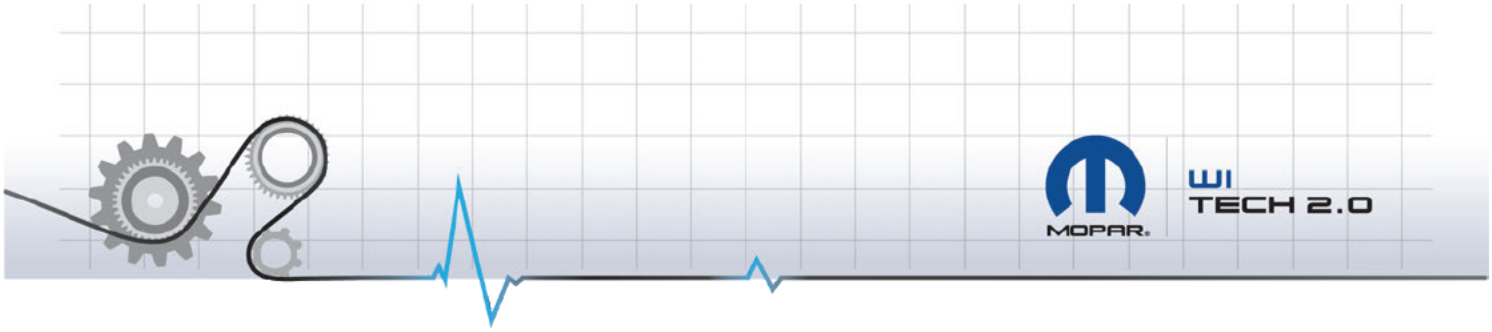
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# CONFIGURATION REPORT

**Vehicle** 2020 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
**VIN** 2C4RC1L71[redacted]

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

## ECU SUMMARY INFO

| ECU | NAME | BUS TYPE | FLASH PART # | CURRENT [redacted] | ORIGINAL [redacted] | PART # |
|---|---|---|---|---|---|---|
| PCM | Powertrain Control Module | CAN-C | 68444229AE | 2C4RC1L7 | 2C4RC1L7 | 68444229AE |
| ICS | Integrated Center Stack | CAN-I | 6UX601X8AA | 2C4RC1L7 | 2C4RC1L7 | 6UX601X8AA |
| RFH | Radio Frequency Hub | CAN-C | 68453559AB | 2C4RC1L7 | 2C4RC1L7 | 68453559AB |
| ESM | Electronic Shifter | CAN-C | 68240089AM | 2C4RC1L7 | 2C4RC1L7 | 68240089AM |
| ORC | Occupant Restraint | CAN-C | 68453076AD | 2C4RC1L7 | 2C4RC1L7 | 68453076AD |
| EPS | Electric Power Steering | CAN-C | 68460392AA | 2C4RC1L7 | 2C4RC1L7 | 68460392AA |
| ANC | Active Noise Cancelation | CAN-I | 68440556AB | 2C4RC1L7 | 2C4RC1L7 | 68440556AB |
| HVAC | Heat, Ventilation and A/C | CAN-I | 68447893AC | 2C4RC1L7 | 2C4RC1L7 | 68447893AC |
| DDM | Driver Door Module | CAN-I | 68424451AC | 2C4RC1L7 | 2C4RC1L7 | 68424451AC |
| PDM | Passenger Door Module | CAN-I | 68424450AC | 2C4RC1L7 | 2C4RC1L7 | 68424450AC |
| DMRL | Door Module Rear Left | CAN-I | 68225096AG | 2C4RC1L7 | 2C4RC1L7 | 68225096AG |
| DMRR | Door Module Rear Right | CAN-I | 68225096AG | 2C4RC1L7 | 2C4RC1L7 | 68225096AG |
| PSDML | Power Sliding Doors (Left) | CAN-I | 68369596AD | 2C4RC1L7 | 2C4RC1L7 | 68369596AD |
| PSDMR | Power Sliding Doors (Right) | CAN-I | 68369596AD | 2C4RC1L7 | 2C4RC1L7 | 68369596AD |
| PLGM | Power Liftgate | CAN-I | 68316094AF | 2C4RC1L7 | 2C4RC1L7 | 68316094AF |
| CSWM | Comfort Seat Wheel Module | CAN-I | 68434910AC | 2C4RC1L7 | 2C4RC1L7 | 68434910AC |
| IPC | Instrument Panel Cluster | CAN-C | 68434956AD | 2C4RC1L7 | 2C4RC1L7 | 68434956AD |
| PTS | Parktronics | CAN-C | 68193772AJ | 2C4RC1L7 | 2C4RC1L7 | 68193772AJ |
| SCCM | Steering Column Control Module | CAN-C | 68360889AD | 2C4RC1L7 | 2C4RC1L7 | 68360889AD |
| BCM | Body Controller | CAN-C | 68424601AF | 2C4RC1L7 | 2C4RC1L7 | 68424601AF |
| RADIO | Radio | CAN-I | 68461768AD | 2C4RC1 | 2C4RC1L7 | 68461768AD |

| | | | | | | |
|---|---|---|---|---|---|---|
| OCM | Occupant Classification | CAN-C | 68403127AA | 2C4RC1L7 [redacted] | 2C4RC1 [redacted] | 68403127AA |
| HVACR | Heat, Ventilation and A/C Rear | CAN-I | 68373079AB | 2C4RC1L7 | 2C4RC1 | 68373079AB |
| LBSS | Left Blind Spot Sensor | CAN-I | 04672786AB | 2C4RC1L7 | 2C4RC1 | 04672786AB |
| RBSS | Right Blind Spot Sensor | CAN-I | 04672786AB | 2C4RC1L7 | 2C4RC1 | 04672786AB |
| APM | Accessory Power Module | CAN-C | 05185046AB | 2C4RC1L7 | 2C4RC1 | 05185046AB |
| BPCM | Battery Pack Control Module | CAN-C | 05193166AF | 2C4RC1L7 | 2C4RC1 | 05193166AF |
| HCP | Hybrid Control Processor | CAN-C | 05190289AC | 2C4RC1L7 | 2C4RC1 | 05190289AC |
| OBCM | On Board Charging Module | CAN-C | 05185047AE | 2C4RC1L7 | 2C4RC1 | 05185047AE |
| DSM | Display Screen Module | CAN-I | 68316175AC | 2C4RC1L7 | 2C4RC1 | 68316175AC |
| RCCC | Rear Cabin Comfort Controls | CAN-I | 6WL30PD2AA | 2C4RC1L7 | 2C4RC1 | 6WL30PD2AA |
| EAC | Electric A/C Compressor | CAN-C | 68237995AG | 2C4RC1L7 | 2C4RC1 | 68237995AG |
| AHCP | Auxiliary Hybrid Control Processor | CAN-C | 05190290AC | 2C4RC1L7 | 2C4RC1 | 05190290AC |
| EBBM | Electronic Brake Booster Module | CAN-C | 68461813AB | 2C4RC1L7 | 2C4RC1 | 68461813AB |
| ABSO | Anti Lock Brakes OBD | CAN-C | 68471122AD | 2C4RC1L7 | 2C4RC1 | 68471122AD |
| SGW | Security Gateway Module | CAN-C | 68447193AB | | 2C4RC1 | 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 | |

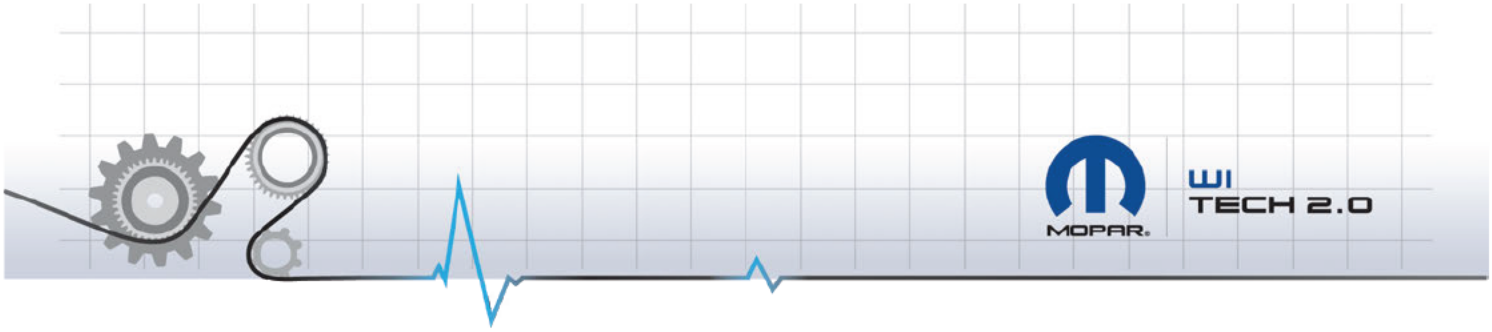
## RCCC CONFIGURATION

| 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** 2C4RC1L71[redacted]

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

## ECU SUMMARY INFO

| ECU | NAME | BUS TYPE | FLASH PART # | CURREN[redacted] | ORIGINAL[redacted] | PART # |
|---|---|---|---|---|---|---|
| PCM | Powertrain Control Module | CAN-C | 68444229AE | 2C4RC1L | 2C4RC1L7 | 68444229AE |
| ICS | Integrated Center Stack | CAN-I | 6UX601X8AA | 2C4RC1L | 2C4RC1L7 | 6UX601X8AA |
| RFH | Radio Frequency Hub | CAN-C | 68453559AB | 2C4RC1L | 2C4RC1L7 | 68453559AB |
| ESM | Electronic Shifter | CAN-C | 68240089AM | 2C4RC1L | 2C4RC1L7 | 68240089AM |
| ORC | Occupant Restraint | CAN-C | 68453076AD | 2C4RC1L | 2C4RC1L7 | 68453076AD |
| EPS | Electric Power Steering | CAN-C | 68460392AA | 2C4RC1L | 2C4RC1L7 | 68460392AA |
| ANC | Active Noise Cancelation | CAN-I | 68440556AB | 2C4RC1L | 2C4RC1L7 | 68440556AB |
| HVAC | Heat, Ventilation and A/C | CAN-I | 68447893AC | 2C4RC1L | 2C4RC1L7 | 68447893AC |
| DDM | Driver Door Module | CAN-I | 68424451AC | 2C4RC1L | 2C4RC1L7 | 68424451AC |
| PDM | Passenger Door Module | CAN-I | 68424450AC | 2C4RC1L | 2C4RC1L7 | 68424450AC |
| DMRL | Door Module Rear Left | CAN-I | 68225096AG | 2C4RC1L | 2C4RC1L7 | 68225096AG |
| DMRR | Door Module Rear Right | CAN-I | 68225096AG | 2C4RC1L | 2C4RC1L7 | 68225096AG |
| PSDML | Power Sliding Doors (Left) | CAN-I | 68369596AD | 2C4RC1L | 2C4RC1L7 | 68369596AD |
| PSDMR | Power Sliding Doors (Right) | CAN-I | 68369596AD | 2C4RC1L | 2C4RC1L7 | 68369596AD |
| PLGM | Power Liftgate | CAN-I | 68316094AF | 2C4RC1L | 2C4RC1L7 | 68316094AF |
| CSWM | Comfort Seat Wheel Module | CAN-I | 68434910AC | 2C4RC1L | 2C4RC1L7 | 68434910AC |
| IPC | Instrument Panel Cluster | CAN-C | 68434956AD | 2C4RC1L | 2C4RC1L7 | 68434956AD |
| PTS | Parktronics | CAN-C | 68193772AJ | 2C4RC1L | 2C4RC1L7 | 68193772AJ |
| SCCM | Steering Column Control Module | CAN-C | 68360889AD | 2C4RC1L | 2C4RC1L7 | 68360889AD |
| BCM | Body Controller | CAN-C | 68424601AF | 2C4RC1L | 2C4RC1L7 | 68424601AF |
| RADIO | Radio | CAN-I | 68461768AD | 2C4RC1 | 2C4RC1L7 | 68461768AD |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| OCM | Occupant Classification | CAN-C | 68403127AA | 2C4RC1 | [redacted] | 2C4RC1L | 68403127AA |
| HVACR | Heat, Ventilation and A/C Rear | CAN-I | 68373079AB | 2C4RC1 | | 2C4RC1L | 68373079AB |
| LBSS | Left Blind Spot Sensor | CAN-I | 04672786AB | 2C4RC1 | | 2C4RC1L | 04672786AB |
| RBSS | Right Blind Spot Sensor | CAN-I | 04672786AB | 2C4RC1 | | 2C4RC1L | 04672786AB |
| APM | Accessory Power Module | CAN-C | 05185046AB | 2C4RC1 | | 2C4RC1L | 05185046AB |
| BPCM | Battery Pack Control Module | CAN-C | 05193166AF | 2C4RC1 | | 2C4RC1L | 05193166AF |
| HCP | Hybrid Control Processor | CAN-C | 05190289AC | 2C4RC1 | | 2C4RC1L | 05190289AC |
| OBCM | On Board Charging Module | CAN-C | 05185047AE | 2C4RC1 | | 2C4RC1L | 05185047AE |
| DSM | Display Screen Module | CAN-I | 68316175AC | 2C4RC1 | | 2C4RC1L | 68316175AC |
| RCCC | Rear Cabin Comfort Controls | CAN-I | 6WL30PD2AA | 2C4RC1 | | 2C4RC1L | 6WL30PD2AA |
| EAC | Electric A/C Compressor | CAN-C | 68237995AG | 2C4RC1 | | 2C4RC1L | 68237995AG |
| AHCP | Auxiliary Hybrid Control Processor | CAN-C | 05190290AC | 2C4RC1 | | 2C4RC1L | 05190290AC |
| EBBM | Electronic Brake Booster Module | CAN-C | 68461813AB | 2C4RC1 | | 2C4RC1L | 68461813AB |
| ABSO | Anti Lock Brakes OBD | CAN-C | 68471122AD | 2C4RC1 | | 2C4RC1L | 68471122AD |
| SGW | Security Gateway Module | CAN-C | 68447193AB | | | 2C4RC1L | 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 | |

