Pump Relay Drive	Not Sourced	
HV Cooling Battery coolant inlet temp	75	°F
HV Cooling Battery coolant outlet temp	75	°F
HV Cooling OBCM temp inlet Temp	81	°F
Pump - Battery Coolant Level Low	False	
Isolation Vehicle Diagnostic Status	Run and Passed	
Isolation Vehicle Impedance	7.4750	Mega Ohms
Isolation Battery Diagnostic Status	Run and Passed	
Isolation Battery Impedance	0.8480	Mega Ohms
HV Bat SOH-R	3.1	%
HV Bat SOH-C	93.7	%
BPCM Sec Asic Reset Req	Not active	
BPCM Sec QA Error Counter	0	cnts

BPCM Sec MM Hw Reset Error Counter	0	cnts
BPCM Sec Asic Fault Input	Not active	
BPCM Sec CC Path Test Active	Not active	
BPCM L2 General Monitoring Flt Rsn	L2L1_CELL_MAX_V_CMP_FLT	
BPCM L2 CC Path Test Req	Undetermined	
BPCM L2 Contactor Dslb Req	Undetermined	
BPCM L2 ASIC Diagnostic Flt Rsn	ADCTest	
BPCM Sec HW Timer Status	Not active	
BPCM Sec Contactor State	Open	
BPCM Main HW Timer Status	Not active	
BPCM Sec Asic Fault State	Undefined	
BPCM L2 SM Hw Reset Error Counter	0	No Unit
Engine Speed	0	rpm
Accelerator position	0.0	%
Real time clock	429496.7295	seconds
Real time clock-OS Task Delay Timer	2	
Real Time Clock Validity	True	
DTC	0A A4 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Original Odometer Value	4464	miles
Most Recent Odometer Value	4464	miles
DTC Extended Data Record Number - 2	0E	

BPCM | P0C77-00 | Active | HV Battery System Precharge Time Too Short-

NAME	VALUE	UNITS
Frequency Counter	1	
Ignition Cycle Counter	0	
FoM - for this DTC (lifetime fails)	1	events
FoM - for this DTC (lifetime fails counts on pass)	0.0000	seconds
FoM - for this DTC (lifetime longest fail on pass)	0.000	seconds
Battery Total Time Awake	28974004	seconds
Key in Ignition	Key_Def	
Key Position	Ign_Lock	
EPT -WakeUp	Sourced	
HCP Contactor Command	Closed	

Qualified Contactor Command - QCC	Closed	
Verified Contactor Command - VCC	Closed Restricted	
Contactor Status	Closed	
Plug in Status	Not plugged in	
ChargingLevel	Plug in, but no charge	
Balance Mode	False	
Battery in Periodic wake up (Just battery) at time of Fault	False	
Battery in Periodic wake up (Wake up vehicle) at time of Fault	False	
Vehicle mileage at time of fault (ODO signal in $3D2)	4466.87	miles
Battery Lifetime Miles	2FC910	miles
Vehicle Speed	0.0	MPH
System (12) Volts at time of fault	10.970	Volts
Battery Lifetime AmpHrs of Charge	1878.2	AHr
Battery Lifetime AmpHrs of DisCharge	1847.7	AHr
SOC at time of Fault	85.9	%
Power Up SOC at time of Fault	85.9	%
HVIL Status -Vehicle	PASS	
HVIL Status - Battery pack	PASS	
HVIL PWM Duty Cycle - Vehicle	50.2	%
HVIL PWM Frequency - Vehicle	87.9	Hz
HVIL PWM peak voltage Sourced - Vehicle	9.646	Volts
HVIL PWM peak voltage Sensed - Vehicle	9.620	Volts
HVIL Source Voltage- Battery	1.385	Volts
HVIL Returned current - Battery	30.60	mA
HV Battery Current Sensor 1 Hall High	-0.85	Amps
HV Battery Current Sensor 2 Hall Low	0.00	Amps
HV Battery Current HVBatCrnt	0.00	Amps
HV Cooling Speed Pump 1 Target	0	rpm
HV Cooling Speed pump 1 Speed	0	rpm
Charge indicator Temp	82	°F
BPCM temperature max	73	°F
BPCM temperature min	72	°F
Pump - Wire Open\Short to Gnd	PASS	
Pump - Dry Run Detection	PASS	
Pump - Overcurrent	PASS	
Pump - Overtemperature	PASS	
Pump - Switch Power Shorted	PASS	
Isolation Circuitry Va	2.510	Volts
Isolation Circuitry Vb	2.502	Volts
Isolation Circuitry Vd	0.000	Volts
WC and Circuitry 2.5V Reference Voltage	2.501	Volts
WC and Circuitry Vcc Voltage	4.990	Volts
WC and CircuitryISO 8V Reference Voltage	7.990	Volts
WC and Circuitry Weld Contactor Sensor G (Pack Negative) Voltage	381.4	Volts

Cycles left to self heal	40	No Unit
Fault trigger level 1	False	
Fault trigger level 2	False	
Fault trigger level 3	False	
Fault Path	01	
HV Battery Charge Power 2sec	83556	watts
HV Battery Charge Power 10sec	66438	watts
HV Battery Discharge Power 2sec	105123	watts
HV Battery Discharge Power 10sec	102789	watts
HV Battery Power	007530	watts
Key - DriveRdy (CAN)	True	
Battery Lifetime Number Of Closes	721	
Battery Full AmpHr Capacity	49	AmpHrs
Cell Impedance Max Discharge	0	mOhms
Cell Impedance Mim Discharge	0	mOhms
Battery Cell Voltage Maximum	4033	mV
Battery Cell Voltage Minimum	4016	mV
Battery Cell Voltage Average	4022	mV
Battery Cell Highest Cell number	87	
Battery Cell Lowest Cell number	36	
HV Battery Voltage (cell sum)	386.10	Volts
HV Battery Voltage (Module Sum)	385.90	Volts
HV Sensor A Pack Voltage	386.00	Volts
HV Sensor B Bus\Link (Pre-Fuse) Voltage	386.10	Volts
HV Sensor C OBCM (HVOBC Fuse) Voltage	386.00	Volts
HV Sensor D Heater (HVHTR Fuse) Voltage	386.00	Volts
HV Sensor G Weld Contactor(Pack Negative) Voltage	381.4	Volts
Battery Temperature Maximum Module	73	°F
Battery Temperature Minimum Module	72	°F
Battery Temperature Average Module	73	°F
Battery Temperature Highest Sensor number	07	
Battery Temperature Lowest Sensor number	10	
Battery Temperature Number of Failing Sensors	00	
HV Cooling Pump Relay Drive	Not Sourced	
HV Cooling Battery coolant inlet temp	75	°F
HV Cooling Battery coolant outlet temp	75	°F
HV Cooling OBCM temp inlet Temp	81	°F
Pump - Battery Coolant Level Low	False	
Isolation Vehicle Diagnostic Status	Run and Passed	
Isolation Vehicle Impedance	7.4750	Mega Ohms
Isolation Battery Diagnostic Status	Run and Passed	
Isolation Battery Impedance	0.8480	Mega Ohms
HV Bat SOH-R	3.1	%
HV Bat SOH-C	93.7	%

BPCM Sec Asic Reset Req	Not active	
BPCM Sec QA Error Counter	0	cnts
BPCM Sec MM Hw Reset Error Counter	0	cnts
BPCM Sec Asic Fault Input	Not active	
BPCM Sec CC Path Test Active	Not active	
BPCM L2 General Monitoring Flt Rsn	L2L1_CELL_MAX_V_CMP_FLT	
BPCM L2 CC Path Test Req	Undetermined	
BPCM L2 Contactor Dslb Req	Undetermined	
BPCM L2 ASIC Diagnostic Flt Rsn	ADCTest	
BPCM Sec HW Timer Status	Not active	
BPCM Sec Contactor State	PULLIN	
BPCM Main HW Timer Status	Not active	
BPCM Sec Asic Fault State	Undefined	
BPCM L2 SM Hw Reset Error Counter	0	No Unit
Engine Speed	0	rpm
Accelerator position	0.0	%
Real time clock	429496.7295	seconds
Real time clock-OS Task Delay Timer	0	
Real Time Clock Validity	True	
DTC	0C 77 00	
Test Failed	True	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	True	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Original Odometer Value	4464	miles
Most Recent Odometer Value	4464	miles
DTC Extended Data Record Number - 2	47	

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

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

Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Original Odometer Value	4467.0	miles
Most Recent Odometer Value	4467.0	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Real time clock	28971780	sec
RAM stamps keyOn	45	sec
RAM Stamps	75	Min
Accelerator Pedal Position	0	%
Brake Switch Status	Not Applied	
Engine Speed	0	rpm
HV Battery SOC	86	%
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	False	
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	77	°F
Motor B Temp Sensor	75	°F
Barometric Pressure	15	PSI
Engine Coolant Temperature	72	°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	-0.092	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	-0.092	Ft-Lbs
Available Motor Torque - Motor A	88.496	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Regen Torque - Motor A	-88.496	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	-4	AMP
Motor B - Inverter Current - phase C	-4	AMP
Motor B Resolver Angle	Not Programmed	Degree
Motor A Resolver Angle	Not Programmed	Degree
Electric Motor A Speed	0.0	rpm
Electric Motor B Speed	0.0	rpm
PIM DC Link Voltage - A	5	Volts

PIM DC Link Voltage - B	6	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_C19A_2003B0_RU_HCP__	
HCP SW Version	C19A	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Open	
APM Status	Idle	
Impact Event	False	
Outside Air Temperature	77.0	°F
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	11.664	Volts
Battery Feed Voltage 2 Sense	11.664	Volts
Battery Feed Voltage 3 Sense	11.664	Volts
Hybrid System State	SNA	
Inverter A IGBT Temperature for phase A	32	°F
Inverter A IGBT Temperature for phase B	32	°F
Inverter A IGBT Temperature for phase C	32	°F
Inverter B IGBT Temperature for phase A	32	°F
Inverter B IGBT Temperature for phase B	32	°F
Inverter B IGBT Temperature for phase C	32	°F
PHEV Charging Status	No Charging	
Distance Travelled with Light ON	0	miles
GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

FREEZE FRAME DATA

No Carb data available

No Freeze Frame #1 data available

No Freeze Frame #2 data available

No Freeze Frame #3 data available

No MisFire data available

No Most Recent DTC data available

EVENT DATA

No Event Data available

SNAPSHOT DATA SUMMARY

No Snapshot Data available for P0AA4-00

No Snapshot Data available for P0C77-00

No Snapshot Data available for P0A0A-00

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
BPCM	P0AA4-00	Hybrid/EV Battery Negative Contactor "A" Stuck Closed-	Active
BPCM	P0C77-00	HV Battery System Precharge Time Too Short-	Active
HCP	P0A0A-00	High Voltage System Interlock Circuit "A"-	Stored

CONFIGURATION

PCM CONFIGURATION

NAME	VALUE	UNITS
Secondary Mass Airflow Sensor Equipped	False	
Active Exhaust Pressure Sensor Equipped	False	
Electronic Parking Brake Equipped	True	
Active Exhaust Valve(s) Equipped	False	
High Side Port Tumble Valve Equipped	False	
Aux Coolant Pump Heater Equipped	False	
Heater Temp Control Valve Equipped	False	
Mechanical Coolant Pump Equipped	False	
Wastegate HBridge Equipped	False	
Remote Start Present	Present	
2.0 Liter I4 Direct Injection Engine	False	
Coolant On-Off Pump Equipped	Not Equipped	
1.0 Liter I3 Engine	False	
Primary Lin Alternator Equipped	Not Equipped	
Variable Valve Lift Equipped	Not Equipped	
Dual Fuel Tank Equipped	False	
Auxillary Coolant Pump Equipped	False	
Cooled EGR Equipped	False	
Dual Alternator Gen1 Capable	False	
A/C Relay Powered from Engine Switched Battery	False	
Supercharger Equipped	False	
Low Temp Radiator Coolant Pump Equipped	False	
PTO System Equipped	False	
CNG Large Gas Tank Equipped	False	
HPT 6-Speed Trans Equipped	False	
Hybrid MEC Shifter Equipped	False	
Engine Idle Shutoff Equipped	False	

ZF 9-Speed Trans Equipped	False	
MDS Equipped	False	
Variable Speed Fuel Pump Equipped	True	
ERS Equipped Indicator	False	
O2 Sensor Bank 1 Sensor 1 Equipped	True	
GPEC2 Equipped	False	
ESIM Equipped	False	
Intake Cam 2 Equipped	True	
Engine Stop Start Equipped	False	
Trans Skip Shift Equipped	False	
VFS Actuators Available Indicator	False	
Transmission Oil Heater Equipped	False	
Secondary Air Equipped	False	
3.5 Liter V6 Engine	False	
O2 Sensor Bank 2 Sensor 2 Equipped	True	
PWM Fan Motor System Equipped	True	
1 Speed Fan Mechanical Relay System Equipped	False	
Vehicle Speed Sensor #1 Calculated from CAN	False	
4.0 Liter I6 Engine	False	
6.1 Liter V8 Engine	False	
Active Engine Mount Equipped	False	
Primary Lin Alternator Equipped	False	
Auxiliary Heater Electric Water Pump Equipped	False	
Sensorless FFV Enabled	False	
Throttle Inlet Temp Sensor Equipped	False	
Electronic Automatic Transmission (EATX) Equipped	False	
WI4 Intake Flow Control Valve Equipped	False	
Wide Range O2 Sensor 1/1 Equipped	False	
2.7 Liter V6 Engine	False	
GPEC2A Equipped	True	
Auxiliary Coolant Pump Heater Equipped	Undefined	
Active Grille Shutter Equipped	True	
Cooled EGR Equipped	False	
GPEC4 Equipped	False	
Unleaded diesel fuel	False	
PTO System Equipped	False	
Supercharger Equipped	False	
WI4 Variable Valve Timing Equipped	True	
Oil Pressure Sensor Enabled	True	
Low Temperature Radiator Coolant Pump Equipped	False	
High Side Port Tumble Valve Equipped	Undefined	
Fiat VIN Learning Strategy Equipped	False	
ICC Cruise Equipped	False	
Starter Relay 2 Equipped	False	

ZF 9-Speed Transmission Equipped	False	
Next Gen Bus Equipped	False	
Humidity, Temperature and Pressure Sensor (LIN) Equipped	False	
3.0 Liter V6 Engine	False	
3.6 Liter V6 Engine	True	
Mechanical Coolant Pump Heater Equipped	False	
Active Exhaust Pressure Sensor Equipped	False	
VMM Equipped	False	
Dual Fuel Pressure Sensor Equipped	False	
Air Shutoff Valve Bank 1 Control Solenoid 2 Equipped	False	
Exhaust Cam 1 Equipped	True	
Trans Reverse Lockout Equipped	False	
Fan Wake Up Relay System Equipped	False	
66RFE / 68RFE	False	
Wastegate H-Bridge Equipped	Undefined	
Brake Pedal Sensor Equipped	False	
Viscosity Sensor Equipped	False	
Coolant On-Off Pump Equipped	False	
AC Equipped	False	
6.4 Liter V8 Engine	False	
Secondary Fuel Pump Equipped	False	
3.7 Liter V6 Engine	False	
Linear PWM Fan Relay System Equipped	False	
CMCV H-Bridge Equipped	Undefined	
Operator Idle Speed Request Equipped	False	
Tumble Generator Valve Equipped	False	
Electric Thermostat Heater Equipped	False	
CUSW PROXI Write Programming Support Enabled	False	
Electronic Throttle Control Equipped	True	
VLP Is Learnable Indicator	False	
AC Equipped Over Bus	False	
2.0 Liter WI4 engine	False	
1.0 Liter I3 Engine	False	
Electric Coolant Valve Equipped	False	
Engine Software In Package	True	
Adaptive Cruise Control Hardware Equipped	False	
Duty Cycle Purge Valve Equipped	True	
GPEC3 Equipped	False	
Air Shutoff Valve Bank 1 Control Solenoid 1 Equipped	False	
40TE / 41TE / 41TEA	False	
45RFE / 545RFE / 65RFE	False	
Coolant On-Off Valve Equipped	False	
Turbocharger Equipped	False	
EMAT (Getrag DCT transmission) Equipped	False	

Adaptive Cruise Control Equipped	False	
Dual Stage Oil Pump Equipped	True	
2.4 Liter WI4 engine	False	
Power Steering Switch Equipped	False	
O2 Sensor Bank 2 Sensor 1 Equipped	True	
Police Package Equipped	False	
3 Speed Fan Mechanical Relay System Equipped	False	
Engine Idle Shutoff Equipped	False	
Fixed displacement AC Equipped	True	
Clutch Interlock Switch Equipped	False	
Intake Cam 1 Equipped	True	
3.8 Liter V6 Engine	False	
Electronic Coolant Pump Equipped	False	
TIP Equipped	False	
Aisin 6-Speed RWD Transmission Equipped	False	
4 Speed Automatic Transmission Equipped	False	
Variable Displacement AC Equipped	False	
Active Exhaust Valve Equipped	False	
Exhaust Cam 2 Equipped	True	
Turbine Volute Valve Actuator Equipped	Undefined	
TOOLCONFIG_OIL_PRESS_ABS_EQUIPPED	True	
Buffered Crank Output for PHEV Engine Pulse Calculation Equipped	True	
Constant Heater Temperature Control Valve Equipped	False	
Continuous Variable Transmission Equipped	False	
3.3 Liter V6 Engine	False	
Brushless PWM Fan Equipped	NOT_FAN_PWM_BOSCH_BRUSHLESS_CNFG	
Electric Water Pump Equipped	False	
1.8 Liter WI4 engine	False	
4.7 Liter V8 Engine	False	
Compressed Natural Gas Equipped	False	
3.2 Liter V6 Engine	False	
Vehicle Speed Sensor #1 Calculated by ECU	False	
SRV Equipped	False	
62TE	False	
Battery Temp Sensor Equipped	False	
HPT 6-Speed Transmission Equipped	False	
DUAL_ALTERNATOR_GEN1_LEARNEDCOPY	False	
CUSW (29-Bit) Equipped	False	
Inrush Current Reduction Relay Equipped	False	
Dual Speed Fuel Pump Equipped	False	
CUSW (11-Bit) Equipped	False	
Shift Indicator Lamp Equipped	False	
VLP Equipped Indicator	False	
2 Speed Fan PWM Relay System Equipped	False	

4 Button Integrated Cruise Control	False	
Direct Injection Equipped	False	
Electronic Vacuum Pump Equipped	False	
Air Shutoff Valve Bank 2 Control Solenoid 2 Equipped	False	
Hybrid Electric Vehicle Equipped	True	
6.2 Liter V8 Engine	False	
5.7 Liter V8 Engine	False	
Wide Range O2 Sensor 2/1 Equipped	False	
Cummins Equipped	False	
Fiat 940 Compact Equipped	False	
A/C Equipped	False	
Knock Sensor 1 Equipped	True	
Yaw Rate Sensor ESC Equipped	False	
Unleaded Gasoline Fuel	True	
Port Flap Valve Equipped	False	
Barometric Sensor Equipped	False	
Auxiliary Coolant Pump Equipped	False	
O2 Sensor Bank 1 Sensor 2 Equipped	True	
42RLE	False	
MTV Solenoid Equipped	False	
Rear Heater Equipped	False	
Transmission Software Included	False	
O2 Sensor Bank 1 Sensor 3 Equipped	False	
ETC Cruise equipped	False	
Dual Fuel Tank Equipped	False	
2 Speed Fan 3 Driver 3 Relay System Equipped	False	
MultiAir Equipped	False	
Linear EGR Equipped	False	
Powernet Equipped	True	
Linear Purge Equipped	False	
Buffered Crank Output for ANC (Active Noise Cancellation) Equipped	True	
2 Speed Fan Mechanical Relay System Equipped	False	
Knock Sensor 2 Equipped	True	
Engine Oil Heater Cooler Equipped	True	
Bi-Directional Crank Sensor Equipped	True	
Dual Fuel Pressure Sensor Equipped	False	
CUSW 4-Button Cruise Equipped	False	
Make Up Air Sensor Equipped	False	
Cylinder Pressure Sensor Equipped	False	
Throttle Inlet Temp Sensor Equipped	False	
5 Button Cruise (LIN) Equipped	True	
Brake Pedal Sensor Equipped	False	
Power Steering Angle Sensor Mandatory	False	
INTAKE O2 SENSOR EQUIPPED	False	

LIN Humidity, Temp, and Pressure Sensor Equipped	False	
Operator Idle Speed Request Equipped	False	
SWAP HARDWIRED BRAKE SWITCH INPUTS	False	
Clutch Sensor Equipped	False	
Mass Airflow System Equipped	False	
Engine Oil Pressure Sensor Type	255	None

ICS CONFIGURATION

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

RFH CONFIGURATION

NAME	VALUE	UNITS
Hardware Configuration: Trunk Door Handle H/W	Simple Switch AP	
Hardware Configuration: Remote Start Antenna	Present	
Hardware Configuration: Front Right Door Handle H/W	Serial AP	
Hardware Configuration: Front Left Door Handle H/W	Serial AP	
Hardware Configuration: Rear Right Door Handle H/W	No AP	
Hardware Configuration: Rear Left Door Handle H/W	No AP	
Valid Key In Ignition	Yes	
Fob Location #3 Successfully Programmed	No	
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 NOT 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 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	False	
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	False	
Dynamic Steering Torque Feature Active	True	
Lane Feedback Feature Active	False	

ANC CONFIGURATION

NAME	VALUE	UNITS
Premuim - 2 (12 Channel)	False	
Premuim - 1 (8 channel)	False	
Premium - 3 (SRT8)	True	
Door Module - Left Rear	Present	
NetCFG Stat AT, I, PT	Request Data	
Door Module - Right Front	Present	
Door Module - Right Rear	Present	
Door Module - Left Front	Present	
Current ANC Calibration ID - Service	Harman ANC Module 3.6L	
ANC Calibration Date - Year	18	
ANC Calibration Date - Patch	4	
ANC Calibration Date - Week	45	
Left/Right Hand Drive	SNA / Not Programmed	
ANC Status	Off - Door Mute	

HVAC CONFIGURATION

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

CSWM CONFIGURATION

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

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	False	
Rear System with 6 Front Sensors	False	

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	Service	
ECU Configuration 10	4	
Vehicle Config CSM1	4	
ECU Configuration 11	4	
ECU Configuration 6 (Brake)	4	
ECU Configuration 5 (Wireless)	4	
Programmed ECUs: P/T Chassis Network	4	
ECU Configuration 15 (Suspension)	4	
Programmed ECUs: Hybrid LAN Network	0	
ECU Configuration 8 (LIN and Miscellaneous)	4	
ECU Configuration 9A	4	
Vehicle Configuration 2 - Write Counter	4	
Vehicle Configuration 7 - Write Counter	4	
ECU Configuration 6 (Safety)	4	
ECU Configuration 2 (CBC Features)	4	
Vehicle Configuration 5 - Write Counter	4	
Programmed ECUs: Cabin Network	4	
Vehicle Configuration Auto Write Counter	1	
ECU Configuration 3	4	
ECU Configuration 7 (CBC Exterior Lighting Calibrations)	4	
ECU Configuration 12	4	
ECU Configuration 9 (ITM)	4	
ECU Configuration 1 (CBC Configurable Inputs and Outputs)	4	
ECU Configuration 14	4	
Vehicle Configuration 6 - Write Counter	4	
ECU Configuration 13	4	
ECU Configuration 5 (Memory)	4	
Vehicle Config CSM2	4	
ECU Configuration 15 (CBC Features)	4	
Programmed Network Configuration - Audio / Telematics Network	0	
Vehicle Configuration 4 - Write Counter	4	
ECU Configuration 6 (Powertrain)	4	
ECU Configuration 6 (Suspension)	4	
ECU Configuration 5 (Doors)	4	
ECU Configuration 4	4	
Vehicle Configuration 3 - Write Counter	4	
Last Configuration Odometer	4464	miles
Vehicle Configuration 1 - Write Counter	4	
Emode Present	Not Set	
PTS Configuration	Rear / REAR	
Model Year	2020	
Vehicle Line	RU	

Hill Descent Feature Present	Not Set	
Body Style	Station Wagon	
Shifter Type	5 Position Rotary Eshifter PRNDL / Type RS5L	
Auto Highbeam	Not Set	
Drive Configuration	2WD Front	
Country Code	USA	
Special Packages	74	
Remote Start Present	Set	
Select Speed Control Feature Present	Not Set	
Left/Right Hand Drive	Left Hand Drive	
Performance Pages Present	Not Present	
Maximum Vehicle Speed	0	MPH
Max Load Inflation Pressure Rear Tire	36.0	PSI
Special Packages IC	Pacifica	
Power Inverter Type	No Power Inverter	
Cruise Feature is Present	Set	
Max Load Inflation Pressure Front Tire	36.0	PSI
Off Road Capable	Not Set	
Air Conditioning Present	Not Set	
Rain Sensor Present	Not Set	
Flipper Glass Present	Not Set	
SKIM System Present	Not Set	
Full Size Spare	Not Set	
Thatcham Present	Not Set	
Display Outside Temperature Present	Set	
Keyless Go Present	Set	
Vehicle is an SRT	Not Set	
Two Fuel Sending Units Present	Not Set	
Display Compass Heading Present	Set	
Wheel Base	Wheel base not programmed / WB_NP	
Auto Headlamp Feature Present	Set	
Premium TPM system present	Set	
Police Lighting Feature	Not Set	
Window Express Feature Configuration	Front windows express only	
Vehicle Brand	Chrysler	
Auto Park Present	Set	
T-Case Type	Not Present / Not Present	
Adjustable Pedal Feature Present (non-Memory)	Not Set	
Forward Collision Warning present	Not Set	
Paddle Shift Feature Present	Not Set	
Power Right Sliding Door Present	Set	
Disable Display of Radio Clock	Not Set	
FOBIK Safe Enable	Set	

Chassis Type	Type 9	
Fuel Capacity	17	gallons
ELV Present	Not Set	
Door Alert Feature Present	Not Set	
Passive Entry Present	Set	
RKE System Present	Set	
Secondary Lock Present	Not Set	
HVAC Configuration	Dual Zone ATC + Rear	
Sport Mode Present	Not Set	
ESCL system present	Not Set	
High Intensity Discharge Head Lamps	Not Set	
Collision Mitigation System present	Not Set	
Power Left Sliding Door Present	Set	
Liftgate/Trunk Type	Power Liftgate	
Base TPM system present	Not Set	
Transfer Case High Ratio	1.000	No Unit
Transfer Case Low Range Reduction Ratio	0.000	
Dynamic Tire Circumference (All or Rear)	89	inch
Axle Ratio	3.251	
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 E Pin 29: Rear Wiper Motor Park Signal Present	Set	
Connector D Pin 11: Stop/Turn Trailer Tow Left Output Present	Not Set	
Connector E Pin 9: Run-ACC Y Relay #2 Output Present	Set	
Connector G Pin 9: Ambient Light Dimmer Wheel Input Present	Set	
Connector E Pin 5: PHEV Fuel Door Switch Input	Set	
Connector G Pin 24 (Internally tied to Connector F Pin 7): Ambient Lighting Output	Not Set	
Connector F Pin 6: Fuel Door Motor Output Signal Present	Set	
Connector D Pin 15: Left Dedicated DRL Lamps Output Present	Set	
Connector A Pin 11: Hood Ajar Switch Input Present	Set	
Connector E Pin 4/Connector F Pin 32: Rear Park Lamps Output 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 7: Left HID Relay Control Output Present	Not Set	
Connector D Pin 10: Trailer Tow Tail Lamp Output Present	Not Set	
Connector G Pin 15: UGDO Feed Output Present	Set	
Connector F Pin 29: Horn Switch Present	Set	
Connector A Pin 1 and Connector D Pin 13: Front Fog 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 G Pin 22: VTA Warning LED Output Present	Set	
Connector F Pin 9: Analog Door Ajar Signal Front Driver Present	Set	

Connector E Pin 11: Vacuum Switch Input	Not Set	
Connector A Pin 10/Connector D Pin 5: Side Markers Output Present	Set	
Connector E Pin 42: Charge Port Lock Output Present	Set	
Connector E Pin 41: Charge Port Unlock Output Present	Set	
Connector A Pin 22: Right Dedicated DRL Lamp 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 D Pin 12: PHEV ECM Hardwire Wake Up Output Present	Set	
Connector F Pin 23: Door Lock Switch Signal Front Passenger Present	Set	
Connector D Pin 7: Stop/Turn Trailer Tow Right Output Present	Not Set	
Connector D Pin 22/ Connector D Pin 23: Ambient Temperature Signal/Return Present	Set	
Connector D Pin 9: Trailer Tow Backup Output Present	Not Set	
Connector E Pin 39/Connector F Pin 5: Rear Fog Lamps Output Present	Not Set	
Connector F Pin 4: Liftgate Release Present	Not Set	
Connectro E Pin 37: Right HID Control Output Present	Not Set	
Connector F Pin 35: Inverter Enable Relay Output Present	Not Set	
LED Rear Turn Lamps Present	Not Set	
Front Wiper Wipes After Wash	2 Wipes	
Fuel Door Release Enabled	Not Present	
Quad Headlamps Enable	Set	
Reversible Washer Pump Enable	Set	
DRL Dropout Enable	Set	
Park Lamp Loadshed Enable	Set	
LED Stop Lamps Present	Not Set	
Headlamp Washer Low Fluid Shut-Off Enable	Set	
Hazard Lamp Configuration	Latching Switch	
LED Tail Lamps Present	Set	
Bi Xenon Headlamps Enable	Not Set	
Front Fog Lamp Dropout Enable	Set	
LED Low Beam Lamps Present	Not Set	
Headlamp Wash Interval	wash cycle#11	
LED Dedicated DRL Present	Set	
Wiper Service Position Enabled	Not Set	
Illuminated approach Enabled	Not Set	
Front Wiper Park Enable	Set	
LED License Lamps Present	Set	
Horn Chirp Allowed	Set	
Fuel Door Present	Not Set	
Combined Front Park/Turn Feature Enable	Not Set	
DRL Configuration	No DRL	
DRL Lamp Location	Dedicated	
Rear Wiper Park Enable	Set	
Combined Rear Lighting Enable	Set	
LED Reverse Lamps Present	Not Set	

Intermittent Wiper States	4 Intermittent Wiper position Switch	
Headlamp Wash Shot	double	
LED Rear Fog Lamps Present	Not Set	
Trailer Tow Present	Not Set	
Tip Start Enabled	Set	
LED Front Turn Lamps Present	Not Set	
Side Repeaters Enable	Not Set	
LED Front Park/Marker Lamps Present	Set	
Headlamp Wash Spray Duration (at 100 ms intervals)	1100ms	
One Touch Lane Change	Set	
Tunnel Detection	Not Set	
Dual Start Relay System Present	Not Set	
Exterior Light Loadshed Enable	Set	
LED Front Fog Lamps Present	Not Set	
LED CHMSL Lamp Present	Set	
LED High Beam Lamps Present	Not Set	
Destination	United States of America	
Surround Sound Feature Present	Not Set	
Power Door Locks Present	Set	
Microphone Type	Peiker 300 mv	
Heated Steering Wheel Present	Set	
Power Inverter Present	Not Set	
Disable CD Eject	Not Set	
Cabin Equilization Curve Number	6 Speaker Base (RU)	
Antenna Type	Active Primary and no secondary antenna	
Splashscreen Type	Vehicle Brand	
Microphone Configuration	2 Microphones	
External Port Type	AUX + USB	
Microphone Tuning Parameter	Absent [Not Used]	
Front Park Assist Present	Set	
Front Heated Seats Present	Set	
Rear Camera Present	Set	
Fleet Vehicle Content	Not Set	
AP5 Trunk Lock	Simple Switch	
AP2 Right Front	Smart Switch	
Vehicle Variant	Undefined	
Tip Start Present	Set	
AP4 Right Rear	CAN	
Airport Scenario Trunk	Not Set	
AP1 Left Front	Smart Switch	
AP3 Left Rear	CAN	
AP5 Trunk Unlock	CAN	
Heated Mirrors Present	Set	

Blindspot Mirror Present	Set	
Frameless Window Present	Not Set	
Sun Shade	Not Set	
Global Up	Not Set	
Folding mirrors present	Not Set	
Electro-chromatic passenger mirror present	Not Set	
Window Motor Type	Not Set	
Global Down	Not Set	
Passenger Window Lockout	Not Set	
Tow Mirror Present	Not Set	
Passenger Memory Mirror Present	Not Set	
Rear Door Pre Short Drop	Not Set	
Electro-chromatic driver mirror present	Not Set	
Driver Memory Mirrors Present	Not Set	
Window Hall Sensors Present	Not Set	
Mirror turn signals present	Not Set	
Puddle Lamp Present	Not Set	
Heated Steering Wheel Present	Present	
Tilt/Telescope Steering Present	Not Set	
Memory Adjustable Pedals Present	Not Set	
Driver Memory Seat Present	Not Set	
Heated Seat Material Type	Perforated Leather	
Stow 'n Assist Present - Driver	Not Set	
Stow 'n Assist Present - Passenger	Not Set	
Rear Heated Seats Present	Not Present	
Front Vented Seats Present	Not Present	
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	
Connector F Pin 13: Left Sliding Door Switch Input (B-Pillar)	Left B-Pillar sliding Door Switch	
License Plate Lamp Disable	Not Set	
Connector G Pin 2: Fog Lamp Switch Input	Fog Lamp Switch	
Connector F Pin 34: Spare HSD	Not Present	
Connector F Pin 16: Passenger Door Lock Switch Input	Not Present	
Auto High Beam Module Location	None	
Engine Off Clear Time	180	Time
Connector F Pin 30: Fuel Door Lock (BUX)	Not Present	
Heatsoak Speed	15	Counter
Connector D Pin 8: Digital Spare Input #2	Not Present	
Ambient Stable Counter Limit	40	Counter
Max Engine Off Time	220	Time
Connector F Pin 29: Horn Switch Present	Horn Switch Input	
Connector F Pin 37: Vacuum Cleaner Power Saver Indicator	Not Present	

