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## CONFIGURATION REPORT

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

**Odometer** 13104.4 miles  
**Publication Date** Jul 20, 2022, 1:35:16 PM

## ECU SUMMARY INFO

| ECU   | NAME                           | BUS TYPE | FLASH PART # | CURRENT VIN | ORIGINAL VIN | PART #     |
|-------|--------------------------------|----------|--------------|-------------|--------------|------------|
| PCM   | Powertrain Control Module      | CAN-C    | 68499122AF   | [REDACTED]  | [REDACTED]   | 68499122AF |
| PLGM  | Power Liftgate                 | CAN-I    | 68466171AI   |             |              | 68466171AI |
| ICS   | Integrated Center Stack        | CAN-I    | 7AS341X8AA   |             |              | 7AS341X8AA |
| RFH   | Radio Frequency Hub            | CAN-C    | 68500152AA   |             |              | 68500152AA |
| ESM   | Electronic Shifter             | CAN-C    | 68240089AN   |             |              | 68240089AN |
| ORC   | Occupant Restraint             | CAN-C    | 68526665AB   |             |              | 68526665AB |
| EPS   | Electric Power Steering        | CAN-C    | 68460392AA   |             |              | 68460392AA |
| HVAC  | Heat, Ventilation and A/C      | CAN-I    | 68493454AE   |             |              | 68493454AE |
| DDM   | Driver Door Module             | CAN-I    | 68496463AB   |             |              | 68496463AB |
| PDM   | Passenger Door Module          | CAN-I    | 68496462AB   |             |              | 68496462AB |
| DMRL  | Door Module Rear Left          | CAN-I    | 68508894AB   |             |              | 68508894AB |
| DMRR  | Door Module Rear Right         | CAN-I    | 68508894AB   |             |              | 68508894AB |
| PSDML | Power Sliding Doors (Left)     | CAN-I    | 68369596AD   |             |              | 68369596AD |
| PSDMR | Power Sliding Doors (Right)    | CAN-I    | 68369596AD   |             |              | 68369596AD |
| MSM   | Memory Seat Module             | CAN-I    | 68321862AC   |             |              | 68321862AC |
| CSWM  | Comfort Seat Wheel Module      | CAN-I    | 68517011AB   |             |              | 68517011AB |
| AMP   | Amplifier                      | CAN-I    | 68549088AA   |             |              | 68549088AA |
| IPC   | Instrument Panel Cluster       | CAN-C    | 68434960AF   |             |              | 68434960AF |
| PTS   | Parktronics                    | CAN-C    | 68485862AB   |             |              | 68485862AB |
| SCCM  | Steering Column Control Module | CAN-C    | 68531525AA   |             |              | 68531525AA |
| BCM   | Body Controller                | CAN-C    | 68491085AG   |             |              | 68491085AG |

|       |                                    |       |            |  |            |
|-------|------------------------------------|-------|------------|--|------------|
| ACC   | Adaptive Cruise Control            | CAN-C | 68540436AC |  | 68540436AC |
| RADIO | Radio                              | CAN-I | 68465292AE |  | 68465292AE |
| OCM   | Occupant Classification            | CAN-C | 68403127AA |  | 68403127AA |
| HVACR | Heat, Ventilation and A/C Rear     | CAN-I | 68373079AB |  | 68373079AB |
| LBSS  | Left Blind Spot Sensor             | CAN-I | 04672786AC |  | 04672786AC |
| RBSS  | Right Blind Spot Sensor            | CAN-I | 04672786AC |  | 04672786AC |
| FFCM  | Forward Facing Camera Module       | CAN-C | 68551091AA |  | 68551091AA |
| APM   | Accessory Power Module             | CAN-C | 05185046AB |  | 05185046AB |
| BPCM  | Battery Pack Control Module        | CAN-C | 05193183AF |  | 05193183AF |
| HCP   | Hybrid Control Processor           | CAN-C | 05185116AJ |  | 05185116AJ |
| OBCM  | On Board Charging Module           | CAN-C | 05185047AE |  | 05185047AE |
| MSMP  | Memory Seat Module - Passenger     | CAN-I | 68321862AC |  | 68321862AC |
| DSM   | Display Screen Module              | CAN-I | 68438382AF |  | 68438382AF |
| RCCC  | Rear Cabin Comfort Controls        | CAN-I | 6WL30PD2AA |  | 6WL30PD2AA |
| CVPM  | Central vision processing module   | CAN-I | 56029920AB |  | 56029920AB |
| EAC   | Electric A/C Compressor            | CAN-C | 68237995AG |  | 68237995AG |
| AHCP  | Auxiliary Hybrid Control Processor | CAN-C | 05185117AJ |  | 05185117AJ |
| EBBM  | Electronic Brake Booster Module    | CAN-C | 68461813AB |  | 68461813AB |
| ABSO  | Anti Lock Brakes OBD               | CAN-C | 68471122AD |  | 68471122AD |
| SGW   | Security Gateway Module            | CAN-C | 68488429AB |  | 68488429AB |
| TBM2  | Telematic Box Module 2             | CAN-C | 68444865AH |  | 68444865AH |

### ECU SUMMARY INFO (CONT...)

| ECU  | COUNTRY CODE | HARDWARE VERSION | SOFTWARE VERSION | IDENT        | SERIAL NUMBER | CVNS |
|------|--------------|------------------|------------------|--------------|---------------|------|
| PCM  | USA          | 1B 47            | 75 02 00         | 4422         |               |      |
| PLGM | USA          | 0                | 5084             | 000200000031 |               |      |
| ICS  | USA          | 0F 0C 00         | 13 31 01         | 4700         |               |      |
| RFH  | USA / USA    | 10 17 00         | 13 26 00         | 4A00         |               |      |
| ESM  | USA / USA    | 13 02 00         | 14 23 FF         | 4402         |               |      |
| ORC  | USA / USA    | 14 06 00         | 14 12 00         | 4301         |               |      |
| EPS  | USA / USA    | 12 2A 00         | 12 1E 01         | 4502         |               |      |