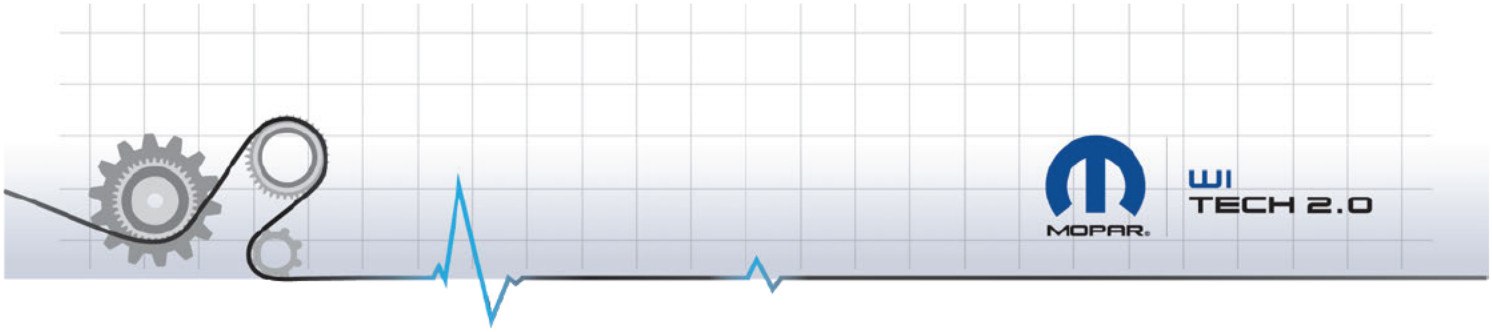
## RCCC CONFIGURATION

| 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** 2C4RC1L71[redacted]

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

## ECU DETAILS

### PCM DETAILS

| NAME | VALUE |
|---|---|
| VIN Current | 2C4RC1L71[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 | 2C4RC1L71L[redacted] |
| Serial Number | T00EP220[redacted] |

### ICS DETAILS

| NAME | VALUE |
|---|---|
| VIN Original | 2C4RC1L71L[redacted] |
| VIN Current | 2C4RC1L71L[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 | 2C4RC1L71[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 | 2C4RC1L71[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 | 2C4RC1L71L[redacted] |
| Active Diagnostic Version | 02 |
| Active Diagnostic Variant | 45 |
| SW - Patch Level | 01 |
| SW - year | 2018 |
| SW - week | 30 |
| VIN Original | 2C4RC1L71[redacted] |
| ECU Part Number | 68460392AA |

## ANC DETAILS

| NAME | VALUE |
|---|---|
| Hardware Part Number | 68440556AB |
| ECU Part Number | 68440556AB |
| EQ Software Version | 048800 |
| ECU Serial Number | 4221AJ[redacted] |
| Active Diagnostic Variant | 42 |
| Active Diagnostic Version | 10 |
| VIN Current | 2C4RC1L7[redacted] |
| Country Code | USA |
| Model Year | 2020 |
| Vehicle Line | RU |
| VIN Original | 2C4RC1[redacted] |

## HVAC DETAILS

| NAME | VALUE |
|---|---|
| VIN Current | 2C4RC1L71[redacted] |
| ECU Part Number | 68447893AC |
| VIN Original | 2C4RC1L71[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 | 2C4RC1L71L[redacted] |
| VIN Current | 2C4RC1L71L[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 | 2C4RC1L71[redacted] |
| VIN Original | 2C4RC1L71[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 | 2C4RC1L71[redacted] |
| VIN Current | 2C4RC1L71[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 | 2C4RC1L71[redacted] |
| Hardware Part Number | 68225096AG |
| VIN Original | 2C4RC1L71[redacted] |
| Country Code | USA / USA |
| Body Style | Station Wagon |
| Model Year | 2020 |
| Vehicle Line | RU / VEH_RU |

## PSDML DETAILS

| NAME | VALUE |
|---|---|
| VIN Original | 2C4RC1L7[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 | 2C4RC1L[redacted] |
| Active Diagnostic Variant | 40 |
| Active Diagnostic Version | 01 |

## PSDMR DETAILS

| NAME | VALUE |
|---|---|
| VIN Current | 2C4RC1L71[redacted] |
| VIN Original | 2C4RC1L71[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 | TPLUF217[redacted] |
| 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 | 2C4RC1L7[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 | 2C4RC1L7[redacted] |
| VIN Current | 2C4RC1L7[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 | 2C4RC1L7[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 | 2C4RC1L7[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 | 2C4RC1L7[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 | 2C4RC1L7[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 | 2C4RC1L[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 | 2C4RC1L7[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 | 2C4RC1L[redacted] |
| ECU Software Number | 68461768AD |
| VIN Current | 2C4RC1L[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 | 2C4RC1L[redacted] |
| VIN Current | 2C4RC1L[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 | 2C4RC1L71[redacted] |
| VIN Current | 2C4RC1L71[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 | 2C4RC1L71[redacted] |
| VIN Current | 2C4RC1L7[redacted] |

## APM DETAILS

| NAME | VALUE |
|---|---|
| ECU Serial Number | TD6VA062[redacted] |
| Active Diagnostic Variant | 40 |
| Active Diagnostic Version | 01 |
| Country Code | USA / USA |
| Vehicle Line | RU |
| Model Year | 2016 |
| VIN Original | 2C4RC1L7[redacted] |
| VIN Current | 2C4RC1L7[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 | 2C4RC1L7[redacted] |
| ECU Serial Number | TESIG216020028 |
| VIN Current | 2C4RC1L7[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 | TMMVL16[redacted] |
| Active Diagnostic Version | 05 |
| Active Diagnostic Variant | 40 |
| VIN Original | 2C4RC1L7[redacted] |

| | |
|---|---|
| VIN Current | 2C4RC1L[redacted] |

## OBCM DETAILS

| NAME | VALUE |
|---|---|
| VIN Original | 2C4RC1L7[redacted] |
| Active Diagnostic Variant | 40 |
| Active Diagnostic Version | 02 |
| ECU Serial Number | TD63H2428R6409 |
| ECU Part Number | 05185047AE |
| VIN Current | 2C4RC1L[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 | 2C4RC1L7[redacted] |
| VIN Current | 2C4RC1L7[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 | 2C4RC1L7[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 | 2C4RC1L7[redacted] |
| Vehicle Line | RU |
| Model Year | 20 |
| Country Code | USA |
| Body Style | Station Wagon |

| | |
|---|---|
| Hardware Part Number | 68223337AB |

## EAC DETAILS

| NAME | VALUE |
|---|---|
| VIN Original | 2C4RC1L7[redacted] |
| Active Diagnostic Variant | 41 |
| Active Diagnostic Version | 02 |
| VIN Current | 2C4RC1L7[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 | 2C4RC1L7[redacted] |
| Hardware Part Number | 05190174AM |
| ECU Part Number | 05190290AC |
| VIN Current | 2C4RC1L7[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 | 2C4RC1L7[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 [redacted] | ORIGINAL [redacted] | PART # |
|---|---|---|---|---|---|---|
| PCM | Powertrain Control Module | CAN-C | 68444229AE | 2C4RC1L | 2C4RC1L7 | 68444229AE |
| ICS | Integrated Center Stack | CAN-I | 6UX601X8AA | 2C4RC1L | 2C4RC1L7 | 6UX601X8AA |
| RFH | Radio Frequency Hub | CAN-C | 68453559AB | 2C4RC1L | 2C4RC1L7 | 68453559AB |
| ESM | Electronic Shifter | CAN-C | 68240089AM | 2C4RC1L | 2C4RC1L7 | 68240089AM |
| ORC | Occupant Restraint | CAN-C | 68453076AD | 2C4RC1L | 2C4RC1L7 | 68453076AD |
| EPS | Electric Power Steering | CAN-C | 68460392AA | 2C4RC1L | 2C4RC1L7 | 68460392AA |
| ANC | Active Noise Cancelation | CAN-I | 68440556AB | 2C4RC1L | 2C4RC1L7 | 68440556AB |
| HVAC | Heat, Ventilation and A/C | CAN-I | 68447893AC | 2C4RC1L | 2C4RC1L7 | 68447893AC |
| DDM | Driver Door Module | CAN-I | 68424451AC | 2C4RC1L | 2C4RC1L7 | 68424451AC |
| PDM | Passenger Door Module | CAN-I | 68424450AC | 2C4RC1L | 2C4RC1L7 | 68424450AC |
| DMRL | Door Module Rear Left | CAN-I | 68225096AG | 2C4RC1L | 2C4RC1L7 | 68225096AG |
| DMRR | Door Module Rear Right | CAN-I | 68225096AG | 2C4RC1L | 2C4RC1L7 | 68225096AG |
| PSDML | Power Sliding Doors (Left) | CAN-I | 68369596AD | 2C4RC1L | 2C4RC1L7 | 68369596AD |
| PSDMR | Power Sliding Doors (Right) | CAN-I | 68369596AD | 2C4RC1L | 2C4RC1L7 | 68369596AD |
| PLGM | Power Liftgate | CAN-I | 68316094AF | 2C4RC1L | 2C4RC1L7 | 68316094AF |
| CSWM | Comfort Seat Wheel Module | CAN-I | 68434910AC | 2C4RC1L | 2C4RC1L7 | 68434910AC |

| | | | | | | |
|---|---|---|---|---|---|---|
| IPC | Instrument Panel Cluster | CAN-C | 68434956AD | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 68434956AD |
| PTS | Parktronics | CAN-C | 68193772AJ | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 68193772AJ |
| SCCM | Steering Column Control Module | CAN-C | 68360889AD | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 68360889AD |
| BCM | Body Controller | CAN-C | 68424601AF | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 68424601AF |
| RADIO | Radio | CAN-I | 68461768AD | 2C4RC1[redacted] | 2C4RC1L7[redacted] | 68461768AD |
| OCM | Occupant Classification | CAN-C | 68403127AA | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 68403127AA |
| HVACR | Heat, Ventilation and A/C Rear | CAN-I | 68373079AB | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 68373079AB |
| LBSS | Left Blind Spot Sensor | CAN-I | 04672786AB | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 04672786AB |
| RBSS | Right Blind Spot Sensor | CAN-I | 04672786AB | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 04672786AB |
| APM | Accessory Power Module | CAN-C | 05185046AB | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 05185046AB |
| BPCM | Battery Pack Control Module | CAN-C | 05193166AF | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 05193166AF |
| HCP | Hybrid Control Processor | CAN-C | 05190289AC | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 05190289AC |
| OBCM | On Board Charging Module | CAN-C | 05185047AE | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 05185047AE |
| DSM | Display Screen Module | CAN-I | 68316175AC | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 68316175AC |
| RCCC | Rear Cabin Comfort Controls | CAN-I | 6WL30PD2AA | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 6WL30PD2AA |
| EAC | Electric A/C Compressor | CAN-C | 68237995AG | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 68237995AG |
| AHCP | Auxiliary Hybrid Control Processor | CAN-C | 05190290AC | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 05190290AC |
| EBBM | Electronic Brake Booster Module | CAN-C | 68461813AB | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 68461813AB |
| ABSO | Anti Lock Brakes OBD | CAN-C | 68471122AD | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 68471122AD |
| SGW | Security Gateway Module | CAN-C | 68447193AB | [redacted] | 2C4RC1L7[redacted] | 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

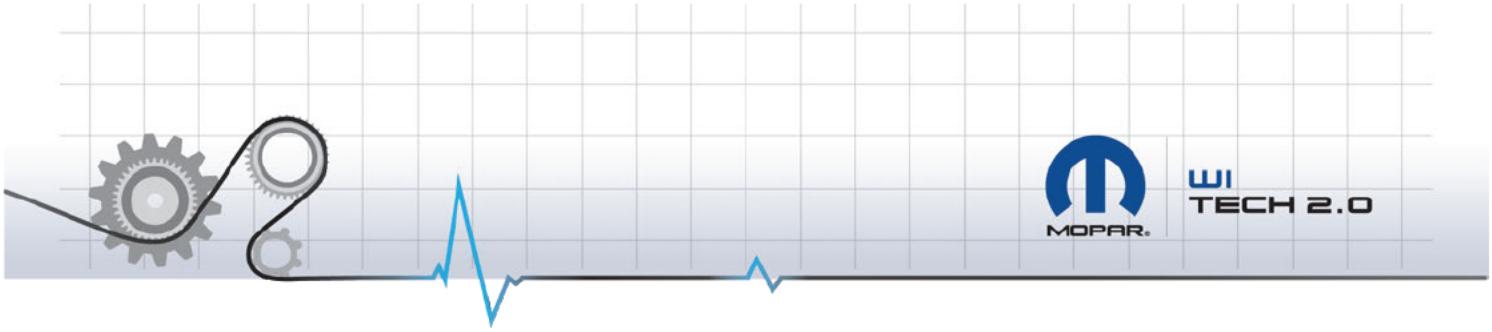
| NAME | VALUE | UNITS |
|---|---|---|
| Engine Displacement | 3.6 | No Unit |
| ESC BLA Enabled | False | |

| | | |
|---|---|---|
| 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** 2C4RC1L7[redacted]