Connector E Pin 48 (Tied internally to Connector A Pin16): Rear Wiper Motor Control Output Present	Rear Wiper (0)	
Humidy Sensor Long Present	Set	
Connector E Pin 3: Left Rear Turn Signal	Left Rear Turn Signal	
Connector F Pin 14: Right Sliding Door Switch Input (B-Pillar)	Right B-Pillar Sliding Door Switch	
Connector G Pin11/Connector G Pin 12: Not Used	ERS	
Connector E Pin 28: Secondary Door Ajar Switch Present - PIN E-28	Set	
Manual Door Locks Present	Not Set	
Heatsoak Flush Time	105	Time
Rain Sensor Module #2 Present	Not Set	
CHMSL Lamp Output Disable	Not Set	
Conncetor F Pin 33: Fuel Door Unlock (BUX)	Not Present	
Connector E Pin 39: Right Rear Turn Signal	Right Rear Turn Signal	
Connector F Pin 15: Driver Door Lock Switch Input	Not Present	
Connector D Pin 4: Digital Spare Input #1	Not Present	
Heatsoak Set Time	15	Time
Steering Smoothing Factor	Filter Off	
Nose Dive Threshold	Filter Off	
Brake Smoothing Factor	Filter Off	
Average Last Longitudinal Acceleration Values	No Averaging	
Excess Lateral Acceleration Factor	Filter Off	
Brake Smoothing Duration	Filter Off	
Steering Smoothing Duration	Filter Off	
Maximum Lateral Change	Filter Off	
Acceleration Threshold	Filter Off	
Nose Dive Factor	Filter Off	
Excess Longitudinal Acceleration Factor	Filter Off	
Brake Smoothing Threshold	Filter Off	
Acceleration Factor	Filter Off	
Average Last Lateral Acceleration Values	No Averaging	
Steering Smoothing Threshold	Filter Off	
Maximum Longitudinal Change	Filter Off	
VTA Hood Ajar Monitoring	Not Set	
RKE Auto-Relock Feature Enable	Not Set	
PE Auto-Relock Feature Enable	Set	
Auto High Beam ON Threshold	25 km/hr	
Auto High Beam OFF Threshold	20 km/hr	
Interior Lighting Night Threshold	4.45147	Volt
Interior Lighting Day Threshold	4.27498	Volt
Headlamp Soak Delay	1.0 sec	
Horn Chirp Duration	Short	
Parking Light Enable	Not Set	
Smart Alternator Present	Not Set	
Temperature Display Resolution	HaLF	

TPMS Configuration	Logic 1 NHTSA Enable Warning	
Sunroof Present	Not Set	
ANC Calibration Parameter Data Set	Non Amplified 3.6L PHEV	
Radio Speaker Open Circuit Disable (RF)	Set	
Drive Mode Version	Version 1	
Auto Dimming Mirror Hard Button Present	Set	
Radio Speaker Open Circuit Disable (LF)	Set	
Radio Speaker Open Circuit Disable (LR)	Set	
Radio Speaker Open Circuit Disable (RR)	Set	
Automatic Crash Notification Feature Present	Undefined	
Show Phone Information in Cluster	01	
Surround View Camera On/Off Softkey Present	Not Set	
Park Assist Tuning Set	Sahara	
3rd Row Lock CSO	Not Set	
Siren	Not Set	
Ultrasonics	Not Set	
Tilt	Not Set	
ESC	Set	
HCP	Set	
AHCP	Set	
ESM	Set	
ORC	Set	
APM	Set	
ECM	Set	
BPCM	Set	
OBCM	Set	
EAC	Set	
EBCM	Set	
CVPM	Not Set	
VRM	Not Set	
MSMP	Not Set	
AMP	Not Set	
HVAC	Set	
PDM	Set	
VTM	Not Set	
DDM	Set	
EOMR	Set	
EDM	Not Set	
ITM	Not Set	
DMRR	Set	
MSM	Not Set	
HVACR	Set	
EAM	Not Set	
ICS	Set	

DSM	Set	
PSDML	Set	
ANC	Set	
BCM (Interior Bus)	Set	
DTV	Not Set	
FSM	Not Set	
DMRL	Set	
PLGM	Set	
HSM	Set	
PSDMR	Set	
Radio	Set	
Compass Mounting Angle	0	Degree
IBS Present	Set	
Auto Relock Time	60	seconds
Fobik Safe Alerts Per Ignition Cycle	2	
Illuminated Approach Headlamp Target Percentage	125 (62.5%)	
Humidity Sensor Present	Set	
Illuminated Approach Taillamp Target Percentage	125 (62.5%)	
Illuminated Approach Interior Lighting Ramp Up Time	130(2600ms)	
Alert no Reply	Set	
Alert On Search Timeout	Set	
Alert On System Fault	Set	
Illuminated Approach Interior Lighting Target Percentage	100(50%)	
OHC Module Present	Set	
Washer Fluid Level Voltage Threshold	4.46 volts	
EVIC SWS Module Present	Set	
CRVMM Present	Set	
HFRM Present	Not Set	
VTA System Present	VTA	
Panic Enable	Set	
Compass Mounting Orientation	Rightside up	
Connector F Pin 41: Backup-Reverse lamp Left	Set	
Connector E Pin 7: Left HID Relay Control	Left HID Lamp Relay	
Connector D Pin 12: PHEV ECM Hardwire Wake Up	Engine Control Module Wake up (PHEV only)	
Connector D Pin 11: Stop/Turn Trailer Tow Left Output Present	Reserved	
Connector A Pin 11: Hood Ajar Switch Signal	500 ohm series and 500 ohm parallel resistors	
Connector D Pin 21: Brake Fluid Level Switch	no parallel resistor	
Connector E Pin 1: Backup-Reverse lamp Right	Set	
Connector E Pin 37: Right HID Relay Control	Right HID Lamp Relay	
Connector F Pin 5: Left Rear Fog Lamp	Output Disable	
Connector E Pin 3: Left Rear Turn Signal	Left Rear Turn Signal	
Connector F Pin 31: Right Sliding Door Ajar	Right Sliding Door Ajar	
Connector F Pin 28: Right Rear Turn Lamp Fault Sense	Disable	

Connector F Pin 4: Liftgate Release	Trunk/Liftgate Release	
Connector F Pin 42: Right Rear Turn Signal	Right Rear Turn Signal	
Connector F Pin 25: Left Rear Turn Lamp Fault Sense	Disable	
Stop/Start Enable Switch Present	Not Set	
Connector A Pin 2: Right High Beam Feed	Right High Beam (0)	
Connector D Pin 1: Left High Beam Feed	Left High Beam (0)	
Connector F Pin 27: Left Sliding Door Ajar	Left Sliding Door Ajar	
Connector E Pin 5: E-5 PHEV Fuel Door Switch Input	PHEV Fuel Door Switch	
Connector E Pin 39: Right Rear Fog Lamp	Output Disable	
Connector E Pin 29: Rear Wiper Motor Park Signal	Reserved	
Connector F Pin 29: Horn Switch Input	Horn Switch Input	
Passive Ped Pro Present	False	
Tow Hooks Present	False	
1st Row Seat Side Airbags Present	True	
Passenger Kneebag Present	True	
BUX Market	False	
ODS Present	False	
Curtain Airbags Present	True	
Driver Kneebag Present	True	
Integrated EPP Present	False	
IPC	Set	
ESM	Set	
ORC	Set	
BCM (PT)	Set	
SCCM	Set	
ACC	Not Set	
PCM	Set	
PTS	Set	
EPS	Set	
RFH	Set	
AHLM	Not Set	
ESL	Not Set	
FFCM	Not Set	
ABSO	Set	
OCM	Set	
ABS	Not Set	
TCM	Not Set	
HCP	Set	
Accessory Delay Time	45	seconds
Sliding Door Chime Enable	Set	
Sliding Door Alert	Not Set	
Auto Unlock	Set	
Headlamps on with Wipers	Set	
Flash Lamps on Lock	Set	

Daytime Running Lamps	Set	
Auto Wipers	Not Set	
Sound Horn On Lock Status	Chirp on 1st press/FIRST	
Hands Free Sliding Door Enable	Set	
Sound Horn on Remote Start	Set	
Auto Lock	Set	
Unlock all doors on 1st press	Set	
Sound Horn on Lock	Set	
Illuminated Approach Time	30	seconds
Headlamp Delay Time	30	seconds
Auto Highbeam	Not Set	
IBS Quiescence Current Limit	-250	mA
IBS Minimal Charge Limit	10	AmpHrs
IBS Minimum Voltage Limit	5.0	Volts
Battery Type II	255	
Battery Types	SNA	
IBS Activate MWU	Not Set	
IBS Minimum Charge Limit	600	mA
Front Park/Turn Voltage	Park to Turn ratio 55 Percent	
Left Front Corner Voltage	13.2 Volts	
Left Low Beam Voltage Regulation	13.6 Volts	
Right High Beam Voltage Regulation	13.8 Volts	
Left Rear Corner Voltage	14 Volts	
Left High Beam Voltage Regulation	13.6 Volts	
Right Rear Corner Voltage	14 Volts	
Right Low Beam Voltage Regulation	14 Volts	
Auto Headlamp On Threshold	3.31409	Volt
Auto Headlamp Off Threshold	2.54930	Volt
Right Front Corner Voltage	13.4 Volts	
Rear View Camera Static Grid Lines Enabled	Not Set	
Rear View Camera Dynamic Grid Lines Enabled	Set	

RADIO CONFIGURATION

NAME	VALUE	UNITS
Compass on the bus messaging Authorization	Allowed	
GPS on the Bus messaging Authorization	Allowed	
Satellite Subscription Suspend Day	01	
Satellite Subscription Reason Code	00	
Satellite Subscription Suspend Year	46	
Satellite Subscription Suspend Month	01	
Satellite Subscription Status	Subscribed	
Satellite Subscription ID	5EPLKDHW	
Aux Jack	Not Inserted	
USB Hubs Detected	1	No Unit

SD Card Readers Detected	0	No Unit
Enumerated USB Devices	0	No Unit
DTV Short Term Configuration	—	
911 Button	On	
SDARS	True	
Internal CD Player	False	
Application Framework	True	
Bluetooth	True	
Navigation Active	True	
FM Diversity	False	
Cellular	True	
Wi-Fi	True	
Splash Screen	Chrysler	
Anti-Theft Enable Status	On	
Automated Loudness	On	
Front Seat Video Playback	Enabled	
Clock Defeat	Off	
Cabin EQ Curve Number Currently Used by Radio	00	
12/24 Time Selection	12 Hour Time	

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	

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 9	
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	

RECALLS

RECALL #	DESCRIPTION	STATUS

FLASHES



ECU DETAILS REPORT

Vehicle 2020 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
VIN [redacted]

Odometer 4467.0 miles
Publication Date Aug 18, 2021, 2:29:47 PM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
PCM	Powertrain Control Module	CAN-C	68444229AE	[redacted]		68444229AE
ICS	Integrated Center Stack	CAN-I	6UX601X8AA			6UX601X8AA
RFH	Radio Frequency Hub	CAN-C	68453559AB			68453559AB
ESM	Electronic Shifter	CAN-C	68240089AM			68240089AM
ORC	Occupant Restraint	CAN-C	68453076AD			68453076AD
EPS	Electric Power Steering	CAN-C	68460392AA			68460392AA
ANC	Active Noise Cancelation	CAN-I	68440556AB			68440556AB
HVAC	Heat, Ventilation and A/C	CAN-I	68447893AC			68447893AC
DDM	Driver Door Module	CAN-I	68424451AC			68424451AC
PDM	Passenger Door Module	CAN-I	68424450AC			68424450AC
DMRL	Door Module Rear Left	CAN-I	68225096AG			68225096AG
DMRR	Door Module Rear Right	CAN-I	68225096AG			68225096AG
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AD			68369596AD
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AD			68369596AD
PLGM	Power Liftgate	CAN-I	68316094AF			68316094AF
CSWM	Comfort Seat Wheel Module	CAN-I	68434910AC			68434910AC
IPC	Instrument Panel Cluster	CAN-C	68434956AD			68434956AD
PTS	Parktronics	CAN-C	68193772AJ			68193772AJ
SCCM	Steering Column Control Module	CAN-C	68360889AD			68360889AD
BCM	Body Controller	CAN-C	68424601AF			68424601AF
RADIO	Radio	CAN-I	68461768AD			68461768AD

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
APM	Accessory Power Module	CAN-C	05185046AB		05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193166AF		05193166AF
HCP	Hybrid Control Processor	CAN-C	05190289AC		05190289AC
OBCM	On Board Charging Module	CAN-C	05185047AE		05185047AE
DSM	Display Screen Module	CAN-I	68316175AC		68316175AC
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30PD2AA		6WL30PD2AA
EAC	Electric A/C Compressor	CAN-C	68237995AG		68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05190290AC		05190290AC
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB		68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD		68471122AD
SGW	Security Gateway Module	CAN-C	68447193AB		68447193AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
PCM	USA	1B 47	46 03 01	4419	DFF8E724
ICS	USA	0F 0C 00	12 25 00	4400	
RFH	USA / USA	10 17 00	13 09 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	
ANC	USA	0F 05 01	12 2C 01	4210	
HVAC	USA	0E 09 00	13 05 01	4401	
DDM	USA	11 07 00	13 0B 00	4202	
PDM	USA	11 07 00	13 0B 00	4202	
DMRL	USA / USA	10 0B 00	12 0C 00	4201	
DMRR	USA / USA	10 0B 00	12 0C 00	4201	
PSDML	USA / USA	10 17 00	14 10 12	4001	
PSDMR	USA / USA	10 17 00	14 10 12	4001	
PLGM	USA	17 19 00	18 22 00	4202	
CSWM	USA	11 2A 00	13 2C 00	4302	
IPC	USA / USA	12 06 00	14 0B 00	4704	

PTS	USA	0E 32 00	12 1F 00	4311	
SCCM	USA	13 28 00	13 29 00	4301	
BCM	USA	0D 11 00	14 1B 90	4415	
RADIO	USA	13 31 14	13 31 14	8205	
OCM	USA / USA	11 1F 01	0E 2F 02	4030	
HVACR	USA	0E 09 00	10 03 02	4301	
LBSS	USA / USA	11 30 02	12 0D 00	4202	
RBSS	USA / USA	11 30 02	12 0D 00	4202	
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM	Not programmed / COUNTRY_SNA	0E 03 00	14 17 00	4005	D721612D
HCP	USA	11 1F 04	13 30 01	4005	92BCF62B 04D8393A 050DC953
OBCM	USA	0F 0D 00	12 02 00	4002	
DSM	USA / USA	13 29 00	12 23 00	4000	
RCCC	USA	0F 1D 00	13 04 00	4000	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1F 04	13 30 01	4000	
EBBM	USA	0E 19 02	14 0D 18	4000	E5898FA5
ABSO	USA	0E 15 02	14 1B 26	4201	4F158D1B
SGW		5	779	4103	

ECU DETAILS

PCM DETAILS

NAME	VALUE
VIN Current	[redacted]
Odometer When Original VIN First Written	2668768948.7216
ECU Part Number	68444229AE
Variant ID	44
Software Version (Major/Middle/Minor)	46 03 01
Supplier ID	Motorola
Hardware Version (Major/Minor)	1B 47
Diagnostic Version	19
Vehicle Line	2D
Model Year	20
Country Code	USA
Body Style	Station Wagon
VIN - Original	[redacted]
Serial Number	T00EP2200IV529

ICS DETAILS

NAME	VALUE
VIN Original	[redacted]
VIN Current	[redacted]
Body Style	Station Wagon

Model Year	2020
Country Code	USA
Vehicle Line	RU
HW - Patch Level	00
HW - Year	0F
HW - Week	12
SW - year	18
SW - Patch Level	0
SW - week	37
Active Diagnostic Variant	44
Active Diagnostic Version	00
ECU Software Mode	Running in Application
ECU Serial Number	T176010101
Software Supplier Identification	Panasonic
ECU Part Number	6UX601X8AA
Hardware Supplier Identification	Panasonic

RFH DETAILS

NAME	VALUE
IAC Data	—
Hardware Version - Week	17
Hardware Version - Patch Level	00
Hardware Version - Year	10
ECU Part Number	68453559AB
ECU Serial Number	T01Z22070B1533
Software Version - Week	09
Software Version - Year	13
Software Version - Patch Level	00
Hardware Part Number	16135703AC
Hardware Supplier	Continental
VIN Current	2C4RC1L71LR270622
Body Style	station wagon / BODY_WAGON
Vehicle Line	RU
Country Code	USA / USA
Model Year	2020
Active Diagnostic Version	00
Active Diagnostic Session	Extended
ECU Software Mode	Running in Application
Active Diagnostic Variant	4A
Software Supplier	Continental
VIN Original	[redacted]

ESM DETAILS

NAME	VALUE

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

ORC DETAILS

NAME	VALUE
Active Diagnostic Variant	43
Active Diagnostic Version	01
Body Style	Station Wagon
Vehicle Line	RU / VEH_RU
Model Year	2020
Country Code	USA / USA
ECU Serial Number	T04JF2110G01B3

EPS DETAILS

NAME	VALUE
Vehicle Line	RU / VEH_RU
Body Style	Station Wagon
Country Code	USA / USA
Model Year	2020
HW - Week	42
HW - Year	2018
HW - Patch Level	00
VIN Current	[redacted]
Active Diagnostic Version	02
Active Diagnostic Variant	45
SW - Patch Level	01
SW - year	2018
SW - week	30
VIN Original	[redacted]
ECU Part Number	68460392AA

ANC DETAILS

NAME	VALUE
Hardware Part Number	68440556AB
ECU Part Number	68440556AB
EQ Software Version	048800
ECU Serial Number	4221AJ21200080
Active Diagnostic Variant	42
Active Diagnostic Version	10
VIN Current	[redacted]
Country Code	USA
Model Year	2020
Vehicle Line	RU

VIN Original	[redacted]

HVAC DETAILS

NAME	VALUE
VIN Current	[redacted]
ECU Part Number	68447893AC
VIN Original	[redacted]
Body Style	Station Wagon
Country Code	USA
Model Year	2020
ECU Serial Number	TEA290830P03
Active Diagnostic Version	01
Active Diagnostic Variant	44

DDM DETAILS

NAME	VALUE
ECU Part Number	68424451AC
Active Diagnostic Version	02
Active Diagnostic Variant	42
VIN Original	[redacted]
VIN Current	[redacted]

PDM DETAILS

NAME	VALUE
Serial Number	TRU4C220000020
Active Diagnostic Variant	42
Active Diagnostic Version	02
Active Diagnostic Session	Default
Gateway	False
ECU Part Number	68424450AC
VIN Current	[redacted]
VIN Original	[redacted]
Model Year	2020
Country Code	USA
Vehicle Line	RU

DMRL DETAILS

NAME	VALUE
Hardware Part Number	68225096AG
Software Part Number	68225096AG
Active Diagnostic Variant	42
Active Diagnostic Version	01
Body Style	Station Wagon
Vehicle Line	RU / VEH_RU

Model Year	2020
Country Code	USA / USA
VIN Original	2[redacted]
VIN Current	[redacted]
ECU Part Number	68225096AG

DMRR DETAILS

NAME	VALUE
ECU Part Number	68225096AG
Active Diagnostic Variant	42
Active Diagnostic Version	01
Software Part Number	68225096AG
VIN Current	[redacted]
Hardware Part Number	68225096AG
VIN Original	[redacted]
Country Code	USA / USA
Body Style	Station Wagon
Model Year	2020
Vehicle Line	RU / VEH_RU

PSDML DETAILS

NAME	VALUE
VIN Original	[redacted]
Vehicle Line	RU / VEH_RU
Country Code	USA / USA
Body Style	Station Wagon
Model Year	2020
ECU Part Number	68369596AD
Hardware Supplier Identification	Delphi
VIN Current	[redacted]
Active Diagnostic Variant	40
Active Diagnostic Version	01

PSDMR DETAILS

NAME	VALUE
VIN Current	[redacted]
VIN Original	[redacted]
Active Diagnostic Version	01
Active Diagnostic Variant	40
Vehicle Line	RU / VEH_RU
Country Code	USA / USA
Body Style	Station Wagon
Model Year	2020
Hardware Supplier Identification	Delphi

ECU Part Number	68369596AD

PLGM DETAILS

NAME	VALUE
Serial Number	TPLUF217001018
Chrysler Group Software Number	68316094AF
Model Year	2020
Country Code	USA
Vehicle Line	RU
Body Style	Station Wagon
Active Diagnostic Variant	42
Active Diagnostic Version	02
Chrysler Group Hardware Number	68316094AF
Hardware Supplier Identification	Continental

CSWM DETAILS

NAME	VALUE
ECU Part Number	68434910AC
Software Part Number	68434910AC
Software Logical Block Supplier Identification	Continental
Hardware Supplier Identification	Continental
Active Diagnostic Variant	43
ECU Software Mode	Running in Application
Gateway	False
Active Diagnostic Version	02
Vehicle Line	RU
Body Style	Station Wagon
Model Year	2020
Country Code	USA
VIN Current	[redacted]
Hardware Part Number	68434910AC

IPC DETAILS

NAME	VALUE
Software Supplier Identification	Nippon Seiki (NS Intl)
ECU Serial Number	TCL230000356
Active Diagnostic Variant	47
Active Diagnostic Version	04
Software - Week Block #0	11
Software - Year Block #0	2020
Software - Patch Level Block #0	00
Model Year	2020
Vehicle Line	RU
Country Code	USA / USA

Body Style	Station Wagon
Hardware Part Number	68434956AD
Hardware Supplier Identification	Nippon Seiki (NS Intl)
VIN Original	[redacted]
VIN Current	[redacted]
Hardware - Patch Level	00
Hardware - Week	6
Hardware - Year	2018
Software Logical Block #0 Part Number	68434954AD
ECU Part Number	68434956AD

PTS DETAILS

NAME	VALUE
Country Code	USA
Model Year	2020
Body Style	BODY_WAGON
Vehicle Line	RU
Serial Number	T00FF218000090
ECU Part Number	68193772AJ
VIN Original	[redacted]
Hardware Supplier Identification	Bosch
Active Diagnostic Session	Default
Active Diagnostic Variant	43
Active Diagnostic Version	11
ECU Software Mode	Running in Application
SW Part Number	68193772AJ
HW - Year	2014
HW - Week	50
HW - Patch Level	00
SW - week	31
SW - year	2018
SW - Patch Level	00
Software Supplier Identification	Bosch
VIN Current	[redacted]

SCCM DETAILS

NAME	VALUE
ECU Serial Number	S22000647
Hardware Part Number	10333273AA
SW - year	19
SW - Patch Level	0
SW - week	41
Hardware Supplier Identification	Kostal
Software Logical Block Supplier Identification	Kostal

VIN Current	[redacted]
Vehicle Line	RU
Model Year	2020
Country Code	USA
Body Style	BODY_WAGON
ECU Part Number	68360889AD
Software Logical Block #0 Part Number	10306803AB
VIN Original	[redacted]
HW - Week	40
HW - Patch Level	0
HW - Year	19
Active Diagnostic Version	1
Active Diagnostic Variant	43
ECU Software Mode	Running in Application

BCM DETAILS

NAME	VALUE
Software Logical Block Supplier Identification	Continental
Country Code	USA
Software Logical Block #0 Part Number	68424602AF
VIN Original	[redacted]
Active Diagnostic Variant	44
ECU Software Mode	Running in Application
Active Diagnostic Version	15
Hardware Supplier Identification	Continental
ECU Serial Number	TYH163000391
ECU Part Number	68424601AF
Ignition Run Start	Run/Start
VIN Current	[redacted]

RADIO DETAILS

NAME	VALUE
Hardware Part Number	CNSC19N0GL
ECU Part Number	68461768AD
Body Style	Wagon
Country Code	USA
Model Year	2020
Vehicle Line	RU
Software Supplier Identification	Panasonic
Market Selection Configuration	02
Hardware Supplier Identification	Panasonic
VIN Original	[redacted]
ECU Software Number	68461768AD
VIN Current	[redacted]

Active Diagnostic Variant	82
Active Diagnostic Version	05
ECU Serial Number	T M9223001760
Sales Code	V
SW - week	49
SW - Patch Level	14
SW - year	2019
ECU Hardware Version Number	20
HW - Patch Level	14
HW - Year	2019
HW - Week	49
Software Part Number	68461768AD
ECU Software Version Number	4913

OCM DETAILS

NAME	VALUE
Model Year	2020
Country Code	USA / USA
Vehicle Line	RU / VEH_RU
Body Style	Station Wagon
Active Diagnostic Variant	40
Active Diagnostic Version	30
ECU Serial Number	TRUJY21401412B
VIN Original	[redacted]
VIN Current	[redacted]
ECU Part Number	68403127AA
Software Logical Block #0 Part Number	28444600
Hardware Part Number	28608000

HVACR DETAILS

NAME	VALUE
Active Diagnostic Variant	43
Active Diagnostic Version	01
ECU Part Number	68373079AB
ECU Serial Number	FF FF FF FF FF FF FF FF FF FF FF FF
VIN Current	2C4RC1L71LR270622
Model Year	20
Country Code	USA
Body Style	Station Wagon
Vehicle Line	RU

LBSS DETAILS

NAME	VALUE
ECU Part Number	04672786AB

ECU Software Mode	Running in Application
Active Diagnostic Variant	42
Active Diagnostic Version	02
Active Diagnostic Session	Default
Gateway	False
VIN Original	[redacted]
VIN Current	[redacted]

RBSS DETAILS

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

APM DETAILS

NAME	VALUE
ECU Serial Number	TD6VA0620R4027
Active Diagnostic Variant	40
Active Diagnostic Version	01
Country Code	USA / USA
Vehicle Line	RU
Model Year	2016
VIN Original	[redacted]
VIN Current	[redacted]
ECU Part Number	05185046AB

BPCM DETAILS

NAME	VALUE
ECU Part Number	05193166AF
SW - week	23
SW - year	2020
SW - Patch Level	00
VIN Original	[redacted]
ECU Serial Number	TESIG216020028
VIN Current	[redacted]
Active Diagnostic Variant	40
Active Diagnostic Version	05

HCP DETAILS

NAME	VALUE
HCP SW Version	C19A
MCP SW Version	2003B0
Transmission Assembly Traceability Number	
Transmission Assembly Part Number	
ECU Serial Number	TMMVL1681A1331
Active Diagnostic Version	05
Active Diagnostic Variant	40
VIN Original	[redacted]
VIN Current	[redacted]

OBCM DETAILS

NAME	VALUE
VIN Original	[redacted]
Active Diagnostic Variant	40
Active Diagnostic Version	02
ECU Serial Number	TD63H2428R6409
ECU Part Number	05185047AE
VIN Current	[redacted]

DSM DETAILS

NAME	VALUE
Software Logical Block #0 Part Number	1808280001
ECU Part Number	68316175AC
ECU Serial Number	000000979082
Country Code	USA / USA
Vehicle Line	RU
Model Year	2020
Body Style	Station Wagon
Hardware Part Number	BGM9610100
VIN Original	[redacted]
VIN Current	[redacted]
Active Diagnostic Version	00
ECU Software Mode	Running in Application
Active Diagnostic Variant	40
Active Diagnostic Session	Default
Gateway	False

RCCC DETAILS

NAME	VALUE
ECU Serial Number	T085010635
VIN Original	[redacted]
ECU Software Mode	Running in Application
Active Diagnostic Version	00

Active Diagnostic Variant	40
Active Diagnostic Session	Default
Gateway	False
ECU Part Number	6WL30PD2AA
VIN Current	[redacted]
Vehicle Line	RU
Model Year	20
Country Code	USA
Body Style	Station Wagon
Hardware Part Number	68223337AB

EAC DETAILS

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

AHCP DETAILS

NAME	VALUE
AHCP SW Version	C19A
MCPA SW Version	2003B0
Active Diagnostic Version	00
Active Diagnostic Variant	40
Body Style	Station Wagon
Model Year	2020
Vehicle Line	RU
VIN Original	[redacted]
Hardware Part Number	05190174AM
ECU Part Number	05190290AC
VIN Current	[redacted]

EBBM DETAILS

NAME	VALUE
Active Diagnostic Variant	40
Active Diagnostic Version	00
ECU Part Number	68461813AB
ECU Serial Number	T006M091963102

ABSO DETAILS

NAME	VALUE
Sensor Cluster Serial Number	2FJ40T10G011
Active Diagnostic Version	01

Active Diagnostic Variant	42
Model Year	2020
Body Style	Station Wagon
Country Code	USA
Vehicle Line	RU
ECU Part Number	68471122AD
ECU Serial Number	T004F205964191

SGW DETAILS

NAME	VALUE
VIN Original	[redacted]
Active Diagnostic Session Data Identifier	Extended Diagnostic Session
System Supplier ECU Software Version Number	779
ECU Serial Number	54 46 31 31 36 32 32 32 30 4A 30 34 33 32 30
Diagnostic Version	03
Supplier ID	Bosch
Diagnostic Variant ID	41
System Supplier ECU Hardware Number	6002JE1371
ECU Part Number	68447193AB
System Supplier ECU Software Number	V230
System Supplier ECU Hardware Version Number	5



EVENT DATA REPORT

Vehicle	2020 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE	**Odometer**	4467.0 miles
VIN	[redacted]	**Publication Date**	Aug 18, 2021, 2:31:36 PM

EVENT DATA

No Event Data available

FREEZE FRAME REPORT

Vehicle	2020 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE	**Odometer**	4467.0 miles
VIN	[redacted]	**Publication Date**	Aug 18, 2021, 2:32:51 PM

FREEZE FRAME DATA

No Carb data available

No Freeze Frame #1 data available

No Freeze Frame #2 data available

No Freeze Frame #3 data available

No MisFire data available

No Most Recent DTC data available

FREEZE FRAME REPORT

Vehicle	2020 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE	**Odometer**	4467.0 miles
VIN	[redacted]	**Publication Date**	Aug 18, 2021, 2:32:51 PM

FREEZE FRAME DATA

No Carb data available

No Freeze Frame #1 data available

No Freeze Frame #2 data available

No Freeze Frame #3 data available

No MisFire data available

No Most Recent DTC data available



VEHICLE HEALTH REPORT

Vehicle 2020 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
VIN [redacted]

Odometer 4467.0 miles
Publication Date Aug 18, 2021, 2:31:59 PM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
PCM	Powertrain Control Module	CAN-C	68444229AE	[redacted]		68444229AE
ICS	Integrated Center Stack	CAN-I	6UX601X8AA			6UX601X8AA
RFH	Radio Frequency Hub	CAN-C	68453559AB			68453559AB
ESM	Electronic Shifter	CAN-C	68240089AM			68240089AM
ORC	Occupant Restraint	CAN-C	68453076AD			68453076AD
EPS	Electric Power Steering	CAN-C	68460392AA			68460392AA
ANC	Active Noise Cancelation	CAN-I	68440556AB			68440556AB
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DDM	Driver Door Module	CAN-I	68424451AC			68424451AC
PDM	Passenger Door Module	CAN-I	68424450AC			68424450AC
DMRL	Door Module Rear Left	CAN-I	68225096AG			68225096AG
DMRR	Door Module Rear Right	CAN-I	68225096AG			68225096AG
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AD			68369596AD
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AD			68369596AD
PLGM	Power Liftgate	CAN-I	68316094AF			68316094AF
CSWM	Comfort Seat Wheel Module	CAN-I	68434910AC			68434910AC
IPC	Instrument Panel Cluster	CAN-C	68434956AD			68434956AD
PTS	Parktronics	CAN-C	68193772AJ			68193772AJ
SCCM	Steering Column Control Module	CAN-C	68360889AD			68360889AD
BCM	Body Controller	CAN-C	68424601AF			68424601AF
RADIO	Radio	CAN-I	68461768AD			68461768AD

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
APM	Accessory Power Module	CAN-C	05185046AB		05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193166AF		05193166AF
HCP	Hybrid Control Processor	CAN-C	05190289AC		05190289AC
OBCM	On Board Charging Module	CAN-C	05185047AE		05185047AE
DSM	Display Screen Module	CAN-I	68316175AC		68316175AC
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30PD2AA		6WL30PD2AA
EAC	Electric A/C Compressor	CAN-C	68237995AG		68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05190290AC		05190290AC
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB		68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD		68471122AD
SGW	Security Gateway Module	CAN-C	68447193AB		68447193AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
PCM	USA	1B 47	46 03 01	4419	DFF8E724
ICS	USA	0F 0C 00	12 25 00	4400	
RFH	USA / USA	10 17 00	13 09 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	
ANC	USA	0F 05 01	12 2C 01	4210	
HVAC	USA	0E 09 00	13 05 01	4401	
DDM	USA	11 07 00	13 0B 00	4202	
PDM	USA	11 07 00	13 0B 00	4202	
DMRL	USA / USA	10 0B 00	12 0C 00	4201	
DMRR	USA / USA	10 0B 00	12 0C 00	4201	
PSDML	USA / USA	10 17 00	14 10 12	4001	
PSDMR	USA / USA	10 17 00	14 10 12	4001	
PLGM	USA	17 19 00	18 22 00	4202	
CSWM	USA	11 2A 00	13 2C 00	4302	
IPC	USA / USA	12 06 00	14 0B 00	4704	

PTS	USA	0E 32 00	12 1F 00	4311	
SCCM	USA	13 28 00	13 29 00	4301	
BCM	USA	0D 11 00	14 1B 90	4415	
RADIO	USA	13 31 14	13 31 14	8205	
OCM	USA / USA	11 1F 01	0E 2F 02	4030	
HVACR	USA	0E 09 00	10 03 02	4301	
LBSS	USA / USA	11 30 02	12 0D 00	4202	
RBSS	USA / USA	11 30 02	12 0D 00	4202	
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM	Not programmed / COUNTRY_SNA	0E 03 00	14 17 00	4005	D721612D
HCP	USA	11 1F 04	13 30 01	4005	92BCF62B 04D8393A 050DC953
OBCM	USA	0F 0D 00	12 02 00	4002	
DSM	USA / USA	13 29 00	12 23 00	4000	
RCCC	USA	0F 1D 00	13 04 00	4000	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1F 04	13 30 01	4000	
EBBM	USA	0E 19 02	14 0D 18	4000	E5898FA5
ABSO	USA	0E 15 02	14 1B 26	4201	4F158D1B
SGW		5	779	4103	