|       |           |          |          |              |
|-------|-----------|----------|----------|--------------|
| HVAC  | USA       | 0E 09 00 | 14 2F 01 | 4401         |
| DDM   | USA       | 11 07 00 | 14 07 00 | 4202         |
| PDM   | USA       | 11 07 00 | 14 07 00 | 4202         |
| DMRL  | USA / USA | 10 0B 00 | 14 08 00 | 4201         |
| DMRR  | USA / USA | 10 0B 00 | 14 08 00 | 4201         |
| PSDML | USA / USA | 10 17 00 | 14 10 12 | 4001         |
| PSDMR | USA / USA | 10 17 00 | 14 10 12 | 4001         |
| MSM   | USA       | 0F 2B 00 | 10 27 03 | 4101         |
| CSWM  | USA       | 11 2A 00 | 14 25 00 | 4302         |
| AMP   | USA       | 21 01 01 | 15 16 00 | 4030         |
| IPC   | USA / USA | 12 06 00 | 14 34 00 | 4705         |
| PTS   | USA       | 0E 32 00 | 15 05 00 | 4311         |
| SCCM  | USA       | 13 28 00 | 13 29 00 | 4301         |
| BCM   | USA       | 0D 11 00 | 14 26 90 | 4420         |
| ACC   | USA / USA | 14 2A 01 | 15 23 02 | 4400         |
| RADIO |           | 65       | 5671     | 000200000008 |
| OCM   | USA / USA | 11 1F 01 | 0E 2F 02 | 4030         |
| HVACR | USA       | 0E 09 00 | 10 03 02 | 4301         |
| LBSS  | USA / USA | 11 30 02 | 15 08 00 | 4202         |
| RBSS  | USA / USA | 11 30 02 | 15 08 00 | 4202         |
| FFCM  | USA / USA | 11 06 00 | 15 0C 00 | 4102         |
| APM   | USA / USA | 11 32 00 | 11 32 00 | 4001         |
| BPCM  |           | 0E 03 00 | 15 07 00 | 4005         |
| HCP   | USA       | 11 1F 04 | 0F 2D 00 | 4006         |
| OBCM  | USA       | 0F 0D 00 | 12 02 00 | 4002         |
| MSMP  | USA       | 0F 2B 00 | 10 27 03 | 4001         |
| DSM   | USA / USA | 14 0C 00 | 15 06 00 | 4300         |
| RCCC  | USA       | 0F 1D 00 | 13 04 00 | 4000         |
| CVPM  | USA / USA | 11 27 01 | 14 0C 01 | 4004         |
| EAC   | USA       | 0E 34 00 | 12 0F 00 | 4102         |
| AHCP  | USA       | 11 1F 04 | 0F 2D 00 | 4000         |
| EBBM  | USA       | 0E 19 02 | 14 0D 18 | 4000         |
| ABSO  | USA       | 0E 15 02 | 14 1B 26 | 4201         |
| SGW   |           | 5        | 969      | 4103         |
| TBM2  | USA       | 13 0E 02 | 14 2A 5F | 4104         |

## CONFIGURATION

### PCM CONFIGURATION

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

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

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

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

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



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

## ICS CONFIGURATION

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

## RFH CONFIGURATION

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

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

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

## ORC CONFIGURATION

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

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

## EPS CONFIGURATION

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

## HVAC CONFIGURATION

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

HVAC Configuration

Dual Zone ATC + Rear

**PDM CONFIGURATION**

| NAME             | VALUE | UNITS |
|------------------|-------|-------|
| Frameless Window | False |       |

**PSDML CONFIGURATION**

| NAME        | VALUE | UNITS |
|-------------|-------|-------|
| VSIM Status | False |       |

**PSDMR CONFIGURATION**

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

**MSM CONFIGURATION**

| NAME              | VALUE | UNITS |
|-------------------|-------|-------|
| Adjustable Pedals | False |       |
| Telescope/Tilt    | False |       |

**CSWM CONFIGURATION**

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

**AMP CONFIGURATION**

| NAME                                 | VALUE                                 | UNITS |
|--------------------------------------|---------------------------------------|-------|
| ANC Calibration Date - Year          | 16                                    |       |
| ANC Calibration Date - Week          | 24                                    |       |
| ANC Calibration Date - Patch Level   | 0                                     |       |
| Current ANC Calibration ID - Service | RU PHEV 3.6L: Steel Roof & Alpine AMP |       |
| ANC Status                           | Off - Window Mute                     |       |
| Surround Sound Activated             | Not Set                               |       |
| Door Module - Left Front             | Present                               |       |
| Door Module - Left Rear              | Present                               |       |

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

## IPC CONFIGURATION

| NAME          | VALUE | UNITS |
|---------------|-------|-------|
| PHEV          | True  |       |
| Rear Fog Lamp | False |       |

## PTS CONFIGURATION

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

## SCCM CONFIGURATION

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

## BCM CONFIGURATION

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

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

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



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

|                                                                                                    |                                |         |
|----------------------------------------------------------------------------------------------------|--------------------------------|---------|
| Secondary Lock Present                                                                             | Not Set                        |         |
| Liftgate/Trunk Type                                                                                | Power Liftgate                 |         |
| Collision Mitigation System present                                                                | Set                            |         |
| Forward Collision Warning present                                                                  | Set                            |         |
| Base TPM system present                                                                            | Not Set                        |         |
| Premium TPM system present                                                                         | Set                            |         |
| Paddle Shift Feature Present                                                                       | Not Set                        |         |
| Sport Mode Present                                                                                 | Not Set                        |         |
| Auto Park Present                                                                                  | Set                            |         |
| Passive Entry Present                                                                              | Set                            |         |
| Keyless Go Present                                                                                 | Set                            |         |
| Transfer Case High Ratio                                                                           | 1.000                          | No Unit |
| Axle Ratio                                                                                         | 3.251                          |         |
| Transfer Case Low Range Reduction Ratio                                                            | 0.000                          |         |
| Dynamic Tire Circumference (All or Rear)                                                           | 89                             | inch    |
| Analog Door Sensor Configuration                                                                   | Driver Door Only Analog Sensor |         |
| Air Quality System Present                                                                         | Not Set                        |         |
| Steering Ratio at Negative Angle 1                                                                 | 0.0                            | No Unit |
| Connector G Pin 9: Ambient Light Dimmer Wheel Input Present                                        | Set                            |         |
| Connector A Pin 3/Connector D Pin 2: Low Beam Output Present                                       | Set                            |         |
| Connector E Pin 29: Rear Wiper Motor Park Signal Present                                           | Set                            |         |
| Connector F Pin 9: Analog Door Ajar Signal Front Driver Present                                    | Set                            |         |
| Connector F Pin 23: Door Lock Switch Signal Front Passenger Present                                | Set                            |         |
| Connector F Pin 29: Horn Switch Present                                                            | Set                            |         |
| Connector A Pin 11: Hood Ajar Switch Input Present                                                 | Set                            |         |
| Connector F Pin 8 : Liftgate Release Outside Handle Switch Present                                 | Not Set                        |         |
| Connector E Pin 5: PHEV Fuel Door Switch Input                                                     | Set                            |         |
| Connector F Pin 6: Fuel Door Motor Output Signal Present                                           | Set                            |         |
| Connector D Pin 7: Stop/Turn Trailer Tow Right Output Present                                      | Not Set                        |         |
| Connector D Pin 9: Trailer Tow Backup Output Present                                               | Not Set                        |         |
| Connector D Pin 10: Trailer Tow Tail Lamp Output Present                                           | Not Set                        |         |
| Connector D Pin 11: Stop/Turn Trailer Tow Left Output Present                                      | Not Set                        |         |
| Connector D Pin 12: PHEV ECM Hardwire Wake Up Output Present                                       | Set                            |         |
| Connector E Pin 34: Vacuum Cleaner Relay Output Present                                            | Not Set                        |         |
| Connector G Pin 24 (Internally tied to Connector F Pin 7): Ambient Lighting Output                 | Not Set                        |         |
| Connector F Pin 35: Inverter Enable Relay Output Present                                           | Not Set                        |         |
| Connector E Pin 39/Connector F Pin 5: Rear Fog Lamps Output Present                                | Not Set                        |         |
| Connector E Pin 4/Connector F Pin 32: Rear Park Lamps Output Present                               | Set                            |         |
| Connector E Pin 3/Connector F Pin 42: Rear Turn Lamps Output Present                               | Not Set                        |         |
| Connector E Pin 48 (Tied internally to Connector A Pin16): Rear Wiper Motor Control Output Present | Set                            |         |
| Connector E Pin 9: Run-ACC Y Relay #2 Output Present                                               | Set                            |         |
| Connector A Pin 10/Connector D Pin 5: Side Markers Output Present                                  | Set                            |         |
| Connector E Pin 8: PHEV HCP Hardwire Wakeup                                                        | Set                            |         |