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

## ECU DETAILS

### PCM DETAILS

| NAME | VALUE |
|---|---|
| VIN Current | 2C4RC1L7[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 | 2C4RC1L7[redacted] |
| Serial Number | T00EP2200IV529 |

### ICS DETAILS

| NAME | VALUE |
|---|---|
| VIN Original | 2C4RC1L7[redacted] |
| VIN Current | 2C4RC1L7[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 | 2C4RC1L7[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 | 2C4RC1L7[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 | 2C4RC1L7[redacted] |
| Active Diagnostic Version | 02 |
| Active Diagnostic Variant | 45 |
| SW - Patch Level | 01 |
| SW - year | 2018 |
| SW - week | 30 |
| VIN Original | 2C4RC1L7[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 | 2C4RC1L7[redacted] |
| Country Code | USA |
| Model Year | 2020 |
| Vehicle Line | RU |
| VIN Original | 2C4RC1L[redacted] |

## HVAC DETAILS

| NAME | VALUE |
|---|---|
| VIN Current | 2C4RC1L7[redacted] |
| ECU Part Number | 68447893AC |
| VIN Original | 2C4RC1L7[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 | 2C4RC1L7[redacted] |
| VIN Current | 2C4RC1L7[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 | 2C4RC1L[redacted] |
| VIN Original | 2C4RC1L[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 | 2C4RC1L7[redacted] |
| VIN Current | 2C4RC1L7[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 | 2C4RC1L71[redacted] |
| Hardware Part Number | 68225096AG |
| VIN Original | 2C4RC1L71[redacted] |
| Country Code | USA / USA |
| Body Style | Station Wagon |
| Model Year | 2020 |
| Vehicle Line | RU / VEH_RU |

## PSDML DETAILS

| NAME | VALUE |
|---|---|
| VIN Original | 2C4RC1L71[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 | 2C4RC1L71[redacted] |
| Active Diagnostic Variant | 40 |
| Active Diagnostic Version | 01 |

## PSDMR DETAILS

| NAME | VALUE |
|---|---|
| VIN Current | 2C4RC1L71[redacted] |
| VIN Original | 2C4RC1L71[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 | 2C4RC1L7[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 | 2C4RC1L7[redacted] |
| VIN Current | 2C4RC1L7[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 | 2C4RC1L71[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 | 2C4RC1L[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 | 2C4RC1L[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 | 2C4RC1L7[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 | 2C4RC1L71LR270622 |
| 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 | 2C4RC1L7[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 | 2C4RC1L7[redacted] |
| ECU Software Number | 68461768AD |
| VIN Current | 2C4RC1L71[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 | 2C4RC1L7[redacted] |
| VIN Current | 2C4RC1L71[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 | 2C4RC1L7[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 | 2C4RC1L[redacted] |
| VIN Current | 2C4RC1L[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 | 2C4RC1L7[redacted] |
| VIN Current | 2C4RC1L7[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 | 2C4RC1L71[redacted] |
| VIN Current | 2C4RC1L71[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 | 2C4RC1L71[redacted] |
| ECU Serial Number | TESIG216020028 |
| VIN Current | 2C4RC1L71[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 | 2C4RC1L7[redacted] |

| | |
|---|---|
| VIN Current | 2C4RC1L71[redacted] |

## OBCM DETAILS

| NAME | VALUE |
|---|---|
| VIN Original | 2C4RC1L7[redacted] |
| Active Diagnostic Variant | 40 |
| Active Diagnostic Version | 02 |
| ECU Serial Number | TD63H2428R6409 |
| ECU Part Number | 05185047AE |
| VIN Current | 2C4RC1L7[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 | 2C4RC1L71[redacted] |
| VIN Current | 2C4RC1L71[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 | 2C4RC1L7[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 | 2C4RC1L7[redacted] |
| Vehicle Line | RU |
| Model Year | 20 |
| Country Code | USA |
| Body Style | Station Wagon |

| | |
|---|---|
| Hardware Part Number | 68223337AB |

## EAC DETAILS

| NAME | VALUE |
|---|---|
| VIN Original | 2C4RC1L7[redacted] |
| Active Diagnostic Variant | 41 |
| Active Diagnostic Version | 02 |
| VIN Current | 2C4RC1L71[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 | 2C4RC1L7[redacted] |
| Hardware Part Number | 05190174AM |
| ECU Part Number | 05190290AC |
| VIN Current | 2C4RC1L71[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 | 2C4RC1L71LR270622 |
| 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 # | CURREN | ORIGINAL | PART # |
|---|---|---|---|---|---|---|
| PCM | Powertrain Control Module | CAN-C | 68444229AE | 2C4RC1 | 2C4RC1L7 | 68444229AE |
| ICS | Integrated Center Stack | CAN-I | 6UX601X8AA | 2C4RC1 | 2C4RC1L7 | 6UX601X8AA |
| RFH | Radio Frequency Hub | CAN-C | 68453559AB | 2C4RC1 | 2C4RC1L7 | 68453559AB |
| ESM | Electronic Shifter | CAN-C | 68240089AM | 2C4RC1 | 2C4RC1L7 | 68240089AM |
| ORC | Occupant Restraint | CAN-C | 68453076AD | 2C4RC1 | 2C4RC1L7 | 68453076AD |
| EPS | Electric Power Steering | CAN-C | 68460392AA | 2C4RC1 | 2C4RC1L7 | 68460392AA |
| ANC | Active Noise Cancelation | CAN-I | 68440556AB | 2C4RC1 | 2C4RC1L7 | 68440556AB |
| HVAC | Heat, Ventilation and A/C | CAN-I | 68447893AC | 2C4RC1 | 2C4RC1L7 | 68447893AC |
| DDM | Driver Door Module | CAN-I | 68424451AC | 2C4RC1 | 2C4RC1L7 | 68424451AC |
| PDM | Passenger Door Module | CAN-I | 68424450AC | 2C4RC1 | 2C4RC1L7 | 68424450AC |
| DMRL | Door Module Rear Left | CAN-I | 68225096AG | 2C4RC1 | 2C4RC1L7 | 68225096AG |
| DMRR | Door Module Rear Right | CAN-I | 68225096AG | 2C4RC1 | 2C4RC1L7 | 68225096AG |
| PSDML | Power Sliding Doors (Left) | CAN-I | 68369596AD | 2C4RC1 | 2C4RC1L7 | 68369596AD |
| PSDMR | Power Sliding Doors (Right) | CAN-I | 68369596AD | 2C4RC1 | 2C4RC1L7 | 68369596AD |
| PLGM | Power Liftgate | CAN-I | 68316094AF | 2C4RC1 | 2C4RC1L7 | 68316094AF |
| CSWM | Comfort Seat Wheel Module | CAN-I | 68434910AC | 2C4RC1 | 2C4RC1L7 | 68434910AC |

| | | | | | | |
|---|---|---|---|---|---|---|
| IPC | Instrument Panel Cluster | CAN-C | 68434956AD | 2C4RC1L71 | 2C4RC1L7 | 68434956AD |
| PTS | Parktronics | CAN-C | 68193772AJ | 2C4RC1L71 | 2C4RC1L7 | 68193772AJ |
| SCCM | Steering Column Control Module | CAN-C | 68360889AD | 2C4RC1L71 | 2C4RC1L7 | 68360889AD |
| BCM | Body Controller | CAN-C | 68424601AF | 2C4RC1L71 | 2C4RC1L7 | 68424601AF |
| RADIO | Radio | CAN-I | 68461768AD | 2C4RC1 | 2C4RC1L7 | 68461768AD |
| OCM | Occupant Classification | CAN-C | 68403127AA | 2C4RC1L71 | 2C4RC1L7 | 68403127AA |
| HVACR | Heat, Ventilation and A/C Rear | CAN-I | 68373079AB | 2C4RC1L71 | 2C4RC1L7 | 68373079AB |
| LBSS | Left Blind Spot Sensor | CAN-I | 04672786AB | 2C4RC1L71 | 2C4RC1L7 | 04672786AB |
| RBSS | Right Blind Spot Sensor | CAN-I | 04672786AB | 2C4RC1L71 | 2C4RC1L7 | 04672786AB |
| APM | Accessory Power Module | CAN-C | 05185046AB | 2C4RC1L71 | 2C4RC1L7 | 05185046AB |
| BPCM | Battery Pack Control Module | CAN-C | 05193166AF | 2C4RC1L71 | 2C4RC1L7 | 05193166AF |
| HCP | Hybrid Control Processor | CAN-C | 05190289AC | 2C4RC1L71 | 2C4RC1L7 | 05190289AC |
| OBCM | On Board Charging Module | CAN-C | 05185047AE | 2C4RC1L71 | 2C4RC1L7 | 05185047AE |
| DSM | Display Screen Module | CAN-I | 68316175AC | 2C4RC1L71 | 2C4RC1L7 | 68316175AC |
| RCCC | Rear Cabin Comfort Controls | CAN-I | 6WL30PD2AA | 2C4RC1L71 | 2C4RC1L7 | 6WL30PD2AA |
| EAC | Electric A/C Compressor | CAN-C | 68237995AG | 2C4RC1L71 | 2C4RC1L7 | 68237995AG |
| AHCP | Auxiliary Hybrid Control Processor | CAN-C | 05190290AC | 2C4RC1L71 | 2C4RC1L7 | 05190290AC |
| EBBM | Electronic Brake Booster Module | CAN-C | 68461813AB | 2C4RC1L71 | 2C4RC1L7 | 68461813AB |
| ABSO | Anti Lock Brakes OBD | CAN-C | 68471122AD | 2C4RC1L71 | 2C4RC1L7 | 68471122AD |
| SGW | Security Gateway Module | CAN-C | 68447193AB | | 2C4RC1L7 | 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

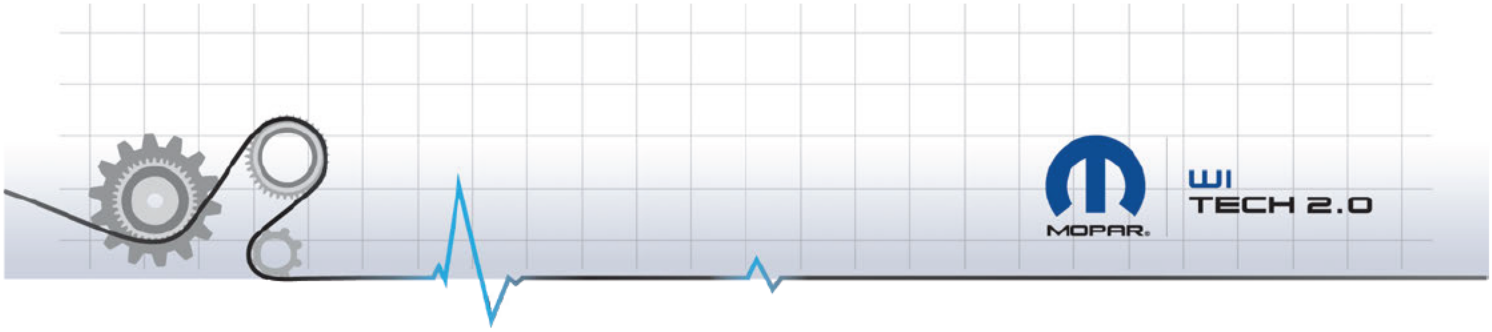
| NAME | VALUE | UNITS |
|---|---|---|
| Engine Displacement | 3.6 | No Unit |
| ESC BLA Enabled | False | |

| | | |
|---|---|---|
| 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** 2C4RC1L71[redacted]