FLASHES

RRTS

RRT #	DESCRIPTION	STATUS
20-069	2020 RU PHEV ELECTRONIC BRAKE BOOSTER MODULE (EBBM	Complete

RECALLS

RECALL #	DESCRIPTION	STATUS

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
BPCM	P0AA4-00	Hybrid/EV Battery Negative Contactor "A" Stuck Closed-	Active
BPCM	P0C77-00	HV Battery System Precharge Time Too Short-	Active
HCP	P0A0A-00	High Voltage System Interlock Circuit "A"-	Stored

ENVIRONMENTAL DATA SUMMARY

BPCM | P0AA4-00 | Active | Hybrid/EV Battery Negative Contactor "A" Stuck Closed-

NAME	VALUE	UNITS
Frequency Counter	1	
Ignition Cycle Counter	0	
FoM - for this DTC (lifetime fails)	7	events
FoM - for this DTC (lifetime fails counts on pass)	0.0000	seconds

FoM - for this DTC (lifetime longest fail on pass)	0.000	seconds
Battery Total Time Awake	28974008	seconds
Key in Ignition	Key_Def	
Key Position	Ign_Lock	
EPT -WakeUp	Not Sourced	
HCP Contactor Command	Open	
Qualified Contactor Command - QCC	Open	
Verified Contactor Command - VCC	Open	
Contactor Status	PreCharging Failed	
Plug in Status	Not plugged in	
ChargingLevel	Plug in, but no charge	
Balance Mode	False	
Battery in Periodic wake up (Just battery) at time of Fault	False	
Battery in Periodic wake up (Wake up vehicle) at time of Fault	False	
Vehicle mileage at time of fault (ODO signal in $3D2)	4466.87	miles
Battery Lifetime Miles	2F58BD	miles
Vehicle Speed	0.0	MPH
System (12) Volts at time of fault	11.834	Volts
Battery Lifetime AmpHrs of Charge	1878.2	AHr
Battery Lifetime AmpHrs of DisCharge	1847.7	AHr
SOC at time of Fault	85.9	%
Power Up SOC at time of Fault	85.9	%
HVIL Status -Vehicle	Not Sourced	
HVIL Status - Battery pack	PASS	
HVIL PWM Duty Cycle - Vehicle	0.0	%
HVIL PWM Frequency - Vehicle	0.0	Hz
HVIL PWM peak voltage Sourced - Vehicle	0.349	Volts
HVIL PWM peak voltage Sensed - Vehicle	0.357	Volts
HVIL Source Voltage- Battery	1.377	Volts
HVIL Returned current - Battery	30.60	mA
HV Battery Current Sensor 1 Hall High	-1.90	Amps
HV Battery Current Sensor 2 Hall Low	0.00	Amps
HV Battery Current HVBatCrnt	0.00	Amps
HV Cooling Speed Pump 1 Target	0	rpm
HV Cooling Speed pump 1 Speed	0	rpm
Charge indicator Temp	82	°F
BPCM temperature max	73	°F
BPCM temperature min	72	°F
Pump - Wire Open\Short to Gnd	PASS	
Pump - Dry Run Detection	PASS	
Pump - Overcurrent	PASS	
Pump - Overtemperature	PASS	
Pump - Switch Power Shorted	PASS	
Isolation Circuitry Va	2.500	Volts

Isolation Circuitry Vb	2.502	Volts
Isolation Circuitry Vd	0.000	Volts
WC and Circuitry 2.5V Reference Voltage	2.501	Volts
WC and Circuitry Vcc Voltage	4.990	Volts
WC and CircuitryISO 8V Reference Voltage	7.990	Volts
WC and Circuitry Weld Contactor Sensor G (Pack Negative) Voltage	-4.0	Volts
Cycles left to self heal	40	No Unit
Fault trigger level 1	False	
Fault trigger level 2	False	
Fault trigger level 3	False	
Fault Path	01	
HV Battery Charge Power 2sec	82338	watts
HV Battery Charge Power 10sec	66060	watts
HV Battery Discharge Power 2sec	105120	watts
HV Battery Discharge Power 10sec	102783	watts
HV Battery Power	007530	watts
Key - DriveRdy (CAN)	True	
Battery Lifetime Number Of Closes	722	
Battery Full AmpHr Capacity	49	AmpHrs
Cell Impedance Max Discharge	0	mOhms
Cell Impedance Mim Discharge	0	mOhms
Battery Cell Voltage Maximum	4033	mV
Battery Cell Voltage Minimum	4016	mV
Battery Cell Voltage Average	4022	mV
Battery Cell Highest Cell number	88	
Battery Cell Lowest Cell number	50	
HV Battery Voltage (cell sum)	386.10	Volts
HV Battery Voltage (Module Sum)	385.90	Volts
HV Sensor A Pack Voltage	386.00	Volts
HV Sensor B Bus\Link (Pre-Fuse) Voltage	1.30	Volts
HV Sensor C OBCM (HVOBC Fuse) Voltage	0.90	Volts
HV Sensor D Heater (HVHTR Fuse) Voltage	0.90	Volts
HV Sensor G Weld Contactor(Pack Negative) Voltage	-4.0	Volts
Battery Temperature Maximum Module	73	°F
Battery Temperature Minimum Module	72	°F
Battery Temperature Average Module	73	°F
Battery Temperature Highest Sensor number	07	
Battery Temperature Lowest Sensor number	10	
Battery Temperature Number of Failing Sensors	00	
HV Cooling Pump Relay Drive	Not Sourced	
HV Cooling Battery coolant inlet temp	75	°F
HV Cooling Battery coolant outlet temp	75	°F
HV Cooling OBCM temp inlet Temp	81	°F
Pump - Battery Coolant Level Low	False	

Isolation Vehicle Diagnostic Status	Run and Passed	
Isolation Vehicle Impedance	7.4750	Mega Ohms
Isolation Battery Diagnostic Status	Run and Passed	
Isolation Battery Impedance	0.8480	Mega Ohms
HV Bat SOH-R	3.1	%
HV Bat SOH-C	93.7	%
BPCM Sec Asic Reset Req	Not active	
BPCM Sec QA Error Counter	0	cnts
BPCM Sec MM Hw Reset Error Counter	0	cnts
BPCM Sec Asic Fault Input	Not active	
BPCM Sec CC Path Test Active	Not active	
BPCM L2 General Monitoring Flt Rsn	L2L1_CELL_MAX_V_CMP_FLT	
BPCM L2 CC Path Test Req	Undetermined	
BPCM L2 Contactor Dslb Req	Undetermined	
BPCM L2 ASIC Diagnostic Flt Rsn	ADCTest	
BPCM Sec HW Timer Status	Not active	
BPCM Sec Contactor State	Open	
BPCM Main HW Timer Status	Not active	
BPCM Sec Asic Fault State	Undefined	
BPCM L2 SM Hw Reset Error Counter	0	No Unit
Engine Speed	0	rpm
Accelerator position	0.0	%
Real time clock	429496.7295	seconds
Real time clock-OS Task Delay Timer	2	
Real Time Clock Validity	True	
DTC	0A A4 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Original Odometer Value	4464	miles
Most Recent Odometer Value	4464	miles
DTC Extended Data Record Number - 2	0E	

BPCM | P0C77-00 | Active | HV Battery System Precharge Time Too Short-

NAME	VALUE	UNITS
Frequency Counter	1	
Ignition Cycle Counter	0	

FoM - for this DTC (lifetime fails)	1	events
FoM - for this DTC (lifetime fails counts on pass)	0.0000	seconds
FoM - for this DTC (lifetime longest fail on pass)	0.000	seconds
Battery Total Time Awake	28974004	seconds
Key in Ignition	Key_Def	
Key Position	Ign_Lock	
EPT -WakeUp	Sourced	
HCP Contactor Command	Closed	
Qualified Contactor Command - QCC	Closed	
Verified Contactor Command - VCC	Closed Restricted	
Contactor Status	Closed	
Plug in Status	Not plugged in	
ChargingLevel	Plug in, but no charge	
Balance Mode	False	
Battery in Periodic wake up (Just battery) at time of Fault	False	
Battery in Periodic wake up (Wake up vehicle) at time of Fault	False	
Vehicle mileage at time of fault (ODO signal in $3D2)	4466.87	miles
Battery Lifetime Miles	2FC910	miles
Vehicle Speed	0.0	MPH
System (12) Volts at time of fault	10.970	Volts
Battery Lifetime AmpHrs of Charge	1878.2	AHr
Battery Lifetime AmpHrs of DisCharge	1847.7	AHr
SOC at time of Fault	85.9	%
Power Up SOC at time of Fault	85.9	%
HVIL Status -Vehicle	PASS	
HVIL Status - Battery pack	PASS	
HVIL PWM Duty Cycle - Vehicle	50.2	%
HVIL PWM Frequency - Vehicle	87.9	Hz
HVIL PWM peak voltage Sourced - Vehicle	9.646	Volts
HVIL PWM peak voltage Sensed - Vehicle	9.620	Volts
HVIL Source Voltage- Battery	1.385	Volts
HVIL Returned current - Battery	30.60	mA
HV Battery Current Sensor 1 Hall High	-0.85	Amps
HV Battery Current Sensor 2 Hall Low	0.00	Amps
HV Battery Current HVBatCrnt	0.00	Amps
HV Cooling Speed Pump 1 Target	0	rpm
HV Cooling Speed pump 1 Speed	0	rpm
Charge indicator Temp	82	°F
BPCM temperature max	73	°F
BPCM temperature min	72	°F
Pump - Wire Open\Short to Gnd	PASS	
Pump - Dry Run Detection	PASS	
Pump - Overcurrent	PASS	
Pump - Overtemperature	PASS	

Pump - Switch Power Shorted	PASS	
Isolation Circuitry Va	2.510	Volts
Isolation Circuitry Vb	2.502	Volts
Isolation Circuitry Vd	0.000	Volts
WC and Circuitry 2.5V Reference Voltage	2.501	Volts
WC and Circuitry Vcc Voltage	4.990	Volts
WC and CircuitryISO 8V Reference Voltage	7.990	Volts
WC and Circuitry Weld Contactor Sensor G (Pack Negative) Voltage	381.4	Volts
Cycles left to self heal	40	No Unit
Fault trigger level 1	False	
Fault trigger level 2	False	
Fault trigger level 3	False	
Fault Path	01	
HV Battery Charge Power 2sec	83556	watts
HV Battery Charge Power 10sec	66438	watts
HV Battery Discharge Power 2sec	105123	watts
HV Battery Discharge Power 10sec	102789	watts
HV Battery Power	007530	watts
Key - DriveRdy (CAN)	True	
Battery Lifetime Number Of Closes	721	
Battery Full AmpHr Capacity	49	AmpHrs
Cell Impedance Max Discharge	0	mOhms
Cell Impedance Mim Discharge	0	mOhms
Battery Cell Voltage Maximum	4033	mV
Battery Cell Voltage Minimum	4016	mV
Battery Cell Voltage Average	4022	mV
Battery Cell Highest Cell number	87	
Battery Cell Lowest Cell number	36	
HV Battery Voltage (cell sum)	386.10	Volts
HV Battery Voltage (Module Sum)	385.90	Volts
HV Sensor A Pack Voltage	386.00	Volts
HV Sensor B Bus\Link (Pre-Fuse) Voltage	386.10	Volts
HV Sensor C OBCM (HVOBC Fuse) Voltage	386.00	Volts
HV Sensor D Heater (HVHTR Fuse) Voltage	386.00	Volts
HV Sensor G Weld Contactor(Pack Negative) Voltage	381.4	Volts
Battery Temperature Maximum Module	73	°F
Battery Temperature Minimum Module	72	°F
Battery Temperature Average Module	73	°F
Battery Temperature Highest Sensor number	07	
Battery Temperature Lowest Sensor number	10	
Battery Temperature Number of Failing Sensors	00	
HV Cooling Pump Relay Drive	Not Sourced	
HV Cooling Battery coolant inlet temp	75	°F
HV Cooling Battery coolant outlet temp	75	°F

HV Cooling OBCM temp inlet Temp	81	°F
Pump - Battery Coolant Level Low	False	
Isolation Vehicle Diagnostic Status	Run and Passed	
Isolation Vehicle Impedance	7.4750	Mega Ohms
Isolation Battery Diagnostic Status	Run and Passed	
Isolation Battery Impedance	0.8480	Mega Ohms
HV Bat SOH-R	3.1	%
HV Bat SOH-C	93.7	%
BPCM Sec Asic Reset Req	Not active	
BPCM Sec QA Error Counter	0	cnts
BPCM Sec MM Hw Reset Error Counter	0	cnts
BPCM Sec Asic Fault Input	Not active	
BPCM Sec CC Path Test Active	Not active	
BPCM L2 General Monitoring Flt Rsn	L2L1_CELL_MAX_V_CMP_FLT	
BPCM L2 CC Path Test Req	Undetermined	
BPCM L2 Contactor Dslb Req	Undetermined	
BPCM L2 ASIC Diagnostic Flt Rsn	ADCTest	
BPCM Sec HW Timer Status	Not active	
BPCM Sec Contactor State	PULLIN	
BPCM Main HW Timer Status	Not active	
BPCM Sec Asic Fault State	Undefined	
BPCM L2 SM Hw Reset Error Counter	0	No Unit
Engine Speed	0	rpm
Accelerator position	0.0	%
Real time clock	429496.7295	seconds
Real time clock-OS Task Delay Timer	0	
Real Time Clock Validity	True	
DTC	0C 77 00	
Test Failed	True	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	True	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Original Odometer Value	4464	miles
Most Recent Odometer Value	4464	miles
DTC Extended Data Record Number - 2	47	

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

NAME	VALUE	UNITS

DTC	0A 0A 00	
Test Failed	False	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
Occurrence flag	Occurrence	
Original Odometer Value	4467.0	miles
Most Recent Odometer Value	4467.0	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Real time clock	28971780	sec
RAM stamps keyOn	45	sec
RAM Stamps	75	Min
Accelerator Pedal Position	0	%
Brake Switch Status	Not Applied	
Engine Speed	0	rpm
HV Battery SOC	86	%
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	False	
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	77	°F
Motor B Temp Sensor	75	°F
Barometric Pressure	15	PSI
Engine Coolant Temperature	72	°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	-0.092	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	-0.092	Ft-Lbs
Available Motor Torque - Motor A	88.496	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Regen Torque - Motor A	-88.496	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	-4	AMP
Motor B - Inverter Current - phase C	-4	AMP
Motor B Resolver Angle	Not Programmed	Degree
Motor A Resolver Angle	Not Programmed	Degree
Electric Motor A Speed	0.0	rpm
Electric Motor B Speed	0.0	rpm
PIM DC Link Voltage - A	5	Volts
PIM DC Link Voltage - B	6	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_C19A_2003B0_RU_HCP__	
HCP SW Version	C19A	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Open	
APM Status	Idle	
Impact Event	False	
Outside Air Temperature	77.0	°F
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	11.664	Volts
Battery Feed Voltage 2 Sense	11.664	Volts
Battery Feed Voltage 3 Sense	11.664	Volts
Hybrid System State	SNA	
Inverter A IGBT Temperature for phase A	32	°F
Inverter A IGBT Temperature for phase B	32	°F
Inverter A IGBT Temperature for phase C	32	°F
Inverter B IGBT Temperature for phase A	32	°F
Inverter B IGBT Temperature for phase B	32	°F
Inverter B IGBT Temperature for phase C	32	°F
PHEV Charging Status	No Charging	
Distance Travelled with Light ON	0	miles
GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms



VEHICLE SCAN REPORT

Vehicle 2020 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
VIN [redacted]

Odometer 4467.0 miles
Publication Date Aug 18, 2021, 2:30:54 PM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
PCM	Powertrain Control Module	CAN-C	68444229AE	[redacted]		68444229AE
ICS	Integrated Center Stack	CAN-I	6UX601X8AA			6UX601X8AA
RFH	Radio Frequency Hub	CAN-C	68453559AB			68453559AB
ESM	Electronic Shifter	CAN-C	68240089AM			68240089AM
ORC	Occupant Restraint	CAN-C	68453076AD			68453076AD
EPS	Electric Power Steering	CAN-C	68460392AA			68460392AA
ANC	Active Noise Cancelation	CAN-I	68440556AB			68440556AB
HVAC	Heat, Ventilation and A/C	CAN-I	68447893AC			68447893AC
DDM	Driver Door Module	CAN-I	68424451AC			68424451AC
PDM	Passenger Door Module	CAN-I	68424450AC			68424450AC
DMRL	Door Module Rear Left	CAN-I	68225096AG			68225096AG
DMRR	Door Module Rear Right	CAN-I	68225096AG			68225096AG
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AD			68369596AD
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AD			68369596AD
PLGM	Power Liftgate	CAN-I	68316094AF			68316094AF
CSWM	Comfort Seat Wheel Module	CAN-I	68434910AC			68434910AC
IPC	Instrument Panel Cluster	CAN-C	68434956AD			68434956AD
PTS	Parktronics	CAN-C	68193772AJ			68193772AJ
SCCM	Steering Column Control Module	CAN-C	68360889AD			68360889AD
BCM	Body Controller	CAN-C	68424601AF			68424601AF
RADIO	Radio	CAN-I	68461768AD			68461768AD

OCM	Occupant Classification	CAN-C	68403127AA	[redacted]	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
APM	Accessory Power Module	CAN-C	05185046AB		05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193166AF		05193166AF
HCP	Hybrid Control Processor	CAN-C	05190289AC		05190289AC
OBCM	On Board Charging Module	CAN-C	05185047AE		05185047AE
DSM	Display Screen Module	CAN-I	68316175AC		68316175AC
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30PD2AA		6WL30PD2AA
EAC	Electric A/C Compressor	CAN-C	68237995AG		68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05190290AC		05190290AC
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB		68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD		68471122AD
SGW	Security Gateway Module	CAN-C	68447193AB		68447193AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
PCM	USA	1B 47	46 03 01	4419	DFF8E724
ICS	USA	0F 0C 00	12 25 00	4400	
RFH	USA / USA	10 17 00	13 09 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	
ANC	USA	0F 05 01	12 2C 01	4210	
HVAC	USA	0E 09 00	13 05 01	4401	
DDM	USA	11 07 00	13 0B 00	4202	
PDM	USA	11 07 00	13 0B 00	4202	
DMRL	USA / USA	10 0B 00	12 0C 00	4201	
DMRR	USA / USA	10 0B 00	12 0C 00	4201	
PSDML	USA / USA	10 17 00	14 10 12	4001	
PSDMR	USA / USA	10 17 00	14 10 12	4001	
PLGM	USA	17 19 00	18 22 00	4202	
CSWM	USA	11 2A 00	13 2C 00	4302	
IPC	USA / USA	12 06 00	14 0B 00	4704	

PTS	USA	0E 32 00	12 1F 00	4311	
SCCM	USA	13 28 00	13 29 00	4301	
BCM	USA	0D 11 00	14 1B 90	4415	
RADIO	USA	13 31 14	13 31 14	8205	
OCM	USA / USA	11 1F 01	0E 2F 02	4030	
HVACR	USA	0E 09 00	10 03 02	4301	
LBSS	USA / USA	11 30 02	12 0D 00	4202	
RBSS	USA / USA	11 30 02	12 0D 00	4202	
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM	Not programmed / COUNTRY_SNA	0E 03 00	14 17 00	4005	D721612D
HCP	USA	11 1F 04	13 30 01	4005	92BCF62B 04D8393A 050DC953
OBCM	USA	0F 0D 00	12 02 00	4002	
DSM	USA / USA	13 29 00	12 23 00	4000	
RCCC	USA	0F 1D 00	13 04 00	4000	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1F 04	13 30 01	4000	
EBBM	USA	0E 19 02	14 0D 18	4000	E5898FA5
ABSO	USA	0E 15 02	14 1B 26	4201	4F158D1B
SGW		5	779	4103	

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
BPCM	P0AA4-00	Hybrid/EV Battery Negative Contactor "A" Stuck Closed-	Active
BPCM	P0C77-00	HV Battery System Precharge Time Too Short-	Active
HCP	P0A0A-00	High Voltage System Interlock Circuit "A"-	Stored

ENVIRONMENTAL DATA SUMMARY

BPCM | P0AA4-00 | Active | Hybrid/EV Battery Negative Contactor "A" Stuck Closed-

NAME	VALUE	UNITS
Frequency Counter	1	
Ignition Cycle Counter	0	
FoM - for this DTC (lifetime fails)	7	events
FoM - for this DTC (lifetime fails counts on pass)	0.0000	seconds
FoM - for this DTC (lifetime longest fail on pass)	0.000	seconds
Battery Total Time Awake	28974008	seconds
Key in Ignition	Key_Def	
Key Position	Ign_Lock	
EPT -WakeUp	Not Sourced	
HCP Contactor Command	Open	
Qualified Contactor Command - QCC	Open	
Verified Contactor Command - VCC	Open	
Contactor Status	PreCharging Failed	

Plug in Status	Not plugged in	
ChargingLevel	Plug in, but no charge	
Balance Mode	False	
Battery in Periodic wake up (Just battery) at time of Fault	False	
Battery in Periodic wake up (Wake up vehicle) at time of Fault	False	
Vehicle mileage at time of fault (ODO signal in $3D2)	4466.87	miles
Battery Lifetime Miles	2F58BD	miles
Vehicle Speed	0.0	MPH
System (12) Volts at time of fault	11.834	Volts
Battery Lifetime AmpHrs of Charge	1878.2	AHr
Battery Lifetime AmpHrs of DisCharge	1847.7	AHr
SOC at time of Fault	85.9	%
Power Up SOC at time of Fault	85.9	%
HVIL Status -Vehicle	Not Sourced	
HVIL Status - Battery pack	PASS	
HVIL PWM Duty Cycle - Vehicle	0.0	%
HVIL PWM Frequency - Vehicle	0.0	Hz
HVIL PWM peak voltage Sourced - Vehicle	0.349	Volts
HVIL PWM peak voltage Sensed - Vehicle	0.357	Volts
HVIL Source Voltage- Battery	1.377	Volts
HVIL Returned current - Battery	30.60	mA
HV Battery Current Sensor 1 Hall High	-1.90	Amps
HV Battery Current Sensor 2 Hall Low	0.00	Amps
HV Battery Current HVBatCrnt	0.00	Amps
HV Cooling Speed Pump 1 Target	0	rpm
HV Cooling Speed pump 1 Speed	0	rpm
Charge indicator Temp	82	°F
BPCM temperature max	73	°F
BPCM temperature min	72	°F
Pump - Wire Open\Short to Gnd	PASS	
Pump - Dry Run Detection	PASS	
Pump - Overcurrent	PASS	
Pump - Overtemperature	PASS	
Pump - Switch Power Shorted	PASS	
Isolation Circuitry Va	2.500	Volts
Isolation Circuitry Vb	2.502	Volts
Isolation Circuitry Vd	0.000	Volts
WC and Circuitry 2.5V Reference Voltage	2.501	Volts
WC and Circuitry Vcc Voltage	4.990	Volts
WC and CircuitryISO 8V Reference Voltage	7.990	Volts
WC and Circuitry Weld Contactor Sensor G (Pack Negative) Voltage	-4.0	Volts
Cycles left to self heal	40	No Unit
Fault trigger level 1	False	
Fault trigger level 2	False	

Fault trigger level 3	False	
Fault Path	01	
HV Battery Charge Power 2sec	82338	watts
HV Battery Charge Power 10sec	66060	watts
HV Battery Discharge Power 2sec	105120	watts
HV Battery Discharge Power 10sec	102783	watts
HV Battery Power	007530	watts
Key - DriveRdy (CAN)	True	
Battery Lifetime Number Of Closes	722	
Battery Full AmpHr Capacity	49	AmpHrs
Cell Impedance Max Discharge	0	mOhms
Cell Impedance Mim Discharge	0	mOhms
Battery Cell Voltage Maximum	4033	mV
Battery Cell Voltage Minimum	4016	mV
Battery Cell Voltage Average	4022	mV
Battery Cell Highest Cell number	88	
Battery Cell Lowest Cell number	50	
HV Battery Voltage (cell sum)	386.10	Volts
HV Battery Voltage (Module Sum)	385.90	Volts
HV Sensor A Pack Voltage	386.00	Volts
HV Sensor B Bus\Link (Pre-Fuse) Voltage	1.30	Volts
HV Sensor C OBCM (HVOBC Fuse) Voltage	0.90	Volts
HV Sensor D Heater (HVHTR Fuse) Voltage	0.90	Volts
HV Sensor G Weld Contactor(Pack Negative) Voltage	-4.0	Volts
Battery Temperature Maximum Module	73	°F
Battery Temperature Minimum Module	72	°F
Battery Temperature Average Module	73	°F
Battery Temperature Highest Sensor number	07	
Battery Temperature Lowest Sensor number	10	
Battery Temperature Number of Failing Sensors	00	
HV Cooling Pump Relay Drive	Not Sourced	
HV Cooling Battery coolant inlet temp	75	°F
HV Cooling Battery coolant outlet temp	75	°F
HV Cooling OBCM temp inlet Temp	81	°F
Pump - Battery Coolant Level Low	False	
Isolation Vehicle Diagnostic Status	Run and Passed	
Isolation Vehicle Impedance	7.4750	Mega Ohms
Isolation Battery Diagnostic Status	Run and Passed	
Isolation Battery Impedance	0.8480	Mega Ohms
HV Bat SOH-R	3.1	%
HV Bat SOH-C	93.7	%
BPCM Sec Asic Reset Req	Not active	
BPCM Sec QA Error Counter	0	cnts
BPCM Sec MM Hw Reset Error Counter	0	cnts

BPCM Sec Asic Fault Input	Not active	
BPCM Sec CC Path Test Active	Not active	
BPCM L2 General Monitoring Flt Rsn	L2L1_CELL_MAX_V_CMP_FLT	
BPCM L2 CC Path Test Req	Undetermined	
BPCM L2 Contactor Dslb Req	Undetermined	
BPCM L2 ASIC Diagnostic Flt Rsn	ADCTest	
BPCM Sec HW Timer Status	Not active	
BPCM Sec Contactor State	Open	
BPCM Main HW Timer Status	Not active	
BPCM Sec Asic Fault State	Undefined	
BPCM L2 SM Hw Reset Error Counter	0	No Unit
Engine Speed	0	rpm
Accelerator position	0.0	%
Real time clock	429496.7295	seconds
Real time clock-OS Task Delay Timer	2	
Real Time Clock Validity	True	
DTC	0A A4 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Original Odometer Value	4464	miles
Most Recent Odometer Value	4464	miles
DTC Extended Data Record Number - 2	0E	

BPCM | P0C77-00 | Active | HV Battery System Precharge Time Too Short-

NAME	VALUE	UNITS
Frequency Counter	1	
Ignition Cycle Counter	0	
FoM - for this DTC (lifetime fails)	1	events
FoM - for this DTC (lifetime fails counts on pass)	0.0000	seconds
FoM - for this DTC (lifetime longest fail on pass)	0.000	seconds
Battery Total Time Awake	28974004	seconds
Key in Ignition	Key_Def	
Key Position	Ign_Lock	
EPT -WakeUp	Sourced	
HCP Contactor Command	Closed	
Qualified Contactor Command - QCC	Closed	

Verified Contactor Command - VCC	Closed Restricted	
Contactor Status	Closed	
Plug in Status	Not plugged in	
ChargingLevel	Plug in, but no charge	
Balance Mode	False	
Battery in Periodic wake up (Just battery) at time of Fault	False	
Battery in Periodic wake up (Wake up vehicle) at time of Fault	False	
Vehicle mileage at time of fault (ODO signal in $3D2)	4466.87	miles
Battery Lifetime Miles	2FC910	miles
Vehicle Speed	0.0	MPH
System (12) Volts at time of fault	10.970	Volts
Battery Lifetime AmpHrs of Charge	1878.2	AHr
Battery Lifetime AmpHrs of DisCharge	1847.7	AHr
SOC at time of Fault	85.9	%
Power Up SOC at time of Fault	85.9	%
HVIL Status -Vehicle	PASS	
HVIL Status - Battery pack	PASS	
HVIL PWM Duty Cycle - Vehicle	50.2	%
HVIL PWM Frequency - Vehicle	87.9	Hz
HVIL PWM peak voltage Sourced - Vehicle	9.646	Volts
HVIL PWM peak voltage Sensed - Vehicle	9.620	Volts
HVIL Source Voltage- Battery	1.385	Volts
HVIL Returned current - Battery	30.60	mA
HV Battery Current Sensor 1 Hall High	-0.85	Amps
HV Battery Current Sensor 2 Hall Low	0.00	Amps
HV Battery Current HVBatCrnt	0.00	Amps
HV Cooling Speed Pump 1 Target	0	rpm
HV Cooling Speed pump 1 Speed	0	rpm
Charge indicator Temp	82	°F
BPCM temperature max	73	°F
BPCM temperature min	72	°F
Pump - Wire Open\Short to Gnd	PASS	
Pump - Dry Run Detection	PASS	
Pump - Overcurrent	PASS	
Pump - Overtemperature	PASS	
Pump - Switch Power Shorted	PASS	
Isolation Circuitry Va	2.510	Volts
Isolation Circuitry Vb	2.502	Volts
Isolation Circuitry Vd	0.000	Volts
WC and Circuitry 2.5V Reference Voltage	2.501	Volts
WC and Circuitry Vcc Voltage	4.990	Volts
WC and CircuitryISO 8V Reference Voltage	7.990	Volts
WC and Circuitry Weld Contactor Sensor G (Pack Negative) Voltage	381.4	Volts
Cycles left to self heal	40	No Unit

Fault trigger level 1	False	
Fault trigger level 2	False	
Fault trigger level 3	False	
Fault Path	01	
HV Battery Charge Power 2sec	83556	watts
HV Battery Charge Power 10sec	66438	watts
HV Battery Discharge Power 2sec	105123	watts
HV Battery Discharge Power 10sec	102789	watts
HV Battery Power	007530	watts
Key - DriveRdy (CAN)	True	
Battery Lifetime Number Of Closes	721	
Battery Full AmpHr Capacity	49	AmpHrs
Cell Impedance Max Discharge	0	mOhms
Cell Impedance Mim Discharge	0	mOhms
Battery Cell Voltage Maximum	4033	mV
Battery Cell Voltage Minimum	4016	mV
Battery Cell Voltage Average	4022	mV
Battery Cell Highest Cell number	87	
Battery Cell Lowest Cell number	36	
HV Battery Voltage (cell sum)	386.10	Volts
HV Battery Voltage (Module Sum)	385.90	Volts
HV Sensor A Pack Voltage	386.00	Volts
HV Sensor B Bus\Link (Pre-Fuse) Voltage	386.10	Volts
HV Sensor C OBCM (HVOBC Fuse) Voltage	386.00	Volts
HV Sensor D Heater (HVHTR Fuse) Voltage	386.00	Volts
HV Sensor G Weld Contactor(Pack Negative) Voltage	381.4	Volts
Battery Temperature Maximum Module	73	°F
Battery Temperature Minimum Module	72	°F
Battery Temperature Average Module	73	°F
Battery Temperature Highest Sensor number	07	
Battery Temperature Lowest Sensor number	10	
Battery Temperature Number of Failing Sensors	00	
HV Cooling Pump Relay Drive	Not Sourced	
HV Cooling Battery coolant inlet temp	75	°F
HV Cooling Battery coolant outlet temp	75	°F
HV Cooling OBCM temp inlet Temp	81	°F
Pump - Battery Coolant Level Low	False	
Isolation Vehicle Diagnostic Status	Run and Passed	
Isolation Vehicle Impedance	7.4750	Mega Ohms
Isolation Battery Diagnostic Status	Run and Passed	
Isolation Battery Impedance	0.8480	Mega Ohms
HV Bat SOH-R	3.1	%
HV Bat SOH-C	93.7	%
BPCM Sec Asic Reset Req	Not active	

BPCM Sec QA Error Counter	0	cnts
BPCM Sec MM Hw Reset Error Counter	0	cnts
BPCM Sec Asic Fault Input	Not active	
BPCM Sec CC Path Test Active	Not active	
BPCM L2 General Monitoring Flt Rsn	L2L1_CELL_MAX_V_CMP_FLT	
BPCM L2 CC Path Test Req	Undetermined	
BPCM L2 Contactor Dslb Req	Undetermined	
BPCM L2 ASIC Diagnostic Flt Rsn	ADCTest	
BPCM Sec HW Timer Status	Not active	
BPCM Sec Contactor State	PULLIN	
BPCM Main HW Timer Status	Not active	
BPCM Sec Asic Fault State	Undefined	
BPCM L2 SM Hw Reset Error Counter	0	No Unit
Engine Speed	0	rpm
Accelerator position	0.0	%
Real time clock	429496.7295	seconds
Real time clock-OS Task Delay Timer	0	
Real Time Clock Validity	True	
DTC	0C 77 00	
Test Failed	True	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	True	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
Original Odometer Value	4464	miles
Most Recent Odometer Value	4464	miles
DTC Extended Data Record Number - 2	47	

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

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

Occurrence flag	Occurrence	
Original Odometer Value	4467.0	miles
Most Recent Odometer Value	4467.0	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Real time clock	28971780	sec
RAM stamps keyOn	45	sec
RAM Stamps	75	Min
Accelerator Pedal Position	0	%
Brake Switch Status	Not Applied	
Engine Speed	0	rpm
HV Battery SOC	86	%
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	False	
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	77	°F
Motor B Temp Sensor	75	°F
Barometric Pressure	15	PSI
Engine Coolant Temperature	72	°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	-0.092	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	-0.092	Ft-Lbs
Available Motor Torque - Motor A	88.496	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Regen Torque - Motor A	-88.496	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	-4	AMP
Motor B - Inverter Current - phase C	-4	AMP
Motor B Resolver Angle	Not Programmed	Degree
Motor A Resolver Angle	Not Programmed	Degree
Electric Motor A Speed	0.0	rpm
Electric Motor B Speed	0.0	rpm
PIM DC Link Voltage - A	5	Volts
PIM DC Link Voltage - B	6	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_C19A_2003B0_RU_HCP__	
HCP SW Version	C19A	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Open	
APM Status	Idle	
Impact Event	False	
Outside Air Temperature	77.0	°F
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	11.664	Volts
Battery Feed Voltage 2 Sense	11.664	Volts
Battery Feed Voltage 3 Sense	11.664	Volts
Hybrid System State	SNA	
Inverter A IGBT Temperature for phase A	32	°F
Inverter A IGBT Temperature for phase B	32	°F
Inverter A IGBT Temperature for phase C	32	°F
Inverter B IGBT Temperature for phase A	32	°F
Inverter B IGBT Temperature for phase B	32	°F
Inverter B IGBT Temperature for phase C	32	°F
PHEV Charging Status	No Charging	
Distance Travelled with Light ON	0	miles
GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