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

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

|                                            |                                                 |      |
|--------------------------------------------|-------------------------------------------------|------|
| Mirror turn signals present                | Set                                             |      |
| Driver Memory Mirrors Present              | Not Set                                         |      |
| Passenger Memory Mirror Present            | Not Set                                         |      |
| Electro-chromatic driver mirror present    | Not Set                                         |      |
| Electro-chromatic passenger mirror present | Not Set                                         |      |
| Tow Mirror Present                         | Not Set                                         |      |
| Blindspot Mirror Present                   | Set                                             |      |
| Window Motor Type                          | Not Set                                         |      |
| Window Hall Sensors Present                | Not Set                                         |      |
| Frameless Window Present                   | Not Set                                         |      |
| Memory Adjustable Pedals Present           | Not Set                                         |      |
| Tilt/Telescope Steering Present            | Not Set                                         |      |
| Driver Memory Seat Present                 | Set                                             |      |
| Stow 'n Assist Present - Driver            | Set                                             |      |
| Stow 'n Assist Present - Passenger         | Set                                             |      |
| Rear Heated Seats Present                  | Not Present                                     |      |
| Front Vented Seats Present                 | Not Present                                     |      |
| Heated Steering Wheel Present              | Present                                         |      |
| Heated Seat Material Type                  | Perforated Leather                              |      |
| Heated Wheel Material Type                 | Full Leather                                    |      |
| Brake System ECU Configuration A           | value 0                                         |      |
| ECO Mode Configuration                     | Remember Previous State with Ignition Key Cycle |      |
| Dual Alternator Present                    | Not Set                                         |      |
| ODS Present                                | False                                           |      |
| Driver Kneebag Present                     | True                                            |      |
| Passenger Kneebag Present                  | True                                            |      |
| Curtain Airbags Present                    | True                                            |      |
| Tow Hooks Present                          | False                                           |      |
| Passive Ped Pro Present                    | False                                           |      |
| 1st Row Seat Side Airbags Present          | True                                            |      |
| Integrated EPP Present                     | False                                           |      |
| BUX Market                                 | False                                           |      |
| Front Park/Turn Voltage                    | Park to Turn ratio 55 Percent                   |      |
| Auto Headlamp On Threshold                 | 3.31409                                         | Volt |
| Auto Headlamp Off Threshold                | 2.54930                                         | Volt |
| Left Low Beam Voltage Regulation           | 13.6 Volts                                      |      |
| Left High Beam Voltage Regulation          | 13.6 Volts                                      |      |
| Right Low Beam Voltage Regulation          | 14 Volts                                        |      |
| Right High Beam Voltage Regulation         | 13.8 Volts                                      |      |
| Left Front Corner Voltage                  | 13.2 Volts                                      |      |
| Right Front Corner Voltage                 | 13.4 Volts                                      |      |
| Left Rear Corner Voltage                   | 14 Volts                                        |      |
| Right Rear Corner Voltage                  | 14 Volts                                        |      |
| Alert no Reply                             | Set                                             |      |

|                                                          |                                               |         |
|----------------------------------------------------------|-----------------------------------------------|---------|
| Alert On System Fault                                    | Set                                           |         |
| Alert On Search Timeout                                  | Set                                           |         |
| Panic Enable                                             | Set                                           |         |
| Compass Mounting Orientation                             | Rightside up                                  |         |
| Washer Fluid Level Voltage Threshold                     | 4.46 volts                                    |         |
| Fobik Safe Alerts Per Ignition Cycle                     | 2                                             |         |
| IBS Present                                              | Set                                           |         |
| OHC Module Present                                       | Set                                           |         |
| Humidity Sensor Present                                  | Set                                           |         |
| HFRM Present                                             | Not Set                                       |         |
| Auto Relock Time                                         | 60                                            | seconds |
| VTA System Present                                       | VTA                                           |         |
| Illuminated Approach Interior Lighting Target Percentage | 100(50%)                                      |         |
| Illuminated Approach Headlamp Target Percentage          | 125 (62.5%)                                   |         |
| Illuminated Approach Taillamp Target Percentage          | 125 (62.5%)                                   |         |
| Illuminated Approach Interior Lighting Ramp Up Time      | 130(2600ms)                                   |         |
| CRVMM Present                                            | Set                                           |         |
| EVIC SWS Module Present                                  | Set                                           |         |
| Compass Mounting Angle                                   | 0                                             | Degree  |
| IBS Activate MWU                                         | Not Set                                       |         |
| Battery Types                                            | SNA                                           |         |
| IBS Quiescence Current Limit                             | -250                                          | mA      |
| IBS Minimum Voltage Limit                                | 5.0                                           | Volts   |
| IBS Minimal Charge Limit                                 | 10                                            | AmpHrs  |
| Battery Type II                                          | 22                                            |         |
| IBS Minimum Charge Limit                                 | 600                                           | mA      |
| Connector F Pin 41: Backup-Reverse lamp Left             | Not Set                                       |         |
| Connector E Pin 1: Backup-Reverse lamp Right             | Set                                           |         |
| Connector F Pin 5: Left Rear Fog Lamp                    | Output Disable                                |         |
| Connector E Pin 39: Right Rear Fog Lamp                  | Output Disable                                |         |
| Connector F Pin 42: Right Rear Turn Signal               | Right Rear Turn Signal                        |         |
| Connector E Pin 3: Left Rear Turn Signal                 | Left Rear Turn Signal                         |         |
| Connector D Pin 1: Left High Beam Feed                   | AUX High Beam                                 |         |
| Connector A Pin 2: Right High Beam Feed                  | AUX High Beam                                 |         |
| Connector F Pin 25: Left Rear Turn Lamp Fault Sense      | Disable                                       |         |
| Connector F Pin 28: Right Rear Turn Lamp Fault Sense     | Disable                                       |         |
| Connector F Pin 27: Left Sliding Door Ajar               | Left Sliding Door Ajar                        |         |
| Connector F Pin 4: Liftgate Release                      | Trunk/Liftgate Release                        |         |
| Connector F Pin 31: Right Sliding Door Ajar              | Right Sliding Door Ajar                       |         |
| Connector D Pin 21: Brake Fluid Level Switch             | no parallel resistor                          |         |
| Connector D Pin 12: PHEV ECM Hardwire Wake Up            | Engine Control Module Wake up (PHEV only)     |         |
| Connector F Pin 29: Horn Switch Input                    | Horn Switch Input                             |         |
| Connector A Pin 11: Hood Ajar Switch Signal              | 500 ohm series and 500 ohm parallel resistors |         |