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

## ECU SUMMARY INFO

| ECU | NAME | BUS TYPE | FLASH PART # | CURREN[redacted] | ORIGINAL[redacted] | PART # |
|---|---|---|---|---|---|---|
| PCM | Powertrain Control Module | CAN-C | 68444229AE | 2C4RC1L | 2C4RC1L7 | 68444229AE |
| ICS | Integrated Center Stack | CAN-I | 6UX601X8AA | 2C4RC1L | 2C4RC1L7 | 6UX601X8AA |
| RFH | Radio Frequency Hub | CAN-C | 68453559AB | 2C4RC1L | 2C4RC1L7 | 68453559AB |
| ESM | Electronic Shifter | CAN-C | 68240089AM | 2C4RC1L | 2C4RC1L7 | 68240089AM |
| ORC | Occupant Restraint | CAN-C | 68453076AD | 2C4RC1L | 2C4RC1L7 | 68453076AD |
| EPS | Electric Power Steering | CAN-C | 68460392AA | 2C4RC1L | 2C4RC1L7 | 68460392AA |
| ANC | Active Noise Cancelation | CAN-I | 68440556AB | 2C4RC1L | 2C4RC1L7 | 68440556AB |
| HVAC | Heat, Ventilation and A/C | CAN-I | 68447893AC | 2C4RC1L | 2C4RC1L7 | 68447893AC |
| DDM | Driver Door Module | CAN-I | 68424451AC | 2C4RC1L | 2C4RC1L7 | 68424451AC |
| PDM | Passenger Door Module | CAN-I | 68424450AC | 2C4RC1L | 2C4RC1L7 | 68424450AC |
| DMRL | Door Module Rear Left | CAN-I | 68225096AG | 2C4RC1L | 2C4RC1L7 | 68225096AG |
| DMRR | Door Module Rear Right | CAN-I | 68225096AG | 2C4RC1L | 2C4RC1L7 | 68225096AG |
| PSDML | Power Sliding Doors (Left) | CAN-I | 68369596AD | 2C4RC1L | 2C4RC1L7 | 68369596AD |
| PSDMR | Power Sliding Doors (Right) | CAN-I | 68369596AD | 2C4RC1L | 2C4RC1L7 | 68369596AD |
| PLGM | Power Liftgate | CAN-I | 68316094AF | 2C4RC1L | 2C4RC1L7 | 68316094AF |
| CSWM | Comfort Seat Wheel Module | CAN-I | 68434910AC | 2C4RC1L | 2C4RC1L7 | 68434910AC |
| IPC | Instrument Panel Cluster | CAN-C | 68434956AD | 2C4RC1L | 2C4RC1L7 | 68434956AD |
| PTS | Parktronics | CAN-C | 68193772AJ | 2C4RC1L | 2C4RC1L7 | 68193772AJ |
| SCCM | Steering Column Control Module | CAN-C | 68360889AD | 2C4RC1L | 2C4RC1L7 | 68360889AD |
| BCM | Body Controller | CAN-C | 68424601AF | 2C4RC1L | 2C4RC1L7 | 68424601AF |
| RADIO | Radio | CAN-I | 68461768AD | 2C4RC1 | 2C4RC1L7 | 68461768AD |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| OCM | Occupant Classification | CAN-C | 68403127AA | 2C4RC1L | [redacted] | 2C4RC1L7 | 68403127AA |
| HVACR | Heat, Ventilation and A/C Rear | CAN-I | 68373079AB | 2C4RC1L | [redacted] | 2C4RC1L7 | 68373079AB |
| LBSS | Left Blind Spot Sensor | CAN-I | 04672786AB | 2C4RC1L | [redacted] | 2C4RC1L7 | 04672786AB |
| RBSS | Right Blind Spot Sensor | CAN-I | 04672786AB | 2C4RC1L | [redacted] | 2C4RC1L7 | 04672786AB |
| APM | Accessory Power Module | CAN-C | 05185046AB | 2C4RC1L | [redacted] | 2C4RC1L7 | 05185046AB |
| BPCM | Battery Pack Control Module | CAN-C | 05193166AF | 2C4RC1L | [redacted] | 2C4RC1L7 | 05193166AF |
| HCP | Hybrid Control Processor | CAN-C | 05190289AC | 2C4RC1L | [redacted] | 2C4RC1L7 | 05190289AC |
| OBCM | On Board Charging Module | CAN-C | 05185047AE | 2C4RC1L | [redacted] | 2C4RC1L7 | 05185047AE |
| DSM | Display Screen Module | CAN-I | 68316175AC | 2C4RC1L | [redacted] | 2C4RC1L7 | 68316175AC |
| RCCC | Rear Cabin Comfort Controls | CAN-I | 6WL30PD2AA | 2C4RC1L | [redacted] | 2C4RC1L7 | 6WL30PD2AA |
| EAC | Electric A/C Compressor | CAN-C | 68237995AG | 2C4RC1L | [redacted] | 2C4RC1L7 | 68237995AG |
| AHCP | Auxiliary Hybrid Control Processor | CAN-C | 05190290AC | 2C4RC1L | [redacted] | 2C4RC1L7 | 05190290AC |
| EBBM | Electronic Brake Booster Module | CAN-C | 68461813AB | 2C4RC1L | [redacted] | 2C4RC1L7 | 68461813AB |
| ABSO | Anti Lock Brakes OBD | CAN-C | 68471122AD | 2C4RC1L | [redacted] | 2C4RC1L7 | 68471122AD |
| SGW | Security Gateway Module | CAN-C | 68447193AB | [redacted] | | 2C4RC1L7 | 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 | 2C4RC1L71[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 | 2C4RC1L7[redacted] |
| Serial Number | T00EP2200IV529 |

### ICS DETAILS

| NAME | VALUE |
|---|---|
| VIN Original | 2C4RC1L7[redacted] |
| VIN Current | 2C4RC1L7[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 | 2C4RC1L7[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 | 2C4RC1L71[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 | 2C4RC1L[redacted] |
| Active Diagnostic Version | 02 |
| Active Diagnostic Variant | 45 |
| SW - Patch Level | 01 |
| SW - year | 2018 |
| SW - week | 30 |
| VIN Original | 2C4RC1L[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 | 2C4RC1L[redacted] |
| Country Code | USA |
| Model Year | 2020 |
| Vehicle Line | RU |

| | |
|---|---|
| VIN Original | 2C4RC1L7[redacted] |

## HVAC DETAILS

| NAME | VALUE |
|---|---|
| VIN Current | 2C4RC1L[redacted] |
| ECU Part Number | 68447893AC |
| VIN Original | 2C4RC1L71LR270622 |
| 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 | 2C4RC1L71[redacted] |
| VIN Current | 2C4RC1L71[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 | 2C4RC1L71[redacted] |
| VIN Original | 2C4RC1L71[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 | 2C4RC1L71[redacted] |
| VIN Current | 2C4RC1L71[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 | 2C4RC1L71[redacted] |
| Hardware Part Number | 68225096AG |
| VIN Original | 2C4RC1L71[redacted] |
| Country Code | USA / USA |
| Body Style | Station Wagon |
| Model Year | 2020 |
| Vehicle Line | RU / VEH_RU |

## PSDML DETAILS

| NAME | VALUE |
|---|---|
| VIN Original | 2C4RC1L7[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 | 2C4RC1L7[redacted] |
| Active Diagnostic Variant | 40 |
| Active Diagnostic Version | 01 |

## PSDMR DETAILS

| NAME | VALUE |
|---|---|
| VIN Current | 2C4RC1L7[redacted] |
| VIN Original | 2C4RC1L7[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 | 2C4RC1L7[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 | 2C4RC1L[redacted] |
| VIN Current | 2C4RC1L[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 | 2C4RC1L7[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 | 2C4RC1L7[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 | 2C4RC1[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 | 2C4RC1L7[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 | 2C4RC1L7[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 | 2C4RC1L7[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 | 2C4RC1L7[redacted] |
| ECU Software Number | 68461768AD |
| VIN Current | 2C4RC1L71[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 | 2C4RC1L[redacted] |
| VIN Current | 2C4RC1L[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 | 2C4RC1L71[redacted] |
| VIN Current | 2C4RC1L71[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 | 2C4RC1L71[redacted] |
| VIN Current | 2C4RC1L71[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 | 2C4RC1L71[redacted] |
| VIN Current | 2C4RC1L71[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 | 2C4RC1L7[redacted] |
| ECU Serial Number | TESIG216020028 |
| VIN Current | 2C4RC1L71[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 | 2C4RC1L7[redacted] |
| VIN Current | 2C4RC1L71[redacted] |

## OBCM DETAILS

| NAME | VALUE |
|---|---|
| VIN Original | 2C4RC1L71LR270622 |
| Active Diagnostic Variant | 40 |
| Active Diagnostic Version | 02 |
| ECU Serial Number | TD63H2428R6409 |
| ECU Part Number | 05185047AE |
| VIN Current | 2C4RC1L71LR270622 |

## 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 | 2C4RC1L7[redacted] |
| VIN Current | 2C4RC1L7[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 | 2C4RC1L7[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 | 2C4RC1L[redacted] |
| Vehicle Line | RU |
| Model Year | 20 |
| Country Code | USA |
| Body Style | Station Wagon |
| Hardware Part Number | 68223337AB |

## EAC DETAILS

| NAME | VALUE |
|---|---|
| VIN Original | 2C4RC1L7[redacted] |
| Active Diagnostic Variant | 41 |
| Active Diagnostic Version | 02 |
| VIN Current | 2C4RC1L71[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 | 2C4RC1L7[redacted] |
| Hardware Part Number | 05190174AM |
| ECU Part Number | 05190290AC |
| VIN Current | 2C4RC1L71[redacted] |

## EBBM DETAILS

| NAME | VALUE |
|---|---|
| Active Diagnostic Variant | 40 |
| Active Diagnostic Version | 00 |
| ECU Part Number | 68461813AB |
| ECU Serial Number | T006M09[redacted] |

## 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 | T004F205[redacted] |

## SGW DETAILS

| NAME | VALUE |
|---|---|
| VIN Original | 2C4RC1L71LR270622 |
| 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** | 2C4RC1L7[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** | 2C4RC1L71L[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** | 2C4RC1L71LR[redacted] | **Publication Date** | Aug 18, 2021, 2:32:51 PM |

## FREEZE FRAME DATA

No Carb data available

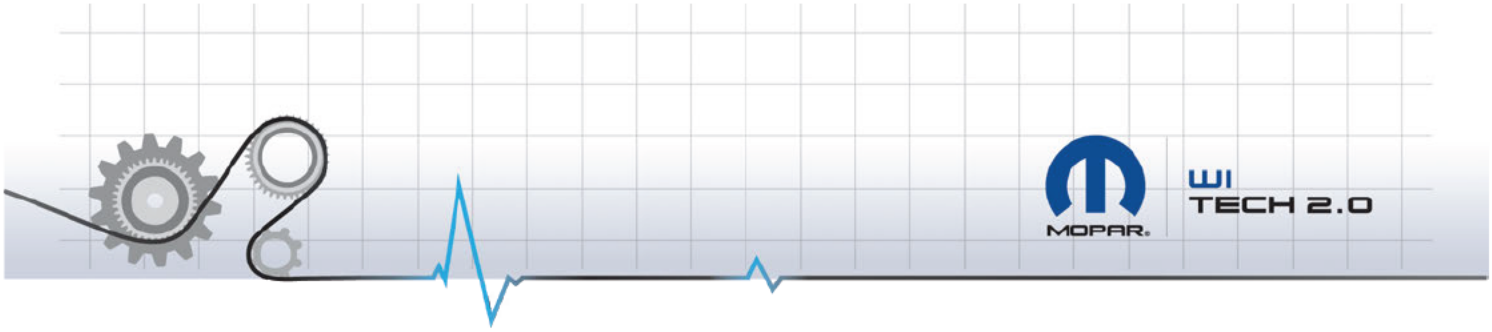
No Freeze Frame #1 data available

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** 2C4RC1L71LR[redacted]

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

## ECU SUMMARY INFO

| ECU | NAME | BUS TYPE | FLASH PART # | CURRENT | ORIGINAL | PART # |
|---|---|---|---|---|---|---|
| PCM | Powertrain Control Module | CAN-C | 68444229AE | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 68444229AE |
| ICS | Integrated Center Stack | CAN-I | 6UX601X8AA | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 6UX601X8AA |
| RFH | Radio Frequency Hub | CAN-C | 68453559AB | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 68453559AB |
| ESM | Electronic Shifter | CAN-C | 68240089AM | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 68240089AM |
| ORC | Occupant Restraint | CAN-C | 68453076AD | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 68453076AD |
| EPS | Electric Power Steering | CAN-C | 68460392AA | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 68460392AA |
| ANC | Active Noise Cancelation | CAN-I | 68440556AB | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 68440556AB |
| HVAC | Heat, Ventilation and A/C | CAN-I | 68447893AC | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 68447893AC |
| DDM | Driver Door Module | CAN-I | 68424451AC | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 68424451AC |
| PDM | Passenger Door Module | CAN-I | 68424450AC | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 68424450AC |
| DMRL | Door Module Rear Left | CAN-I | 68225096AG | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 68225096AG |
| DMRR | Door Module Rear Right | CAN-I | 68225096AG | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 68225096AG |
| PSDML | Power Sliding Doors (Left) | CAN-I | 68369596AD | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 68369596AD |
| PSDMR | Power Sliding Doors (Right) | CAN-I | 68369596AD | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 68369596AD |
| PLGM | Power Liftgate | CAN-I | 68316094AF | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 68316094AF |
| CSWM | Comfort Seat Wheel Module | CAN-I | 68434910AC | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 68434910AC |
| IPC | Instrument Panel Cluster | CAN-C | 68434956AD | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 68434956AD |
| PTS | Parktronics | CAN-C | 68193772AJ | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 68193772AJ |
| SCCM | Steering Column Control Module | CAN-C | 68360889AD | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 68360889AD |
| BCM | Body Controller | CAN-C | 68424601AF | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 68424601AF |
| RADIO | Radio | CAN-I | 68461768AD | 2C4RC1[redacted] | 2C4RC1L7[redacted] | 68461768AD |