SNAPSHOT DATA SUMMARY

No Snapshot Data available for P0AA4-00

No Snapshot Data available for P0C77-00

No Snapshot Data available for P0A0A-00



CONFIGURATION REPORT

Vehicle 2020 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
VIN [redacted]

Odometer 4467.0 miles
Publication Date Jun 21, 2021, 9:05:30 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
PCM	Powertrain Control Module	CAN-C	68444229AE	[redacted]	[redacted]	68444229AE
ICS	Integrated Center Stack	CAN-I	6UX601X8AA			6UX601X8AA
RFH	Radio Frequency Hub	CAN-C	68453559AB			68453559AB
ESM	Electronic Shifter	CAN-C	68240089AM			68240089AM
ORC	Occupant Restraint	CAN-C	68453076AD			68453076AD
EPS	Electric Power Steering	CAN-C	68460392AA			68460392AA
ANC	Active Noise Cancelation	CAN-I	68440556AB			68440556AB
HVAC	Heat, Ventilation and A/C	CAN-I	68447893AC			68447893AC
DDM	Driver Door Module	CAN-I	68424451AC			68424451AC
PDM	Passenger Door Module	CAN-I	68424450AC			68424450AC
DMRL	Door Module Rear Left	CAN-I	68225096AG			68225096AG
DMRR	Door Module Rear Right	CAN-I	68225096AG			68225096AG
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AD			68369596AD
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AD			68369596AD
PLGM	Power Liftgate	CAN-I	68316094AF			68316094AF
CSWM	Comfort Seat Wheel Module	CAN-I	68434910AC			68434910AC
IPC	Instrument Panel Cluster	CAN-C	68434956AD			68434956AD
PTS	Parktronics	CAN-C	68193772AJ			68193772AJ
SCCM	Steering Column Control Module	CAN-C	68360889AD			68360889AD
BCM	Body Controller	CAN-C	68424601AF			68424601AF
RADIO	Radio	CAN-I	68461768AD			68461768AD

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
APM	Accessory Power Module	CAN-C	05185046AB		05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193166AD		05193166AD
HCP	Hybrid Control Processor	CAN-C	05190289AC		05190289AC
OBCM	On Board Charging Module	CAN-C	05185047AE		05185047AE
DSM	Display Screen Module	CAN-I	68316175AC		68316175AC
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30PD2AA		6WL30PD2AA
EAC	Electric A/C Compressor	CAN-C	68237995AG		68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05190290AC		05190290AC
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB		68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD		68471122AD
SGW	Security Gateway Module	CAN-C	68447193AB		68447193AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
PCM	USA	1B 47	46 03 01	4419	DFF8E724
ICS	USA	0F 0C 00	12 25 00	4400	
RFH	USA / USA	10 17 00	13 09 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	
ANC	USA	0F 05 01	12 2C 01	4210	
HVAC	USA	0E 09 00	13 05 01	4401	
DDM	USA	11 07 00	13 0B 00	4202	
PDM	USA	11 07 00	13 0B 00	4202	
DMRL	USA / USA	10 0B 00	12 0C 00	4201	
DMRR	USA / USA	10 0B 00	12 0C 00	4201	
PSDML	USA / USA	10 17 00	14 10 12	4001	
PSDMR	USA / USA	10 17 00	14 10 12	4001	
PLGM	USA	17 19 00	18 22 00	4202	
CSWM	USA	11 2A 00	13 2C 00	4302	
IPC	USA / USA	12 06 00	14 0B 00	4704	

PTS	USA	0E 32 00	12 1F 00	4311	
SCCM	USA	13 28 00	13 29 00	4301	
BCM	USA	0D 11 00	14 1B 90	4415	
RADIO	USA	13 31 14	13 31 14	8205	
OCM	USA / USA	11 1F 01	0E 2F 02	4030	
HVACR	USA	0E 09 00	10 03 02	4301	
LBSS	USA / USA	11 30 02	12 0D 00	4202	
RBSS	USA / USA	11 30 02	12 0D 00	4202	
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM	Not programmed / COUNTRY_SNA	0E 03 00	13 18 03	4005	F5BC8401
HCP	USA	11 1D 07	13 30 01	4005	92BCF62B 04D8393A 050DC953
OBCM	USA	0F 0D 00	12 02 00	4002	
DSM	USA / USA	13 29 00	12 23 00	4000	
RCCC	USA	0F 1D 00	13 04 00	4000	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1D 07	13 30 01	4000	
EBBM	USA	0E 19 02	14 0D 18	4000	E5898FA5
ABSO	USA	0E 15 02	14 1B 26	4201	4F158D1B
SGW		5	779	4103	

CONFIGURATION

PCM CONFIGURATION

NAME	VALUE	UNITS
Secondary Mass Airflow Sensor Equipped	False	
Active Exhaust Pressure Sensor Equipped	False	
Electronic Parking Brake Equipped	True	
Active Exhaust Valve(s) Equipped	False	
High Side Port Tumble Valve Equipped	False	
Aux Coolant Pump Heater Equipped	False	
Heater Temp Control Valve Equipped	False	
Mechanical Coolant Pump Equipped	False	
Wastegate HBridge Equipped	False	
Remote Start Present	Present	
2.0 Liter I4 Direct Injection Engine	False	
Coolant On-Off Pump Equipped	Not Equipped	
1.0 Liter I3 Engine	False	
Primary Lin Alternator Equipped	Not Equipped	
Variable Valve Lift Equipped	Not Equipped	
Dual Fuel Tank Equipped	False	
Auxillary Coolant Pump Equipped	False	
Cooled EGR Equipped	False	
Dual Alternator Gen1 Capable	False	
A/C Relay Powered from Engine Switched Battery	False	

Supercharger Equipped	False	
Low Temp Radiator Coolant Pump Equipped	False	
PTO System Equipped	False	
CNG Large Gas Tank Equipped	False	
HPT 6-Speed Trans Equipped	False	
Hybrid MEC Shifter Equipped	False	
Engine Idle Shutoff Equipped	False	
ZF 9-Speed Trans Equipped	False	
MDS Equipped	False	
Variable Speed Fuel Pump Equipped	True	
ERS Equipped Indicator	False	
O2 Sensor Bank 1 Sensor 1 Equipped	True	
GPEC2 Equipped	False	
ESIM Equipped	False	
Intake Cam 2 Equipped	True	
Engine Stop Start Equipped	False	
Trans Skip Shift Equipped	False	
VFS Actuators Available Indicator	False	
Transmission Oil Heater Equipped	False	
Secondary Air Equipped	False	
3.5 Liter V6 Engine	False	
O2 Sensor Bank 2 Sensor 2 Equipped	True	
PWM Fan Motor System Equipped	True	
1 Speed Fan Mechanical Relay System Equipped	False	
Vehicle Speed Sensor #1 Calculated from CAN	False	
4.0 Liter I6 Engine	False	
6.1 Liter V8 Engine	False	
Active Engine Mount Equipped	False	
Primary Lin Alternator Equipped	False	
Auxiliary Heater Electric Water Pump Equipped	False	
Sensorless FFV Enabled	False	
Throttle Inlet Temp Sensor Equipped	False	
Electronic Automatic Transmission (EATX) Equipped	False	
WI4 Intake Flow Control Valve Equipped	False	
Wide Range O2 Sensor 1/1 Equipped	False	
2.7 Liter V6 Engine	False	
GPEC2A Equipped	True	
Auxiliary Coolant Pump Heater Equipped	Undefined	
Active Grille Shutter Equipped	True	
Cooled EGR Equipped	False	
GPEC4 Equipped	False	
Unleaded diesel fuel	False	
PTO System Equipped	False	
Supercharger Equipped	False	

WI4 Variable Valve Timing Equipped	True	
Oil Pressure Sensor Enabled	True	
Low Temperature Radiator Coolant Pump Equipped	False	
High Side Port Tumble Valve Equipped	Undefined	
Fiat VIN Learning Strategy Equipped	False	
ICC Cruise Equipped	False	
Starter Relay 2 Equipped	False	
ZF 9-Speed Transmission Equipped	False	
Next Gen Bus Equipped	False	
Humidity, Temperature and Pressure Sensor (LIN) Equipped	False	
3.0 Liter V6 Engine	False	
3.6 Liter V6 Engine	True	
Mechanical Coolant Pump Heater Equipped	False	
Active Exhaust Pressure Sensor Equipped	False	
VMM Equipped	False	
Dual Fuel Pressure Sensor Equipped	False	
Air Shutoff Valve Bank 1 Control Solenoid 2 Equipped	False	
Exhaust Cam 1 Equipped	True	
Trans Reverse Lockout Equipped	False	
Fan Wake Up Relay System Equipped	False	
66RFE / 68RFE	False	
Wastegate H-Bridge Equipped	Undefined	
Brake Pedal Sensor Equipped	False	
Viscosity Sensor Equipped	False	
Coolant On-Off Pump Equipped	False	
AC Equipped	False	
6.4 Liter V8 Engine	False	
Secondary Fuel Pump Equipped	False	
3.7 Liter V6 Engine	False	
Linear PWM Fan Relay System Equipped	False	
CMCV H-Bridge Equipped	Undefined	
Operator Idle Speed Request Equipped	False	
Tumble Generator Valve Equipped	False	
Electric Thermostat Heater Equipped	False	
CUSW PROXI Write Programming Support Enabled	False	
Electronic Throttle Control Equipped	True	
VLP Is Learnable Indicator	False	
AC Equipped Over Bus	False	
2.0 Liter WI4 engine	False	
1.0 Liter I3 Engine	False	
Electric Coolant Valve Equipped	False	
Engine Software In Package	True	
Adaptive Cruise Control Hardware Equipped	False	
Duty Cycle Purge Valve Equipped	True	

GPEC3 Equipped	False	
Air Shutoff Valve Bank 1 Control Solenoid 1 Equipped	False	
40TE / 41TE / 41TEA	False	
45RFE / 545RFE / 65RFE	False	
Coolant On-Off Valve Equipped	False	
Turbocharger Equipped	False	
EMAT (Getrag DCT transmission) Equipped	False	
Adaptive Cruise Control Equipped	False	
Dual Stage Oil Pump Equipped	True	
2.4 Liter WI4 engine	False	
Power Steering Switch Equipped	False	
O2 Sensor Bank 2 Sensor 1 Equipped	True	
Police Package Equipped	False	
3 Speed Fan Mechanical Relay System Equipped	False	
Engine Idle Shutoff Equipped	False	
Fixed displacement AC Equipped	True	
Clutch Interlock Switch Equipped	False	
Intake Cam 1 Equipped	True	
3.8 Liter V6 Engine	False	
Electronic Coolant Pump Equipped	False	
TIP Equipped	False	
Aisin 6-Speed RWD Transmission Equipped	False	
4 Speed Automatic Transmission Equipped	False	
Variable Displacement AC Equipped	False	
Active Exhaust Valve Equipped	False	
Exhaust Cam 2 Equipped	True	
Turbine Volute Valve Actuator Equipped	Undefined	
TOOLCONFIG_OIL_PRESS_ABS_EQUIPPED	True	
Buffered Crank Output for PHEV Engine Pulse Calculation Equipped	True	
Constant Heater Temperature Control Valve Equipped	False	
Continuous Variable Transmission Equipped	False	
3.3 Liter V6 Engine	False	
Brushless PWM Fan Equipped	NOT_FAN_PWM_BOSCH_BRUSHLESS_CNFG	
Electric Water Pump Equipped	False	
1.8 Liter WI4 engine	False	
4.7 Liter V8 Engine	False	
Compressed Natural Gas Equipped	False	
3.2 Liter V6 Engine	False	
Vehicle Speed Sensor #1 Calculated by ECU	False	
SRV Equipped	False	
62TE	False	
Battery Temp Sensor Equipped	False	
HPT 6-Speed Transmission Equipped	False	
DUAL_ALTERNATOR_GEN1_LEARNEDCOPY	False	

CUSW (29-Bit) Equipped	False	
Inrush Current Reduction Relay Equipped	False	
Dual Speed Fuel Pump Equipped	False	
CUSW (11-Bit) Equipped	False	
Shift Indicator Lamp Equipped	False	
VLP Equipped Indicator	False	
2 Speed Fan PWM Relay System Equipped	False	
4 Button Integrated Cruise Control	False	
Direct Injection Equipped	False	
Electronic Vacuum Pump Equipped	False	
Air Shutoff Valve Bank 2 Control Solenoid 2 Equipped	False	
Hybrid Electric Vehicle Equipped	True	
6.2 Liter V8 Engine	False	
5.7 Liter V8 Engine	False	
Wide Range O2 Sensor 2/1 Equipped	False	
Cummins Equipped	False	
Fiat 940 Compact Equipped	False	
A/C Equipped	True	
Knock Sensor 1 Equipped	True	
Yaw Rate Sensor ESC Equipped	False	
Unleaded Gasoline Fuel	True	
Port Flap Valve Equipped	False	
Barometric Sensor Equipped	False	
Auxiliary Coolant Pump Equipped	False	
O2 Sensor Bank 1 Sensor 2 Equipped	True	
42RLE	False	
MTV Solenoid Equipped	False	
Rear Heater Equipped	False	
Transmission Software Included	False	
O2 Sensor Bank 1 Sensor 3 Equipped	False	
ETC Cruise equipped	False	
Dual Fuel Tank Equipped	False	
2 Speed Fan 3 Driver 3 Relay System Equipped	False	
MultiAir Equipped	False	
Linear EGR Equipped	False	
Powernet Equipped	True	
Linear Purge Equipped	False	
Buffered Crank Output for ANC (Active Noise Cancellation) Equipped	True	
2 Speed Fan Mechanical Relay System Equipped	False	
Knock Sensor 2 Equipped	True	
Engine Oil Heater Cooler Equipped	True	
Bi-Directional Crank Sensor Equipped	True	
Dual Fuel Pressure Sensor Equipped	False	
CUSW 4-Button Cruise Equipped	False	

Make Up Air Sensor Equipped	False	
Cylinder Pressure Sensor Equipped	False	
Throttle Inlet Temp Sensor Equipped	False	
5 Button Cruise (LIN) Equipped	True	
Brake Pedal Sensor Equipped	False	
Power Steering Angle Sensor Mandatory	False	
INTAKE O2 SENSOR EQUIPPED	False	
LIN Humidity, Temp, and Pressure Sensor Equipped	False	
Operator Idle Speed Request Equipped	False	
SWAP HARDWIRED BRAKE SWITCH INPUTS	False	
Clutch Sensor Equipped	False	
Mass Airflow System Equipped	False	
Engine Oil Pressure Sensor Type	255	None

ICS CONFIGURATION

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

RFH CONFIGURATION

NAME	VALUE	UNITS
Hardware Configuration: Trunk Door Handle H/W	Simple Switch AP	
Hardware Configuration: Remote Start Antenna	Present	
Hardware Configuration: Front Right Door Handle H/W	Serial AP	
Hardware Configuration: Front Left Door Handle H/W	Serial AP	
Hardware Configuration: Rear Right Door Handle H/W	No AP	
Hardware Configuration: Rear Left Door Handle H/W	No AP	
Valid Key In Ignition	Yes	
Fob Location #3 Successfully Programmed	No	
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 NOT 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 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	False	
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	False	
Dynamic Steering Torque Feature Active	True	
Lane Feedback Feature Active	False	

ANC CONFIGURATION

NAME	VALUE	UNITS
Premuim - 2 (12 Channel)	False	
Premuim - 1 (8 channel)	False	
Premium - 3 (SRT8)	True	
Door Module - Left Rear	Present	
NetCFG Stat AT, I, PT	Request Data	
Door Module - Right Front	Present	
Door Module - Right Rear	Present	
Door Module - Left Front	Present	
Current ANC Calibration ID - Service	Harman ANC Module 3.6L	
Left/Right Hand Drive	SNA / Not Programmed	
ANC Status	Off - Door Mute	
ANC Calibration Date - Year	18	
ANC Calibration Date - Patch	4	
ANC Calibration Date - Week	45	

HVAC CONFIGURATION

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

DualZone ATC Control (Factory) (BB)	False	
DualZone ATC Control (BB)	False	
HVAC Configuration	Dual Zone ATC + Rear	

PDM CONFIGURATION

NAME	VALUE	UNITS
Frameless Window	False	

PSDML CONFIGURATION

NAME	VALUE	UNITS
VSIM Status	False	

PSDMR CONFIGURATION

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

CSWM CONFIGURATION

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

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	False	
Rear System with 6 Front Sensors	False	

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	
ECU Configuration 10	4	
Vehicle Config CSM1	4	
ECU Configuration 11	4	
ECU Configuration 6 (Brake)	4	
ECU Configuration 5 (Wireless)	4	
Programmed ECUs: P/T Chassis Network	4	
ECU Configuration 15 (Suspension)	4	
Programmed ECUs: Hybrid LAN Network	0	
ECU Configuration 8 (LIN and Miscellaneous)	4	
ECU Configuration 9A	4	
Vehicle Configuration 2 - Write Counter	4	
Vehicle Configuration 7 - Write Counter	4	
ECU Configuration 6 (Safety)	4	
ECU Configuration 2 (CBC Features)	4	
Vehicle Configuration 5 - Write Counter	4	
Programmed ECUs: Cabin Network	4	
Vehicle Configuration Auto Write Counter	1	
ECU Configuration 3	4	
ECU Configuration 7 (CBC Exterior Lighting Calibrations)	4	
ECU Configuration 12	4	
ECU Configuration 9 (ITM)	4	
ECU Configuration 1 (CBC Configurable Inputs and Outputs)	4	
ECU Configuration 14	4	
Vehicle Configuration 6 - Write Counter	4	
ECU Configuration 13	4	
ECU Configuration 5 (Memory)	4	
Vehicle Config CSM2	4	
ECU Configuration 15 (CBC Features)	4	
Programmed Network Configuration - Audio / Telematics Network	0	
Vehicle Configuration 4 - Write Counter	4	
ECU Configuration 6 (Powertrain)	4	
ECU Configuration 6 (Suspension)	4	
ECU Configuration 5 (Doors)	4	
ECU Configuration 4	4	

Vehicle Configuration 3 - Write Counter	4	
Last Configuration Odometer	0	miles
Vehicle Configuration 1 - Write Counter	4	
Emode Present	Not Set	
PTS Configuration	Rear / REAR	
Model Year	2020	
Vehicle Line	RU	
Hill Descent Feature Present	Not Set	
Body Style	Station Wagon	
Shifter Type	5 Position Rotary Eshifter PRNDL / Type RS5L	
Auto Highbeam	Not Set	
Drive Configuration	2WD Front	
Country Code	USA	
Special Packages	74	
Remote Start Present	Set	
Select Speed Control Feature Present	Not Set	
Left/Right Hand Drive	Left Hand Drive	
Performance Pages Present	Not Present	
Maximum Vehicle Speed	0	MPH
Max Load Inflation Pressure Rear Tire	36.0	PSI
Special Packages IC	Pacifica	
Power Inverter Type	No Power Inverter	
Cruise Feature is Present	Set	
Max Load Inflation Pressure Front Tire	36.0	PSI
Off Road Capable	Not Set	
Air Conditioning Present	Not Set	
Rain Sensor Present	Not Set	
Flipper Glass Present	Not Set	
SKIM System Present	Not Set	
Full Size Spare	Not Set	
Thatcham Present	Not Set	
Display Outside Temperature Present	Set	
Keyless Go Present	Set	
Vehicle is an SRT	Not Set	
Two Fuel Sending Units Present	Not Set	
Display Compass Heading Present	Set	
Wheel Base	Wheel base not programmed / WB_NP	
Auto Headlamp Feature Present	Set	
Premium TPM system present	Set	
Police Lighting Feature	Not Set	
Window Express Feature Configuration	Front windows express only	
Vehicle Brand	Chrysler	
Auto Park Present	Set	

T-Case Type	Not Present / Not Present	
Adjustable Pedal Feature Present (non-Memory)	Not Set	
Forward Collision Warning present	Not Set	
Paddle Shift Feature Present	Not Set	
Power Right Sliding Door Present	Set	
Disable Display of Radio Clock	Not Set	
FOBIK Safe Enable	Set	
Chassis Type	Type 9	
Fuel Capacity	17	gallons
ELV Present	Not Set	
Door Alert Feature Present	Not Set	
Passive Entry Present	Set	
RKE System Present	Set	
Secondary Lock Present	Not Set	
HVAC Configuration	Dual Zone ATC + Rear	
Sport Mode Present	Not Set	
ESCL system present	Not Set	
High Intensity Discharge Head Lamps	Not Set	
Collision Mitigation System present	Not Set	
Power Left Sliding Door Present	Set	
Liftgate/Trunk Type	Power Liftgate	
Base TPM system present	Not Set	
Transfer Case High Ratio	1.000	No Unit
Transfer Case Low Range Reduction Ratio	0.000	
Dynamic Tire Circumference (All or Rear)	89	inch
Axle Ratio	3.251	
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 E Pin 29: Rear Wiper Motor Park Signal Present	Set	
Connector D Pin 11: Stop/Turn Trailer Tow Left Output Present	Not Set	
Connector E Pin 9: Run-ACC Y Relay #2 Output Present	Set	
Connector G Pin 9: Ambient Light Dimmer Wheel Input Present	Set	
Connector E Pin 5: PHEV Fuel Door Switch Input	Set	
Connector G Pin 24 (Internally tied to Connector F Pin 7): Ambient Lighting Output	Not Set	
Connector F Pin 6: Fuel Door Motor Output Signal Present	Set	
Connector D Pin 15: Left Dedicated DRL Lamps Output Present	Set	
Connector A Pin 11: Hood Ajar Switch Input Present	Set	
Connector E Pin 4/Connector F Pin 32: Rear Park Lamps Output 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 7: Left HID Relay Control Output Present	Not Set	
Connector D Pin 10: Trailer Tow Tail Lamp Output Present	Not Set	
Connector G Pin 15: UGDO Feed Output Present	Set	

Connector F Pin 29: Horn Switch Present	Set	
Connector A Pin 1 and Connector D Pin 13: Front Fog 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 G Pin 22: VTA Warning LED Output Present	Set	
Connector F Pin 9: Analog Door Ajar Signal Front Driver Present	Set	
Connector E Pin 11: Vacuum Switch Input	Not Set	
Connector A Pin 10/Connector D Pin 5: Side Markers Output Present	Set	
Connector E Pin 42: Charge Port Lock Output Present	Set	
Connector E Pin 41: Charge Port Unlock Output Present	Set	
Connector A Pin 22: Right Dedicated DRL Lamp 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 D Pin 12: PHEV ECM Hardwire Wake Up Output Present	Set	
Connector F Pin 23: Door Lock Switch Signal Front Passenger Present	Set	
Connector D Pin 7: Stop/Turn Trailer Tow Right Output Present	Not Set	
Connector D Pin 22/ Connector D Pin 23: Ambient Temperature Signal/Return Present	Set	
Connector D Pin 9: Trailer Tow Backup Output Present	Not Set	
Connector E Pin 39/Connector F Pin 5: Rear Fog Lamps Output Present	Not Set	
Connector F Pin 4: Liftgate Release Present	Not Set	
Connectro E Pin 37: Right HID Control Output Present	Not Set	
Connector F Pin 35: Inverter Enable Relay Output Present	Not Set	
LED Rear Turn Lamps Present	Not Set	
Front Wiper Wipes After Wash	2 Wipes	
Fuel Door Release Enabled	Not Present	
Quad Headlamps Enable	Set	
Reversible Washer Pump Enable	Set	
DRL Dropout Enable	Set	
Park Lamp Loadshed Enable	Set	
LED Stop Lamps Present	Not Set	
Headlamp Washer Low Fluid Shut-Off Enable	Set	
Hazard Lamp Configuration	Latching Switch	
LED Tail Lamps Present	Set	
Bi Xenon Headlamps Enable	Not Set	
Front Fog Lamp Dropout Enable	Set	
LED Low Beam Lamps Present	Not Set	
Headlamp Wash Interval	wash cycle#11	
LED Dedicated DRL Present	Set	
Wiper Service Position Enabled	Not Set	
Illuminated approach Enabled	Not Set	
Front Wiper Park Enable	Set	
LED License Lamps Present	Set	
Horn Chirp Allowed	Set	

Fuel Door Present	Not Set	
Combined Front Park/Turn Feature Enable	Not Set	
DRL Configuration	No DRL	
DRL Lamp Location	Dedicated	
Rear Wiper Park Enable	Set	
Combined Rear Lighting Enable	Set	
LED Reverse Lamps Present	Not Set	
Intermittent Wiper States	4 Intermittent Wiper position Switch	
Headlamp Wash Shot	double	
LED Rear Fog Lamps Present	Not Set	
Trailer Tow Present	Not Set	
Tip Start Enabled	Set	
LED Front Turn Lamps Present	Not Set	
Side Repeaters Enable	Not Set	
LED Front Park/Marker Lamps Present	Set	
Headlamp Wash Spray Duration (at 100 ms intervals)	1100ms	
One Touch Lane Change	Set	
Tunnel Detection	Not Set	
Dual Start Relay System Present	Not Set	
Exterior Light Loadshed Enable	Set	
LED Front Fog Lamps Present	Not Set	
LED CHMSL Lamp Present	Set	
LED High Beam Lamps Present	Not Set	
Destination	United States of America	
Surround Sound Feature Present	Not Set	
Power Door Locks Present	Set	
Microphone Type	Peiker 300 mv	
Heated Steering Wheel Present	Set	
Power Inverter Present	Not Set	
Disable CD Eject	Not Set	
Cabin Equilization Curve Number	6 Speaker Base (RU)	
Antenna Type	Active Primary and no secondary antenna	
Splashscreen Type	Vehicle Brand	
Microphone Configuration	2 Microphones	
External Port Type	AUX + USB	
Microphone Tuning Parameter	Absent [Not Used]	
Front Park Assist Present	Set	
Front Heated Seats Present	Set	
Rear Camera Present	Set	
Fleet Vehicle Content	Not Set	
AP5 Trunk Lock	Simple Switch	
AP2 Right Front	Smart Switch	
Vehicle Variant	Undefined	
Tip Start Present	Set	

AP4 Right Rear	CAN	
Airport Scenario Trunk	Not Set	
AP1 Left Front	Smart Switch	
AP3 Left Rear	CAN	
AP5 Trunk Unlock	CAN	
Heated Mirrors Present	Set	
Blindspot Mirror Present	Set	
Frameless Window Present	Not Set	
Sun Shade	Not Set	
Global Up	Not Set	
Folding mirrors present	Not Set	
Electro-chromatic passenger mirror present	Not Set	
Window Motor Type	Not Set	
Global Down	Not Set	
Passenger Window Lockout	Not Set	
Tow Mirror Present	Not Set	
Passenger Memory Mirror Present	Not Set	
Rear Door Pre Short Drop	Not Set	
Electro-chromatic driver mirror present	Not Set	
Driver Memory Mirrors Present	Not Set	
Window Hall Sensors Present	Not Set	
Mirror turn signals present	Not Set	
Puddle Lamp Present	Not Set	
Heated Steering Wheel Present	Present	
Tilt/Telescope Steering Present	Not Set	
Memory Adjustable Pedals Present	Not Set	
Driver Memory Seat Present	Not Set	
Heated Seat Material Type	Perforated Leather	
Stow 'n Assist Present - Driver	Not Set	
Stow 'n Assist Present - Passenger	Not Set	
Rear Heated Seats Present	Not Present	
Front Vented Seats Present	Not Present	
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	
Connector F Pin 13: Left Sliding Door Switch Input (B-Pillar)	Left B-Pillar sliding Door Switch	
License Plate Lamp Disable	Not Set	
Connector G Pin 2: Fog Lamp Switch Input	Fog Lamp Switch	
Connector F Pin 34: Spare HSD	Not Present	
Connector F Pin 16: Passenger Door Lock Switch Input	Not Present	
Auto High Beam Module Location	None	
Engine Off Clear Time	180	Time

Connector F Pin 30: Fuel Door Lock (BUX)	Not Present	
Heatsoak Speed	15	Counter
Connector D Pin 8: Digital Spare Input #2	Not Present	
Ambient Stable Counter Limit	40	Counter
Max Engine Off Time	220	Time
Connector F Pin 29: Horn Switch Present	Horn Switch Input	
Connector F Pin 37: Vacuum Cleaner Power Saver Indicator	Not Present	
Connector E Pin 48 (Tied internally to Connector A Pin16): Rear Wiper Motor Control Output Present	Rear Wiper (0)	
Humidy Sensor Long Present	Set	
Connector E Pin 3: Left Rear Turn Signal	Left Rear Turn Signal	
Connector F Pin 14: Right Sliding Door Switch Input (B-Pillar)	Right B-Pillar Sliding Door Switch	
Connector G Pin11/Connector G Pin 12: Not Used	ERS	
Connector E Pin 28: Secondary Door Ajar Switch Present - PIN E-28	Set	
Manual Door Locks Present	Not Set	
Heatsoak Flush Time	105	Time
Rain Sensor Module #2 Present	Not Set	
CHMSL Lamp Output Disable	Not Set	
Conncetor F Pin 33: Fuel Door Unlock (BUX)	Not Present	
Connector E Pin 39: Right Rear Turn Signal	Right Rear Turn Signal	
Connector F Pin 15: Driver Door Lock Switch Input	Not Present	
Connector D Pin 4: Digital Spare Input #1	Not Present	
Heatsoak Set Time	15	Time
Steering Smoothing Factor	Filter Off	
Nose Dive Threshold	Filter Off	
Brake Smoothing Factor	Filter Off	
Average Last Longitudinal Acceleration Values	No Averaging	
Excess Lateral Acceleration Factor	Filter Off	
Brake Smoothing Duration	Filter Off	
Steering Smoothing Duration	Filter Off	
Maximum Lateral Change	Filter Off	
Acceleration Threshold	Filter Off	
Nose Dive Factor	Filter Off	
Excess Longitudinal Acceleration Factor	Filter Off	
Brake Smoothing Threshold	Filter Off	
Acceleration Factor	Filter Off	
Average Last Lateral Acceleration Values	No Averaging	
Steering Smoothing Threshold	Filter Off	
Maximum Longitudinal Change	Filter Off	
VTA Hood Ajar Monitoring	Not Set	
RKE Auto-Relock Feature Enable	Not Set	
PE Auto-Relock Feature Enable	Set	
Auto High Beam ON Threshold	25 km/hr	
Auto High Beam OFF Threshold	20 km/hr	
Interior Lighting Night Threshold	4.45147	Volt

Interior Lighting Day Threshold	4.27498	Volt
Headlamp Soak Delay	1.0 sec	
Horn Chirp Duration	Short	
Parking Light Enable	Not Set	
Smart Alternator Present	Not Set	
Temperature Display Resolution	HaLF	
TPMS Configuration	Logic 1 NHTSA Enable Warning	
Sunroof Present	Not Set	
ANC Calibration Parameter Data Set	Non Amplified 3.6L PHEV	
Radio Speaker Open Circuit Disable (RF)	Set	
Drive Mode Version	Version 1	
Auto Dimming Mirror Hard Button Present	Set	
Radio Speaker Open Circuit Disable (LF)	Set	
Radio Speaker Open Circuit Disable (LR)	Set	
Radio Speaker Open Circuit Disable (RR)	Set	
Automatic Crash Notification Feature Present	Undefined	
Show Phone Information in Cluster	01	
Surround View Camera On/Off Softkey Present	Not Set	
Park Assist Tuning Set	Sahara	
3rd Row Lock CSO	Not Set	
Siren	Not Set	
Ultrasonics	Not Set	
Tilt	Not Set	
ESC	Set	
HCP	Set	
AHCP	Set	
ESM	Set	
ORC	Set	
APM	Set	
ECM	Set	
BPCM	Set	
OBCM	Set	
EAC	Set	
EBCM	Set	
CVPM	Not Set	
VRM	Not Set	
MSMP	Not Set	
AMP	Not Set	
HVAC	Set	
PDM	Set	
VTM	Not Set	
DDM	Set	
EOMR	Set	
EDM	Not Set	

ITM	Not Set	
DMRR	Set	
MSM	Not Set	
HVACR	Set	
EAM	Not Set	
ICS	Set	
DSM	Set	
PSDML	Set	
ANC	Set	
BCM (Interior Bus)	Set	
DTV	Not Set	
FSM	Not Set	
DMRL	Set	
PLGM	Set	
HSM	Set	
PSDMR	Set	
Radio	Set	
Compass Mounting Angle	0	Degree
IBS Present	Set	
Auto Relock Time	60	seconds
Fobik Safe Alerts Per Ignition Cycle	2	
Illuminated Approach Headlamp Target Percentage	125 (62.5%)	
Humidity Sensor Present	Set	
Illuminated Approach Taillamp Target Percentage	125 (62.5%)	
Illuminated Approach Interior Lighting Ramp Up Time	130(2600ms)	
Alert no Reply	Set	
Alert On Search Timeout	Set	
Alert On System Fault	Set	
Illuminated Approach Interior Lighting Target Percentage	100(50%)	
OHC Module Present	Set	
Washer Fluid Level Voltage Threshold	4.46 volts	
EVIC SWS Module Present	Set	
CRVMM Present	Set	
HFRM Present	Not Set	
VTA System Present	VTA	
Panic Enable	Set	
Compass Mounting Orientation	Rightside up	
Connector F Pin 41: Backup-Reverse lamp Left	Set	
Connector E Pin 7: Left HID Relay Control	Left HID Lamp Relay	
Connector D Pin 12: PHEV ECM Hardwire Wake Up	Engine Control Module Wake up (PHEV only)	
Connector D Pin 11: Stop/Turn Trailer Tow Left Output Present	Reserved	
Connector A Pin 11: Hood Ajar Switch Signal	500 ohm series and 500 ohm parallel resistors	
Connector D Pin 21: Brake Fluid Level Switch	no parallel resistor	