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

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



|                                             |                   |  |
|---------------------------------------------|-------------------|--|
| Auto Highbeam                               | Set               |  |
| Sound Horn on Remote Start                  | Not Set           |  |
| Sound Horn On Lock Status                   | No horn chirp/OFF |  |
| Rear View Camera Static Grid Lines Enabled  | Not Set           |  |
| Rear View Camera Dynamic Grid Lines Enabled | Not Set           |  |

## RADIO CONFIGURATION

| NAME                                          | VALUE        | UNITS   |
|-----------------------------------------------|--------------|---------|
| Satellite Subscription Status                 | 58           |         |
| Reason Code                                   | 58           |         |
| Suspend Day                                   | 5A           |         |
| Suspend Month                                 | 44           |         |
| Suspend Year                                  | 30           |         |
| Distortion Limiting                           | Off          |         |
| Clock Defeat                                  | On           |         |
| Stereo Blend                                  | Off          |         |
| High Cut                                      | Off          |         |
| Automated Loudness                            | Off          |         |
| Anti-Theft Enable Status                      | On           |         |
| 12/24 Time Selection                          | 12 Hour Time |         |
| Front Seat Video Playback                     | Enabled      |         |
| Cabin EQ Curve Number Currently Used by Radio | 223          | events  |
| Splash Screen                                 | Automatic    |         |
| USB Hubs Detected                             | 3            | No Unit |
| SD Card Readers Detected                      | 0            | No Unit |
| Enumerated USB Devices                        | 0            | No Unit |
| Aux Jack                                      | Not Inserted |         |

## HVACR CONFIGURATION

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

## LBSS CONFIGURATION

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

**RBSS CONFIGURATION**

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

**FFCM CONFIGURATION**

| NAME              | VALUE          | UNITS |
|-------------------|----------------|-------|
| HIL mode Enabled  | False          |       |
| Traceability info | 22212920040418 |       |
| Traceability info | 22212970033002 |       |
| XCP Enabled       | False          |       |

**RCCC CONFIGURATION**

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

**ABSO CONFIGURATION**

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



## VEHICLE SCAN REPORT

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

**Odometer** 13104.4 miles  
**Publication Date** Jul 20, 2022, 1:34:58 PM

## ECU SUMMARY INFO

| ECU   | NAME                           | BUS TYPE | FLASH PART # | CURRENT VIN | ORIGINAL VIN | PART #     |
|-------|--------------------------------|----------|--------------|-------------|--------------|------------|
| PCM   | Powertrain Control Module      | CAN-C    | 68499122AF   | [REDACTED]  | [REDACTED]   | 68499122AF |
| PLGM  | Power Liftgate                 | CAN-I    | 68466171AI   |             |              | 68466171AI |
| ICS   | Integrated Center Stack        | CAN-I    | 7AS341X8AA   |             |              | 7AS341X8AA |
| RFH   | Radio Frequency Hub            | CAN-C    | 68500152AA   |             |              | 68500152AA |
| ESM   | Electronic Shifter             | CAN-C    | 68240089AN   |             |              | 68240089AN |
| ORC   | Occupant Restraint             | CAN-C    | 68526665AB   |             |              | 68526665AB |
| EPS   | Electric Power Steering        | CAN-C    | 68460392AA   |             |              | 68460392AA |
| HVAC  | Heat, Ventilation and A/C      | CAN-I    | 68493454AE   |             |              | 68493454AE |
| DDM   | Driver Door Module             | CAN-I    | 68496463AB   |             |              | 68496463AB |
| PDM   | Passenger Door Module          | CAN-I    | 68496462AB   |             |              | 68496462AB |
| DMRL  | Door Module Rear Left          | CAN-I    | 68508894AB   |             |              | 68508894AB |
| DMRR  | Door Module Rear Right         | CAN-I    | 68508894AB   |             |              | 68508894AB |
| PSDML | Power Sliding Doors (Left)     | CAN-I    | 68369596AD   |             |              | 68369596AD |
| PSDMR | Power Sliding Doors (Right)    | CAN-I    | 68369596AD   |             |              | 68369596AD |
| MSM   | Memory Seat Module             | CAN-I    | 68321862AC   |             |              | 68321862AC |
| CSWM  | Comfort Seat Wheel Module      | CAN-I    | 68517011AB   |             |              | 68517011AB |
| AMP   | Amplifier                      | CAN-I    | 68549088AA   |             |              | 68549088AA |
| IPC   | Instrument Panel Cluster       | CAN-C    | 68434960AF   |             |              | 68434960AF |
| PTS   | Parktronics                    | CAN-C    | 68485862AB   |             |              | 68485862AB |
| SCCM  | Steering Column Control Module | CAN-C    | 68531525AA   |             |              | 68531525AA |
| BCM   | Body Controller                | CAN-C    | 68491085AG   |             |              | 68491085AG |

|       |                                    |       |            |  |            |
|-------|------------------------------------|-------|------------|--|------------|
| ACC   | Adaptive Cruise Control            | CAN-C | 68540436AC |  | 68540436AC |
| RADIO | Radio                              | CAN-I | 68465292AE |  | 68465292AE |
| OCM   | Occupant Classification            | CAN-C | 68403127AA |  | 68403127AA |
| HVACR | Heat, Ventilation and A/C Rear     | CAN-I | 68373079AB |  | 68373079AB |
| LBSS  | Left Blind Spot Sensor             | CAN-I | 04672786AC |  | 04672786AC |
| RBSS  | Right Blind Spot Sensor            | CAN-I | 04672786AC |  | 04672786AC |
| FFCM  | Forward Facing Camera Module       | CAN-C | 68551091AA |  | 68551091AA |
| APM   | Accessory Power Module             | CAN-C | 05185046AB |  | 05185046AB |
| BPCM  | Battery Pack Control Module        | CAN-C | 05193183AF |  | 05193183AF |
| HCP   | Hybrid Control Processor           | CAN-C | 05185116AJ |  | 05185116AJ |
| OBCM  | On Board Charging Module           | CAN-C | 05185047AE |  | 05185047AE |
| MSMP  | Memory Seat Module - Passenger     | CAN-I | 68321862AC |  | 68321862AC |
| DSM   | Display Screen Module              | CAN-I | 68438382AF |  | 68438382AF |
| RCCC  | Rear Cabin Comfort Controls        | CAN-I | 6WL30PD2AA |  | 6WL30PD2AA |
| CVPM  | Central vision processing module   | CAN-I | 56029920AB |  | 56029920AB |
| EAC   | Electric A/C Compressor            | CAN-C | 68237995AG |  | 68237995AG |
| AHCP  | Auxiliary Hybrid Control Processor | CAN-C | 05185117AJ |  | 05185117AJ |
| EBBM  | Electronic Brake Booster Module    | CAN-C | 68461813AB |  | 68461813AB |
| ABSO  | Anti Lock Brakes OBD               | CAN-C | 68471122AD |  | 68471122AD |
| SGW   | Security Gateway Module            | CAN-C | 68488429AB |  | 68488429AB |
| TBM2  | Telematic Box Module 2             | CAN-C | 68444865AH |  | 68444865AH |