| | | | | | | |
|---|---|---|---|---|---|---|
| OCM | Occupant Classification | CAN-C | 68403127AA | 2C4RC1L7 | 2C4RC1L71 | 68403127AA |
| HVACR | Heat, Ventilation and A/C Rear | CAN-I | 68373079AB | 2C4RC1L7 | 2C4RC1L71 | 68373079AB |
| LBSS | Left Blind Spot Sensor | CAN-I | 04672786AB | 2C4RC1L7 | 2C4RC1L71 | 04672786AB |
| RBSS | Right Blind Spot Sensor | CAN-I | 04672786AB | 2C4RC1L7 | 2C4RC1L71 | 04672786AB |
| APM | Accessory Power Module | CAN-C | 05185046AB | 2C4RC1L7 | 2C4RC1L71 | 05185046AB |
| BPCM | Battery Pack Control Module | CAN-C | 05193166AF | 2C4RC1L7 | 2C4RC1L71 | 05193166AF |
| HCP | Hybrid Control Processor | CAN-C | 05190289AC | 2C4RC1L7 | 2C4RC1L71 | 05190289AC |
| OBCM | On Board Charging Module | CAN-C | 05185047AE | 2C4RC1L7 | 2C4RC1L71 | 05185047AE |
| DSM | Display Screen Module | CAN-I | 68316175AC | 2C4RC1L7 | 2C4RC1L71 | 68316175AC |
| RCCC | Rear Cabin Comfort Controls | CAN-I | 6WL30PD2AA | 2C4RC1L7 | 2C4RC1L71 | 6WL30PD2AA |
| EAC | Electric A/C Compressor | CAN-C | 68237995AG | 2C4RC1L7 | 2C4RC1L71 | 68237995AG |
| AHCP | Auxiliary Hybrid Control Processor | CAN-C | 05190290AC | 2C4RC1L7 | 2C4RC1L71 | 05190290AC |
| EBBM | Electronic Brake Booster Module | CAN-C | 68461813AB | 2C4RC1L7 | 2C4RC1L71 | 68461813AB |
| ABSO | Anti Lock Brakes OBD | CAN-C | 68471122AD | 2C4RC1L7 | 2C4RC1L71 | 68471122AD |
| SGW | Security Gateway Module | CAN-C | 68447193AB | | 2C4RC1L71 | 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 |

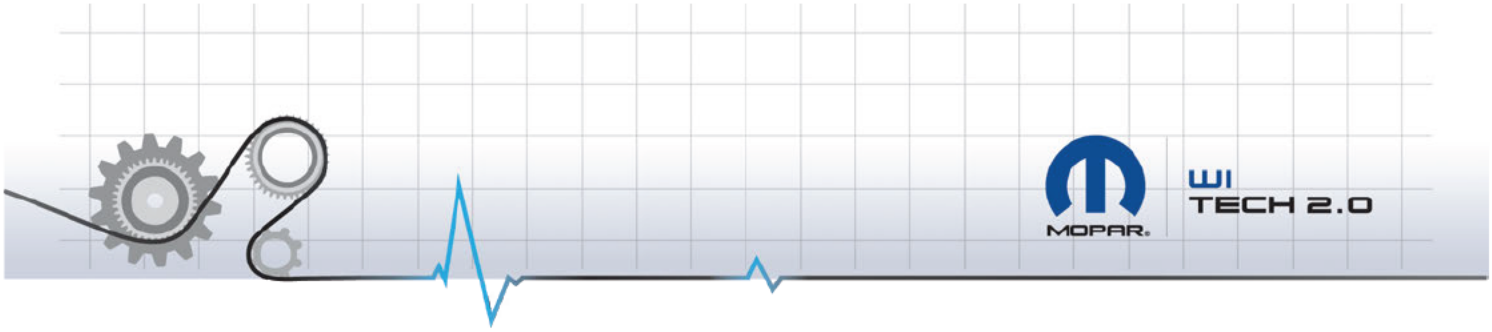
| | | |
|---|---|---|
| HV Cooling OBCM temp inlet Temp | 81 | °F |
| Pump - Battery Coolant Level Low | False | |
| Isolation Vehicle Diagnostic Status | Run and Passed | |
| Isolation Vehicle Impedance | 7.4750 | Mega Ohms |
| Isolation Battery Diagnostic Status | Run and Passed | |
| Isolation Battery 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** 2C4RC1L7[redacted]

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

## ECU SUMMARY INFO

| ECU | NAME | BUS TYPE | FLASH PART # | CURREN[redacted] | ORIGINAL[redacted] | PART # |
|---|---|---|---|---|---|---|
| PCM | Powertrain Control Module | CAN-C | 68444229AE | 2C4RC1 | 2C4RC1L7 | 68444229AE |
| ICS | Integrated Center Stack | CAN-I | 6UX601X8AA | 2C4RC1 | 2C4RC1L7 | 6UX601X8AA |
| RFH | Radio Frequency Hub | CAN-C | 68453559AB | 2C4RC1 | 2C4RC1L7 | 68453559AB |
| ESM | Electronic Shifter | CAN-C | 68240089AM | 2C4RC1 | 2C4RC1L7 | 68240089AM |
| ORC | Occupant Restraint | CAN-C | 68453076AD | 2C4RC1 | 2C4RC1L7 | 68453076AD |
| EPS | Electric Power Steering | CAN-C | 68460392AA | 2C4RC1 | 2C4RC1L7 | 68460392AA |
| ANC | Active Noise Cancelation | CAN-I | 68440556AB | 2C4RC1 | 2C4RC1L7 | 68440556AB |
| HVAC | Heat, Ventilation and A/C | CAN-I | 68447893AC | 2C4RC1 | 2C4RC1L7 | 68447893AC |
| DDM | Driver Door Module | CAN-I | 68424451AC | 2C4RC1 | 2C4RC1L7 | 68424451AC |
| PDM | Passenger Door Module | CAN-I | 68424450AC | 2C4RC1 | 2C4RC1L7 | 68424450AC |
| DMRL | Door Module Rear Left | CAN-I | 68225096AG | 2C4RC1 | 2C4RC1L7 | 68225096AG |
| DMRR | Door Module Rear Right | CAN-I | 68225096AG | 2C4RC1 | 2C4RC1L7 | 68225096AG |
| PSDML | Power Sliding Doors (Left) | CAN-I | 68369596AD | 2C4RC1 | 2C4RC1L7 | 68369596AD |
| PSDMR | Power Sliding Doors (Right) | CAN-I | 68369596AD | 2C4RC1 | 2C4RC1L7 | 68369596AD |
| PLGM | Power Liftgate | CAN-I | 68316094AF | 2C4RC1 | 2C4RC1L7 | 68316094AF |
| CSWM | Comfort Seat Wheel Module | CAN-I | 68434910AC | 2C4RC1 | 2C4RC1L7 | 68434910AC |
| IPC | Instrument Panel Cluster | CAN-C | 68434956AD | 2C4RC1 | 2C4RC1L7 | 68434956AD |
| PTS | Parktronics | CAN-C | 68193772AJ | 2C4RC1 | 2C4RC1L7 | 68193772AJ |
| SCCM | Steering Column Control Module | CAN-C | 68360889AD | 2C4RC1 | 2C4RC1L7 | 68360889AD |
| BCM | Body Controller | CAN-C | 68424601AF | 2C4RC1 | 2C4RC1L7 | 68424601AF |
| RADIO | Radio | CAN-I | 68461768AD | 2C4RC1 | 2C4RC1L7 | 68461768AD |

| | | | | | | |
|---|---|---|---|---|---|---|
| OCM | Occupant Classification | CAN-C | 68403127AA | 2C4RC1 [redacted] | 2C4RC1L [redacted] | 68403127AA |
| HVACR | Heat, Ventilation and A/C Rear | CAN-I | 68373079AB | 2C4RC1 | 2C4RC1L | 68373079AB |
| LBSS | Left Blind Spot Sensor | CAN-I | 04672786AB | 2C4RC1 | 2C4RC1L | 04672786AB |
| RBSS | Right Blind Spot Sensor | CAN-I | 04672786AB | 2C4RC1 | 2C4RC1L | 04672786AB |
| APM | Accessory Power Module | CAN-C | 05185046AB | 2C4RC1 | 2C4RC1L | 05185046AB |
| BPCM | Battery Pack Control Module | CAN-C | 05193166AF | 2C4RC1 | 2C4RC1L | 05193166AF |
| HCP | Hybrid Control Processor | CAN-C | 05190289AC | 2C4RC1 | 2C4RC1L | 05190289AC |
| OBCM | On Board Charging Module | CAN-C | 05185047AE | 2C4RC1 | 2C4RC1L | 05185047AE |
| DSM | Display Screen Module | CAN-I | 68316175AC | 2C4RC1 | 2C4RC1L | 68316175AC |
| RCCC | Rear Cabin Comfort Controls | CAN-I | 6WL30PD2AA | 2C4RC1 | 2C4RC1L | 6WL30PD2AA |
| EAC | Electric A/C Compressor | CAN-C | 68237995AG | 2C4RC1 | 2C4RC1L | 68237995AG |
| AHCP | Auxiliary Hybrid Control Processor | CAN-C | 05190290AC | 2C4RC1 | 2C4RC1L | 05190290AC |
| EBBM | Electronic Brake Booster Module | CAN-C | 68461813AB | 2C4RC1 | 2C4RC1L | 68461813AB |
| ABSO | Anti Lock Brakes OBD | CAN-C | 68471122AD | 2C4RC1 | 2C4RC1L | 68471122AD |
| SGW | Security Gateway Module | CAN-C | 68447193AB | | 2C4RC1L | 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 |

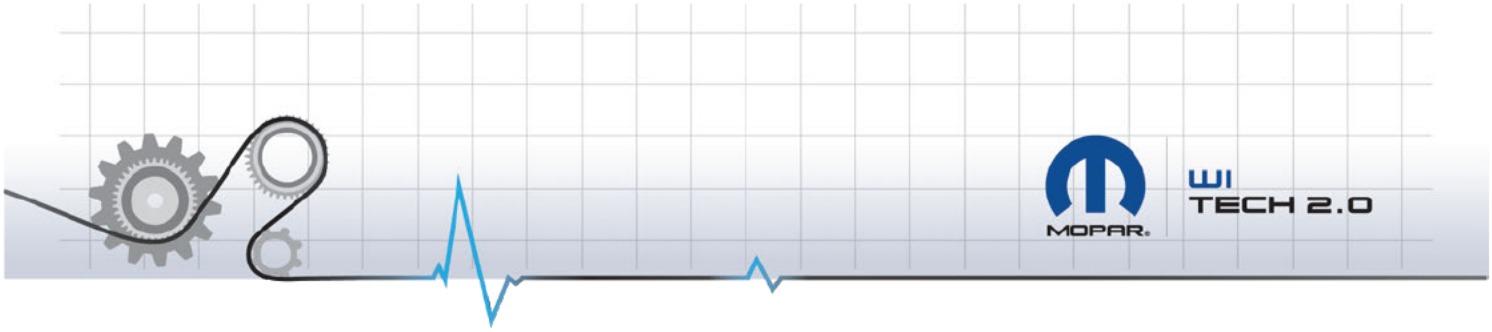
| | | |
|---|---|---|
| HCP ePT Wake-Up Output | On | |
| CBC Wake-Up Input | Off | |
| HCP System Shutdown Command | Default | |
| HV Battery Voltage from BPCM | 180.00 | Volts |
| SW Build Release Version | PIM_C19A_2003B0_RU_HCP__ | |
| HCP SW Version | C19A | |
| EPT LOC Diag Enable | Enable LOC 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** 2C4RC1L7[redacted]