Connector E Pin 1: Backup-Reverse lamp Right	Set	
Connector E Pin 37: Right HID Relay Control	Right HID Lamp Relay	
Connector F Pin 5: Left Rear Fog Lamp	Output Disable	
Connector E Pin 3: Left Rear Turn Signal	Left Rear Turn Signal	
Connector F Pin 31: Right Sliding Door Ajar	Right Sliding Door Ajar	
Connector F Pin 28: Right Rear Turn Lamp Fault Sense	Disable	
Connector F Pin 4: Liftgate Release	Trunk/Liftgate Release	
Connector F Pin 42: Right Rear Turn Signal	Right Rear Turn Signal	
Connector F Pin 25: Left Rear Turn Lamp Fault Sense	Disable	
Stop/Start Enable Switch Present	Not Set	
Connector A Pin 2: Right High Beam Feed	Right High Beam (0)	
Connector D Pin 1: Left High Beam Feed	Left High Beam (0)	
Connector F Pin 27: Left Sliding Door Ajar	Left Sliding Door Ajar	
Connector E Pin 5: E-5 PHEV Fuel Door Switch Input	PHEV Fuel Door Switch	
Connector E Pin 39: Right Rear Fog Lamp	Output Disable	
Connector E Pin 29: Rear Wiper Motor Park Signal	Reserved	
Connector F Pin 29: Horn Switch Input	Horn Switch Input	
Passive Ped Pro Present	False	
Tow Hooks Present	False	
1st Row Seat Side Airbags Present	True	
Passenger Kneebag Present	True	
BUX Market	False	
ODS Present	False	
Curtain Airbags Present	True	
Driver Kneebag Present	True	
Integrated EPP Present	False	
IPC	Set	
ESM	Set	
ORC	Set	
BCM (PT)	Set	
SCCM	Set	
ACC	Not Set	
PCM	Set	
PTS	Set	
EPS	Set	
RFH	Set	
AHLM	Not Set	
ESL	Not Set	
FFCM	Not Set	
ABSO	Set	
OCM	Set	
ABS	Not Set	
TCM	Not Set	
HCP	Set	

Accessory Delay Time	45	seconds
Sliding Door Chime Enable	Set	
Sliding Door Alert	Not Set	
Auto Unlock	Set	
Headlamps on with Wipers	Set	
Flash Lamps on Lock	Set	
Daytime Running Lamps	Set	
Auto Wipers	Not Set	
Sound Horn On Lock Status	Chirp on 2nd press/SECOND	
Hands Free Sliding Door Enable	Set	
Sound Horn on Remote Start	Set	
Auto Lock	Set	
Unlock all doors on 1st press	Not Set	
Sound Horn on Lock	Set	
Illuminated Approach Time	30	seconds
Headlamp Delay Time	30	seconds
Auto Highbeam	Not Set	
IBS Quiescence Current Limit	-250	mA
IBS Minimal Charge Limit	10	AmpHrs
IBS Minimum Voltage Limit	5.0	Volts
Battery Type II	255	
Battery Types	SNA	
IBS Activate MWU	Not Set	
IBS Minimum Charge Limit	600	mA
Front Park/Turn Voltage	Park to Turn ratio 55 Percent	
Left Front Corner Voltage	13.2 Volts	
Left Low Beam Voltage Regulation	13.6 Volts	
Right High Beam Voltage Regulation	13.8 Volts	
Left Rear Corner Voltage	14 Volts	
Left High Beam Voltage Regulation	13.6 Volts	
Right Rear Corner Voltage	14 Volts	
Right Low Beam Voltage Regulation	14 Volts	
Auto Headlamp On Threshold	3.31409	Volt
Auto Headlamp Off Threshold	2.54930	Volt
Right Front Corner Voltage	13.4 Volts	
Rear View Camera Static Grid Lines Enabled	Not Set	
Rear View Camera Dynamic Grid Lines Enabled	Set	

RADIO CONFIGURATION

NAME	VALUE	UNITS
Compass on the bus messaging Authorization	Allowed	
GPS on the Bus messaging Authorization	Allowed	
Satellite Subscription Suspend Day	01	
Satellite Subscription Reason Code	00	

Satellite Subscription Suspend Year	46	
Satellite Subscription Suspend Month	01	
Satellite Subscription Status	Subscribed	
Satellite Subscription ID	5EPLKDHW	
Aux Jack	Inserted	
USB Hubs Detected	1	No Unit
SD Card Readers Detected	0	No Unit
Enumerated USB Devices	0	No Unit
DTV Short Term Configuration	—	
911 Button	On	
SDARS	True	
Internal CD Player	False	
Application Framework	True	
Bluetooth	True	
Navigation Active	True	
FM Diversity	False	
Cellular	True	
Wi-Fi	True	
Splash Screen	Chrysler	
Anti-Theft Enable Status	On	
Automated Loudness	On	
Front Seat Video Playback	Enabled	
Clock Defeat	Off	
Cabin EQ Curve Number Currently Used by Radio	00	
12/24 Time Selection	12 Hour Time	

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	

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 9	
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	

VEHICLE SCAN REPORT

Vehicle 2020 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
VIN [redacted]

Odometer 4467.0 miles
Publication Date Jul 30, 2021, 1:33:00 PM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
PCM	Powertrain Control Module	CAN-C	68444229AE	[redacted]		68444229AE
ICS	Integrated Center Stack	CAN-I	6UX601X8AA			6UX601X8AA
RFH	Radio Frequency Hub	CAN-C	68453559AB			68453559AB
ESM	Electronic Shifter	CAN-C	68240089AM			68240089AM
ORC	Occupant Restraint	CAN-C	68453076AD			68453076AD
EPS	Electric Power Steering	CAN-C	68460392AA			68460392AA
ANC	Active Noise Cancelation	CAN-I	68440556AB			68440556AB
HVAC	Heat, Ventilation and A/C	CAN-I	68447893AC			68447893AC
DDM	Driver Door Module	CAN-I	68424451AC			68424451AC
PDM	Passenger Door Module	CAN-I	68424450AC			68424450AC
DMRL	Door Module Rear Left	CAN-I	68225096AG			68225096AG
DMRR	Door Module Rear Right	CAN-I	68225096AG			68225096AG
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AD			68369596AD
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AD			68369596AD
PLGM	Power Liftgate	CAN-I	68316094AF			68316094AF
CSWM	Comfort Seat Wheel Module	CAN-I	68434910AC			68434910AC
IPC	Instrument Panel Cluster	CAN-C	68434956AD			68434956AD
PTS	Parktronics	CAN-C	68193772AJ			68193772AJ
SCCM	Steering Column Control Module	CAN-C	68360889AD			68360889AD
BCM	Body Controller	CAN-C	68424601AF			68424601AF
RADIO	Radio	CAN-I	68461768AD			68461768AD

OCM	Occupant Classification	CAN-C	68403127AA	[redacted]	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
APM	Accessory Power Module	CAN-C	05185046AB		05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193166AD		05193166AD
HCP	Hybrid Control Processor	CAN-C	05190289AC		05190289AC
OBCM	On Board Charging Module	CAN-C	05185047AE		05185047AE
DSM	Display Screen Module	CAN-I	68316175AC		68316175AC
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30PD2AA		6WL30PD2AA
EAC	Electric A/C Compressor	CAN-C	68237995AG		68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05190290AC		05190290AC
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB		68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD		68471122AD
SGW	Security Gateway Module	CAN-C	68447193AB		68447193AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
PCM	USA	1B 47	46 03 01	4419	DFF8E724
ICS	USA	0F 0C 00	12 25 00	4400	
RFH	USA / USA	10 17 00	13 09 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	
ANC	USA	0F 05 01	12 2C 01	4210	
HVAC	USA	0E 09 00	13 05 01	4401	
DDM	USA	11 07 00	13 0B 00	4202	
PDM	USA	11 07 00	13 0B 00	4202	
DMRL	USA / USA	10 0B 00	12 0C 00	4201	
DMRR	USA / USA	10 0B 00	12 0C 00	4201	
PSDML	USA / USA	10 17 00	14 10 12	4001	
PSDMR	USA / USA	10 17 00	14 10 12	4001	
PLGM	USA	17 19 00	18 22 00	4202	
CSWM	USA	11 2A 00	13 2C 00	4302	
IPC	USA / USA	12 06 00	14 0B 00	4704	

PTS	USA	0E 32 00	12 1F 00	4311	
SCCM	USA	13 28 00	13 29 00	4301	
BCM	USA	0D 11 00	14 1B 90	4415	
RADIO	USA	13 31 14	13 31 14	8205	
OCM	USA / USA	11 1F 01	0E 2F 02	4030	
HVACR	USA	0E 09 00	10 03 02	4301	
LBSS	USA / USA	11 30 02	12 0D 00	4202	
RBSS	USA / USA	11 30 02	12 0D 00	4202	
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM	Not programmed / COUNTRY_SNA	0E 03 00	13 18 03	4005	F5BC8401
HCP	USA	11 1F 04	13 30 01	4005	92BCF62B 04D8393A 050DC953
OBCM	USA	0F 0D 00	12 02 00	4002	
DSM	USA / USA	13 29 00	12 23 00	4000	
RCCC	USA	0F 1D 00	13 04 00	4000	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1F 04	13 30 01	4000	
EBBM	USA	0E 19 02	14 0D 18	4000	E5898FA5
ABSO	USA	0E 15 02	14 1B 26	4201	4F158D1B
SGW		5	779	4103	

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
RADIO	U0002-00	CAN C Bus Off Performance-	Stored
BPCM	P0AA4-00	Hybrid/EV Battery Negative Contactor "A" Stuck Closed-	Active
BPCM	P0C77-00	HV Battery System Precharge Time Too Short-	Active
HCP	U0623-00	Lost Communication with Coolant Pump "A"-	Active

ENVIRONMENTAL DATA SUMMARY

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

NAME	VALUE	UNITS
TestFailed	False	
TestFailedThisMonitoringCycle	True	
DTCTable	C0 02 00	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed This Monitoring Cycle	False	
Warning Indicator Requested	False	
DTCExtendedDataRecordNumber	FF	
Occurance Flag	Occurrence	
Reserved	Reserved	
RDI $6080	60 80	
Event Counter	64	

Original Odometer Value	4464	miles
Ignition Counter	0	
Most Recent Odometer Value	4464	miles
Frequency Counter	2	

BPCM | P0AA4-00 | Active | Hybrid/EV Battery Negative Contactor "A" Stuck Closed-

NAME	VALUE	UNITS
Key in Ignition	Key_Def	
EPT -WakeUp	Sourced	
HCP Contactor Command	Open	
Key Position	Ign_ Run	
Qualified Contactor Command - QCC	Open	
Verified Contactor Command - VCC	Open	
Contactor Status	PreCharging Failed	
Plug in Status	Not plugged in	
ChargingLevel	Plug in, but no charge	
Balance Mode	False	
Battery in Periodic wake up (Just battery) at time of Fault	False	
Battery in Periodic wake up (Wake up vehicle) at time of Fault	False	
HVIL Status -Vehicle	Not Sourced	
HVIL Status - Battery pack	PASS	
Pump - Wire Open\Short to Gnd	PASS	
Pump - Dry Run Detection	PASS	
Pump - Overtemperature	PASS	
Pump - Overcurrent	PASS	
Pump - Switch Power Shorted	PASS	
Fault trigger level 1	False	
Fault trigger level 3	False	
Fault trigger level 2	False	
Fault Path	01	
Key - DriveRdy (CAN)	True	
Battery Cell Highest Cell number	88	
Battery Cell Lowest Cell number	54	
Battery Temperature Highest Sensor number	01	
Battery Temperature Lowest Sensor number	10	
Battery Temperature Number of Failing Sensors	00	
HV Cooling Pump Relay Drive	Not Sourced	
Isolation Vehicle Diagnostic Status	Run and Passed	
Pump - Battery Coolant Level Low	False	
Isolation Battery Diagnostic Status	Run and Passed	
BPCM Sec Asic Reset Req	Not active	
BPCM Sec Asic Fault Input	Not active	
BPCM Sec CC Path Test Active	Not active	
BPCM L2 General Monitoring Flt Rsn	L2L1_CELL_MAX_V_CMP_FLT	

BPCM L2 CC Path Test Req	Undetermined	
BPCM L2 Contactor Dslb Req	Undetermined	
BPCM L2 ASIC Diagnostic Flt Rsn	ADCTest	
BPCM Sec Contactor State	Open	
BPCM Sec HW Timer Status	Not active	
BPCM Sec Asic Fault State	NOTASSERTED	
BPCM Main HW Timer Status	Not active	
DTC	0A A4 00	
Real Time Clock Validity	True	
Test Failed	True	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Test Not Completed This Operation Cycle	False	
Confirmed DTC	True	
DTC Extended Data Record Number - All	01	
Test Failed Since Last Clear	True	
Warning Indicator Requested	False	
Test Not Completed Since Last Clear	False	
Occurrence flag	ERROR	
DTC Extended Data Record Number - 2	0E	
Frequency Counter	1	
FoM - for this DTC (lifetime fails counts on pass)	0.0000	seconds
FoM - for this DTC (lifetime fails)	61	events
FoM - for this DTC (lifetime longest fail on pass)	0.000	seconds
Vehicle mileage at time of fault (ODO signal in $3D2)	4466.87	miles
Ignition Cycle Counter	0	
Battery Total Time Awake	28298596	seconds
Battery Lifetime Miles	3A50E6	miles
System (12) Volts at time of fault	11.372	Volts
Battery Lifetime AmpHrs of Charge	1878.2	AHr
Vehicle Speed	0.0	MPH
Battery Lifetime AmpHrs of DisCharge	1847.7	AHr
SOC at time of Fault	86.3	%
Power Up SOC at time of Fault	86.3	%
HVIL PWM Duty Cycle - Vehicle	50.2	%
HVIL PWM Frequency - Vehicle	87.9	Hz
HVIL PWM peak voltage Sourced - Vehicle	10.104	Volts
HVIL PWM peak voltage Sensed - Vehicle	10.052	Volts
HV Battery Current Sensor 1 Hall High	-0.40	Amps
HVIL Source Voltage- Battery	1.385	Volts
HVIL Returned current - Battery	30.70	mA
HV Battery Current Sensor 2 Hall Low	0.00	Amps
HV Cooling Speed Pump 1 Target	0	rpm
HV Battery Current HVBatCrnt	0.00	Amps

BPCM temperature max	75	°F
HV Cooling Speed pump 1 Speed	0	rpm
Charge indicator Temp	84	°F
BPCM temperature min	73	°F
Isolation Circuitry Va	2.500	Volts
Isolation Circuitry Vd	0.000	Volts
Isolation Circuitry Vb	2.502	Volts
WC and Circuitry 2.5V Reference Voltage	2.501	Volts
WC and Circuitry Vcc Voltage	4.992	Volts
Cycles left to self heal	40	No Unit
WC and CircuitryISO 8V Reference Voltage	7.990	Volts
WC and Circuitry Weld Contactor Sensor G (Pack Negative) Voltage	-6.2	Volts
HV Battery Discharge Power 10sec	102927	watts
HV Battery Charge Power 2sec	83388	watts
HV Battery Discharge Power 2sec	105243	watts
HV Battery Charge Power 10sec	67455	watts
Battery Lifetime Number Of Closes	715	
HV Battery Power	007530	watts
Cell Impedance Max Discharge	0	mOhms
Cell Impedance Mim Discharge	0	mOhms
Battery Cell Voltage Maximum	4036	mV
Battery Full AmpHr Capacity	49	AmpHrs
Battery Cell Voltage Average	4025	mV
Battery Cell Voltage Minimum	4018	mV
HV Battery Voltage (Module Sum)	386.20	Volts
HV Battery Voltage (cell sum)	386.40	Volts
HV Sensor B Bus\Link (Pre-Fuse) Voltage	1.40	Volts
HV Sensor A Pack Voltage	386.30	Volts
HV Sensor G Weld Contactor(Pack Negative) Voltage	-6.2	Volts
Battery Temperature Maximum Module	75	°F
HV Sensor C OBCM (HVOBC Fuse) Voltage	2.40	Volts
Battery Temperature Minimum Module	73	°F
Battery Temperature Average Module	75	°F
HV Cooling OBCM temp inlet Temp	84	°F
HV Cooling Battery coolant inlet temp	75	°F
HV Sensor D Heater (HVHTR Fuse) Voltage	2.40	Volts
HV Cooling Battery coolant outlet temp	75	°F
Isolation Vehicle Impedance	7.4750	Mega Ohms
Isolation Battery Impedance	7.5827	Mega Ohms
HV Bat SOH-R	3.1	%
BPCM Sec MM Hw Reset Error Counter	0	cnts
BPCM L2 SM Hw Reset Error Counter	0	No Unit
BPCM Sec QA Error Counter	0	cnts
HV Bat SOH-C	93.7	%

Real time clock-OS Task Delay Timer	0	
Engine Speed	0	rpm
Original Odometer Value	4464	miles
Most Recent Odometer Value	4464	miles
Real time clock	429496.7295	seconds
Accelerator position	7.8	%

BPCM | P0C77-00 | Active | HV Battery System Precharge Time Too Short-

NAME	VALUE	UNITS
Key in Ignition	Key_Def	
Key Position	Ign_ Off_Acc	
EPT -WakeUp	Sourced	
HCP Contactor Command	Closed	
Qualified Contactor Command - QCC	Closed	
Contactor Status	Closed	
Plug in Status	Not plugged in	
ChargingLevel	Plug in, but no charge	
Balance Mode	False	
Verified Contactor Command - VCC	Closed Restricted	
Battery in Periodic wake up (Wake up vehicle) at time of Fault	False	
Battery in Periodic wake up (Just battery) at time of Fault	False	
HVIL Status -Vehicle	PASS	
HVIL Status - Battery pack	PASS	
Pump - Wire Open\Short to Gnd	PASS	
Pump - Dry Run Detection	PASS	
Pump - Overcurrent	PASS	
Pump - Overtemperature	PASS	
Pump - Switch Power Shorted	PASS	
Fault trigger level 1	False	
Fault trigger level 3	False	
Fault trigger level 2	False	
Fault Path	01	
Key - DriveRdy (CAN)	True	
Battery Cell Highest Cell number	87	
Battery Cell Lowest Cell number	54	
Battery Temperature Highest Sensor number	01	
Battery Temperature Lowest Sensor number	10	
Battery Temperature Number of Failing Sensors	00	
HV Cooling Pump Relay Drive	Not Sourced	
Isolation Vehicle Diagnostic Status	Run and Passed	
Pump - Battery Coolant Level Low	False	
Isolation Battery Diagnostic Status	Run and Passed	
BPCM Sec Asic Fault Input	Not active	
BPCM Sec CC Path Test Active	Not active	

BPCM L2 General Monitoring Flt Rsn	L2L1_CELL_MAX_V_CMP_FLT	
BPCM Sec Asic Reset Req	Not active	
BPCM Sec HW Timer Status	Not active	
BPCM L2 ASIC Diagnostic Flt Rsn	ADCTest	
BPCM Main HW Timer Status	Not active	
BPCM L2 Contactor Dslb Req	Undetermined	
BPCM Sec Asic Fault State	NOTASSERTED	
BPCM L2 CC Path Test Req	Undetermined	
BPCM Sec Contactor State	PULLIN	
Real Time Clock Validity	True	
DTC	0C 77 00	
Test Failed	True	
Test Failed This Operation Cycle	False	
Confirmed DTC	True	
Warning Indicator Requested	False	
Test Not Completed This Operation Cycle	True	
Pending DTC	True	
Test Not Completed Since Last Clear	False	
DTC Extended Data Record Number - All	01	
Test Failed Since Last Clear	True	
Occurrence flag	ERROR	
DTC Extended Data Record Number - 2	47	
Frequency Counter	1	
Ignition Cycle Counter	0	
FoM - for this DTC (lifetime fails)	1	events
FoM - for this DTC (lifetime longest fail on pass)	0.000	seconds
System (12) Volts at time of fault	10.143	Volts
FoM - for this DTC (lifetime fails counts on pass)	0.0000	seconds
Battery Total Time Awake	28298592	seconds
Vehicle mileage at time of fault (ODO signal in $3D2)	4466.87	miles
Vehicle Speed	0.0	MPH
Battery Lifetime Miles	3A50E6	miles
Battery Lifetime AmpHrs of Charge	1878.2	AHr
Battery Lifetime AmpHrs of DisCharge	1847.7	AHr
Power Up SOC at time of Fault	86.3	%
SOC at time of Fault	86.3	%
HVIL PWM Duty Cycle - Vehicle	50.2	%
HVIL PWM Frequency - Vehicle	87.9	Hz
HVIL Returned current - Battery	30.60	mA
HVIL PWM peak voltage Sourced - Vehicle	9.244	Volts
HVIL PWM peak voltage Sensed - Vehicle	9.212	Volts
HVIL Source Voltage- Battery	1.385	Volts
HV Battery Current Sensor 1 Hall High	-0.60	Amps
HV Battery Current Sensor 2 Hall Low	0.00	Amps

HV Battery Current HVBatCrnt	0.00	Amps
Charge indicator Temp	84	°F
BPCM temperature max	75	°F
HV Cooling Speed Pump 1 Target	0	rpm
HV Cooling Speed pump 1 Speed	0	rpm
BPCM temperature min	73	°F
Isolation Circuitry Va	2.500	Volts
Isolation Circuitry Vb	2.501	Volts
Isolation Circuitry Vd	0.000	Volts
WC and Circuitry Vcc Voltage	4.987	Volts
WC and Circuitry 2.5V Reference Voltage	2.501	Volts
WC and Circuitry Weld Contactor Sensor G (Pack Negative) Voltage	335.4	Volts
Cycles left to self heal	40	No Unit
WC and CircuitryISO 8V Reference Voltage	7.990	Volts
HV Battery Discharge Power 2sec	105243	watts
HV Battery Power	007530	watts
Battery Lifetime Number Of Closes	715	
Battery Full AmpHr Capacity	49	AmpHrs
Cell Impedance Max Discharge	0	mOhms
HV Battery Charge Power 10sec	67350	watts
Cell Impedance Mim Discharge	0	mOhms
Battery Cell Voltage Maximum	4036	mV
Battery Cell Voltage Minimum	4019	mV
HV Battery Charge Power 2sec	83250	watts
HV Battery Voltage (cell sum)	386.40	Volts
HV Battery Discharge Power 10sec	102927	watts
Battery Cell Voltage Average	4025	mV
HV Sensor B Bus\Link (Pre-Fuse) Voltage	386.30	Volts
HV Sensor A Pack Voltage	386.30	Volts
Battery Temperature Maximum Module	75	°F
HV Sensor G Weld Contactor(Pack Negative) Voltage	335.4	Volts
Battery Temperature Minimum Module	73	°F
HV Sensor C OBCM (HVOBC Fuse) Voltage	386.30	Volts
HV Cooling OBCM temp inlet Temp	84	°F
HV Sensor D Heater (HVHTR Fuse) Voltage	386.30	Volts
HV Battery Voltage (Module Sum)	386.20	Volts
HV Cooling Battery coolant inlet temp	75	°F
Battery Temperature Average Module	75	°F
HV Cooling Battery coolant outlet temp	75	°F
Isolation Vehicle Impedance	7.4750	Mega Ohms
Isolation Battery Impedance	7.5827	Mega Ohms
HV Bat SOH-C	93.7	%
HV Bat SOH-R	3.1	%
BPCM Sec MM Hw Reset Error Counter	0	cnts

Engine Speed	0	rpm
BPCM Sec QA Error Counter	0	cnts
Real time clock-OS Task Delay Timer	0	
Accelerator position	7.5	%
Original Odometer Value	4464	miles
BPCM L2 SM Hw Reset Error Counter	0	No Unit
Most Recent Odometer Value	4464	miles
Real time clock	429496.7295	seconds

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

NAME	VALUE	UNITS
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
DTC	C6 23 00	
Test Failed	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Test Failed Since Last Clear	True	
Test Not Completed Since Last Clear	False	
Occurrence flag	Occurrence	
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Ignition State	Reserved	
Propulsion System Active	False	
PRND Position Display	P	
Thermal System Enable State	On	
Front Refrigerant Shut-Off Valve Status	Off	
High Temperature Shut-Off Valve Status	Off	
Chiller Shut-Off Valve Status	Off	
Hybrid System State	SNA	
CBC Wake-Up Input	Off	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Open	
APM Status	Idle	
Impact Event	False	
HCP System Shutdown Command	Default	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Original Odometer Value	4467.0	miles
Real time clock	28298688	sec
RAM stamps keyOn	15	sec
Ignition Cycle Counter	0	
Most Recent Odometer Value	4467.0	miles

Frequency Counter	2	
RAM Stamps	125	Min
Accelerator Pedal Position	0	%
Engine Speed	0	rpm
A/C Refrigerant Pressure	101.5	PSI
Passive Pump Coolant Temp In Sensor	82	°F
Engine Coolant Temperature	79	°F
HV Battery SOC	86	%
Barometric Pressure	15	PSI
Vehicle Speed	0.0000	MPH
Electric Coolant Heater Temp Sensor	81	°F
Heater Core Coolant Temp Sensor	81	°F
Outside Air Temperature	84.2	°F
Motor A Temp Sensor	81	°F
Motor B Temp Sensor	79	°F
EAC Compressor Speed	0	rpm
High Temp Cabin Valve Feedback	93.31	degrees
HV Coolant Heater - Measured Coolant Inlet Temp	79	°F
HV Coolant Heater - Measured Coolant Outlet Temp	79	°F
Low Temp Active Pump - Temperature	81	°F
Internal EPS Voltage Sense A	0.000	Volts
Low Temp Passive Pump - Temperature	77	°F
Battery Feed Voltage 2 Sense	10.872	Volts
Radiator Fan Duty Cycle	7	%
Battery Feed Voltage 3 Sense	10.800	Volts
Internal EPS Voltage Sense B	0.000	Volts
Battery Feed Voltage 1 Sense	10.800	Volts
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Available Regen Torque - Motor A	-88.496	Ft-Lbs
Available Motor Torque - Motor A	88.496	Ft-Lbs
Motor A - Inverter Current - phase A	0	AMP
Motor A - Inverter Current - phase B	0	AMP
Commanded Torque - Motor A	0.000	Ft-Lbs
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
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Motor A Resolver Angle	46	Degree
Motor B Resolver Angle	104	Degree
HV Battery Voltage from BPCM	180.00	Volts
Electric Motor A Speed	0.0	rpm

Electric Motor B Speed	0.0	rpm
PIM DC Link Voltage - A	4	Volts
PIM DC Link Voltage - B	5	Volts
Inverter A IGBT Temperature for phase A	86	°F
Inverter A IGBT Temperature for phase B	86	°F
Inverter B IGBT Temperature for phase B	86	°F
Inverter B IGBT Temperature for phase A	86	°F
Inverter B IGBT Temperature for phase C	84	°F
Distance Travelled with Light ON	0	miles
Motor B Torque	0.000	Ft-Lbs
GPS Date - Year	0	Year
GPS Date - Month	1	
Inverter A IGBT Temperature for phase C	86	°F
Motor A Torque	0.000	Ft-Lbs
UTC Time - Minutes	0	
GPS Date - Day	1	Days
ECU Time - Milliseconds	0	ms
UTC Time - Seconds	0	seconds
HV Battery Sleep Time	0	Days
UTC Time - Hours	0	Hours

SNAPSHOT DATA SUMMARY

No Snapshot Data available for U0002-00

No Snapshot Data available for P0AA4-00

No Snapshot Data available for P0C77-00

No Snapshot Data available for U0623-00



VEHICLE SCAN REPORT

Vehicle 2020 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
VIN [redacted]

Odometer 4467.0 miles
Publication Date Jun 22, 2021, 2:57:09 PM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
PCM	Powertrain Control Module	CAN-C	68444229AE	[redacted]		68444229AE
ICS	Integrated Center Stack	CAN-I	6UX601X8AA			6UX601X8AA
RFH	Radio Frequency Hub	CAN-C	68453559AB			68453559AB
ESM	Electronic Shifter	CAN-C	68240089AM			68240089AM
ORC	Occupant Restraint	CAN-C	68453076AD			68453076AD
EPS	Electric Power Steering	CAN-C	68460392AA			68460392AA
ANC	Active Noise Cancelation	CAN-I	68440556AB			68440556AB
HVAC	Heat, Ventilation and A/C	CAN-I	68447893AC			68447893AC
DDM	Driver Door Module	CAN-I	68424451AC			68424451AC
PDM	Passenger Door Module	CAN-I	68424450AC			68424450AC
DMRL	Door Module Rear Left	CAN-I	68225096AG			68225096AG
DMRR	Door Module Rear Right	CAN-I	68225096AG			68225096AG
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AD			68369596AD
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AD			68369596AD
PLGM	Power Liftgate	CAN-I	68316094AF			68316094AF
CSWM	Comfort Seat Wheel Module	CAN-I	68434910AC			68434910AC
IPC	Instrument Panel Cluster	CAN-C	68434956AD			68434956AD
PTS	Parktronics	CAN-C	68193772AJ			68193772AJ
SCCM	Steering Column Control Module	CAN-C	68360889AD			68360889AD
BCM	Body Controller	CAN-C	68424601AF			68424601AF
RADIO	Radio	CAN-I	68461768AD			68461768AD

OCM	Occupant Classification	CAN-C	68403127AA	[redacted]	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
APM	Accessory Power Module	CAN-C	05185046AB		05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193166AD		05193166AD
HCP	Hybrid Control Processor	CAN-C	05190289AC		05190289AC
OBCM	On Board Charging Module	CAN-C	05185047AE		05185047AE
DSM	Display Screen Module	CAN-I	68316175AC		68316175AC
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30PD2AA		6WL30PD2AA
EAC	Electric A/C Compressor	CAN-C	68237995AG		68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05190290AC		05190290AC
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB		68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD		68471122AD
SGW	Security Gateway Module	CAN-C	68447193AB		68447193AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
PCM	USA	1B 47	46 03 01	4419	
ICS	USA	0F 0C 00	12 25 00	4400	
RFH	USA / USA	10 17 00	13 09 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	
ANC	USA	0F 05 01	12 2C 01	4210	
HVAC	USA	0E 09 00	13 05 01	4401	
DDM	USA	11 07 00	13 0B 00	4202	
PDM	USA	11 07 00	13 0B 00	4202	
DMRL	USA / USA	10 0B 00	12 0C 00	4201	
DMRR	USA / USA	10 0B 00	12 0C 00	4201	
PSDML	USA / USA	10 17 00	14 10 12	4001	
PSDMR	USA / USA	10 17 00	14 10 12	4001	
PLGM	USA	17 19 00	18 22 00	4202	
CSWM	USA	11 2A 00	13 2C 00	4302	
IPC	USA / USA	12 06 00	14 0B 00	4704	

PTS	USA	0E 32 00	12 1F 00	4311	
SCCM	USA	13 28 00	13 29 00	4301	
BCM	USA	0D 11 00	14 1B 90	4415	
RADIO	USA	13 31 14	13 31 14	8205	
OCM	USA / USA	11 1F 01	0E 2F 02	4030	
HVACR	USA	0E 09 00	10 03 02	4301	
LBSS	USA / USA	11 30 02	12 0D 00	4202	
RBSS	USA / USA	11 30 02	12 0D 00	4202	
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM	Not programmed / COUNTRY_SNA	0E 03 00	13 18 03	4005	
HCP	USA	11 1D 07	13 30 01	4005	92BCF62B 04D8393A 050DC953
OBCM	USA	0F 0D 00	12 02 00	4002	
DSM	USA / USA	13 29 00	12 23 00	4000	
RCCC	USA	0F 1D 00	13 04 00	4000	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1D 07	13 30 01	4000	
EBBM	USA	0E 19 02	14 0D 18	4000	E5898FA5
ABSO	USA	0E 15 02	14 1B 26	4201	4F158D1B
SGW		5	779	4103	

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
HCP	P0A78-00	Drive Motor A Inverter Performance-	Active
HCP	P0C0B-00	Drive Motor A Inverter Power Supply Circuit/Open-	Active
HCP	P16F9-00	HCP Internal - Shutdown Performance-	Active

ENVIRONMENTAL DATA SUMMARY

HCP | P0A78-00 | Active | Drive Motor A Inverter Performance-

NAME	VALUE	UNITS
Test Failed	True	
DTC	0A 78 00	
Pending DTC	True	
Confirmed DTC	True	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Test Not Completed Since Last Clear	False	
Test Failed This Operation Cycle	True	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Ignition State	Reserved	

PRND Position Display	P	
Propulsion System Active	False	
Motor A Phase U Short Fault - High-Side	False	
Motor A Phase U Cross Conduction Fault - High-Side	False	
Motor A Phase U Over Current Fault - High-Side	False	
Motor A Phase U Thermal Warning Fault - High-Side	False	
Motor A Phase U Comm Error Low Voltage Regulator Fault - High-Side	True	
Motor A Phase U Comm Error High Voltage Regulator Fault - High-Side	True	
Motor A Phase U SPI Error Fault - High-Side	False	
Motor A Phase U Hardware Error Fault - High-Side	True	
Motor A Phase U Thermal Shutdown 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 Shutdown Fault - Low-Side	False	
Motor A Phase U SPI Error Fault - Low-Side	False	
Motor A Phase U Thermal Warning Fault - Low-Side	False	
Motor A Phase U Hardware Error Fault - Low-Side	True	
Motor A Phase V Short Fault - High-Side	False	
Motor A Phase V Cross Conduction Fault - High-Side	False	
Motor A Phase V Thermal Warning Fault - High-Side	False	
Motor A Phase V Over Current Fault - High-Side	False	
Motor A Phase V Thermal Shutdown Fault - High-Side	False	
Motor A Phase V Comm Error Low Voltage Regulator Fault - High-Side	True	
Motor A Phase V SPI Error Fault - High-Side	False	
Motor A Phase V Short Fault - Low-Side	False	
Motor A Phase V Comm Error High Voltage Regulator Fault - High-Side	True	
Motor A Phase V Hardware Error Fault - High-Side	False	
Motor A Phase V Cross Conduction Fault - Low-Side	False	
Motor A Phase V Over Current Fault - Low-Side	False	
Motor A Phase V Thermal Shutdown Fault - Low-Side	False	
Motor A Phase V SPI Error Fault - Low-Side	False	
Motor A Phase V Thermal Warning Fault - Low-Side	False	
Motor A Phase V Hardware Error Fault - Low-Side	True	
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	True	
Motor A Phase W Hardware Error Fault - High-Side	True	
Motor A Phase W Cross Conduction Fault - Low-Side	False	
Motor A Phase W SPI Error Fault - High-Side	False	
Motor A Phase W Short Fault - Low-Side	False	
Motor A Phase W Over Current Fault - Low-Side	False	