### ECU SUMMARY INFO (CONT...)

| ECU  | COUNTRY CODE | HARDWARE VERSION | SOFTWARE VERSION | IDENT        | SERIAL NUMBER | CVNS |
|------|--------------|------------------|------------------|--------------|---------------|------|
| PCM  | USA          | 1B 47            | 75 02 00         | 4422         |               |      |
| PLGM | USA          | 0                | 5084             | 000200000031 |               |      |
| ICS  | USA          | 0F 0C 00         | 13 31 01         | 4700         |               |      |
| RFH  | USA / USA    | 10 17 00         | 13 26 00         | 4A00         |               |      |
| ESM  | USA / USA    | 13 02 00         | 14 23 FF         | 4402         |               |      |
| ORC  | USA / USA    | 14 06 00         | 14 12 00         | 4301         |               |      |
| EPS  | USA / USA    | 12 2A 00         | 12 1E 01         | 4502         |               |      |

|       |           |          |          |              |
|-------|-----------|----------|----------|--------------|
| HVAC  | USA       | 0E 09 00 | 14 2F 01 | 4401         |
| DDM   | USA       | 11 07 00 | 14 07 00 | 4202         |
| PDM   | USA       | 11 07 00 | 14 07 00 | 4202         |
| DMRL  | USA / USA | 10 0B 00 | 14 08 00 | 4201         |
| DMRR  | USA / USA | 10 0B 00 | 14 08 00 | 4201         |
| PSDML | USA / USA | 10 17 00 | 14 10 12 | 4001         |
| PSDMR | USA / USA | 10 17 00 | 14 10 12 | 4001         |
| MSM   | USA       | 0F 2B 00 | 10 27 03 | 4101         |
| CSWM  | USA       | 11 2A 00 | 14 25 00 | 4302         |
| AMP   | USA       | 21 01 01 | 15 16 00 | 4030         |
| IPC   | USA / USA | 12 06 00 | 14 34 00 | 4705         |
| PTS   | USA       | 0E 32 00 | 15 05 00 | 4311         |
| SCCM  | USA       | 13 28 00 | 13 29 00 | 4301         |
| BCM   | USA       | 0D 11 00 | 14 26 90 | 4420         |
| ACC   | USA / USA | 14 2A 01 | 15 23 02 | 4400         |
| RADIO |           | 65       | 5671     | 000200000008 |
| OCM   | USA / USA | 11 1F 01 | 0E 2F 02 | 4030         |
| HVACR | USA       | 0E 09 00 | 10 03 02 | 4301         |
| LBSS  | USA / USA | 11 30 02 | 15 08 00 | 4202         |
| RBSS  | USA / USA | 11 30 02 | 15 08 00 | 4202         |
| FFCM  | USA / USA | 11 06 00 | 15 0C 00 | 4102         |
| APM   | USA / USA | 11 32 00 | 11 32 00 | 4001         |
| BPCM  |           | 0E 03 00 | 15 07 00 | 4005         |
| HCP   | USA       | 11 1F 04 | 0F 2D 00 | 4006         |
| OBCM  | USA       | 0F 0D 00 | 12 02 00 | 4002         |
| MSMP  | USA       | 0F 2B 00 | 10 27 03 | 4001         |
| DSM   | USA / USA | 14 0C 00 | 15 06 00 | 4300         |
| RCCC  | USA       | 0F 1D 00 | 13 04 00 | 4000         |
| CVPM  | USA / USA | 11 27 01 | 14 0C 01 | 4004         |
| EAC   | USA       | 0E 34 00 | 12 0F 00 | 4102         |
| AHCP  | USA       | 11 1F 04 | 0F 2D 00 | 4000         |
| EBBM  | USA       | 0E 19 02 | 14 0D 18 | 4000         |
| ABSO  | USA       | 0E 15 02 | 14 1B 26 | 4201         |
| SGW   |           | 5        | 969      | 4103         |
| TBM2  | USA       | 13 0E 02 | 14 2A 5F | 4104         |

## DTC SUMMARY

| ECU  | DTC CODE | DTC DESCRIPTION                                    | STATUS |
|------|----------|----------------------------------------------------|--------|
| HVAC | B10EB-00 | Blower Power Module-                               | Stored |
| MSM  | B222D-00 | ECU Unable To Configure/Configuration Not Learned- | Stored |
| HCP  | P084F-00 | Park/Neutral Switch Output-                        | Stored |
| HCP  | P0A78-00 | Drive Motor A Inverter Performance-                | Stored |
| MSMP | B222D-00 | ECU Unable To Configure/Configuration Not Learned- | Stored |

|      |          |                     |        |
|------|----------|---------------------|--------|
| ABSO | C2222-00 | Improper Powerdown- | Stored |
|------|----------|---------------------|--------|

## ENVIRONMENTAL DATA SUMMARY

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

| NAME                                    | VALUE | UNITS |
|-----------------------------------------|-------|-------|
| Test Failed                             | False |       |
| Test Failed This Operation Cycle        | False |       |
| Pending DTC                             | False |       |
| Confirmed DTC                           | True  |       |
| Test Not Completed Since Last Clear     | False |       |
| Test Failed Since Last Clear            | True  |       |
| Test Not Completed This Operation Cycle | False |       |
| Warning Indicator Requested             | False |       |
| Occurrence flag                         | ERROR |       |
| Original Odometer Value                 | 13054 | miles |
| Most Recent Odometer Value              | 13094 | miles |
| Frequency Counter                       | 7     |       |
| Ignition Cycle Counter                  | 9     |       |

### MSM | B222D-00 | Stored | ECU Unable To Configure/Configuration Not Learned-

| NAME                                    | VALUE       | UNITS  |
|-----------------------------------------|-------------|--------|
| DTC                                     | A2 2D 00    |        |
| Test Failed                             | False       |        |
| Test Failed This Operation Cycle        | False       |        |
| Pending DTC                             | False       |        |
| Confirmed DTC                           | True        |        |
| Test Not Completed Since Last Clear     | False       |        |
| Test Failed Since Last Clear            | True        |        |
| Test Not Completed This Operation Cycle | False       |        |
| Warning Indicator Requested             | False       |        |
| DTC Extended Data Record Number - All   | 01          |        |
| Occurrence flag                         | Occurrence  |        |
| Original Odometer Value                 | 13064       | miles  |
| Most Recent Odometer Value              | 13064       | miles  |
| Frequency Counter                       | 1           |        |
| Ignition Cycle Counter                  | 16          |        |
| DTC Extended Data Record Number         | 14          |        |
| Calibration Version                     | 03 09 00 01 |        |
| Front Hard Stop - Current               | 33000       | Counts |
| Rear Hard Stop - Current                | 32219       | Counts |
| Learned Seat Travel - Current           | 781         | Counts |
| Default Seat travel length              | 780         | Counts |
| Destandardization Reason                | Diagnostics |        |