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

## ECU SUMMARY INFO

| ECU | NAME | BUS TYPE | FLASH PART # | CURRENT [redacted] | ORIGINA [redacted] | PART # |
|---|---|---|---|---|---|---|
| PCM | Powertrain Control Module | CAN-C | 68444229AE | 2C4RC1L7 | 2C4RC1L | 68444229AE |
| ICS | Integrated Center Stack | CAN-I | 6UX601X8AA | 2C4RC1L7 | 2C4RC1L | 6UX601X8AA |
| RFH | Radio Frequency Hub | CAN-C | 68453559AB | 2C4RC1L7 | 2C4RC1L | 68453559AB |
| ESM | Electronic Shifter | CAN-C | 68240089AM | 2C4RC1L7 | 2C4RC1L | 68240089AM |
| ORC | Occupant Restraint | CAN-C | 68453076AD | 2C4RC1L7 | 2C4RC1L | 68453076AD |
| EPS | Electric Power Steering | CAN-C | 68460392AA | 2C4RC1L7 | 2C4RC1L | 68460392AA |
| ANC | Active Noise Cancelation | CAN-I | 68440556AB | 2C4RC1L7 | 2C4RC1L | 68440556AB |
| HVAC | Heat, Ventilation and A/C | CAN-I | 68447893AC | 2C4RC1L7 | 2C4RC1L | 68447893AC |
| DDM | Driver Door Module | CAN-I | 68424451AC | 2C4RC1L7 | 2C4RC1L | 68424451AC |
| PDM | Passenger Door Module | CAN-I | 68424450AC | 2C4RC1L7 | 2C4RC1L | 68424450AC |
| DMRL | Door Module Rear Left | CAN-I | 68225096AG | 2C4RC1L7 | 2C4RC1L | 68225096AG |
| DMRR | Door Module Rear Right | CAN-I | 68225096AG | 2C4RC1L7 | 2C4RC1L | 68225096AG |
| PSDML | Power Sliding Doors (Left) | CAN-I | 68369596AD | 2C4RC1L7 | 2C4RC1L | 68369596AD |
| PSDMR | Power Sliding Doors (Right) | CAN-I | 68369596AD | 2C4RC1L7 | 2C4RC1L | 68369596AD |
| PLGM | Power Liftgate | CAN-I | 68316094AF | ?????????? | ???????? | 68316094AF |
| CSWM | Comfort Seat Wheel Module | CAN-I | 68434910AC | 2C4RC1L7 | 2C4RC1L | 68434910AC |
| IPC | Instrument Panel Cluster | CAN-C | 68434956AD | 2C4RC1L7 | 2C4RC1L | 68434956AD |
| PTS | Parktronics | CAN-C | 68193772AJ | 2C4RC1L7 | 2C4RC1L | 68193772AJ |
| SCCM | Steering Column Control Module | CAN-C | 68360889AD | 2C4RC1L7 | 2C4RC1L | 68360889AD |
| BCM | Body Controller | CAN-C | 68424601AF | 2C4RC1L7 | 2C4RC1L | 68424601AF |
| RADIO | Radio | CAN-I | 68461768AD | 2C4RC1 | 2C4RC1L | 68461768AD |

| | | | | | | |
|---|---|---|---|---|---|---|
| OCM | Occupant Classification | CAN-C | 68403127AA | 2C4RC1L71L | 2C4RC1L71 | 68403127AA |
| HVACR | Heat, Ventilation and A/C Rear | CAN-I | 68373079AB | 2C4RC1L71L | 2C4RC1L71 | 68373079AB |
| LBSS | Left Blind Spot Sensor | CAN-I | 04672786AB | 2C4RC1L71L | 2C4RC1L71 | 04672786AB |
| RBSS | Right Blind Spot Sensor | CAN-I | 04672786AB | 2C4RC1L71L | 2C4RC1L71 | 04672786AB |
| APM | Accessory Power Module | CAN-C | 05185046AB | 2C4RC1L71L | 2C4RC1L71 | 05185046AB |
| BPCM | Battery Pack Control Module | CAN-C | 05193166AD | 2C4RC1L71L | 2C4RC1L71 | 05193166AD |
| HCP | Hybrid Control Processor | CAN-C | 05190289AC | 2C4RC1L71L | 2C4RC1L71 | 05190289AC |
| OBCM | On Board Charging Module | CAN-C | 05185047AE | 2C4RC1L71L | 2C4RC1L71 | 05185047AE |
| DSM | Display Screen Module | CAN-I | 68316175AC | 2C4RC1L71L | 2C4RC1L71 | 68316175AC |
| RCCC | Rear Cabin Comfort Controls | CAN-I | 6WL30PD2AA | 2C4RC1L71L | 2C4RC1L71 | 6WL30PD2AA |
| EAC | Electric A/C Compressor | CAN-C | 68237995AG | 2C4RC1L71L | 2C4RC1L71 | 68237995AG |
| AHCP | Auxiliary Hybrid Control Processor | CAN-C | 05190290AC | 2C4RC1L71L | 2C4RC1L71 | 05190290AC |
| EBBM | Electronic Brake Booster Module | CAN-C | 68461813AB | 2C4RC1L71L | 2C4RC1L71 | 68461813AB |
| ABSO | Anti Lock Brakes OBD | CAN-C | 68471122AD | 2C4RC1L71L | 2C4RC1L71 | 68471122AD |
| SGW | Security Gateway Module | CAN-C | 68447193AB | | 2C4RC1L71 | 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 | |

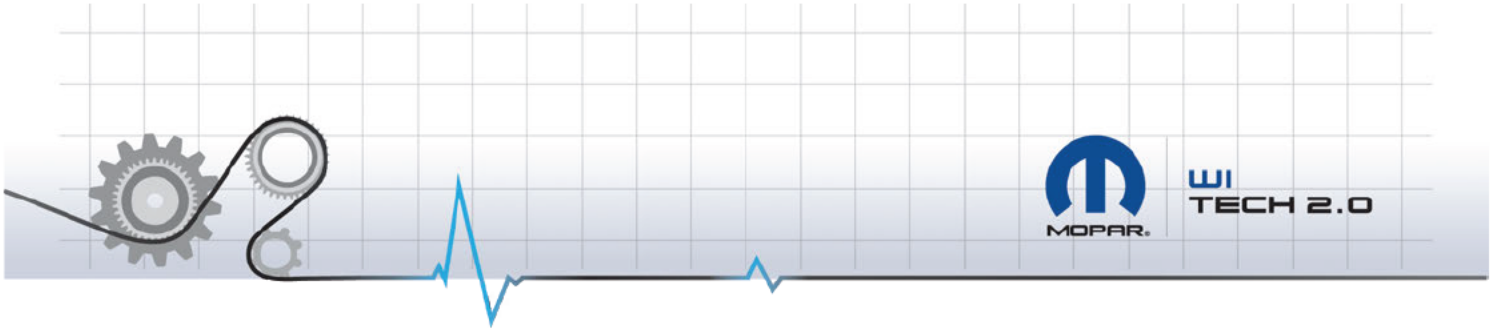
## RCCC CONFIGURATION

| 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** 2C4RC1L7[redacted]

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

## ECU SUMMARY INFO

| ECU | NAME | BUS TYPE | FLASH PART # | CURREN[redacted] | ORIGINAL[redacted] | PART # |
|---|---|---|---|---|---|---|
| PCM | Powertrain Control Module | CAN-C | 68444229AE | 2C4RC1L | 2C4RC1L71 | 68444229AE |
| ICS | Integrated Center Stack | CAN-I | 6UX601X8AA | 2C4RC1L | 2C4RC1L71 | 6UX601X8AA |
| RFH | Radio Frequency Hub | CAN-C | 68453559AB | 2C4RC1L | 2C4RC1L71 | 68453559AB |
| ESM | Electronic Shifter | CAN-C | 68240089AM | 2C4RC1L | 2C4RC1L71 | 68240089AM |
| ORC | Occupant Restraint | CAN-C | 68453076AD | 2C4RC1L | 2C4RC1L71 | 68453076AD |
| EPS | Electric Power Steering | CAN-C | 68460392AA | 2C4RC1L | 2C4RC1L71 | 68460392AA |
| ANC | Active Noise Cancelation | CAN-I | 68440556AB | 2C4RC1L | 2C4RC1L71 | 68440556AB |
| HVAC | Heat, Ventilation and A/C | CAN-I | 68447893AC | 2C4RC1L | 2C4RC1L71 | 68447893AC |
| DDM | Driver Door Module | CAN-I | 68424451AC | 2C4RC1L | 2C4RC1L71 | 68424451AC |
| PDM | Passenger Door Module | CAN-I | 68424450AC | 2C4RC1L | 2C4RC1L71 | 68424450AC |
| DMRL | Door Module Rear Left | CAN-I | 68225096AG | 2C4RC1L | 2C4RC1L71 | 68225096AG |
| DMRR | Door Module Rear Right | CAN-I | 68225096AG | 2C4RC1L | 2C4RC1L71 | 68225096AG |
| PSDML | Power Sliding Doors (Left) | CAN-I | 68369596AD | 2C4RC1L | 2C4RC1L71 | 68369596AD |
| PSDMR | Power Sliding Doors (Right) | CAN-I | 68369596AD | 2C4RC1L | 2C4RC1L71 | 68369596AD |
| PLGM | Power Liftgate | CAN-I | 68316094AF | 2C4RC1L | 2C4RC1L71 | 68316094AF |
| CSWM | Comfort Seat Wheel Module | CAN-I | 68434910AC | 2C4RC1L | 2C4RC1L71 | 68434910AC |
| IPC | Instrument Panel Cluster | CAN-C | 68434956AD | 2C4RC1L | 2C4RC1L71 | 68434956AD |
| PTS | Parktronics | CAN-C | 68193772AJ | 2C4RC1L | 2C4RC1L71 | 68193772AJ |
| SCCM | Steering Column Control Module | CAN-C | 68360889AD | 2C4RC1L | 2C4RC1L71 | 68360889AD |
| BCM | Body Controller | CAN-C | 68424601AF | 2C4RC1L | 2C4RC1L71 | 68424601AF |
| RADIO | Radio | CAN-I | 68461768AD | 2C4RC1 | 2C4RC1L71 | 68461768AD |

| | | | | | | |
|---|---|---|---|---|---|---|
| OCM | Occupant Classification | CAN-C | 68403127AA | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 68403127AA |
| HVACR | Heat, Ventilation and A/C Rear | CAN-I | 68373079AB | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 68373079AB |
| LBSS | Left Blind Spot Sensor | CAN-I | 04672786AB | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 04672786AB |
| RBSS | Right Blind Spot Sensor | CAN-I | 04672786AB | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 04672786AB |
| APM | Accessory Power Module | CAN-C | 05185046AB | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 05185046AB |
| BPCM | Battery Pack Control Module | CAN-C | 05193166AD | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 05193166AD |
| HCP | Hybrid Control Processor | CAN-C | 05190289AC | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 05190289AC |
| OBCM | On Board Charging Module | CAN-C | 05185047AE | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 05185047AE |
| DSM | Display Screen Module | CAN-I | 68316175AC | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 68316175AC |
| RCCC | Rear Cabin Comfort Controls | CAN-I | 6WL30PD2AA | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 6WL30PD2AA |
| EAC | Electric A/C Compressor | CAN-C | 68237995AG | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 68237995AG |
| AHCP | Auxiliary Hybrid Control Processor | CAN-C | 05190290AC | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 05190290AC |
| EBBM | Electronic Brake Booster Module | CAN-C | 68461813AB | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 68461813AB |
| ABSO | Anti Lock Brakes OBD | CAN-C | 68471122AD | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 68471122AD |
| SGW | Security Gateway Module | CAN-C | 68447193AB | [redacted] | 2C4RC1L7[redacted] | 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<br>04D8393A<br>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 |

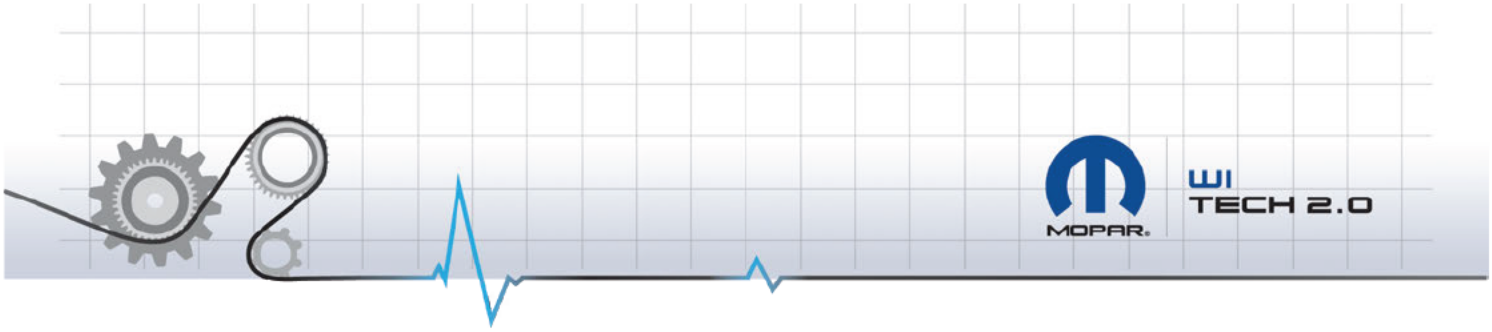
## SNAPSHOT DATA SUMMARY

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** 2C4RC1[redacted]