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

Motor A Phase W Under Voltage Fault VH - High-Side	False	
Motor A Phase V Comm Error High Voltage Regulator Fault - Low-Side	True	
Motor A Phase W Over Voltage Fault VH - High-Side	False	
Motor A Phase V Comm Error Low Voltage Regulator Fault - Low-Side	True	
Motor A Phase W Over Voltage Fault VDD - 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 Under Voltage Fault VDD - High-Side	False	
Motor A Phase W Cross Conduction Fault - High-Side	False	
Motor A Phase W Under Voltage Fault VH - Low-Side	True	
Motor A Phase W Under Voltage Fault VDD - Low-Side	False	
Motor A Phase W Comm Error High Voltage Regulator Fault - High-Side	True	
Motor A Phase W Over Voltage Fault VL - Low-Side	False	
Inverter A Status Feedback	Inverter Faulted	
Motor A Phase W Comm Error High Voltage Regulator Fault - Low-Side	True	
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 Over Voltage Fault VH - Low-Side	False	
Ignition Cycle Counter	0	
Real time clock	25084724	sec
Most Recent Odometer Value	4467.0	miles
Accelerator Pedal Position	0	%
RAM Stamps	20863	Min
Original Odometer Value	4467.0	miles
RAM stamps keyOn	225	sec
Frequency Counter	1	
Engine Speed	0	rpm
HV Battery SOC	87	%
Engine Coolant Temperature	72	°F
Vehicle Speed	0.0000	MPH
Available Motor Torque - Motor A	0.000	Ft-Lbs
Barometric Pressure	15	PSI
Electric Motor A Speed	0.0	rpm
Actual Torque - Motor A	0.000	Ft-Lbs
Inverter A Input DC Current	0.0	AMP
Motor A - Inverter Current - phase C	-4	AMP
Motor A - Inverter Current - phase A	-4	AMP
Battery Feed Voltage 2 Sense	11.376	Volts
Motor A - Inverter Current - phase B	-4	AMP
PIM DC Link Voltage - B	2	Volts
PIM DC Link Voltage - A	2	Volts
Internal EPS Voltage Sense B	0.000	Volts
Battery Feed Voltage 3 Sense	11.376	Volts
Motor A Resolver Supply Voltage Value	15.75	Volts

Low Temp Active Pump Speed	0	rpm
Internal EPS Voltage Sense A	0.072	Volts
Passive Pump Coolant Temp In Sensor	77	°F
High Temp Aux Pump - Actual Speed	0	rpm
Outside Air Temperature	77.0	°F
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Motor B - Inverter Current - phase B	0	AMP
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor B - Inverter Current - phase C	0	AMP
Available Regen Torque - Motor A	0.000	Ft-Lbs
Battery Feed Voltage 1 Sense	11.376	Volts
Motor B - Inverter Current - phase A	-4	AMP
Electric Motor B Speed	0.0	rpm
Motor B Temp Sensor	73	°F
Inverter A IGBT Temperature for phase C	73	°F
HV Battery Voltage from BPCM	180.00	Volts
Inverter B IGBT Temperature for phase A	73	°F
Inverter A IGBT Temperature for phase B	-9	°F
Inverter B IGBT Temperature for phase C	73	°F
Distance Travelled with Light ON	0	miles
Inverter A IGBT Temperature for phase A	73	°F
Inverter B IGBT Temperature for phase B	73	°F
Motor B Resolver Angle	14	Degree
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.000	Ft-Lbs
GPS Date - Year	0	Year
UTC Time - Minutes	0	
HV Battery Sleep Time	0	Days
UTC Time - Hours	0	Hours
GPS Date - Month	1	
GPS Date - Day	1	Days
ECU Time - Milliseconds	0	ms
UTC Time - Seconds	0	seconds

HCP | P0C0B-00 | Active | Drive Motor A Inverter Power Supply Circuit/Open-

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

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

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

Motor A Phase V Over Voltage Fault VL - Low-Side	False	
Motor A Phase V Over Voltage Fault VDD - High-SideSide	False	
Motor A Phase V Under Voltage Fault VL - High-Side	False	
Motor A Phase V Under Voltage Fault VL - Low-Side	False	
Motor A Phase V Under Voltage Fault VH - Low-Side	True	
Motor A Phase V Under Voltage Fault VDD - High-Side	False	
Motor A Phase V Over Voltage Fault VDD - Low-Side	False	
Motor A Phase V Comm Error Low Voltage Regulator Fault - Low-Side	True	
Motor A Phase V Comm Error High Voltage Regulator Fault - Low-Side	True	
Motor A Phase W Cross Conduction Fault - High-Side	False	
Motor A Phase W Over Voltage Fault VH - High-Side	False	
Motor A Phase V Under Voltage Fault VDD - Low-Side	False	
Motor A Phase W Over Voltage Fault VL - High-Side	False	
Motor A Phase W Comm Error High Voltage Regulator Fault - High-Side	True	
Motor A Phase W Under Voltage Fault VL - High-Side	False	
Motor A Phase W Under Voltage Fault VH - Low-Side	True	
Motor A Phase W Under Voltage Fault VH - High-Side	False	
Motor A Phase W Under Voltage Fault VL - Low-Side	False	
Motor A Phase W Over Voltage Fault VL - Low-Side	False	
Motor A Phase W Over Voltage Fault VDD - High-Side	False	
Motor A Phase W Under Voltage Fault VDD - High-Side	False	
Motor A Phase W Over Voltage Fault VDD - Low-Side	False	
Motor A Phase W Under Voltage Fault VDD - Low-Side	False	
Inverter A Status Feedback	Inverter Faulted	
Motor A Phase W Comm Error High Voltage Regulator Fault - Low-Side	True	
Motor A Phase W Over Voltage Fault VH - Low-Side	False	
Most Recent Odometer Value	4467.0	miles
Frequency Counter	2	
RAM stamps keyOn	0	sec
Original Odometer Value	4467.0	miles
Real time clock	25085280	sec
RAM Stamps	20865	Min
Engine Speed	0	rpm
Ignition Cycle Counter	0	
Accelerator Pedal Position	0	%
Barometric Pressure	15	PSI
Engine Coolant Temperature	72	°F
Inverter A Input DC Current	0.0	AMP
HV Battery SOC	87	%
Vehicle Speed	0.0000	MPH
Motor A - Inverter Current - phase A	-4	AMP
Available Motor Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Motor A Resolver Supply Voltage Value	15.75	Volts

Electric Motor A Speed	0.0	rpm
Battery Feed Voltage 3 Sense	11.448	Volts
Motor A - Inverter Current - phase C	-4	AMP
Motor A - Inverter Current - phase B	-4	AMP
Internal EPS Voltage Sense B	0.000	Volts
Internal EPS Voltage Sense A	0.072	Volts
Battery Feed Voltage 2 Sense	11.448	Volts
High Temp Aux Pump - Actual Speed	0	rpm
PIM DC Link Voltage - B	2	Volts
PIM DC Link Voltage - A	2	Volts
Passive Pump Coolant Temp In Sensor	77	°F
Low Temp Active Pump Speed	0	rpm
Outside Air Temperature	77.0	°F
Actual Torque - Motor B	0.092	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Battery Feed Voltage 1 Sense	11.448	Volts
Motor B - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor B Temp Sensor	77	°F
Inverter A IGBT Temperature for phase A	32	°F
Inverter A IGBT Temperature for phase B	32	°F
Inverter B IGBT Temperature for phase B	32	°F
Inverter B IGBT Temperature for phase C	32	°F
Motor B Resolver Angle	14	Degree
Electric Motor B Speed	0.0	rpm
HV Battery Voltage from BPCM	180.00	Volts
Inverter B IGBT Temperature for phase A	32	°F
Inverter A IGBT Temperature for phase C	32	°F
Motor B Torque	0.092	Ft-Lbs
Motor A Torque	0.000	Ft-Lbs
Distance Travelled with Light ON	0	miles
HV Battery Sleep Time	0	Days
GPS Date - Day	1	Days
GPS Date - Year	0	Year
GPS Date - Month	1	
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
ECU Time - Milliseconds	0	ms
UTC Time - Seconds	0	seconds

HCP | P16F9-00 | Active | HCP Internal - Shutdown Performance-

NAME	VALUE	UNITS
DTC	16 F9 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Test Not Completed Since Last Clear	False	
Pending DTC	True	
Confirmed DTC	True	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
DTC Extended Data Record Number	05	
Brake Switch Status	Not Applied	
Ignition State	Reserved	
Propulsion System Active	False	
PHEV Charging Status	No Charging	
Main Processor Reset Source - Core 0	Power Up	
PRND Position Display	P	
Preserved NVM CRC Status	Passed	
Main Processor Reset Source - Core 1	Power Up	
Static NVM CRC Status	Passed	
Cumulative NVM CRC Status	Passed	
Adaptable NVM CRC Status	Passed	
MCPUninit EEPROM CRC Status	Passed	
HCP - MCPA SPI CRC Error Count	00	
Expendable NVM CRC Status	Passed	
BSW EEPROM CRC Status	Passed	
Non Volatile RAM CRC Status	Passed	
HCP - MCPA SPI ARC Error Count	00	
MCPInit EEPROM CRC Status	Passed	
MCPB - MCPA SPI ARC Error Count	00	
MemShare CRC Error Count- Core 0	28	
MemShare ARC Error Count- Core 0	00	
MemShare CRC Error Count- Core 1	FF	
MCPB - MCPA SPI CRC Error Count	00	
MemShare ARC Error Count- Core 1	03	
Main Stack Fault	False	
Main Analog-to-Digital Converter Fault	False	
External Watchdog Fault	False	
MainTPU_Flt	False	
Main Clock Fault	False	
MAIN ALU Fault	False	
MAIN Detected SPI Fault	False	

Main Detected Seed Received In Wrong Order	False	
Hybrid System State	Evaluate High Voltage Enable	
CBC Wake-Up Input	On	
EPT LOC Diag Enable	Disable LOC Daignostic	
HV Contactor Status	Open	
HCP ePT Wake-Up Output	On	
APM Status	Idle	
Impact Event	False	
HCP System Shutdown Command	Default	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Most Recent Odometer Value	4467.0	miles
RAM stamps keyOn	0	sec
Real time clock	25085280	sec
Original Odometer Value	4467.0	miles
Accelerator Pedal Position	0	%
HV Battery SOC	87	%
RAM Stamps	20865	Min
Ignition Cycle Counter	0	
Engine Speed	0	rpm
Engine Coolant Temperature	72	°F
Frequency Counter	3	
Barometric Pressure	15	PSI
Vehicle Speed	0.0000	MPH
Battery Feed Voltage 2 Sense	11.664	Volts
Internal EPS Voltage Sense A	0.072	Volts
Internal EPS Voltage Sense B	0.000	Volts
Battery Feed Voltage 3 Sense	11.592	Volts
Available Motor Torque - Motor B	232.301	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor A	93.658	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Motor A - Inverter Current - phase C	-4	AMP
Available Regen Torque - Motor A	-93.658	Ft-Lbs
Motor A - Inverter Current - phase A	0	AMP
Battery Feed Voltage 1 Sense	11.592	Volts
Motor B - Inverter Current - phase A	-4	AMP
Motor A Resolver Angle	134	Degree
Motor A - Inverter Current - phase B	0	AMP
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Motor B - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase C	0	AMP
Motor B Temp Sensor	77	°F

HV Battery Voltage from BPCM	180.00	Volts
Inverter B IGBT Temperature for phase A	32	°F
Outside Air Temperature	77.9	°F
Motor A Temp Sensor	77	°F
Electric Motor B Speed	0.0	rpm
Actual Torque - Motor B	0.092	Ft-Lbs
Inverter A IGBT Temperature for phase B	32	°F
PIM DC Link Voltage - B	2	Volts
Motor B Resolver Angle	14	Degree
Inverter B IGBT Temperature for phase B	32	°F
Inverter A IGBT Temperature for phase A	32	°F
Motor B Torque	0.092	Ft-Lbs
GPS Date - Month	1	
Inverter B IGBT Temperature for phase C	32	°F
PIM DC Link Voltage - A	2	Volts
GPS Date - Year	0	Year
UTC Time - Minutes	0	
UTC Time - Hours	0	Hours
Electric Motor A Speed	0.0	rpm
ECU Time - Milliseconds	0	ms
Inverter A IGBT Temperature for phase C	32	°F
Distance Travelled with Light ON	0	miles
Motor A Torque	0.000	Ft-Lbs
HV Battery Sleep Time	0	Days
GPS Date - Day	1	Days
UTC Time - Seconds	0	seconds

SNAPSHOT DATA SUMMARY

No Snapshot Data available for P0A78-00

No Snapshot Data available for P0C0B-00

No Snapshot Data available for P16F9-00



VEHICLE SCAN REPORT

Vehicle 2020 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
VIN [redacted]

Odometer 4467.0 miles
Publication Date Jun 21, 2021, 9:06:06 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
PCM	Powertrain Control Module	CAN-C	68444229AE	[redacted]		68444229AE
ICS	Integrated Center Stack	CAN-I	6UX601X8AA			6UX601X8AA
RFH	Radio Frequency Hub	CAN-C	68453559AB			68453559AB
ESM	Electronic Shifter	CAN-C	68240089AM			68240089AM
ORC	Occupant Restraint	CAN-C	68453076AD			68453076AD
EPS	Electric Power Steering	CAN-C	68460392AA			68460392AA
ANC	Active Noise Cancelation	CAN-I	68440556AB			68440556AB
HVAC	Heat, Ventilation and A/C	CAN-I	68447893AC			68447893AC
DDM	Driver Door Module	CAN-I	68424451AC			68424451AC
PDM	Passenger Door Module	CAN-I	68424450AC			68424450AC
DMRL	Door Module Rear Left	CAN-I	68225096AG			68225096AG
DMRR	Door Module Rear Right	CAN-I	68225096AG			68225096AG
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AD			68369596AD
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AD			68369596AD
PLGM	Power Liftgate	CAN-I	68316094AF			68316094AF
CSWM	Comfort Seat Wheel Module	CAN-I	68434910AC			68434910AC
IPC	Instrument Panel Cluster	CAN-C	68434956AD			68434956AD
PTS	Parktronics	CAN-C	68193772AJ			68193772AJ
SCCM	Steering Column Control Module	CAN-C	68360889AD			68360889AD
BCM	Body Controller	CAN-C	68424601AF			68424601AF
RADIO	Radio	CAN-I	68461768AD			68461768AD

OCM	Occupant Classification	CAN-C	68403127AA	[redacted]	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
APM	Accessory Power Module	CAN-C	05185046AB		05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193166AD		05193166AD
HCP	Hybrid Control Processor	CAN-C	05190289AC		05190289AC
OBCM	On Board Charging Module	CAN-C	05185047AE		05185047AE
DSM	Display Screen Module	CAN-I	68316175AC		68316175AC
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30PD2AA		6WL30PD2AA
EAC	Electric A/C Compressor	CAN-C	68237995AG		68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05190290AC		05190290AC
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB		68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD		68471122AD
SGW	Security Gateway Module	CAN-C	68447193AB		68447193AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
PCM	USA	1B 47	46 03 01	4419	DFF8E724
ICS	USA	0F 0C 00	12 25 00	4400	
RFH	USA / USA	10 17 00	13 09 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	
ANC	USA	0F 05 01	12 2C 01	4210	
HVAC	USA	0E 09 00	13 05 01	4401	
DDM	USA	11 07 00	13 0B 00	4202	
PDM	USA	11 07 00	13 0B 00	4202	
DMRL	USA / USA	10 0B 00	12 0C 00	4201	
DMRR	USA / USA	10 0B 00	12 0C 00	4201	
PSDML	USA / USA	10 17 00	14 10 12	4001	
PSDMR	USA / USA	10 17 00	14 10 12	4001	
PLGM	USA	17 19 00	18 22 00	4202	
CSWM	USA	11 2A 00	13 2C 00	4302	
IPC	USA / USA	12 06 00	14 0B 00	4704	

PTS	USA	0E 32 00	12 1F 00	4311	
SCCM	USA	13 28 00	13 29 00	4301	
BCM	USA	0D 11 00	14 1B 90	4415	
RADIO	USA	13 31 14	13 31 14	8205	
OCM	USA / USA	11 1F 01	0E 2F 02	4030	
HVACR	USA	0E 09 00	10 03 02	4301	
LBSS	USA / USA	11 30 02	12 0D 00	4202	
RBSS	USA / USA	11 30 02	12 0D 00	4202	
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM	Not programmed / COUNTRY_SNA	0E 03 00	13 18 03	4005	F5BC8401
HCP	USA	11 1D 07	13 30 01	4005	92BCF62B 04D8393A 050DC953
OBCM	USA	0F 0D 00	12 02 00	4002	
DSM	USA / USA	13 29 00	12 23 00	4000	
RCCC	USA	0F 1D 00	13 04 00	4000	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1D 07	13 30 01	4000	
EBBM	USA	0E 19 02	14 0D 18	4000	E5898FA5
ABSO	USA	0E 15 02	14 1B 26	4201	4F158D1B
SGW		5	779	4103	

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
PCM	P0113	Intake Air Temperature Sensor 1 Circuit High	Pending
BPCM	P1AE2-00	Battery Energy Control Module High Voltage System Interlock Circuit-	Active
BPCM	P0A95-00	High Voltage Fuse "A"-	Active
BPCM	P0AA4-00	Hybrid/EV Battery Negative Contactor "A" Stuck Closed-	Active
HCP	P0A78-00	Drive Motor A Inverter Performance-	Active
HCP	P0C0B-00	Drive Motor A Inverter Power Supply Circuit/Open-	Stored
HCP	P16F9-00	HCP Internal - Shutdown Performance-	Active
HCP	U0623-00	Lost Communication with Coolant Pump "A"-	Pending
ABSO	C2222-00	Improper Powerdown-	Active

ENVIRONMENTAL DATA SUMMARY

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

NAME	VALUE	UNITS
DTC		
DTC Readiness Flag		
Warning Indicator Request State		
DTC Storage State		
Number of DTC	0	
Warm Up Cycles		
Odometer		miles

Accumulation Timer		minutes
Starts Since Set Counter		
Good Trip Counter		
Key Cycles Since DTC Last Set Counter		
Ignition Key Cycles		

BPCM | P1AE2-00 | Active | Battery Energy Control Module High Voltage System Interlock Circuit-

NAME	VALUE	UNITS
Key in Ignition	Key_Def	
Key Position	Ign_Lock	
EPT -WakeUp	Sourced	
HCP Contactor Command	Impact Open	
Verified Contactor Command - VCC	Invalid	
Contactor Status	Open	
Qualified Contactor Command - QCC	Open	
ChargingLevel	Plug in, but no charge	
Plug in Status	Not plugged in	
Balance Mode	False	
Battery in Periodic wake up (Wake up vehicle) at time of Fault	False	
Battery in Periodic wake up (Just battery) at time of Fault	False	
HVIL Status - Battery pack	Not Sourced	
HVIL Status -Vehicle	Not Sourced	
Pump - Wire Open\Short to Gnd	PASS	
Pump - Dry Run Detection	PASS	
Pump - Overtemperature	PASS	
Pump - Overcurrent	PASS	
Pump - Switch Power Short	PASS	
Fault trigger level 2	False	
Fault trigger level 1	False	
Fault trigger level 3	False	
Fault Path	01	
Key - DriveRdy (CAN)	False	
Battery Cell Highest Cell number	00	
Battery Cell Lowest Cell number	00	
Battery Temperature Lowest Sensor number	01	
Battery Temperature Highest Sensor number	01	
Battery Temperature Number of Failing Sensors	12	
HV Cooling Pump Relay Drive	Not Sourced	
Isolation Vehicle Diagnostic Status	Run and Passed	
Pump - Battery Coolant Level Low	False	
Isolation Battery Diagnostic Status	Run and Passed	
BPCM Sec Asic Reset Req	Not active	
BPCM Sec Asic Fault Input	Active	
BPCM L2 General Monitoring Flt Rsn	L2L1_CELL_MAX_V_CMP_FLT	

BPCM Sec CC Path Test Active	Not active	
BPCM L2 Contactor Dslb Req	Undetermined	
BPCM L2 CC Path Test Req	Undetermined	
BPCM Sec HW Timer Status	Not active	
BPCM Main HW Timer Status	Not active	
BPCM Sec Contactor State	Open	
BPCM L2 ASIC Diagnostic Flt Rsn	ADCTest	
BPCM Sec Asic Fault State	Undefined	
Real Time Clock Validity	True	
DTC	1A E2 00	
Test Failed This Operation Cycle	True	
Test Failed	True	
Pending DTC	True	
Test Not Completed Since Last Clear	False	
Confirmed DTC	True	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	False	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
DTC Extended Data Record Number - 2	6C	
Frequency Counter	1	
Ignition Cycle Counter	0	
FoM - for this DTC (lifetime fails)	10	events
FoM - for this DTC (lifetime fails counts on pass)	0.0000	seconds
Battery Total Time Awake	25079070	seconds
Vehicle mileage at time of fault (ODO signal in $3D2)	4466.87	miles
FoM - for this DTC (lifetime longest fail on pass)	0.000	seconds
Vehicle Speed	0.0	MPH
Battery Lifetime Miles	469A07	miles
System (12) Volts at time of fault	11.402	Volts
Battery Lifetime AmpHrs of DisCharge	0.0	AHr
Battery Lifetime AmpHrs of Charge	0.0	AHr
SOC at time of Fault	0.0	%
Power Up SOC at time of Fault	0.0	%
HVIL PWM Duty Cycle - Vehicle	0.0	%
HVIL PWM Frequency - Vehicle	0.0	Hz
HVIL PWM peak voltage Sensed - Vehicle	0.424	Volts
HVIL Source Voltage- Battery	7.245	Volts
HVIL PWM peak voltage Sourced - Vehicle	7.066	Volts
HVIL Returned current - Battery	0.10	mA
HV Cooling Speed Pump 1 Target	725	rpm
HV Battery Current Sensor 2 Hall Low	0.00	Amps
Charge indicator Temp	68	°F

HV Battery Current HVBatCrnt	0.00	Amps
HV Battery Current Sensor 1 Hall High	-0.60	Amps
BPCM temperature max	-40	°F
Isolation Circuitry Va	2.500	Volts
HV Cooling Speed pump 1 Speed	725	rpm
BPCM temperature min	-40	°F
Isolation Circuitry Vd	0.000	Volts
Isolation Circuitry Vb	2.501	Volts
WC and Circuitry Vcc Voltage	4.990	Volts
WC and Circuitry 2.5V Reference Voltage	2.501	Volts
Cycles left to self heal	40	No Unit
WC and Circuitry Weld Contactor Sensor G (Pack Negative) Voltage	-1.2	Volts
WC and CircuitryISO 8V Reference Voltage	7.990	Volts
HV Battery Charge Power 2sec	0	watts
HV Battery Discharge Power 10sec	0	watts
HV Battery Discharge Power 2sec	0	watts
HV Battery Charge Power 10sec	0	watts
HV Battery Power	007530	watts
Cell Impedance Max Discharge	0	mOhms
Battery Lifetime Number Of Closes	711	
Cell Impedance Mim Discharge	0	mOhms
Battery Full AmpHr Capacity	0	AmpHrs
Battery Cell Voltage Minimum	34464	mV
Battery Cell Voltage Maximum	0	mV
HV Battery Voltage (cell sum)	0.00	Volts
Battery Cell Voltage Average	3850	mV
HV Sensor C OBCM (HVOBC Fuse) Voltage	0.60	Volts
HV Sensor B Bus\Link (Pre-Fuse) Voltage	0.60	Volts
HV Battery Voltage (Module Sum)	0.00	Volts
HV Sensor A Pack Voltage	1.30	Volts
HV Sensor G Weld Contactor(Pack Negative) Voltage	-1.2	Volts
HV Sensor D Heater (HVHTR Fuse) Voltage	0.60	Volts
Battery Temperature Minimum Module	-40	°F
Battery Temperature Maximum Module	-40	°F
Battery Temperature Average Module	-40	°F
HV Cooling Battery coolant inlet temp	68	°F
HV Cooling OBCM temp inlet Temp	68	°F
HV Cooling Battery coolant outlet temp	68	°F
Isolation Vehicle Impedance	7.2205	Mega Ohms
Isolation Battery Impedance	0.8480	Mega Ohms
HV Bat SOH-R	0.0	%
HV Bat SOH-C	0.0	%
BPCM Sec QA Error Counter	0	cnts
BPCM L2 SM Hw Reset Error Counter	0	No Unit

BPCM Sec MM Hw Reset Error Counter	0	cnts
Engine Speed	0	rpm
Accelerator position	0.0	%
Real time clock-OS Task Delay Timer	0	
Real time clock	429496.7295	seconds
Most Recent Odometer Value	4464	miles
Original Odometer Value	4464	miles

BPCM | P0A95-00 | Active | High Voltage Fuse "A"-

NAME	VALUE	UNITS
Key in Ignition	Key_Def	
HCP Contactor Command	Open	
EPT -WakeUp	Sourced	
Key Position	Ign_ Run	
Qualified Contactor Command - QCC	Open	
Verified Contactor Command - VCC	Open	
Plug in Status	Not plugged in	
Contactor Status	Open	
Balance Mode	False	
ChargingLevel	Plug in, but no charge	
Battery in Periodic wake up (Just battery) at time of Fault	False	
Battery in Periodic wake up (Wake up vehicle) at time of Fault	False	
HVIL Status -Vehicle	Not Sourced	
HVIL Status - Battery pack	PASS	
Pump - Dry Run Detection	PASS	
Pump - Overcurrent	PASS	
Pump - Overtemperature	PASS	
Pump - Wire Open\Short to Gnd	PASS	
Pump - Switch Power Shorted	PASS	
Fault trigger level 1	False	
Fault trigger level 2	False	
Fault Path	01	
Fault trigger level 3	False	
Key - DriveRdy (CAN)	True	
Battery Cell Lowest Cell number	54	
Battery Cell Highest Cell number	88	
Battery Temperature Highest Sensor number	01	
Battery Temperature Number of Failing Sensors	00	
Battery Temperature Lowest Sensor number	10	
HV Cooling Pump Relay Drive	Not Sourced	
Isolation Vehicle Diagnostic Status	Run and Passed	
Pump - Battery Coolant Level Low	False	
Isolation Battery Diagnostic Status	Run and Passed	
BPCM Sec Asic Reset Req	Not active	

BPCM Sec Asic Fault Input	Active	
BPCM Sec CC Path Test Active	Not active	
BPCM L2 General Monitoring Flt Rsn	L2L1_CELL_MAX_V_CMP_FLT	
BPCM L2 Contactor Dslb Req	Undetermined	
BPCM L2 CC Path Test Req	Undetermined	
BPCM L2 ASIC Diagnostic Flt Rsn	ADCTest	
BPCM Sec Contactor State	Open	
BPCM Sec HW Timer Status	Not active	
BPCM Main HW Timer Status	Not active	
BPCM Sec Asic Fault State	NOTASSERTED	
Real Time Clock Validity	True	
DTC	0A 95 00	
Test Failed	True	
Test Failed This Operation Cycle	False	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Warning Indicator Requested	False	
Test Not Completed This Operation Cycle	True	
DTC Extended Data Record Number - All	01	
DTC Extended Data Record Number - 2	08	
Occurrence flag	ERROR	
Ignition Cycle Counter	0	
FoM - for this DTC (lifetime fails)	29	events
Frequency Counter	1	
Battery Total Time Awake	25078538	seconds
FoM - for this DTC (lifetime longest fail on pass)	0.960	seconds
FoM - for this DTC (lifetime fails counts on pass)	0.9600	seconds
Vehicle mileage at time of fault (ODO signal in $3D2)	4466.87	miles
Battery Lifetime Miles	469A07	miles
Battery Lifetime AmpHrs of Charge	1878.2	AHr
Vehicle Speed	0.0	MPH
System (12) Volts at time of fault	11.223	Volts
Battery Lifetime AmpHrs of DisCharge	1847.7	AHr
Power Up SOC at time of Fault	87.1	%
SOC at time of Fault	87.1	%
HVIL PWM peak voltage Sourced - Vehicle	0.320	Volts
HVIL PWM Frequency - Vehicle	0.0	Hz
HVIL PWM Duty Cycle - Vehicle	0.0	%
HVIL PWM peak voltage Sensed - Vehicle	0.320	Volts
HVIL Source Voltage- Battery	1.377	Volts
HV Battery Current Sensor 1 Hall High	0.20	Amps
HVIL Returned current - Battery	30.60	mA

HV Battery Current HVBatCrnt	0.00	Amps
HV Cooling Speed Pump 1 Target	0	rpm
HV Cooling Speed pump 1 Speed	0	rpm
HV Battery Current Sensor 2 Hall Low	0.00	Amps
BPCM temperature max	86	°F
BPCM temperature min	84	°F
Charge indicator Temp	115	°F
Isolation Circuitry Vb	2.502	Volts
Isolation Circuitry Va	2.500	Volts
WC and Circuitry 2.5V Reference Voltage	2.501	Volts
Isolation Circuitry Vd	0.000	Volts
WC and Circuitry Vcc Voltage	4.990	Volts
WC and CircuitryISO 8V Reference Voltage	7.990	Volts
WC and Circuitry Weld Contactor Sensor G (Pack Negative) Voltage	-1.2	Volts
HV Battery Charge Power 2sec	89400	watts
Cycles left to self heal	40	No Unit
HV Battery Discharge Power 2sec	106278	watts
HV Battery Charge Power 10sec	72225	watts
HV Battery Discharge Power 10sec	104112	watts
HV Battery Power	007530	watts
Battery Lifetime Number Of Closes	711	
Battery Full AmpHr Capacity	49	AmpHrs
Cell Impedance Mim Discharge	0	mOhms
Battery Cell Voltage Maximum	4044	mV
Cell Impedance Max Discharge	0	mOhms
Battery Cell Voltage Minimum	4028	mV
Battery Cell Voltage Average	4034	mV
HV Battery Voltage (Module Sum)	387.10	Volts
HV Battery Voltage (cell sum)	387.20	Volts
HV Sensor A Pack Voltage	36.00	Volts
HV Sensor B Bus\Link (Pre-Fuse) Voltage	0.70	Volts
HV Sensor C OBCM (HVOBC Fuse) Voltage	0.70	Volts
HV Sensor D Heater (HVHTR Fuse) Voltage	0.70	Volts
HV Sensor G Weld Contactor(Pack Negative) Voltage	-1.2	Volts
Battery Temperature Maximum Module	86	°F
Battery Temperature Minimum Module	84	°F
HV Cooling Battery coolant inlet temp	90	°F
Battery Temperature Average Module	86	°F
HV Cooling Battery coolant outlet temp	90	°F
HV Cooling OBCM temp inlet Temp	95	°F
Isolation Vehicle Impedance	7.2205	Mega Ohms
HV Bat SOH-C	93.7	%
HV Bat SOH-R	3.1	%
BPCM Sec QA Error Counter	3	cnts

BPCM Sec MM Hw Reset Error Counter	0	cnts
Isolation Battery Impedance	0.8480	Mega Ohms
BPCM L2 SM Hw Reset Error Counter	0	No Unit
Real time clock	429496.7295	seconds
Engine Speed	0	rpm
Real time clock-OS Task Delay Timer	0	
Most Recent Odometer Value	4464	miles
Accelerator position	7.8	%
Original Odometer Value	4464	miles

BPCM | P0AA4-00 | Active | Hybrid/EV Battery Negative Contactor "A" Stuck Closed-

NAME	VALUE	UNITS
Key in Ignition	Key_Def	
Key Position	Ign_ Run	
HCP Contactor Command	Open	
EPT -WakeUp	Sourced	
Qualified Contactor Command - QCC	Open	
Verified Contactor Command - VCC	Open	
Plug in Status	Not plugged in	
Contactor Status	Open	
ChargingLevel	Plug in, but no charge	
Battery in Periodic wake up (Just battery) at time of Fault	False	
Balance Mode	False	
Battery in Periodic wake up (Wake up vehicle) at time of Fault	False	
HVIL Status -Vehicle	Not Sourced	
HVIL Status - Battery pack	PASS	
Pump - Wire Open\Short to Gnd	PASS	
Pump - Dry Run Detection	PASS	
Pump - Overcurrent	PASS	
Pump - Overtemperature	PASS	
Pump - Switch Power Shorted	PASS	
Fault trigger level 1	False	
Fault trigger level 2	False	
Fault trigger level 3	False	
Fault Path	01	
Key - DriveRdy (CAN)	True	
Battery Cell Lowest Cell number	33	
Battery Cell Highest Cell number	88	
Battery Temperature Lowest Sensor number	10	
Battery Temperature Highest Sensor number	01	
Battery Temperature Number of Failing Sensors	00	
HV Cooling Pump Relay Drive	Not Sourced	
Pump - Battery Coolant Level Low	False	
Isolation Vehicle Diagnostic Status	Run and Passed	