|                                                        |                  |        |
|--------------------------------------------------------|------------------|--------|
| Front Hard Stop - Pre-destandardization                | Not Learned      | Counts |
| Rear Hard Stop - Pre-destandardization                 | Not Learned      | Counts |
| Learned Seat Travel - Pre-destandardization            | Not Learned      | Counts |
| Front Hard Stop - Post-destandardization               | 33000            | Counts |
| Rear Hard Stop - Post-destandardization                | 32219            | Counts |
| Learned Seat Travel - Post-destandardization           | 781              | Counts |
| ECU Voltage                                            | 2.168            | Volts  |
| Number of ECU hard resets since latest calibration     | 11               | Counts |
| Vertical Front motor sensor - Short to ground          | False            |        |
| Vertical Rear motor sensor - Short to ground           | False            |        |
| Vertical Front motor sensor - Short to battery or open | False            |        |
| Vertical Rear motor sensor - Short to battery or open  | False            |        |
| Horizontal motor sensor - Short to ground              | False            |        |
| Horizontal motor sensor - Short to battery or open     | False            |        |
| Recliner motor sensor - Short to ground                | False            |        |
| Recliner motor sensor - Short to battery or open       | False            |        |
| Position Horizontal Adjustment                         | 32225            | Counts |
| Position Vertical Rear                                 | 33149            | Counts |
| Position Recliner                                      | 31909            | Counts |
| Position Vertical Front                                | 33085            | Counts |
| Movement Direction - Horizontal Motor                  | Motor not moving |        |
| Movement Direction - Recliner Motor                    | Motor not moving |        |
| Movement Direction - Vertical Front Motor              | Motor not moving |        |
| Movement Direction - Vertical Rear Motor               | Motor not moving |        |
| ECU configuration - Vehicle Line                       | RU               |        |
| ECU configuration - Adjustable Pedals                  | False            |        |
| ECU configuration - Telescope/Tilt                     | False            |        |
| ECU configuration - Memory Seat                        | True             |        |
| ECU configuration - Stow n Assist                      | True             |        |

#### HCP | P084F-00 | Stored | Park/Neutral Switch Output-

| NAME                                    | VALUE      | UNITS |
|-----------------------------------------|------------|-------|
| DTC                                     | 08 4F 00   |       |
| Test Failed                             | False      |       |
| Test Failed This Operation Cycle        | False      |       |
| Pending DTC                             | False      |       |
| Confirmed DTC                           | True       |       |
| Test Not Completed Since Last Clear     | False      |       |
| Test Failed Since Last Clear            | True       |       |
| Test Not Completed This Operation Cycle | False      |       |
| Warning Indicator Requested             | False      |       |
| Occurrence flag                         | Occurrence |       |
| Original Odometer Value                 | 13080.2    | miles |
| Most Recent Odometer Value              | 13080.2    | miles |

|                                      |                                    |        |
|--------------------------------------|------------------------------------|--------|
| Frequency Counter                    | 1                                  |        |
| Ignition Cycle Counter               | 3                                  |        |
| Real time clock                      | 20989492                           | sec    |
| RAM stamps keyOn                     | 0                                  | sec    |
| RAM Stamps                           | 30557                              | Min    |
| Accelerator Pedal Position           | 0                                  | %      |
| Brake Switch Status                  | Not Applied                        |        |
| PHEV Charging Status                 | No Charging                        |        |
| Engine Speed                         | 0                                  | rpm    |
| HV Battery SOC                       | 24                                 | %      |
| 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     |
| PP Actuator Position Sensor Voltage  | 3.92                               | Volts  |
| Shift Lock Status                    | Locked                             |        |
| Reverse Shift Lock Status            | Unlocked                           |        |
| PRND Blink                           | Initialization                     |        |
| Auto Correction Request              | APCM Off                           |        |
| Park Pawl Motor PWM1                 | 0                                  | %      |
| Park Pawl Motor Direction            | Out of Park/Move Towards Disengage |        |
| Park Pawl Motor Enable Feedback      | Disabled                           |        |
| Park Pawl Motor Current              | 0.1                                | AMP    |
| Park Pawl Motor Counts               | 392                                | Counts |
| Park Pawl Status Feedback            | Segment Two Complete               |        |
| Park Gated Switch                    | In Park                            |        |
| Failure Reasons for Level 2 eShift   | Reserved                           |        |
| Battery Feed Voltage 2 Sense         | 12.240                             | Volts  |
| Battery Feed Voltage 3 Sense         | 12.240                             | Volts  |
| Internal EPS Voltage Sense A         | 0.000                              | Volts  |
| Internal EPS Voltage Sense B         | 0.000                              | Volts  |
| Battery Feed Voltage 1 Sense         | 12.168                             | Volts  |
| Hybrid System State                  | Power Up                           |        |
| Actual Torque - Motor A              | 0.000                              | Ft-Lbs |
| Actual Torque - Motor B              | 0.000                              | Ft-Lbs |
| Available Motor Torque - Motor A     | 43.603                             | Ft-Lbs |
| Available Motor Torque - Motor B     | 116.150                            | Ft-Lbs |
| Available Regen Torque - Motor A     | -43.603                            | Ft-Lbs |
| Available Regen Torque - Motor B     | -116.150                           | Ft-Lbs |
| Commanded Torque - Motor A           | 0.000                              | Ft-Lbs |
| Commanded Torque - Motor B           | 0.000                              | Ft-Lbs |
| Motor A - Inverter Current - phase A | -4                                 | AMP    |



|                                         |                        |         |
|-----------------------------------------|------------------------|---------|
| Motor A - Inverter Current - phase B    | -4                     | AMP     |
| Motor A - Inverter Current - phase C    | 0                      | AMP     |
| Motor B - Inverter Current - phase A    | 0                      | AMP     |
| Motor B - Inverter Current - phase B    | 0                      | AMP     |
| Motor B - Inverter Current - phase C    | 0                      | AMP     |
| Motor A Resolver Angle                  | 104                    | Degree  |
| Motor B Resolver Angle                  | 222                    | Degree  |
| Motor A Temp Sensor                     | 81                     | °F      |
| Motor B Temp Sensor                     | 81                     | °F      |
| Outside Air Temperature                 | 77.9                   | °F      |
| HCP ePT Wake-Up Output                  | On                     |         |
| CBC Wake-Up Input                       | Off                    |         |
| EPT LOC Diag Enable                     | Disable LOC Daignostic |         |
| HV Contactor Status                     | Open                   |         |
| 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                 | 3                      | Volts   |
| PIM DC Link Voltage - B                 | 4                      | Volts   |
| Inverter A IGBT Temperature for phase A | 77                     | °F      |
| Inverter A IGBT Temperature for phase B | 77                     | °F      |
| Inverter A IGBT Temperature for phase C | 77                     | °F      |
| Inverter B IGBT Temperature for phase A | 77                     | °F      |
| Inverter B IGBT Temperature for phase B | 77                     | °F      |
| Inverter B IGBT Temperature for phase C | 77                     | °F      |
| APM Status                              | Idle                   |         |
| Impact Event                            | False                  |         |
| HCP System Shutdown Command             | Default                |         |
| Distance Travelled with Light ON        | 0                      | miles   |
| Motor A Torque                          | 0.000                  | Ft-Lbs  |
| Motor B Torque                          | 0.000                  | Ft-Lbs  |
| OBCM Operating Mode                     | UTC                    |         |
| J1772 Prox Detected State               | Prox Out               |         |
| HV Battery Sleep Time                   | 0                      | Days    |
| 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 | P0A78-00 | Stored | Drive Motor A Inverter Performance-