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

## ECU SUMMARY INFO

| ECU | NAME | BUS TYPE | FLASH PART # | CURRENT V[redacted] | ORIGINAL[redacted] | PART # |
|---|---|---|---|---|---|---|
| PCM | Powertrain Control Module | CAN-C | 68444229AE | 2C4RC1L7 | 2C4RC1L7 | 68444229AE |
| ICS | Integrated Center Stack | CAN-I | 6UX601X8AA | 2C4RC1L7 | 2C4RC1L7 | 6UX601X8AA |
| RFH | Radio Frequency Hub | CAN-C | 68453559AB | 2C4RC1L7 | 2C4RC1L7 | 68453559AB |
| ESM | Electronic Shifter | CAN-C | 68240089AM | 2C4RC1L7 | 2C4RC1L7 | 68240089AM |
| ORC | Occupant Restraint | CAN-C | 68453076AD | 2C4RC1L7 | 2C4RC1L7 | 68453076AD |
| EPS | Electric Power Steering | CAN-C | 68460392AA | 2C4RC1L7 | 2C4RC1L7 | 68460392AA |
| ANC | Active Noise Cancelation | CAN-I | 68440556AB | 2C4RC1L7 | 2C4RC1L7 | 68440556AB |
| HVAC | Heat, Ventilation and A/C | CAN-I | 68447893AC | 2C4RC1L7 | 2C4RC1L7 | 68447893AC |
| DDM | Driver Door Module | CAN-I | 68424451AC | 2C4RC1L7 | 2C4RC1L7 | 68424451AC |
| PDM | Passenger Door Module | CAN-I | 68424450AC | 2C4RC1L7 | 2C4RC1L7 | 68424450AC |
| DMRL | Door Module Rear Left | CAN-I | 68225096AG | 2C4RC1L7 | 2C4RC1L7 | 68225096AG |
| DMRR | Door Module Rear Right | CAN-I | 68225096AG | 2C4RC1L7 | 2C4RC1L7 | 68225096AG |
| PSDML | Power Sliding Doors (Left) | CAN-I | 68369596AD | 2C4RC1L7 | 2C4RC1L7 | 68369596AD |
| PSDMR | Power Sliding Doors (Right) | CAN-I | 68369596AD | 2C4RC1L7 | 2C4RC1L7 | 68369596AD |
| PLGM | Power Liftgate | CAN-I | 68316094AF | 2C4RC1L7 | 2C4RC1L7 | 68316094AF |
| CSWM | Comfort Seat Wheel Module | CAN-I | 68434910AC | 2C4RC1L7 | 2C4RC1L7 | 68434910AC |
| IPC | Instrument Panel Cluster | CAN-C | 68434956AD | 2C4RC1L7 | 2C4RC1L7 | 68434956AD |
| PTS | Parktronics | CAN-C | 68193772AJ | 2C4RC1L7 | 2C4RC1L7 | 68193772AJ |
| SCCM | Steering Column Control Module | CAN-C | 68360889AD | 2C4RC1L7 | 2C4RC1L7 | 68360889AD |
| BCM | Body Controller | CAN-C | 68424601AF | 2C4RC1L7 | 2C4RC1L7 | 68424601AF |
| RADIO | Radio | CAN-I | 68461768AD | 2C4RC1 | 2C4RC1L7 | 68461768AD |

| | | | | | | |
|---|---|---|---|---|---|---|
| OCM | Occupant Classification | CAN-C | 68403127AA | 2C4RC1L7 | 2C4RC1L71 | 68403127AA |
| HVACR | Heat, Ventilation and A/C Rear | CAN-I | 68373079AB | 2C4RC1L7 | 2C4RC1L71 | 68373079AB |
| LBSS | Left Blind Spot Sensor | CAN-I | 04672786AB | 2C4RC1L7 | 2C4RC1L71 | 04672786AB |
| RBSS | Right Blind Spot Sensor | CAN-I | 04672786AB | 2C4RC1L7 | 2C4RC1L71 | 04672786AB |
| APM | Accessory Power Module | CAN-C | 05185046AB | 2C4RC1L7 | 2C4RC1L71 | 05185046AB |
| BPCM | Battery Pack Control Module | CAN-C | 05193166AD | 2C4RC1L7 | 2C4RC1L71 | 05193166AD |
| HCP | Hybrid Control Processor | CAN-C | 05190289AC | 2C4RC1L7 | 2C4RC1L71 | 05190289AC |
| OBCM | On Board Charging Module | CAN-C | 05185047AE | 2C4RC1L7 | 2C4RC1L71 | 05185047AE |
| DSM | Display Screen Module | CAN-I | 68316175AC | 2C4RC1L7 | 2C4RC1L71 | 68316175AC |
| RCCC | Rear Cabin Comfort Controls | CAN-I | 6WL30PD2AA | 2C4RC1L7 | 2C4RC1L71 | 6WL30PD2AA |
| EAC | Electric A/C Compressor | CAN-C | 68237995AG | 2C4RC1L7 | 2C4RC1L71 | 68237995AG |
| AHCP | Auxiliary Hybrid Control Processor | CAN-C | 05190290AC | 2C4RC1L7 | 2C4RC1L71 | 05190290AC |
| EBBM | Electronic Brake Booster Module | CAN-C | 68461813AB | 2C4RC1L7 | 2C4RC1L71 | 68461813AB |
| ABSO | Anti Lock Brakes OBD | CAN-C | 68471122AD | 2C4RC1L7 | 2C4RC1L71 | 68471122AD |
| SGW | Security Gateway Module | CAN-C | 68447193AB | | 2C4RC1L71 | 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 |

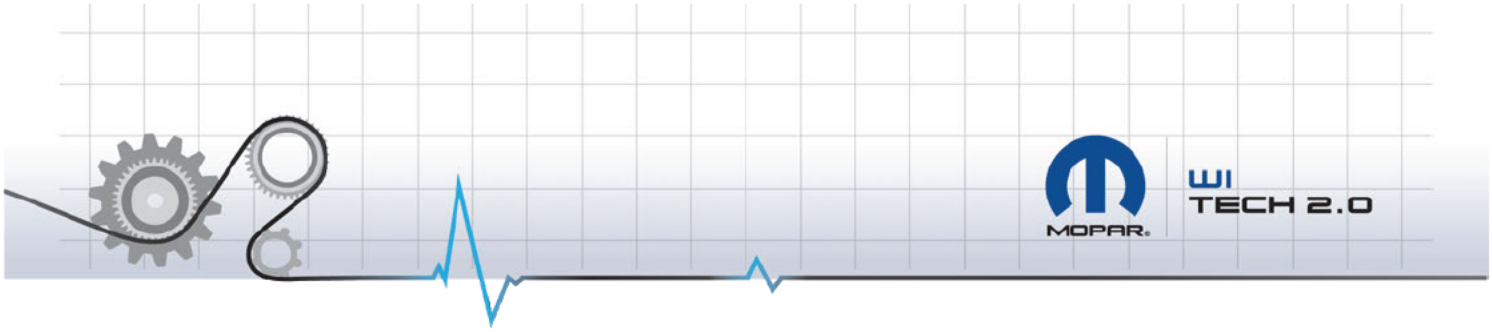
| | | |
|---|---|---|
| HV Battery Voltage from BPCM | 180.00 | Volts |
| Inverter B IGBT Temperature for phase A | 32 | °F |
| Outside Air Temperature | 77.9 | °F |
| Motor A Temp Sensor | 77 | °F |
| Electric Motor B Speed | 0.0 | rpm |
| Actual Torque - Motor B | 0.092 | Ft-Lbs |
| Inverter A IGBT 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** 2C4RC1L71[redacted]

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

## ECU SUMMARY INFO

| ECU | NAME | BUS TYPE | FLASH PART # | CURRENT | ORIGINAL | PART # |
|---|---|---|---|---|---|---|
| PCM | Powertrain Control Module | CAN-C | 68444229AE | 2C4RC1L7[redacted] | 2C4RC1L[redacted] | 68444229AE |
| ICS | Integrated Center Stack | CAN-I | 6UX601X8AA | 2C4RC1L7[redacted] | 2C4RC1L[redacted] | 6UX601X8AA |
| RFH | Radio Frequency Hub | CAN-C | 68453559AB | 2C4RC1L7[redacted] | 2C4RC1L[redacted] | 68453559AB |
| ESM | Electronic Shifter | CAN-C | 68240089AM | 2C4RC1L7[redacted] | 2C4RC1L[redacted] | 68240089AM |
| ORC | Occupant Restraint | CAN-C | 68453076AD | 2C4RC1L7[redacted] | 2C4RC1L[redacted] | 68453076AD |
| EPS | Electric Power Steering | CAN-C | 68460392AA | 2C4RC1L7[redacted] | 2C4RC1L[redacted] | 68460392AA |
| ANC | Active Noise Cancelation | CAN-I | 68440556AB | 2C4RC1L7[redacted] | 2C4RC1L[redacted] | 68440556AB |
| HVAC | Heat, Ventilation and A/C | CAN-I | 68447893AC | 2C4RC1L7[redacted] | 2C4RC1L[redacted] | 68447893AC |
| DDM | Driver Door Module | CAN-I | 68424451AC | 2C4RC1L7[redacted] | 2C4RC1L[redacted] | 68424451AC |
| PDM | Passenger Door Module | CAN-I | 68424450AC | 2C4RC1L7[redacted] | 2C4RC1L[redacted] | 68424450AC |
| DMRL | Door Module Rear Left | CAN-I | 68225096AG | 2C4RC1L7[redacted] | 2C4RC1L[redacted] | 68225096AG |
| DMRR | Door Module Rear Right | CAN-I | 68225096AG | 2C4RC1L7[redacted] | 2C4RC1L[redacted] | 68225096AG |
| PSDML | Power Sliding Doors (Left) | CAN-I | 68369596AD | 2C4RC1L7[redacted] | 2C4RC1L[redacted] | 68369596AD |
| PSDMR | Power Sliding Doors (Right) | CAN-I | 68369596AD | 2C4RC1L7[redacted] | 2C4RC1L[redacted] | 68369596AD |
| PLGM | Power Liftgate | CAN-I | 68316094AF | ?????????? | ????????? | 68316094AF |
| CSWM | Comfort Seat Wheel Module | CAN-I | 68434910AC | 2C4RC1L7[redacted] | 2C4RC1L[redacted] | 68434910AC |
| IPC | Instrument Panel Cluster | CAN-C | 68434956AD | 2C4RC1L7[redacted] | 2C4RC1L[redacted] | 68434956AD |
| PTS | Parktronics | CAN-C | 68193772AJ | 2C4RC1L7[redacted] | 2C4RC1L[redacted] | 68193772AJ |
| SCCM | Steering Column Control Module | CAN-C | 68360889AD | 2C4RC1L7[redacted] | 2C4RC1L[redacted] | 68360889AD |
| BCM | Body Controller | CAN-C | 68424601AF | 2C4RC1L7[redacted] | 2C4RC1L[redacted] | 68424601AF |
| RADIO | Radio | CAN-I | 68461768AD | 2C4RC1[redacted] | 2C4RC1L[redacted] | 68461768AD |

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|---|---|---|---|---|---|---|---|
| OCM | Occupant Classification | CAN-C | 68403127AA | 2C4RC1 | [redacted] | 2C4RC1L7 | 68403127AA |
| HVACR | Heat, Ventilation and A/C Rear | CAN-I | 68373079AB | 2C4RC1 | [redacted] | 2C4RC1L7 | 68373079AB |
| LBSS | Left Blind Spot Sensor | CAN-I | 04672786AB | 2C4RC1 | [redacted] | 2C4RC1L7 | 04672786AB |
| RBSS | Right Blind Spot Sensor | CAN-I | 04672786AB | 2C4RC1 | [redacted] | 2C4RC1L7 | 04672786AB |
| APM | Accessory Power Module | CAN-C | 05185046AB | 2C4RC1 | [redacted] | 2C4RC1L7 | 05185046AB |
| BPCM | Battery Pack Control Module | CAN-C | 05193166AD | 2C4RC1 | [redacted] | 2C4RC1L7 | 05193166AD |
| HCP | Hybrid Control Processor | CAN-C | 05190289AC | 2C4RC1 | [redacted] | 2C4RC1L7 | 05190289AC |
| OBCM | On Board Charging Module | CAN-C | 05185047AE | 2C4RC1 | [redacted] | 2C4RC1L7 | 05185047AE |
| DSM | Display Screen Module | CAN-I | 68316175AC | 2C4RC1 | [redacted] | 2C4RC1L7 | 68316175AC |
| RCCC | Rear Cabin Comfort Controls | CAN-I | 6WL30PD2AA | 2C4RC1 | [redacted] | 2C4RC1L7 | 6WL30PD2AA |
| EAC | Electric A/C Compressor | CAN-C | 68237995AG | 2C4RC1 | [redacted] | 2C4RC1L7 | 68237995AG |
| AHCP | Auxiliary Hybrid Control Processor | CAN-C | 05190290AC | 2C4RC1 | [redacted] | 2C4RC1L7 | 05190290AC |
| EBBM | Electronic Brake Booster Module | CAN-C | 68461813AB | 2C4RC1 | [redacted] | 2C4RC1L7 | 68461813AB |
| ABSO | Anti Lock Brakes OBD | CAN-C | 68471122AD | 2C4RC1 | [redacted] | 2C4RC1L7 | 68471122AD |
| SGW | Security Gateway Module | CAN-C | 68447193AB | | [redacted] | 2C4RC1L7 | 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 | |

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|---|---|---|---|---|---|
| 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<br>04D8393A<br>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 Shorted | 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