Isolation Battery Diagnostic Status	Run and Passed	
BPCM Sec Asic Reset Req	Not active	
BPCM Sec Asic Fault Input	Not active	
BPCM Sec CC Path Test Active	Not active	
BPCM L2 CC Path Test Req	Undetermined	
BPCM L2 General Monitoring Flt Rsn	L2L1_CELL_MAX_V_CMP_FLT	
BPCM L2 ASIC Diagnostic Flt Rsn	ADCTest	
BPCM L2 Contactor Dslb Req	Undetermined	
BPCM Sec HW Timer Status	Not active	
BPCM Sec Contactor State	Open	
BPCM Sec Asic Fault State	NOTASSERTED	
BPCM Main HW Timer Status	Not active	
Test Failed	True	
Real Time Clock Validity	True	
DTC	0A A4 00	
Pending DTC	True	
Test Not Completed Since Last Clear	False	
Confirmed DTC	True	
Test Failed This Operation Cycle	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	True	
DTC Extended Data Record Number - All	01	
Warning Indicator Requested	False	
Occurrence flag	ERROR	
DTC Extended Data Record Number - 2	0E	
Ignition Cycle Counter	0	
Frequency Counter	1	
FoM - for this DTC (lifetime fails)	29	events
Battery Total Time Awake	25078532	seconds
FoM - for this DTC (lifetime fails counts on pass)	0.0000	seconds
FoM - for this DTC (lifetime longest fail on pass)	0.000	seconds
Battery Lifetime Miles	469A07	miles
Vehicle Speed	0.0	MPH
Vehicle mileage at time of fault (ODO signal in $3D2)	4466.87	miles
Battery Lifetime AmpHrs of Charge	1878.2	AHr
System (12) Volts at time of fault	11.223	Volts
Battery Lifetime AmpHrs of DisCharge	1847.7	AHr
Power Up SOC at time of Fault	87.1	%
SOC at time of Fault	87.1	%
HVIL PWM Duty Cycle - Vehicle	0.0	%
HVIL PWM peak voltage Sourced - Vehicle	0.320	Volts
HVIL PWM Frequency - Vehicle	0.0	Hz
HVIL Returned current - Battery	30.60	mA
HVIL Source Voltage- Battery	1.377	Volts

HV Battery Current Sensor 1 Hall High	-0.40	Amps
HVIL PWM peak voltage Sensed - Vehicle	0.320	Volts
HV Battery Current Sensor 2 Hall Low	0.00	Amps
HV Cooling Speed Pump 1 Target	0	rpm
HV Battery Current HVBatCrnt	0.00	Amps
HV Cooling Speed pump 1 Speed	0	rpm
BPCM temperature max	86	°F
BPCM temperature min	84	°F
Charge indicator Temp	115	°F
Isolation Circuitry Vd	0.000	Volts
Isolation Circuitry Va	2.500	Volts
Isolation Circuitry Vb	2.502	Volts
WC and Circuitry 2.5V Reference Voltage	2.501	Volts
WC and Circuitry Vcc Voltage	4.990	Volts
WC and Circuitry Weld Contactor Sensor G (Pack Negative) Voltage	-1.2	Volts
Cycles left to self heal	40	No Unit
WC and CircuitryISO 8V Reference Voltage	7.990	Volts
HV Battery Charge Power 2sec	89196	watts
HV Battery Discharge Power 2sec	106278	watts
HV Battery Discharge Power 10sec	104112	watts
HV Battery Charge Power 10sec	72048	watts
Battery Lifetime Number Of Closes	711	
HV Battery Power	007530	watts
Battery Full AmpHr Capacity	49	AmpHrs
Cell Impedance Mim Discharge	0	mOhms
Cell Impedance Max Discharge	0	mOhms
Battery Cell Voltage Maximum	4044	mV
Battery Cell Voltage Average	4034	mV
Battery Cell Voltage Minimum	4028	mV
HV Battery Voltage (cell sum)	387.30	Volts
HV Sensor A Pack Voltage	36.20	Volts
HV Battery Voltage (Module Sum)	387.10	Volts
HV Sensor C OBCM (HVOBC Fuse) Voltage	0.70	Volts
HV Sensor D Heater (HVHTR Fuse) Voltage	0.70	Volts
HV Sensor G Weld Contactor(Pack Negative) Voltage	-1.2	Volts
HV Sensor B Bus\Link (Pre-Fuse) Voltage	0.70	Volts
Battery Temperature Maximum Module	86	°F
Battery Temperature Average Module	86	°F
Battery Temperature Minimum Module	84	°F
HV Cooling Battery coolant outlet temp	90	°F
HV Cooling Battery coolant inlet temp	90	°F
HV Cooling OBCM temp inlet Temp	95	°F
Isolation Vehicle Impedance	7.2205	Mega Ohms
HV Bat SOH-C	93.7	%

HV Bat SOH-R	3.1	%
Isolation Battery Impedance	0.8480	Mega Ohms
BPCM Sec QA Error Counter	0	cnts
BPCM Sec MM Hw Reset Error Counter	0	cnts
Engine Speed	0	rpm
BPCM L2 SM Hw Reset Error Counter	0	No Unit
Accelerator position	7.5	%
Real time clock-OS Task Delay Timer	0	
Real time clock	429496.7295	seconds
Most Recent Odometer Value	4464	miles
Original Odometer Value	4464	miles

HCP | P0A78-00 | Active | Drive Motor A Inverter Performance-

NAME	VALUE	UNITS
DTC	0A 78 00	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Test Failed	True	
Test Not Completed Since Last Clear	False	
Confirmed DTC	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Test Failed Since Last Clear	True	
Occurrence flag	Occurrence	
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	False	
Motor A Phase U Cross Conduction Fault - High-Side	False	
Motor A Phase U Short Fault - High-Side	False	
Motor A Phase U Over Current Fault - High-Side	False	
Motor A Phase U Comm Error High Voltage Regulator Fault - High-Side	True	
Motor A Phase U Thermal Warning Fault - High-Side	False	
Motor A Phase U SPI Error Fault - High-Side	False	
Motor A Phase U Comm Error Low Voltage Regulator Fault - High-Side	True	
Motor A Phase U Thermal Shutdown Fault - High-Side	False	
Motor A Phase U Hardware Error Fault - High-Side	True	
Motor A Phase U Short Fault - Low-Side	False	
Motor A Phase U Cross Conduction Fault - Low-Side	False	
Motor A Phase U Thermal Shutdown Fault - Low-Side	False	
Motor A Phase U Over Current Fault - Low-Side	False	
Motor A Phase U SPI Error Fault - Low-Side	False	
Motor A Phase U Thermal Warning Fault - Low-Side	False	

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

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

Motor A Phase W Comm Error High Voltage Regulator Fault - Low-Side	True	
Real time clock	25078534	sec
Original Odometer Value	4467.0	miles
Most Recent Odometer Value	4467.0	miles
Ignition Cycle Counter	0	
Accelerator Pedal Position	0	%
RAM stamps keyOn	585	sec
Frequency Counter	1	
HV Battery SOC	87	%
RAM Stamps	20846	Min
Engine Speed	0	rpm
Barometric Pressure	15	PSI
Engine Coolant Temperature	91	°F
Vehicle Speed	0.0000	MPH
Inverter A Input DC Current	0.0	AMP
Available Motor Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Motor A - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase C	-4	AMP
Electric Motor A Speed	0.5	rpm
Motor A - Inverter Current - phase B	-4	AMP
Battery Feed Voltage 3 Sense	11.016	Volts
Motor A Resolver Supply Voltage Value	15.75	Volts
Internal EPS Voltage Sense A	0.144	Volts
PIM DC Link Voltage - A	2	Volts
Internal EPS Voltage Sense B	0.000	Volts
Battery Feed Voltage 2 Sense	11.016	Volts
PIM DC Link Voltage - B	2	Volts
High Temp Aux Pump - Actual Speed	0	rpm
Passive Pump Coolant Temp In Sensor	93	°F
Outside Air Temperature	95.0	°F
Low Temp Active Pump Speed	0	rpm
Available Regen Torque - Motor A	0.000	Ft-Lbs
Battery Feed Voltage 1 Sense	10.944	Volts
Available Motor Torque - Motor B	232.301	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Actual Torque - Motor B	0.092	Ft-Lbs
Motor B - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor B Temp Sensor	93	°F
Inverter A IGBT Temperature for phase A	95	°F
Motor B - Inverter Current - phase B	0	AMP

HV Battery Voltage from BPCM	180.00	Volts
Inverter A IGBT Temperature for phase C	97	°F
Motor B Resolver Angle	12	Degree
Electric Motor B Speed	0.0	rpm
Inverter B IGBT Temperature for phase A	97	°F
Inverter B IGBT Temperature for phase B	97	°F
Inverter A IGBT Temperature for phase B	-9	°F
Inverter B IGBT Temperature for phase C	95	°F
Distance Travelled with Light ON	3	miles
GPS Date - Day	1	Days
HV Battery Sleep Time	0	Days
Motor B Torque	0.092	Ft-Lbs
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
Motor A Torque	0.000	Ft-Lbs
GPS Date - Month	1	
UTC Time - Seconds	0	seconds
GPS Date - Year	0	Year
ECU Time - Milliseconds	0	ms

HCP | P0C0B-00 | Stored | Drive Motor A Inverter Power Supply Circuit/Open-

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

Motor A Phase U Hardware Error Fault - High-Side	True	
Motor A Phase U Short Fault - Low-Side	False	
Motor A Phase U Cross Conduction Fault - Low-Side	False	
Motor A Phase U SPI Error Fault - High-Side	False	
Motor A Phase U Thermal Warning Fault - Low-Side	False	
Motor A Phase U Over Current Fault - Low-Side	False	
Motor A Phase U SPI Error Fault - Low-Side	False	
Motor A Phase U Thermal Shutdown Fault - Low-Side	False	
Motor A Phase U Hardware Error Fault - Low-Side	True	
Motor A Phase V Short Fault - High-Side	False	
Motor A Phase V Cross Conduction Fault - High-Side	False	
Motor A Phase V Thermal Shutdown 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 Hardware Error Fault - High-Side	False	
Motor A Phase V SPI Error Fault - High-Side	False	
Motor A Phase V Comm Error Low Voltage Regulator Fault - High-Side	True	
Motor A Phase V Comm Error High Voltage Regulator Fault - High-Side	True	
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 Shutdown Fault - Low-Side	False	
Motor A Phase V Thermal Warning Fault - Low-Side	False	
Motor A Phase V SPI Error Fault - Low-Side	False	
Motor A Phase V Hardware Error Fault - Low-Side	True	
Motor A Phase W Thermal Warning Fault - High-Side	False	
Motor A Phase W Thermal Shutdown Fault - High-Side	False	
Motor A Phase W Over Current Fault - High-Side	False	
Motor A Phase W Short Fault - High-Side	False	
Motor A Phase W SPI Error Fault - High-Side	False	
Motor A Phase W Hardware Error Fault - High-Side	True	
Motor A Phase W Short Fault - Low-Side	False	
Motor A Phase W Comm Error Low Voltage Regulator Fault - High-Side	True	
Motor A Phase W Cross Conduction Fault - Low-Side	False	
Motor A Phase W Thermal Warning Fault - Low-Side	False	
Motor A Phase W Thermal Shutdown Fault - Low-Side	False	
Motor A Phase W SPI Error Fault - Low-Side	False	
Motor A Phase W Comm Error Low Voltage Regulator Fault - Low-Side	True	
Motor A Phase W Hardware Error Fault - Low-Side	True	
Motor A Phase W Over Current Fault - Low-Side	False	
Hybrid System State	SNA	
HV Contactor Status	Open	
Inverter B Status Feedback	Normal OFF	
CBC Wake-Up Input	Off	

EPT LOC Diag Enable	Enable LOC Diagnostic	
HCP ePT Wake-Up Output	On	
APM Status	Idle	
Impact Event	False	
HCP System Shutdown Command	Default	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Inverter Status Feedback	Inverter Faulted	
Commanded Inverter A State	Inverter Disabled	
Motor A Phase U Over Voltage Fault VH - High-Side	False	
Motor A Phase U Under Voltage Fault VH - High-Side	True	
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 Over Voltage Fault VL - High-Side	False	
Motor A Phase U Under Voltage Fault VH - Low-Side	True	
Motor A Phase U Over Voltage Fault VL - Low-Side	False	
Motor A Phase U Over Voltage Fault VH - Low-Side	False	
Motor A Phase U Under Voltage Fault VDD - High-Side	False	
Motor A Phase U Under Voltage Fault VL - Low-Side	False	
Motor A Phase U Under Voltage Fault VDD - Low-Side	False	
Motor A Phase U Comm Error High Voltage Regulator Fault - Low-Side	True	
Motor A Phase U Over Voltage Fault VDD - Low-Side	False	
Motor A Phase U Comm Error Low Voltage Regulator Fault - Low-Side	True	
Motor A Phase V Under Voltage Fault VH - High-Side	False	
Motor A Phase V Over Voltage Fault VH - High-Side	False	
Motor A Phase V Over Voltage Fault VDD - High-SideSide	False	
Motor A Phase V Under Voltage Fault VL - High-Side	False	
Motor A Phase V Under Voltage Fault VDD - High-Side	False	
Motor A Phase V Over Voltage Fault VL - High-Side	False	
Motor A Phase V Under Voltage Fault VH - Low-Side	True	
Motor A Phase V Over Voltage Fault VH - Low-Side	False	
Motor A Phase V Over Voltage Fault VL - Low-Side	False	
Motor A Phase V Under Voltage Fault VDD - 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 Comm Error Low Voltage Regulator Fault - Low-Side	True	
Motor A Phase V Comm Error High Voltage Regulator Fault - Low-Side	True	
Motor A Phase W Over Voltage Fault VH - High-Side	False	
Motor A Phase W Cross Conduction Fault - High-Side	False	
Motor A Phase W Over Voltage Fault VL - High-Side	False	
Motor A Phase W Under Voltage Fault VH - High-Side	False	
Motor A Phase W Under Voltage Fault VL - High-Side	False	
Motor A Phase W Comm Error High Voltage Regulator Fault - High-Side	True	
Motor A Phase W Over Voltage Fault VDD - High-Side	False	

Motor A Phase W Over Voltage Fault VH - Low-Side	False	
Motor A Phase W Under Voltage Fault VDD - High-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 Under Voltage Fault VDD - Low-Side	False	
Motor A Phase W Over Voltage Fault VDD - Low-Side	False	
Motor A Phase W Under Voltage Fault VH - Low-Side	True	
Motor A Phase W Comm Error High Voltage Regulator Fault - Low-Side	True	
Inverter A Status Feedback	Inverter Faulted	
Original Odometer Value	4467.0	miles
Frequency Counter	1	
Most Recent Odometer Value	4467.0	miles
Real time clock	25078534	sec
Accelerator Pedal Position	0	%
RAM stamps keyOn	585	sec
Engine Speed	0	rpm
Ignition Cycle Counter	0	
HV Battery SOC	87	%
RAM Stamps	20846	Min
Barometric Pressure	15	PSI
Vehicle Speed	0.0000	MPH
Actual Torque - Motor A	0.000	Ft-Lbs
Inverter A Input DC Current	0.0	AMP
Engine Coolant Temperature	91	°F
Motor A - Inverter Current - phase A	-4	AMP
Motor A - Inverter Current - phase B	0	AMP
Available Motor Torque - Motor A	5.254	Ft-Lbs
Motor A - Inverter Current - phase C	-4	AMP
Battery Feed Voltage 2 Sense	11.016	Volts
Electric Motor A Speed	0.5	rpm
Internal EPS Voltage Sense A	0.072	Volts
Internal EPS Voltage Sense B	0.000	Volts
Motor A Resolver Supply Voltage Value	15.75	Volts
Battery Feed Voltage 3 Sense	11.016	Volts
Low Temp Active Pump Speed	0	rpm
High Temp Aux Pump - Actual Speed	0	rpm
PIM DC Link Voltage - A	2	Volts
Passive Pump Coolant Temp In Sensor	93	°F
Outside Air Temperature	95.0	°F
PIM DC Link Voltage - B	2	Volts
Available Motor Torque - Motor B	232.393	Ft-Lbs
Battery Feed Voltage 1 Sense	10.944	Volts
Available Regen Torque - Motor B	-232.393	Ft-Lbs
Actual Torque - Motor B	0.092	Ft-Lbs

Available Regen Torque - Motor A	-5.254	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	0.000	Ft-Lbs
Motor B - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase A	-4	AMP
Motor B - Inverter Current - phase B	0	AMP
Motor B Resolver Angle	12	Degree
Inverter A IGBT Temperature for phase A	95	°F
HV Battery Voltage from BPCM	180.00	Volts
Electric Motor B Speed	0.0	rpm
Motor B Temp Sensor	93	°F
Inverter A IGBT Temperature for phase B	-9	°F
Inverter B IGBT Temperature for phase B	97	°F
Inverter B IGBT Temperature for phase A	97	°F
Inverter A IGBT Temperature for phase C	97	°F
Motor A Torque	0.000	Ft-Lbs
Motor B Torque	0.092	Ft-Lbs
Distance Travelled with Light ON	3	miles
Inverter B IGBT Temperature for phase C	95	°F
HV Battery Sleep Time	0	Days
GPS Date - Day	1	Days
GPS Date - Year	0	Year
GPS Date - Month	1	
UTC Time - Seconds	0	seconds
UTC Time - Minutes	0	
ECU Time - Milliseconds	0	ms
UTC Time - Hours	0	Hours

HCP | P16F9-00 | Active | HCP Internal - Shutdown Performance-

NAME	VALUE	UNITS
Test Failed This Operation Cycle	True	
Test Failed	True	
DTC	16 F9 00	
Test Not Completed Since Last Clear	False	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
DTC Extended Data Record Number	05	
Confirmed DTC	True	
Pending DTC	True	
Occurrence flag	Occurrence	
Test Failed Since Last Clear	True	
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
PRND Position Display	P	

Propulsion System Active	False	
Ignition State	Ignition Lock	
Main Processor Reset Source - Core 0	Controller Specific Exceptions	
Cumulative NVM CRC Status	Passed	
Adaptable NVM CRC Status	Passed	
Preserved NVM CRC Status	Passed	
Static NVM CRC Status	Passed	
MCPUninit EEPROM CRC Status	Passed	
MCPInit EEPROM CRC Status	Passed	
BSW EEPROM CRC Status	Passed	
HCP - MCPA SPI CRC Error Count	00	
HCP - MCPA SPI ARC Error Count	00	
MCPB - MCPA SPI CRC Error Count	00	
Expendable NVM CRC Status	Passed	
Main Processor Reset Source - Core 1	Power Up	
MemShare CRC Error Count- Core 0	02	
MCPB - MCPA SPI ARC Error Count	00	
Non Volatile RAM CRC Status	Passed	
MemShare CRC Error Count- Core 1	FF	
MemShare ARC Error Count- Core 1	02	
Main Stack Fault	False	
Main Analog-to-Digital Converter Fault	False	
Main Clock Fault	False	
MemShare ARC Error Count- Core 0	00	
External Watchdog Fault	False	
Main Detected Seed Received In Wrong Order	False	
MAIN ALU Fault	False	
MainTPU_Flt	False	
MAIN Detected SPI Fault	False	
Hybrid System State	Evaluate High Voltage Enable	
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	On	
EPT LOC Diag Enable	Disable LOC Daignostic	
HV Contactor Status	Open	
APM Status	Idle	
HCP System Shutdown Command	Default	
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
Impact Event	False	
Most Recent Odometer Value	4467.0	miles
Original Odometer Value	4467.0	miles
Frequency Counter	1	
RAM stamps keyOn	0	sec
HV Battery SOC	87	%

Accelerator Pedal Position	0	%
RAM Stamps	20853	Min
Ignition Cycle Counter	0	
Real time clock	25079036	sec
Engine Speed	0	rpm
Battery Feed Voltage 2 Sense	11.016	Volts
Vehicle Speed	0.0000	MPH
Barometric Pressure	15	PSI
Internal EPS Voltage Sense A	0.144	Volts
Internal EPS Voltage Sense B	0.000	Volts
Engine Coolant Temperature	176	°F
Actual Torque - Motor B	0.000	Ft-Lbs
Battery Feed Voltage 3 Sense	11.016	Volts
Battery Feed Voltage 1 Sense	11.016	Volts
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Actual Torque - Motor A	0.000	Ft-Lbs
Available Motor Torque - Motor A	88.127	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Motor A - Inverter Current - phase A	-4	AMP
Commanded Torque - Motor B	0.000	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Motor A - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase A	-4	AMP
Available Regen Torque - Motor A	-88.127	Ft-Lbs
Motor A - Inverter Current - phase C	-4	AMP
Motor B - Inverter Current - phase C	0	AMP
Motor B Resolver Angle	12	Degree
Motor B - Inverter Current - phase B	-4	AMP
Motor A Resolver Angle	46	Degree
Motor B Temp Sensor	77	°F
HV Battery Voltage from BPCM	180.00	Volts
PIM DC Link Voltage - A	2	Volts
Inverter A IGBT Temperature for phase B	32	°F
Electric Motor B Speed	0.0	rpm
Electric Motor A Speed	0.5	rpm
Inverter A IGBT Temperature for phase A	32	°F
Inverter B IGBT Temperature for phase A	32	°F
Distance Travelled with Light ON	0	miles
Inverter B IGBT Temperature for phase B	32	°F
Inverter B IGBT Temperature for phase C	32	°F
Motor A Torque	0.000	Ft-Lbs
GPS Date - Month	1	
HV Battery Sleep Time	0	Days
GPS Date - Year	0	Year

Inverter A IGBT Temperature for phase C	32	°F
GPS Date - Day	1	Days
Motor B Torque	0.000	Ft-Lbs
UTC Time - Minutes	0	
UTC Time - Hours	0	Hours
ECU Time - Milliseconds	0	ms
Motor A Temp Sensor	77	°F
Outside Air Temperature	89.6	°F
UTC Time - Seconds	0	seconds
PIM DC Link Voltage - B	2	Volts

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

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

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

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

ABSO | C2222-00 | Active | Improper Powerdown-

NAME	VALUE	UNITS
Test Failed This Operation Cycle	False	
Test Failed	True	
Confirmed DTC	False	
Pending DTC	False	
DTC	62 22 00	
Test Failed Since Last Clear	False	
Test Not Completed This Operation Cycle	True	
Warning Indicator Requested	True	
Controller Event		
Mirror Memory		
Occurrence flag		
Undervoltage Suspected		
Current System Mode		
Brake Pedal Status		
Rotation Direction Left Front		
Rotation Direction Right Front		
Rotation Direction Left Rear		
Rotation Direction Right Rear		
Previous System Mode		

Test Not Completed Since Last Clear	False	
ABS control		
System Condition		
HSA control		
EBV control		
HBA control		
MSR control		
Hold		
ASR control		
Braking assistance system		
ESP Control		
EPB Mode Status		
BLS High		
Plant Mode		
Park Brake		
ESP-OFF mode		
Clutch		
Stop Coordinator Active		
BLS Low		
Actual Gear		
Status Parking Brake Left		
EPB Switch Status		
Status Parking Brake Right		
Transmission selector lever setting		
Fault Time		S
Supply voltage Pump		V
Most Recent Odometer Value		miles
Ignition Cycle Counter		
Frequency Counter		
Original Odometer Value		miles
Supply Voltage Valves		V
Brake Pedal Travel Sensor Position		%
Wheel Speed Right Front		MPH
Wheel Speed Right Rear		MPH
Steering Wheel Angle		°
Longitudinal Acceleration		m/s^2
Lateral Acceleration		m/s^2
Ignition Unfiltered		V
Engine Speed		rpm
Accelerator Pedal Position		%
Wheel Speed Left Front		MPH
Wheel Speed Left Rear		MPH
Primary Circuit Pressure		PSI
Yaw Rate		°/s

Supplier Internal Code		

SNAPSHOT DATA SUMMARY

No Snapshot Data available for P0113

No Snapshot Data available for P1AE2-00

No Snapshot Data available for P0A95-00

No Snapshot Data available for P0AA4-00

No Snapshot Data available for P0A78-00

No Snapshot Data available for P0C0B-00

No Snapshot Data available for P16F9-00

No Snapshot Data available for U0623-00

No Snapshot Data available for C2222-00



VEHICLE SCAN REPORT

Vehicle 2020 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
VIN [redacted]

Odometer 4467.0 miles
Publication Date Jul 29, 2021, 8:40:31 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
PCM	Powertrain Control Module	CAN-C	68444229AE	[redacted]		68444229AE
ICS	Integrated Center Stack	CAN-I	6UX601X8AA			6UX601X8AA
RFH	Radio Frequency Hub	CAN-C	68453559AB			68453559AB
ESM	Electronic Shifter	CAN-C	68240089AM			68240089AM
ORC	Occupant Restraint	CAN-C	68453076AD			68453076AD
EPS	Electric Power Steering	CAN-C	68460392AA			68460392AA
ANC	Active Noise Cancelation	CAN-I	68440556AB			68440556AB
HVAC	Heat, Ventilation and A/C	CAN-I	68447893AC			68447893AC
DDM	Driver Door Module	CAN-I	68424451AC			68424451AC
PDM	Passenger Door Module	CAN-I	68424450AC			68424450AC
DMRL	Door Module Rear Left	CAN-I	68225096AG			68225096AG
DMRR	Door Module Rear Right	CAN-I	68225096AG			68225096AG
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AD			68369596AD
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AD			68369596AD
PLGM	Power Liftgate	CAN-I	68316094AF			68316094AF
CSWM	Comfort Seat Wheel Module	CAN-I	68434910AC			68434910AC
IPC	Instrument Panel Cluster	CAN-C	68434956AD			68434956AD
PTS	Parktronics	CAN-C	68193772AJ			68193772AJ
SCCM	Steering Column Control Module	CAN-C	68360889AD			68360889AD
BCM	Body Controller	CAN-C	68424601AF			68424601AF
RADIO	Radio	CAN-I	68461768AD			68461768AD

OCM	Occupant Classification	CAN-C	68403127AA	[redacted]	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
APM	Accessory Power Module	CAN-C	05185046AB		05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193166AD		05193166AD
HCP	Hybrid Control Processor	CAN-C	05190289AC		05190289AC
OBCM	On Board Charging Module	CAN-C	05185047AE		05185047AE
DSM	Display Screen Module	CAN-I	68316175AC		68316175AC
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30PD2AA		6WL30PD2AA
EAC	Electric A/C Compressor	CAN-C	68237995AG		68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05190290AC		05190290AC
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB		68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD		68471122AD
SGW	Security Gateway Module	CAN-C	68447193AB		68447193AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
PCM	USA	1B 47	46 03 01	4419	DFF8E724
ICS	USA	0F 0C 00	12 25 00	4400	
RFH	USA / USA	10 17 00	13 09 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	
ANC	USA	0F 05 01	12 2C 01	4210	
HVAC	USA	0E 09 00	13 05 01	4401	
DDM	USA	11 07 00	13 0B 00	4202	
PDM	USA	11 07 00	13 0B 00	4202	
DMRL	USA / USA	10 0B 00	12 0C 00	4201	
DMRR	USA / USA	10 0B 00	12 0C 00	4201	
PSDML	USA / USA	10 17 00	14 10 12	4001	
PSDMR	USA / USA	10 17 00	14 10 12	4001	
PLGM	USA	17 19 00	18 22 00	4202	
CSWM	USA	11 2A 00	13 2C 00	4302	
IPC	USA / USA	12 06 00	14 0B 00	4704	

PTS	USA	0E 32 00	12 1F 00	4311	
SCCM	USA	13 28 00	13 29 00	4301	
BCM	USA	0D 11 00	14 1B 90	4415	
RADIO	USA	13 31 14	13 31 14	8205	
OCM	USA / USA	11 1F 01	0E 2F 02	4030	
HVACR	USA	0E 09 00	10 03 02	4301	
LBSS	USA / USA	11 30 02	12 0D 00	4202	
RBSS	USA / USA	11 30 02	12 0D 00	4202	
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM	Not programmed / COUNTRY_SNA	0E 03 00	13 18 03	4005	F5BC8401
HCP	USA	11 1F 04	13 30 01	4005	92BCF62B 04D8393A 050DC953
OBCM	USA	0F 0D 00	12 02 00	4002	
DSM	USA / USA	13 29 00	12 23 00	4000	
RCCC	USA	0F 1D 00	13 04 00	4000	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1F 04	13 30 01	4000	
EBBM	USA	0E 19 02	14 0D 18	4000	E5898FA5
ABSO	USA	0E 15 02	14 1B 26	4201	4F158D1B
SGW		5	779	4103	

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
BPCM	P1E1B-00	Hybrid/EV Battery Side Voltage System Isolation-	Active
HCP	P1A11-00	Secret Key Not Stored in ECU-	Active
HCP	U0623-00	Lost Communication with Coolant Pump "A"-	Active

ENVIRONMENTAL DATA SUMMARY

BPCM | P1E1B-00 | Active | Hybrid/EV Battery Side Voltage System Isolation-

NAME	VALUE	UNITS
Key Position	Ign_ Run	
Key in Ignition	Key_Def	
EPT -WakeUp	Sourced	
Qualified Contactor Command - QCC	Open	
Verified Contactor Command - VCC	Open	
ChargingLevel	Plug in, but no charge	
Balance Mode	False	
Contactor Status	Open	
Battery in Periodic wake up (Wake up vehicle) at time of Fault	False	
HCP Contactor Command	Open	
Plug in Status	Not plugged in	
Battery in Periodic wake up (Just battery) at time of Fault	False	
HVIL Status -Vehicle	Not Sourced	

HVIL Status - Battery pack	PASS	
Pump - Wire Open\Short to Gnd	PASS	
Pump - Dry Run Detection	PASS	
Pump - Overcurrent	PASS	
Pump - Switch Power Shorted	PASS	
Pump - Overtemperature	PASS	
Fault trigger level 1	False	
Fault trigger level 2	False	
Fault Path	01	
Fault trigger level 3	False	
Key - DriveRdy (CAN)	True	
Battery Cell Lowest Cell number	54	
Battery Cell Highest Cell number	88	
Battery Temperature Number of Failing Sensors	00	
Battery Temperature Lowest Sensor number	06	
Battery Temperature Highest Sensor number	02	
HV Cooling Pump Relay Drive	Not Sourced	
Isolation Vehicle Diagnostic Status	Run and Passed	
Pump - Battery Coolant Level Low	False	
Isolation Battery Diagnostic Status	Run and Failed	
BPCM Sec Asic Reset Req	Not active	
BPCM L2 CC Path Test Req	Undetermined	
BPCM Sec HW Timer Status	Not active	
BPCM Sec Asic Fault Input	Not active	
BPCM L2 General Monitoring Flt Rsn	L2L1_CELL_MAX_V_CMP_FLT	
BPCM Sec CC Path Test Active	Not active	
BPCM Main HW Timer Status	Not active	
BPCM Sec Contactor State	Open	
BPCM L2 Contactor Dslb Req	Undetermined	
BPCM L2 ASIC Diagnostic Flt Rsn	ADCTest	
BPCM Sec Asic Fault State	NOTASSERTED	
Real Time Clock Validity	True	
Pending DTC	True	
Test Failed	True	
DTC	1E 1B 00	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Failed This Operation Cycle	True	
DTC Extended Data Record Number - All	01	
Occurrence flag	ERROR	
DTC Extended Data Record Number - 2	83	
Warning Indicator Requested	True	
Test Not Completed This Operation Cycle	False	

Ignition Cycle Counter	0	
FoM - for this DTC (lifetime fails)	50	events
FoM - for this DTC (lifetime longest fail on pass)	0.000	seconds
Frequency Counter	1	
Battery Total Time Awake	28194734	seconds
Vehicle mileage at time of fault (ODO signal in $3D2)	4466.87	miles
Battery Lifetime AmpHrs of DisCharge	1847.7	AHr
SOC at time of Fault	86.3	%
Vehicle Speed	0.0	MPH
FoM - for this DTC (lifetime fails counts on pass)	0.0000	seconds
System (12) Volts at time of fault	12.988	Volts
Battery Lifetime AmpHrs of Charge	1878.2	AHr
HVIL PWM Frequency - Vehicle	0.0	Hz
Battery Lifetime Miles	400523	miles
HVIL PWM peak voltage Sourced - Vehicle	0.342	Volts
Power Up SOC at time of Fault	86.3	%
HVIL Source Voltage- Battery	1.377	Volts
HVIL PWM peak voltage Sensed - Vehicle	0.342	Volts
HVIL PWM Duty Cycle - Vehicle	0.0	%
BPCM temperature max	77	°F
HV Battery Current HVBatCrnt	0.00	Amps
HV Battery Current Sensor 2 Hall Low	0.00	Amps
HV Battery Current Sensor 1 Hall High	-0.60	Amps
HVIL Returned current - Battery	30.60	mA
Charge indicator Temp	73	°F
Isolation Circuitry Va	2.500	Volts
HV Cooling Speed pump 1 Speed	0	rpm
WC and Circuitry Weld Contactor Sensor G (Pack Negative) Voltage	-1.2	Volts
BPCM temperature min	75	°F
HV Cooling Speed Pump 1 Target	0	rpm
WC and Circuitry Vcc Voltage	5.000	Volts
HV Battery Charge Power 10sec	67953	watts
Isolation Circuitry Vd	0.000	Volts
Isolation Circuitry Vb	2.502	Volts
WC and CircuitryISO 8V Reference Voltage	7.990	Volts
HV Battery Discharge Power 10sec	102999	watts
HV Battery Charge Power 2sec	84000	watts
Cell Impedance Mim Discharge	0	mOhms
Battery Full AmpHr Capacity	49	AmpHrs
Battery Cell Voltage Minimum	4018	mV
Battery Lifetime Number Of Closes	711	
Cell Impedance Max Discharge	0	mOhms
HV Battery Power	007530	watts
Battery Cell Voltage Average	4024	mV

HV Battery Voltage (Module Sum)	386.20	Volts
Battery Cell Voltage Maximum	4036	mV
HV Sensor B Bus\Link (Pre-Fuse) Voltage	2.00	Volts
HV Sensor C OBCM (HVOBC Fuse) Voltage	3.50	Volts
Battery Temperature Maximum Module	77	°F
Battery Temperature Average Module	75	°F
HV Battery Voltage (cell sum)	386.30	Volts
HV Sensor D Heater (HVHTR Fuse) Voltage	3.50	Volts
Battery Temperature Minimum Module	75	°F
HV Sensor A Pack Voltage	386.30	Volts
HV Sensor G Weld Contactor(Pack Negative) Voltage	-1.2	Volts
Isolation Vehicle Impedance	7.2205	Mega Ohms
HV Cooling OBCM temp inlet Temp	72	°F
HV Bat SOH-R	3.1	%
HV Cooling Battery coolant outlet temp	72	°F
HV Bat SOH-C	93.7	%
BPCM Sec MM Hw Reset Error Counter	0	cnts
HV Cooling Battery coolant inlet temp	72	°F
BPCM Sec QA Error Counter	0	cnts
BPCM L2 SM Hw Reset Error Counter	0	No Unit
Real time clock	429496.7295	seconds
Cycles left to self heal	40	No Unit
Engine Speed	0	rpm
WC and Circuitry 2.5V Reference Voltage	2.501	Volts
HV Battery Discharge Power 2sec	105309	watts
Accelerator position	7.5	%
Real time clock-OS Task Delay Timer	0	
Original Odometer Value	4464	miles
Most Recent Odometer Value	4464	miles
Isolation Battery Impedance	7.6280	Mega Ohms