| NAME | VALUE | UNITS |
|------|-------|-------|
|------|-------|-------|

|                                                                     |             |        |
|---------------------------------------------------------------------|-------------|--------|
| DTC                                                                 | 0A 78 00    |        |
| Test Failed                                                         | False       |        |
| Test Failed This Operation Cycle                                    | False       |        |
| Pending DTC                                                         | False       |        |
| Confirmed DTC                                                       | True        |        |
| Test Not Completed Since Last Clear                                 | False       |        |
| Test Failed Since Last Clear                                        | True        |        |
| Test Not Completed This Operation Cycle                             | False       |        |
| Warning Indicator Requested                                         | False       |        |
| Occurrence flag                                                     | Occurrence  |        |
| Original Odometer Value                                             | 13021.3     | miles  |
| Most Recent Odometer Value                                          | 13096.3     | miles  |
| Frequency Counter                                                   | 4           |        |
| Ignition Cycle Counter                                              | 0           |        |
| Real time clock                                                     | 21165408    | sec    |
| RAM stamps keyOn                                                    | 1095        | sec    |
| RAM Stamps                                                          | 30617       | Min    |
| Accelerator Pedal Position                                          | 0           | %      |
| Brake Switch Status                                                 | Not Applied |        |
| PHEV Charging Status                                                | No Charging |        |
| Engine Speed                                                        | 0           | rpm    |
| HV Battery SOC                                                      | 25          | %      |
| Ignition State                                                      | Reserved    |        |
| PRND Position Display                                               | N           |        |
| Propulsion System Active                                            | False       |        |
| Vehicle Speed                                                       | 27.1607     | MPH    |
| Barometric Pressure                                                 | 14          | PSI    |
| Engine Coolant Temperature                                          | 198         | °F     |
| Actual Torque - Motor A                                             | 0.000       | Ft-Lbs |
| Available Motor Torque - Motor A                                    | 0.000       | Ft-Lbs |
| Inverter A Input DC Current                                         | 0.0         | AMP    |
| Electric Motor A Speed                                              | -3715.5     | rpm    |
| Motor A - Inverter Current - phase A                                | -4          | AMP    |
| Motor A - Inverter Current - phase B                                | -4          | AMP    |
| Motor A - Inverter Current - phase C                                | 0           | AMP    |
| Motor A Phase U Short Fault - High-Side                             | False       |        |
| Motor A Phase U Cross Conduction Fault - High-Side                  | False       |        |
| Motor A Phase U Over Current Fault - High-Side                      | False       |        |
| Motor A Phase U Thermal Warning Fault - High-Side                   | False       |        |
| Motor A Phase U Thermal Shutdown Fault - High-Side                  | False       |        |
| Motor A Phase U Comm Error High Voltage Regulator Fault - High-Side | False       |        |
| Motor A Phase U Comm Error Low Voltage Regulator Fault - High-Side  | False       |        |
| Motor A Phase U SPI Error Fault - High-Side                         | False       |        |
| Motor A Phase U Hardware Error Fault - High-Side                    | False       |        |

|                                                                     |                               |       |
|---------------------------------------------------------------------|-------------------------------|-------|
| Motor A Phase U Short Fault - Low-Side                              | False                         |       |
| Motor A Phase U Cross Conduction Fault - Low-Side                   | False                         |       |
| Motor A Phase U Over Current Fault - Low-Side                       | False                         |       |
| Motor A Phase U Thermal Warning Fault - Low-Side                    | False                         |       |
| Motor A Phase U Thermal Shutdown Fault - Low-Side                   | False                         |       |
| Motor A Phase U SPI Error Fault - Low-Side                          | False                         |       |
| Motor A Phase U Hardware Error Fault - Low-Side                     | False                         |       |
| Motor A Phase V Short Fault - High-Side                             | False                         |       |
| Motor A Phase V Cross Conduction Fault - High-Side                  | False                         |       |
| Motor A Phase V Over Current Fault - High-Side                      | False                         |       |
| Motor A Phase V Thermal Warning Fault - High-Side                   | False                         |       |
| Motor A Phase V Thermal Shutdown Fault - High-Side                  | False                         |       |
| Motor A Phase V Comm Error High Voltage Regulator Fault - High-Side | False                         |       |
| Motor A Phase V Comm Error Low Voltage Regulator Fault - High-Side  | False                         |       |
| Motor A Phase V SPI Error Fault - High-Side                         | False                         |       |
| Motor A Phase V Hardware Error Fault - High-Side                    | False                         |       |
| Motor A Phase V Short Fault - Low-Side                              | False                         |       |
| Motor A Phase V Cross Conduction Fault - Low-Side                   | False                         |       |
| Motor A Phase V Over Current Fault - Low-Side                       | False                         |       |
| Motor A Phase V Thermal Warning Fault - Low-Side                    | False                         |       |
| Motor A Phase V Thermal Shutdown Fault - Low-Side                   | False                         |       |
| Motor A Phase V SPI Error Fault - Low-Side                          | False                         |       |
| Motor A Phase V Hardware Error Fault - Low-Side                     | False                         |       |
| Motor A Phase W Short Fault - High-Side                             | False                         |       |
| Motor A Phase W Over Current Fault - High-Side                      | False                         |       |
| Motor A Phase W Thermal Warning Fault - High-Side                   | False                         |       |
| Motor A Phase W Thermal Shutdown Fault - High-Side                  | False                         |       |
| Motor A Phase W Comm Error Low Voltage Regulator Fault - High-Side  | False                         |       |
| Motor A Phase W SPI Error Fault - High-Side                         | False                         |       |
| Motor A Phase W Hardware Error Fault - High-Side                    | False                         |       |
| Motor A Phase W Short Fault - Low-Side                              | False                         |       |
| Motor A Phase W Cross Conduction Fault - Low-Side                   | False                         |       |
| Motor A Phase W Over Current Fault - Low-Side                       | False                         |       |
| Motor A Phase W Thermal Warning Fault - Low-Side                    | False                         |       |
| Motor A Phase W Thermal Shutdown Fault - Low-Side                   | False                         |       |
| Motor A Phase W Comm Error Low Voltage Regulator Fault - Low-Side   | False                         |       |
| Motor A Phase W SPI Error Fault - Low-Side                          | False                         |       |
| Motor A Phase W Hardware Error Fault - Low-Side                     | False                         |       |
| Motor A Resolver Supply Voltage Value                               | 15.75                         | Volts |
| Battery Feed Voltage 2 Sense                                        | 14.544                        | Volts |
| Battery Feed Voltage 3 Sense                                        | 14.472                        | Volts |
| Internal EPS Voltage Sense A                                        | 8.136                         | Volts |
| Internal EPS Voltage Sense B                                        | 8.136                         | Volts |
| Hybrid System State                                                 | Determine Hybrid System State |       |