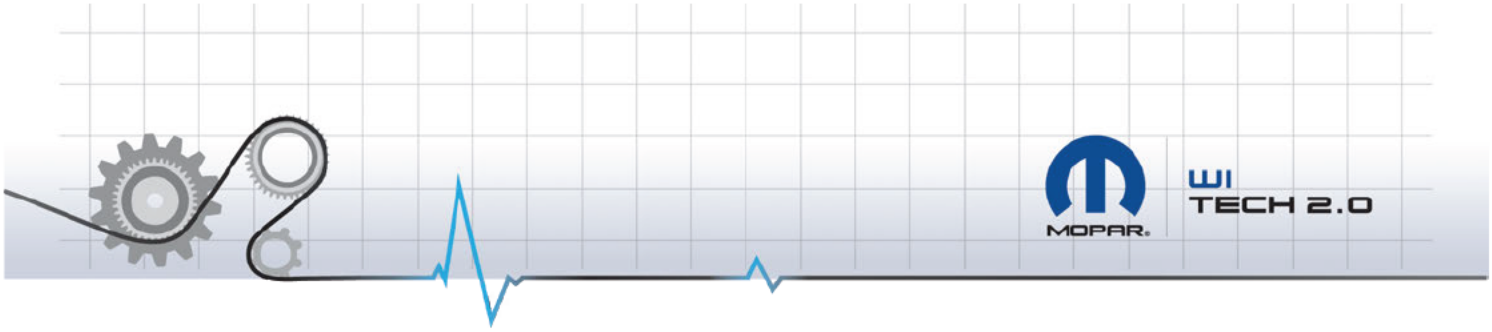
No Snapshot Data available for P0A78-00

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** 2C4RC1L7[redacted]

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

## ECU SUMMARY INFO

| ECU | NAME | BUS TYPE | FLASH PART # | CURREN[redacted] | ORIGINAL[redacted] | PART # |
|---|---|---|---|---|---|---|
| PCM | Powertrain Control Module | CAN-C | 68444229AE | 2C4RC1L | 2C4RC1L71 | 68444229AE |
| ICS | Integrated Center Stack | CAN-I | 6UX601X8AA | 2C4RC1L | 2C4RC1L71 | 6UX601X8AA |
| RFH | Radio Frequency Hub | CAN-C | 68453559AB | 2C4RC1L | 2C4RC1L71 | 68453559AB |
| ESM | Electronic Shifter | CAN-C | 68240089AM | 2C4RC1L | 2C4RC1L71 | 68240089AM |
| ORC | Occupant Restraint | CAN-C | 68453076AD | 2C4RC1L | 2C4RC1L71 | 68453076AD |
| EPS | Electric Power Steering | CAN-C | 68460392AA | 2C4RC1L | 2C4RC1L71 | 68460392AA |
| ANC | Active Noise Cancelation | CAN-I | 68440556AB | 2C4RC1L | 2C4RC1L71 | 68440556AB |
| HVAC | Heat, Ventilation and A/C | CAN-I | 68447893AC | 2C4RC1L | 2C4RC1L71 | 68447893AC |
| DDM | Driver Door Module | CAN-I | 68424451AC | 2C4RC1L | 2C4RC1L71 | 68424451AC |
| PDM | Passenger Door Module | CAN-I | 68424450AC | 2C4RC1L | 2C4RC1L71 | 68424450AC |
| DMRL | Door Module Rear Left | CAN-I | 68225096AG | 2C4RC1L | 2C4RC1L71 | 68225096AG |
| DMRR | Door Module Rear Right | CAN-I | 68225096AG | 2C4RC1L | 2C4RC1L71 | 68225096AG |
| PSDML | Power Sliding Doors (Left) | CAN-I | 68369596AD | 2C4RC1L | 2C4RC1L71 | 68369596AD |
| PSDMR | Power Sliding Doors (Right) | CAN-I | 68369596AD | 2C4RC1L | 2C4RC1L71 | 68369596AD |
| PLGM | Power Liftgate | CAN-I | 68316094AF | 2C4RC1L | 2C4RC1L71 | 68316094AF |
| CSWM | Comfort Seat Wheel Module | CAN-I | 68434910AC | 2C4RC1L | 2C4RC1L71 | 68434910AC |
| IPC | Instrument Panel Cluster | CAN-C | 68434956AD | 2C4RC1L | 2C4RC1L71 | 68434956AD |
| PTS | Parktronics | CAN-C | 68193772AJ | 2C4RC1L | 2C4RC1L71 | 68193772AJ |
| SCCM | Steering Column Control Module | CAN-C | 68360889AD | 2C4RC1L | 2C4RC1L71 | 68360889AD |
| BCM | Body Controller | CAN-C | 68424601AF | 2C4RC1L | 2C4RC1L71 | 68424601AF |
| RADIO | Radio | CAN-I | 68461768AD | 2C4RC1 | 2C4RC1L71 | 68461768AD |

| | | | | | | |
|---|---|---|---|---|---|---|
| OCM | Occupant Classification | CAN-C | 68403127AA | 2C4RC1L7 [redacted] | 2C4RC1L7 [redacted] | 68403127AA |
| HVACR | Heat, Ventilation and A/C Rear | CAN-I | 68373079AB | 2C4RC1L7 | 2C4RC1L7 | 68373079AB |
| LBSS | Left Blind Spot Sensor | CAN-I | 04672786AB | 2C4RC1L7 | 2C4RC1L7 | 04672786AB |
| RBSS | Right Blind Spot Sensor | CAN-I | 04672786AB | 2C4RC1L7 | 2C4RC1L7 | 04672786AB |
| APM | Accessory Power Module | CAN-C | 05185046AB | 2C4RC1L7 | 2C4RC1L7 | 05185046AB |
| BPCM | Battery Pack Control Module | CAN-C | 05193166AD | 2C4RC1L7 | 2C4RC1L7 | 05193166AD |
| HCP | Hybrid Control Processor | CAN-C | 05190289AC | 2C4RC1L7 | 2C4RC1L7 | 05190289AC |
| OBCM | On Board Charging Module | CAN-C | 05185047AE | 2C4RC1L7 | 2C4RC1L7 | 05185047AE |
| DSM | Display Screen Module | CAN-I | 68316175AC | 2C4RC1L7 | 2C4RC1L7 | 68316175AC |
| RCCC | Rear Cabin Comfort Controls | CAN-I | 6WL30PD2AA | 2C4RC1L7 | 2C4RC1L7 | 6WL30PD2AA |
| EAC | Electric A/C Compressor | CAN-C | 68237995AG | 2C4RC1L7 | 2C4RC1L7 | 68237995AG |
| AHCP | Auxiliary Hybrid Control Processor | CAN-C | 05190290AC | 2C4RC1L7 | 2C4RC1L7 | 05190290AC |
| EBBM | Electronic Brake Booster Module | CAN-C | 68461813AB | 2C4RC1L7 | 2C4RC1L7 | 68461813AB |
| ABSO | Anti Lock Brakes OBD | CAN-C | 68471122AD | 2C4RC1L7 | 2C4RC1L7 | 68471122AD |
| SGW | Security Gateway Module | CAN-C | 68447193AB | | 2C4RC1L7 [redacted] | 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 [redacted]

R/O Open Date 6/17/21

Work Phone

Time Received

# 2020 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENG

2C4RC[redacted]

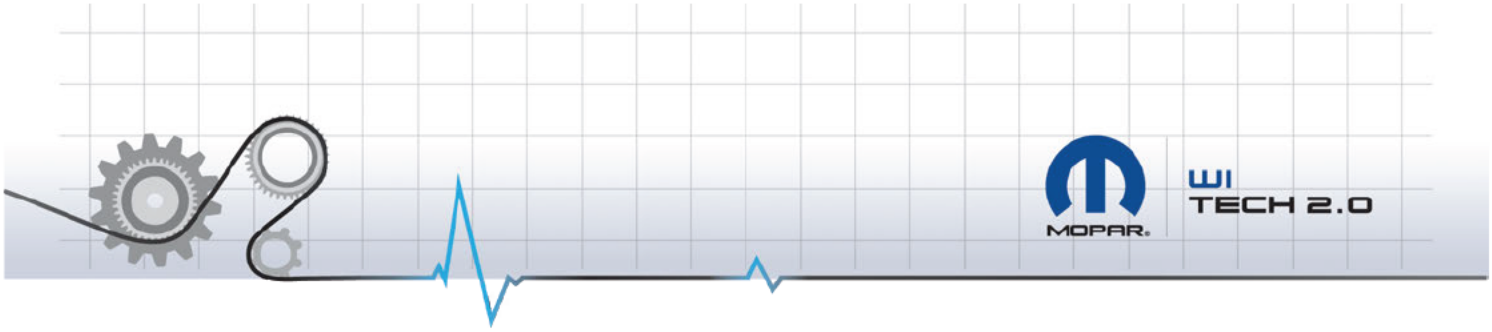
## Action Items

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** 2C4RC1L[redacted]

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

## ECU SUMMARY INFO

| ECU | NAME | BUS TYPE | FLASH PART # | CURRENT [redacted] | ORIGINAL [redacted] | PART # |
|---|---|---|---|---|---|---|
| PCM | Powertrain Control Module | CAN-C | 68444229AE | 2C4RC1L | 2C4RC1L7 | 68444229AE |
| ICS | Integrated Center Stack | CAN-I | 6UX601X8AA | 2C4RC1L | 2C4RC1L7 | 6UX601X8AA |
| RFH | Radio Frequency Hub | CAN-C | 68453559AB | 2C4RC1L | 2C4RC1L7 | 68453559AB |
| ESM | Electronic Shifter | CAN-C | 68240089AM | 2C4RC1L | 2C4RC1L7 | 68240089AM |
| ORC | Occupant Restraint | CAN-C | 68453076AD | 2C4RC1L | 2C4RC1L7 | 68453076AD |
| EPS | Electric Power Steering | CAN-C | 68460392AA | 2C4RC1L | 2C4RC1L7 | 68460392AA |
| ANC | Active Noise Cancelation | CAN-I | 68440556AB | 2C4RC1L | 2C4RC1L7 | 68440556AB |
| HVAC | Heat, Ventilation and A/C | CAN-I | 68447893AC | 2C4RC1L | 2C4RC1L7 | 68447893AC |
| DDM | Driver Door Module | CAN-I | 68424451AC | 2C4RC1L | 2C4RC1L7 | 68424451AC |
| PDM | Passenger Door Module | CAN-I | 68424450AC | 2C4RC1L | 2C4RC1L7 | 68424450AC |
| DMRL | Door Module Rear Left | CAN-I | 68225096AG | 2C4RC1L | 2C4RC1L7 | 68225096AG |
| DMRR | Door Module Rear Right | CAN-I | 68225096AG | 2C4RC1L | 2C4RC1L7 | 68225096AG |
| PSDML | Power Sliding Doors (Left) | CAN-I | 68369596AD | 2C4RC1L | 2C4RC1L7 | 68369596AD |
| PSDMR | Power Sliding Doors (Right) | CAN-I | 68369596AD | 2C4RC1L | 2C4RC1L7 | 68369596AD |
| PLGM | Power Liftgate | CAN-I | 68316094AF | 2C4RC1L | 2C4RC1L7 | 68316094AF |
| CSWM | Comfort Seat Wheel Module | CAN-I | 68434910AC | 2C4RC1L | 2C4RC1L7 | 68434910AC |
| IPC | Instrument Panel Cluster | CAN-C | 68434956AD | 2C4RC1L | 2C4RC1L7 | 68434956AD |
| PTS | Parktronics | CAN-C | 68193772AJ | 2C4RC1L | 2C4RC1L7 | 68193772AJ |
| SCCM | Steering Column Control Module | CAN-C | 68360889AD | 2C4RC1L | 2C4RC1L7 | 68360889AD |
| BCM | Body Controller | CAN-C | 68424601AF | 2C4RC1L | 2C4RC1L7 | 68424601AF |
| RADIO | Radio | CAN-I | 68461768AD | 2C4RC1 | 2C4RC1L7 | 68461768AD |

| | | | | | | |
|---|---|---|---|---|---|---|
| OCM | Occupant Classification | CAN-C | 68403127AA | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 68403127AA |
| HVACR | Heat, Ventilation and A/C Rear | CAN-I | 68373079AB | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 68373079AB |
| LBSS | Left Blind Spot Sensor | CAN-I | 04672786AB | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 04672786AB |
| RBSS | Right Blind Spot Sensor | CAN-I | 04672786AB | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 04672786AB |
| APM | Accessory Power Module | CAN-C | 05185046AB | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 05185046AB |
| BPCM | Battery Pack Control Module | CAN-C | 05193166AF | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 05193166AF |
| HCP | Hybrid Control Processor | CAN-C | 05190289AC | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 05190289AC |
| OBCM | On Board Charging Module | CAN-C | 05185047AE | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 05185047AE |
| DSM | Display Screen Module | CAN-I | 68316175AC | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 68316175AC |
| RCCC | Rear Cabin Comfort Controls | CAN-I | 6WL30PD2AA | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 6WL30PD2AA |
| EAC | Electric A/C Compressor | CAN-C | 68237995AG | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 68237995AG |
| AHCP | Auxiliary Hybrid Control Processor | CAN-C | 05190290AC | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 05190290AC |
| EBBM | Electronic Brake Booster Module | CAN-C | 68461813AB | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 68461813AB |
| ABSO | Anti Lock Brakes OBD | CAN-C | 68471122AD | 2C4RC1L[redacted] | 2C4RC1L7[redacted] | 68471122AD |
| SGW | Security Gateway Module | CAN-C | 68447193AB | [redacted] | 2C4RC1L7[redacted] | 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

2C4RC1[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 | 15.30 | mA | Sensors |

2020 CHRYSLER PACIFICA (PHEV) 3.6L V6 HYBRID ENGINE
2C4RCTL[redacted]

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 |