HCP | P1A11-00 | Active | Secret Key Not Stored in ECU-

NAME	VALUE	UNITS
DTC	1A 11 00	
Pending DTC	True	
Confirmed DTC	True	
Test Failed	True	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Test Failed This Operation Cycle	True	
Warning Indicator Requested	False	
Test Not Completed Since Last Clear	False	
Occurrence flag	Occurrence	
Brake Switch Status	Not Applied	

Propulsion System Active	False	
PRND Position Display	P	
Ignition State	Reserved	
CBC Wake-Up Input	Off	
SW Build Release Version	PIM_C19A_2003B0_RU_HCP__	
HCP ePT Wake-Up Output	On	
HCP System Shutdown Command	Default	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Open	
HCP SW Version	C19A	
OBCM Operating Mode	UTC	
APM Status	Idle	
Impact Event	False	
J1772 Prox Detected State	Prox Out	
Hybrid System State	SNA	
PHEV Charging Status	No Charging	
Most Recent Odometer Value	4467.0	miles
Original Odometer Value	4467.0	miles
Ignition Cycle Counter	0	
Engine Speed	0	rpm
Accelerator Pedal Position	0	%
RAM Stamps	13	Min
RAM stamps keyOn	15	sec
Frequency Counter	1	
Barometric Pressure	15	PSI
Real time clock	28194732	sec
Motor B Temp Sensor	73	°F
HV Battery SOC	87	%
Internal EPS Voltage Sense B	0.000	Volts
Vehicle Speed	0.0000	MPH
Motor B Torque	-0.184	Ft-Lbs
Motor A Torque	0.092	Ft-Lbs
Internal EPS Voltage Sense A	0.000	Volts
Motor A Temp Sensor	73	°F
Available Motor Torque - Motor B	232.301	Ft-Lbs
Actual Torque - Motor B	-0.184	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor A	0.092	Ft-Lbs
Available Regen Torque - Motor B	-232.301	Ft-Lbs
Motor A - Inverter Current - phase A	0	AMP
Available Regen Torque - Motor A	-88.496	Ft-Lbs
Motor A - Inverter Current - phase C	0	AMP
Commanded Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor A	88.496	Ft-Lbs

Motor B - Inverter Current - phase A	0	AMP
Motor A - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase B	-4	AMP
Engine Coolant Temperature	70	°F
Motor B Resolver Angle	Not Programmed	Degree
PIM DC Link Voltage - B	6	Volts
Motor A Resolver Angle	Not Programmed	Degree
HV Battery Voltage from BPCM	180.00	Volts
Electric Motor A Speed	0.0	rpm
Motor B - Inverter Current - phase C	-4	AMP
Outside Air Temperature	69.8	°F
HV Battery Sleep Time	0	Days
Electric Motor B Speed	0.0	rpm
PIM DC Link Voltage - A	5	Volts
Battery Feed Voltage 1 Sense	12.600	Volts
Inverter A IGBT Temperature for phase A	32	°F
Battery Feed Voltage 3 Sense	12.600	Volts
Battery Feed Voltage 2 Sense	12.672	Volts
Inverter B IGBT Temperature for phase A	32	°F
Inverter A IGBT Temperature for phase B	32	°F
GPS Date - Month	1	
Inverter B IGBT Temperature for phase B	32	°F
Inverter A IGBT Temperature for phase C	32	°F
GPS Date - Year	0	Year
GPS Date - Day	1	Days
Inverter B IGBT Temperature for phase C	32	°F
Distance Travelled with Light ON	0	miles
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
ECU Time - Milliseconds	0	ms
UTC Time - Seconds	0	seconds

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

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

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

Battery Feed Voltage 2 Sense		Volts
HV Coolant Heater - Measured Coolant Outlet Temp		°F
Internal EPS Voltage Sense A		Volts
Battery Feed Voltage 3 Sense		Volts
Internal EPS Voltage Sense B		Volts
Battery Feed Voltage 1 Sense		Volts
Actual Torque - Motor B		Ft-Lbs
Available Motor Torque - Motor B		Ft-Lbs
Available Motor Torque - Motor A		Ft-Lbs
Available Regen Torque - Motor B		Ft-Lbs
Available Regen Torque - Motor A		Ft-Lbs
Commanded Torque - Motor A		Ft-Lbs
Motor A - Inverter Current - phase A		AMP
Motor A - Inverter Current - phase B		AMP
Commanded Torque - Motor B		Ft-Lbs
Motor B - Inverter Current - phase A		AMP
Motor B - Inverter Current - phase B		AMP
Motor A - Inverter Current - phase C		AMP
Motor B - Inverter Current - phase C		AMP
Motor B Resolver Angle		Degree
Motor A Resolver Angle		Degree
HV Battery Voltage from BPCM		Volts
Electric Motor A Speed		rpm
PIM DC Link Voltage - B		Volts
Electric Motor B Speed		rpm
PIM DC Link Voltage - A		Volts
Inverter A IGBT Temperature for phase B		°F
Inverter A IGBT Temperature for phase A		°F
Inverter B IGBT Temperature for phase A		°F
Inverter A IGBT Temperature for phase C		°F
Inverter B IGBT Temperature for phase B		°F
Distance Travelled with Light ON		miles
Inverter B IGBT Temperature for phase C		°F
Motor A Torque		Ft-Lbs
GPS Date - Year		Year
GPS Date - Month		
UTC Time - Hours		Hours
GPS Date - Day		Days
UTC Time - Seconds		seconds
ECU Time - Milliseconds		ms
HV Battery Sleep Time		Days
Motor B Torque		Ft-Lbs
UTC Time - Minutes		

SNAPSHOT DATA SUMMARY

No Snapshot Data available for P1E1B-00

No Snapshot Data available for P1A11-00

No Snapshot Data available for U0623-00

39180

Home Phone	R/O Open Date
601-529-1668	6/17/21
Work Phone	Time Received

2020 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENG

[redacted]

Action Items

Topology | All DTCs | All Flashes | Recalls | RRTs

Status: All | Clear All DTCs | View Freeze Frame | View Event Data | DTC Data

ECU	CODE	DESCRIPTION
HCP	P0A0A-00	High Voltage System Interlock Circuit "A" -

List updates as DTCs are set or cleared.



VEHICLE SCAN REPORT

Vehicle 2020 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
VIN [redacted]

Odometer 4480.1 miles
Publication Date 8/31/2021, 10:00:16 AM

ECU SUMMARY INFO

ECU	NAME	BUS TYPE	FLASH PART #	CURRENT VIN	ORIGINAL VIN	PART #
PCM	Powertrain Control Module	CAN-C	68444229AE	[redacted]	[redacted]	68444229AE
ICS	Integrated Center Stack	CAN-I	6UX601X8AA			6UX601X8AA
RFH	Radio Frequency Hub	CAN-C	68453559AB			68453559AB
ESM	Electronic Shifter	CAN-C	68240089AM			68240089AM
ORC	Occupant Restraint	CAN-C	68453076AD			68453076AD
EPS	Electric Power Steering	CAN-C	68460392AA			68460392AA
ANC	Active Noise Cancelation	CAN-I	68440556AB			68440556AB
HVAC	Heat, Ventilation and A/C	CAN-I	68447893AC			68447893AC
DDM	Driver Door Module	CAN-I	68424451AC			68424451AC
PDM	Passenger Door Module	CAN-I	68424450AC			68424450AC
DMRL	Door Module Rear Left	CAN-I	68225096AG			68225096AG
DMRR	Door Module Rear Right	CAN-I	68225096AG			68225096AG
PSDML	Power Sliding Doors (Left)	CAN-I	68369596AD			68369596AD
PSDMR	Power Sliding Doors (Right)	CAN-I	68369596AD			68369596AD
PLGM	Power Liftgate	CAN-I	68316094AF			68316094AF
CSWM	Comfort Seat Wheel Module	CAN-I	68434910AC			68434910AC
IPC	Instrument Panel Cluster	CAN-C	68434956AD			68434956AD
PTS	Parktronics	CAN-C	68193772AJ			68193772AJ
SCCM	Steering Column Control Module	CAN-C	68360889AD			68360889AD
BCM	Body Controller	CAN-C	68424601AF			68424601AF
RADIO	Radio	CAN-I	68461768AD			68461768AD

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
APM	Accessory Power Module	CAN-C	05185046AB		05185046AB
BPCM	Battery Pack Control Module	CAN-C	05193166AF		05193166AF
HCP	Hybrid Control Processor	CAN-C	05190289AC		05190289AC
OBCM	On Board Charging Module	CAN-C	05185047AE		05185047AE
DSM	Display Screen Module	CAN-I	68316175AC		68316175AC
RCCC	Rear Cabin Comfort Controls	CAN-I	6WL30PD2AA		6WL30PD2AA
EAC	Electric A/C Compressor	CAN-C	68237995AG		68237995AG
AHCP	Auxiliary Hybrid Control Processor	CAN-C	05190290AC		05190290AC
EBBM	Electronic Brake Booster Module	CAN-C	68461813AB		68461813AB
ABSO	Anti Lock Brakes OBD	CAN-C	68471122AD		68471122AD
SGW	Security Gateway Module	CAN-C	68447193AB		68447193AB

ECU SUMMARY INFO (CONT...)

ECU	COUNTRY CODE	HARDWARE VERSION	SOFTWARE VERSION	IDENT	CVNS
PCM	USA	1B 47	46 03 01	4419	DFF8E724
ICS	USA	0F 0C 00	12 25 00	4400	
RFH	USA / USA	10 17 00	13 09 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	
ANC	USA	0F 05 01	12 2C 01	4210	
HVAC	USA	0E 09 00	13 05 01	4401	
DDM	USA	11 07 00	13 0B 00	4202	
PDM	USA	11 07 00	13 0B 00	4202	
DMRL	USA / USA	10 0B 00	12 0C 00	4201	
DMRR	USA / USA	10 0B 00	12 0C 00	4201	
PSDML	USA / USA	10 17 00	14 10 12	4001	
PSDMR	USA / USA	10 17 00	14 10 12	4001	
PLGM	USA	17 19 00	18 22 00	4202	
CSWM	USA	11 2A 00	13 2C 00	4302	
IPC	USA / USA	12 06 00	14 0B 00	4704	

PTS	USA	0E 32 00	12 1F 00	4311	
SCCM	USA	13 28 00	13 29 00	4301	
BCM	USA	0D 11 00	14 1B 90	4415	
RADIO	USA	13 31 14	13 31 14	8205	
OCM	USA / USA	11 1F 01	0E 2F 02	4030	
HVACR	USA	0E 09 00	10 03 02	4301	
LBSS	USA / USA	11 30 02	12 0D 00	4202	
RBSS	USA / USA	11 30 02	12 0D 00	4202	
APM	USA / USA	11 32 00	11 32 00	4001	
BPCM	Not programmed / COUNTRY_SNA	0E 03 00	14 17 00	4005	D721612D
HCP	USA	11 1F 04	13 30 01	4005	92BCF62B 04D8393A 050DC953
OBCM	USA	0F 0D 00	12 02 00	4002	
DSM	USA / USA	13 29 00	12 23 00	4000	
RCCC	USA	0F 1D 00	13 04 00	4000	
EAC	USA	0E 34 00	12 0F 00	4102	
AHCP	USA	11 1F 04	13 30 01	4000	
EBBM	USA	0E 19 02	14 0D 18	4000	E5898FA5
ABSO	USA	0E 15 02	14 1B 26	4201	4F158D1B
SGW		5	779	4103	

DTC SUMMARY

ECU	DTC CODE	DTC DESCRIPTION	STATUS
RADIO	B280B-00	NTSC Video Input-	Stored
HCP	P0CF3-00	Control Pilot Circuit Open-	Stored
HCP	P0E15-00	Hybrid/EV Battery Pack Coolant Heater "A" Control Performance-	Active
HCP	U1852-00	Implausible Data Received from ABS on D-PT-	Stored
OBCM	P0CF3-00	Control Pilot Circuit Open-	Stored

ENVIRONMENTAL DATA SUMMARY

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

NAME	VALUE	UNITS
DTCTable	A8 0B 00	
TestFailed	False	
TestFailedThisMonitoringCycle	False	
Pending DTC	False	
Confirmed DTC	True	
Test Not Completed This Monitoring Cycle	False	
Warning Indicator Requested	False	
DTCExtendedDataRecordNumber	FF	
Occurance Flag	Occurrence	
Reserved	Reserved	
Original Odometer Value	4464	miles

Most Recent Odometer Value	4474	miles
Frequency Counter	20	
Ignition Counter	5	
RDI $6080	60 80	
Event Counter	5F	

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	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	07	
Occurrence flag	Occurrence	
Original Odometer Value	4468.5	miles
Most Recent Odometer Value	4468.5	miles
Frequency Counter	1	
Ignition Cycle Counter	1	
Real time clock	252158	sec
RAM stamps keyOn	0	sec
RAM Stamps	337	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	14.472	Volts
Internal EPS Voltage Sense A	8.208	Volts
Internal EPS Voltage Sense B	8.064	Volts
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
Hybrid System State	High Voltage Enabled	
SW Build Release Version	PIM_C19A_2003B0_RU_HCP__	

HCP SW Version	C19A	
EPT LOC Diag Enable	Enable Limited LOC Diagnostic	
CAN Overrun Counter	0	Number
Impact Event	False	
Outside Air Temperature	72.5	°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	1.50	AMP
AC Voltage for Charging	2.0	Volts
AC Current During Charging	0.60	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	361.3	Volts
OBCM Module A Max Temperature	104	°F
OBCM Module B Max Temperature	104	°F
OBCM Module A PCB Temperature	104	°F
OBCM Module B PCB Temperature	104	°F
OBCM Accumulated Charging Time	7821	hrs
OBCM Charging Power	0	KW-Hrs
HV Battery Pump Current	0.0	AMP
Radiator Fan Command	7	%
HV Battery Inlet Temperature	82	°F
HV Battery Outlet Temperature	84	°F
HV Battery Min Cell Voltage	0.225	Volts
Max Cell Voltage	0.550	Volts
Min Cell Temperature	75	°F

Max Cell Temperature	75	°F
HV Battery Sleep Time	0	Days
HV Battery SOC	63	%
Battery Feed Voltage 1 Sense	14.400	Volts
Battery Feed Voltage 3 Sense	14.328	Volts
Actual Torque - Motor A	0.000	Ft-Lbs
Actual Torque - Motor B	0.000	Ft-Lbs
Available Motor Torque - Motor A	88.496	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Regen Torque - Motor A	-88.496	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	-4	AMP
Motor B - Inverter Current - phase A	0	AMP
Motor B - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase C	0	AMP
Motor A Resolver Angle	260	Degree
Motor B Resolver Angle	222	Degree
Motor A Temp Sensor	145	°F
Motor B Temp Sensor	118	°F
HV Contactor Status	Closed	
HV Battery Voltage from BPCM	363.40	Volts
Electric Motor A Speed	0.0	rpm
Electric Motor B Speed	0.0	rpm
PIM DC Link Voltage - A	360	Volts
PIM DC Link Voltage - B	367	Volts
Inverter A IGBT Temperature for phase A	117	°F
Inverter A IGBT Temperature for phase B	117	°F
Inverter A IGBT Temperature for phase C	117	°F
Inverter B IGBT Temperature for phase A	117	°F
Inverter B IGBT Temperature for phase B	117	°F
Inverter B IGBT Temperature for phase C	117	°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	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days

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

HCP | P0E15-00 | Active | Hybrid/EV Battery Pack Coolant Heater "A" Control Performance-

NAME	VALUE	UNITS
DTC	0E 15 00	
Test Failed	True	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Original Odometer Value	4480.0	miles
Most Recent Odometer Value	4480.0	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Real time clock	262022	sec
RAM stamps keyOn	15	sec
RAM Stamps	436	Min
Accelerator Pedal Position	0	%
Brake Switch Status	Not Applied	
PHEV Charging Status	No Charging	
Engine Speed	0	rpm
HV Battery SOC	78	%
Ignition State	Reserved	
PRND Position Display	D	
Propulsion System Active	True	
Vehicle Speed	0.5049	MPH
Barometric Pressure	14	PSI
Engine Coolant Temperature	151	°F
HV Coolant Heater - Below 60V	False	
HV Coolant Heater - Measured Coolant Inlet Temp	122	°F
HV Coolant Heater - Measured Coolant Outlet Temp	124	°F
HV Coolant Heater - Actual Current Consumption	0.00	AMP
HV Coolant Heater - Measured High Voltage	373	Volts
HV Coolant Heater - Actual Calculated Power Consumption	0	W
HV Coolant Heater - Desired Power Consumption	0	W
HV Coolant Heater - Response Error	No Error	
HV Coolant Heater - Communication Error (SPI Interface Issue)	False	

HV Coolant Heater - High Voltage Out of Range	False	
HV Coolant Heater - Low Voltage Out of Range	False	
HV Coolant Heater - Coolant Temp Out of Range	False	
HV Coolant Heater - HV Protection	False	
HV Coolant Heater - Overheat Protection	False	
HV Coolant Heater - Coolant Inlet Temp Sensor Defect	False	
HV Coolant Heater - Coolant Outet Temp Sensor Defect	False	
HV Coolant Heater - Heater Core Temp Sensor Defect	False	
HV Coolant Heater - Short or Open Circuit at IGBTs	False	
HV Coolant Heater - Current Consumption at High Voltage Out of Range	False	
HV Coolant Heater - Memory Error	False	
HV Coolant Heater - DC/DC Voltage Out of Range	False	
Battery Feed Voltage 2 Sense	14.472	Volts
Battery Feed Voltage 3 Sense	14.328	Volts
Internal EPS Voltage Sense A	8.136	Volts
Internal EPS Voltage Sense B	8.064	Volts
Motor A - Inverter Current - phase A	-4	AMP
Hybrid System State	Propulsion System Active	
Battery Feed Voltage 1 Sense	14.400	Volts
Actual Torque - Motor A	0.092	Ft-Lbs
Actual Torque - Motor B	27.839	Ft-Lbs
Available Motor Torque - Motor A	93.658	Ft-Lbs
Available Motor Torque - Motor B	235.988	Ft-Lbs
Available Regen Torque - Motor A	-93.658	Ft-Lbs
Available Regen Torque - Motor B	-235.988	Ft-Lbs
Commanded Torque - Motor A	0.000	Ft-Lbs
Commanded Torque - Motor B	27.931	Ft-Lbs
Motor A - Inverter Current - phase B	-4	AMP
Motor A - Inverter Current - phase C	0	AMP
Motor B - Inverter Current - phase A	-60	AMP
Motor B - Inverter Current - phase B	0	AMP
Motor B - Inverter Current - phase C	56	AMP
Motor A Resolver Angle	174	Degree
Motor B Resolver Angle	88	Degree
Motor A Temp Sensor	138	°F
Motor B Temp Sensor	145	°F
Outside Air Temperature	78.8	°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	375.70	Volts
Electric Motor A Speed	-98.0	rpm
Electric Motor B Speed	87.5	rpm

PIM DC Link Voltage - A	372	Volts
PIM DC Link Voltage - B	379	Volts
Inverter A IGBT Temperature for phase A	106	°F
Inverter A IGBT Temperature for phase B	104	°F
Inverter A IGBT Temperature for phase C	104	°F
Inverter B IGBT Temperature for phase A	106	°F
Inverter B IGBT Temperature for phase B	106	°F
Inverter B IGBT Temperature for phase C	106	°F
APM Status	Buck CV	
Impact Event	False	
HCP System Shutdown Command	Default	
Distance Travelled with Light ON	0	miles
Motor A Torque	0.092	Ft-Lbs
Motor B Torque	27.839	Ft-Lbs
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
HV Battery Sleep Time	0	Days
GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

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

NAME	VALUE	UNITS
DTC	D8 52 00	
Test Failed	False	
Test Failed This Operation Cycle	True	
Pending DTC	True	
Confirmed DTC	True	
Test Not Completed Since Last Clear	False	
Test Failed Since Last Clear	True	
Test Not Completed This Operation Cycle	False	
Warning Indicator Requested	True	
Occurrence flag	Occurrence	
Original Odometer Value	4480.1	miles
Most Recent Odometer Value	4480.1	miles
Frequency Counter	1	
Ignition Cycle Counter	0	
Real time clock	265514	sec
RAM stamps keyOn	15	sec
RAM Stamps	452	Min

Accelerator Pedal Position	0	%
Brake Switch Status	Not Applied	
Engine Speed	0	rpm
HV Battery SOC	76	%
Ignition State	Reserved	
PRND Position Display	P	
Propulsion System Active	False	
Vehicle Speed	0.0000	MPH
Motor A Temp Sensor	117	°F
Motor B Temp Sensor	127	°F
Barometric Pressure	14	PSI
Engine Coolant Temperature	124	°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	88.496	Ft-Lbs
Available Motor Torque - Motor B	232.301	Ft-Lbs
Available Regen Torque - Motor A	-88.496	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	0	AMP
Motor B - Inverter Current - phase A	0	AMP
Motor B - Inverter Current - phase B	-4	AMP
Motor B - Inverter Current - phase C	0	AMP
Motor B Resolver Angle	222	Degree
Motor A Resolver Angle	104	Degree
Electric Motor A Speed	0.0	rpm
Electric Motor B Speed	0.0	rpm
PIM DC Link Voltage - A	372	Volts
PIM DC Link Voltage - B	380	Volts
HCP ePT Wake-Up Output	On	
CBC Wake-Up Input	Off	
HCP System Shutdown Command	Default	
HV Battery Voltage from BPCM	376.10	Volts
SW Build Release Version	PIM_C19A_2003B0_RU_HCP__	
HCP SW Version	C19A	
EPT LOC Diag Enable	Enable LOC Diagnostic	
HV Contactor Status	Closed	

APM Status	Off	
Impact Event	False	
Outside Air Temperature	78.8	°F
OBCM Operating Mode	UTC	
J1772 Prox Detected State	Prox Out	
HV Battery Sleep Time	0	Days
Battery Feed Voltage 1 Sense	12.240	Volts
Battery Feed Voltage 2 Sense	12.240	Volts
Battery Feed Voltage 3 Sense	12.312	Volts
Hybrid System State	Inverters Enabled	
Inverter A IGBT Temperature for phase A	109	°F
Inverter A IGBT Temperature for phase B	109	°F
Inverter A IGBT Temperature for phase C	108	°F
Inverter B IGBT Temperature for phase A	109	°F
Inverter B IGBT Temperature for phase B	108	°F
Inverter B IGBT Temperature for phase C	108	°F
PHEV Charging Status	No Charging	
Distance Travelled with Light ON	0	miles
GPS Date - Year	0	Year
GPS Date - Month	1	
GPS Date - Day	1	Days
UTC Time - Hours	0	Hours
UTC Time - Minutes	0	
UTC Time - Seconds	0	seconds
ECU Time - Milliseconds	0	ms

OBCM | 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	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	4464	miles
Most Recent Odometer Value	4464	miles
Frequency Counter	1	
Ignition Cycle Counter	10	
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	0.60	Amps
AC Side Volt	2.0	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	181.3	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	104	°F
OBCM Temperature 2	104	°F
OBCM Temperature 3	91	°F
OBCM Temperature 4	88	°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	7.529	Volts
Control Pilot Duty Cycle	0.00	%
Control Pilot Frequency	1024	Hz
EVSE Pilot Stat	NO EVSE	
Prox Stat	Prox Detected	
Prox Voltage	1.425	Volt
OBC Idle Tml	12	hrs
Watt-Hours of AC Power	0	W-Hrs
Watt Hours of Charge the HV Bus	0	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	Prox PlugIn	
OBC Control Mth	Current	
OBCM Deraing Reason	AC Voltage Limit Derating	
Close Chrgr Cntctr	Open	
Chrgr Cntctr Stat	Closed	
Chrg Mode	Charge Mode	
OBCM Fault Reason	No Faults detected	
Module A Primary - PFC Temperature	90	°F
Module A Primary - LLC Temperature	90	°F
Module A Secondary - Buck Temperature	88	°F
Module A Secondary - Ambient Temperature	104	°F
Module A Primary - AC Side Volt	2.0	Volts
Module A Primary - AC Side Current	-24.70	Amps
Module A Secondary - Battery Side Voltage	181.3	Volts
Module A Secondary - Battery Side Current	-24.90	Amps
Module A Secondary - Buck Output Voltage	0.1	Volts
Module B Primary - PFC Temperature	91	°F
Module B Primary - LLC Temperature	91	°F
Module B Secondary - Buck Temperature	91	°F
Module B Secondary - Ambient Temperature	104	°F
Module B Primary - AC Side Volt	2.0	Volts
Module B Primary - AC Side Current	-24.70	Amps
Module B Secondary - Battery Side Voltage	181.4	Volts
Module B Secondary - Battery Side Current	-24.80	Amps
Module B Secondary - Buck Output Voltage	0.1	Volts
OBCM - HV Over Voltage Protect	False	
OBCM - LV Aux Over Voltage Protect	False	
OBCM - LV Aux Under Voltage Protect	False	
OBCM - LLC Over Voltage Protect	False	
OBCM - LLC Under Voltage Protect	False	
OBCM - PFC Over Voltage Protect	False	
OBCM - PFC Under Voltage Protect	False	
OBCM - Battery 12V Under Voltage Protect	False	
OBCM - Battery 12V Over Voltage Protect	False	
OBCM - AC Under Voltage Protect	False	
OBCM - AC Over Voltage Protect	False	
OBCM - AC Over Current Protect	False	
OBCM - HV Voltage Over MaxCal Protect	False	
OBCM - HV Over Current Protect	False	

OBCM - Power Stage Over Voltage Protect	False	
OBCM - Internal Memory Fault	False	
OBCM - Over Temperature Protect	False	
OBCM - HCP Loss of Communication Protect	False	
OBCM - Loss BPCM Communication Protect	False	
OBCM - CAN Bus Off	False	
OBCM - Pilot Duty Fault	False	
OBCM - Prox Range To Low	False	
OBCM - Prox Range To High	False	
OBCM - HV Voltage Under MinCal Protect	False	
OBCM - SPI Communication Fault	False	
OBCM - Pilot Short To Battery	False	
OBCM - WakeUp Output Stuck Low	False	
OBCM - WakeUp Output Stuck High	False	
OBCM - ORC Loss of Communication	False	
OBCM - HV Battery Not Contact	False	
OBCM - Loss Communication Protect	False	
OBCM - Receive HV Battery Contact Open From BPCM	False	
OBCM - Secondary Aux Over Voltage Protect	False	
OBCM - Secondary Aux Under Voltage Protect	False	
OBCM - Primary Aux Over Voltage Protect	False	
OBCM - Primary Aux Under Voltage Protect	False	
OBCM - Stuck Shutdown	False	
OBCM - Cycle Shutdown	False	
OBCM - HV Under Voltage Protect	False	
OBCM - Vehicle Impact	False	
OBCM - ARC/CRC Fault	False	
OBCM - AC Contact Welded Fault	False	
Control Pilot Open fault	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 becase of EVSE	False	
HCP stuck low fault	False	
HCP stuck High fault	False	
Plant mode flag	False	
Retry fault flag	False	
Loss SBC communcation (SPI)	False	
pilot input short to ground fault	False	
pilto input short to battery fault in Driver mode detecting	False	
pilot short to ground fault in driver mode detecting	False	

Charging ready line open fault	False	
Pilot frequency range fault	False	
OBCM - Internal S2 Switch High Fault in Driver mode detecting	False	
Module A Primary - AC Under Voltage Protect	False	
Module A Primary - PFC Power Limit	True	
Module A Primary - PFC Enable States	False	
Module A Primary - LLC Enable States	False	
Module A Primary - PFC Under Voltage Protect	False	
Module A Primary - PFC Over Voltage Protect	False	
Module A Primary - Over Temperature Protect	False	
Module A Primary - Hot Warning	False	
Module A Primary - AC Present	False	
Module A Primary - PFC Over Temperature Protect	False	
Module A Primary - LLC Over Temperature Protect	False	
Module A Primary - PFC Hot Warning	False	
Module A Primary - LLC Hot Warning	False	
Module A Primary - AC Over Voltage Protect	True	
Module A Primary - Relay Enable States	False	
Module A Primary - Aux Over Voltage Protect	False	
Module A Primary - Aux Under Voltage Protect	False	
Module A Primary - Secondary Micro Enable Command	False	
Module A Primary - AC Vin Lost	True	
Module A Primary - Loss Communication Protect	False	
Module A Primary - Standby Mode	True	
Module A Primary - Operate Mode	False	
Module A Primary - Shutdown Mode	False	
Module A Secondary - Aux Enable States	True	
Module A Secondary - HV Enable States	False	
Module A Secondary - LLC Under Voltage Protect	False	
Module A Secondary - LLC Over Voltage Protect	False	
Module A Secondary - HV Over Voltage Protect	False	
Module A Secondary - HV Over Current Protect	False	
Module A Secondary - Over Temperature Protect	False	
Module A Secondary - Hot Warning	False	
Module A Secondary - HV Over Temperature Protect	False	
Module A Secondary - Ambient Over Temperature Protect	False	
Module A Secondary - HV Hot Warning	False	
Module A Secondary - Ambient Hot Warning	False	
Module A Secondary - Aux Over Voltage Protect	False	
Module A Secondary - Aux Under Voltage Protect	False	
Module A Secondary - Loss Primary Communication Protect	False	
Module A Secondary - LV Micro Enable Command	False	
Module A Secondary - Loss LV Communication Protect	False	
Module A Secondary - Primary Turn On States	False	

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

Module B Secondary - HV Over Current Protect	False	
Module B Secondary - Over Temperature Protect	False	
Module B Secondary - Hot Warning	False	
Module B Secondary - HV Over Temperature Protect	False	
Module B Secondary - Ambient Over Temperature Protect	False	
Module B Secondary - HV Hot Warning	False	
Module B Secondary - Ambient Hot Warning	False	
Module B Secondary - Aux Over Voltage Protect	False	
Module B Secondary - Aux Under Voltage Protect	False	
Module B Secondary - Loss Primary Communication Protect	False	
Module B Secondary - LV Micro Enable Command	False	
Module B Secondary - Loss LV Communication Protect	False	
Module B Secondary - Primary Turn On States	False	
Module B Secondary - Primary Shutdown States	False	
Module B Secondary - HV Under Voltage Protect	False	
Module B Secondary - Standby Mode	True	
Module B Secondary - Operate Mode	False	
Module B Secondary - Shutdown Mode	False	
Module B Secondary - LV Micro Disable Command	True	
Module B Secondary - PFC High Temperature Derating	False	
Module B Secondary - PFC Low Temperature Derating	False	
Module B Secondary - LLC High Temperature Derating	False	
Module B Secondary - LLC Low Temperature Derating	False	
Module B Secondary - HV High Temperature Derating	False	
Module B Secondary - HV Low Temperature Derating	False	
Module B Secondary - Ambient High Temperature Derating	False	
Module B Secondary - Ambient Low Temperature Derating	False	
Module B Secondary - AC Input Voltage Derating	True	
Module B Secondary - HV Output Voltage Derating	False	
SBC State_DF00	00	
SBC State_DF80	00	
SBC State_E100	00	
SBC State_E180	00	
SBC State_E300	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	7821	hrs
OBC Idle Time	3	sec
EPT LOC Diag Enable	Disable LOC Daignostic	

HCP Shutdown Command	No Shutdown	
HV Battey Contactor Open	False	
BPCM Request for HV Contactor	False	
HV Contactor Status	Open	
Ignition on Time for DTC	0	sec

SNAPSHOT DATA SUMMARY

No Snapshot Data available for B280B-00

No Snapshot Data available for P0CF3-00

No Snapshot Data available for P0E15-00

No Snapshot Data available for U1852-00

No Snapshot Data available for P0CF3-00

2020 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE [redacted]

11.40 Volts

BPCM

Battery Pack Control Module

Switch ECU

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

Type: All | Record | Units: Imperial | Filter | Graph | Data | Clear | 0.75 s | hvil

HV Battery Reasons For Open Contactors — 1 item

NAME	VALUE	UNIT	TYPE
HVIL fail	False		Sensors

HV Battery Reasons For Contactors Not Closing When Commanded — 0 items

Ungrouped Data — 9 items

NAME	VALUE	UNIT	TYPE
BPCM HVIL Status	Not Sourced		Sensors
HVIL Status - Vehicle	Not Sourced		Sensors
HVIL Status - Battery pack	PASS		Sensors
HVIL PWM Duty Cycle - Vehicle	0.0000	%	Sensors
HVIL PWM Frequency - Vehicle	0.0	Hz	Sensors
HVIL PWM peak voltage Sourced - Vehicle	0.349	Volts	Sensors
HVIL PWM peak voltage Sensed - Vehicle	0.342	Volts	Sensors
HVIL Source Voltage- Battery	.377	Volts	Sensors
HVIL Returned current - Battery	15.90	mA	Sensors



[redacted] PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE

11.40 Volts

HCP

Hybrid Control Processor

Switch ECU

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

Type: All | Record | Units: Imperial | Filter | Graph | Data | Clear | 0.75 s | hvil

Ungrouped Data

7 items

NAME	VALUE	UNIT	TYPE
Battery Rack HVIL Status	PASS		Sensors
HVIL Sense Input State	Open		Sensors
HVIL Sense Input Frequency	0.0	Hz	Sensors
HVIL Sense Input Duty Cycle	0.0	%	Sensors
HVIL Sense Output State	Open		Sensors
HVIL Sense Output Frequency	0.0	Hz	Sensors
HVIL Sense Output Duty Cycle	0.0	%	Sensors