|                                                    |                       |        |
|----------------------------------------------------|-----------------------|--------|
| PIM DC Link Voltage - A                            | 344                   | Volts  |
| PIM DC Link Voltage - B                            | 344                   | Volts  |
| Passive Pump Coolant Temp In Sensor                | 95                    | °F     |
| Low Temp Active Pump Speed                         | 0                     | rpm    |
| High Temp Aux Pump - Actual Speed                  | 3000                  | rpm    |
| Outside Air Temperature                            | 75.2                  | °F     |
| HV Contactor Status                                | Closed                |        |
| Inverter B Status Feedback                         | Normal On             |        |
| Battery Feed Voltage 1 Sense                       | 14.472                | Volts  |
| Actual Torque - Motor B                            | 0.461                 | Ft-Lbs |
| Available Motor Torque - Motor B                   | 234.790               | Ft-Lbs |
| Available Regen Torque - Motor A                   | 0.000                 | Ft-Lbs |
| Available Regen Torque - Motor B                   | -234.790              | Ft-Lbs |
| Commanded Torque - Motor A                         | 0.000                 | Ft-Lbs |
| Commanded Torque - Motor B                         | 0.000                 | Ft-Lbs |
| Motor B - Inverter Current - phase A               | -4                    | AMP    |
| Motor B - Inverter Current - phase B               | -4                    | AMP    |
| Motor B - Inverter Current - phase C               | 0                     | AMP    |
| Motor B Resolver Angle                             | 76                    | Degree |
| Motor B Temp Sensor                                | 145                   | °F     |
| HCP ePT Wake-Up Output                             | On                    |        |
| CBC Wake-Up Input                                  | Off                   |        |
| EPT LOC Diag Enable                                | Enable LOC Diagnostic |        |
| HV Battery Voltage from BPCM                       | 344.00                | Volts  |
| Electric Motor B Speed                             | 3014.5                | rpm    |
| Inverter A IGBT Temperature for phase A            | 97                    | °F     |
| Inverter A IGBT Temperature for phase B            | 95                    | °F     |
| Inverter A IGBT Temperature for phase C            | 95                    | °F     |
| Inverter B IGBT Temperature for phase A            | 97                    | °F     |
| Inverter B IGBT Temperature for phase B            | 97                    | °F     |
| Inverter B IGBT Temperature for phase C            | 97                    | °F     |
| APM Status                                         | Buck CV               |        |
| Impact Event                                       | False                 |        |
| HCP System Shutdown Command                        | Default               |        |
| Distance Travelled with Light ON                   | 0                     | miles  |
| Motor A Torque                                     | 0.000                 | Ft-Lbs |
| Motor B Torque                                     | 0.461                 | Ft-Lbs |
| OBCM Operating Mode                                | UTC                   |        |
| J1772 Prox Detected State                          | Prox Out              |        |
| HV Battery Sleep Time                              | 0                     | Days   |
| Commanded Inverter A State                         | Torque Control        |        |
| Inverter Status Feedback                           | Inverter Faulted      |        |
| Motor A Phase U Over Voltage Fault VH - High-Side  | False                 |        |
| Motor A Phase U Under Voltage Fault VH - High-Side | True                  |        |

|                                                                     |                  |      |
|---------------------------------------------------------------------|------------------|------|
| Motor A Phase U Over Voltage Fault VL - High-Side                   | False            |      |
| Motor A Phase U Under Voltage Fault VL - High-Side                  | False            |      |
| Motor A Phase U Over Voltage Fault VDD - High-Side                  | False            |      |
| Motor A Phase U Under Voltage Fault VDD - High-Side                 | False            |      |
| Motor A Phase U Over Voltage Fault VH - Low-Side                    | False            |      |
| Motor A Phase U Under Voltage Fault VH - Low-Side                   | False            |      |
| Motor A Phase U Over Voltage Fault VL - Low-Side                    | False            |      |
| Motor A Phase U Under Voltage Fault VL - Low-Side                   | False            |      |
| Motor A Phase U Over Voltage Fault VDD - Low-Side                   | False            |      |
| Motor A Phase U Under Voltage Fault VDD - Low-Side                  | False            |      |
| Motor A Phase U Comm Error High Voltage Regulator Fault - Low-Side  | False            |      |
| Motor A Phase U Comm Error Low Voltage Regulator Fault - Low-Side   | False            |      |
| Motor A Phase V Over Voltage Fault VH - High-Side                   | False            |      |
| Motor A Phase V Under Voltage Fault VH - High-Side                  | False            |      |
| Motor A Phase V Over Voltage Fault VL - High-Side                   | False            |      |
| Motor A Phase V Under Voltage Fault VL - High-Side                  | False            |      |
| Motor A Phase V Over Voltage Fault VDD - High-SideSide              | False            |      |
| Motor A Phase V Under Voltage Fault VDD - High-Side                 | False            |      |
| Motor A Phase V Over Voltage Fault VH - Low-Side                    | False            |      |
| Motor A Phase V Under Voltage Fault VH - Low-Side                   | False            |      |
| Motor A Phase V Over Voltage Fault VL - Low-Side                    | False            |      |
| Motor A Phase V Under Voltage Fault VL - Low-Side                   | False            |      |
| Motor A Phase V Over Voltage Fault VDD - Low-Side                   | False            |      |
| Motor A Phase V Under Voltage Fault VDD - Low-Side                  | False            |      |
| Motor A Phase V Comm Error High Voltage Regulator Fault - Low-Side  | False            |      |
| Motor A Phase V Comm Error Low Voltage Regulator Fault - Low-Side   | False            |      |
| Motor A Phase W Cross Conduction Fault - High-Side                  | False            |      |
| Motor A Phase W Over Voltage Fault VH - High-Side                   | False            |      |
| Motor A Phase W Under Voltage Fault VH - High-Side                  | False            |      |
| Motor A Phase W Over Voltage Fault VL - High-Side                   | False            |      |
| Motor A Phase W Under Voltage Fault VL - High-Side                  | False            |      |
| Motor A Phase W Over Voltage Fault VDD - High-Side                  | False            |      |
| Motor A Phase W Under Voltage Fault VDD - High-Side                 | False            |      |
| Motor A Phase W Comm Error High Voltage Regulator Fault - High-Side | False            |      |
| Motor A Phase W Over Voltage Fault VH - Low-Side                    | False            |      |
| Motor A Phase W Under Voltage Fault VH - Low-Side                   | False            |      |
| Motor A Phase W Over Voltage Fault VL - Low-Side                    | False            |      |
| Motor A Phase W Under Voltage Fault VL - Low-Side                   | False            |      |
| Motor A Phase W Over Voltage Fault VDD - Low-Side                   | False            |      |
| Motor A Phase W Under Voltage Fault VDD - Low-Side                  | False            |      |
| Motor A Phase W Comm Error High Voltage Regulator Fault - Low-Side  | False            |      |
| Inverter A Status Feedback                                          | Inverter Faulted |      |
| GPS Date - Year                                                     | 2022             | Year |
| GPS Date - Month                                                    | 7                |      |

|                         |     |         |
|-------------------------|-----|---------|
| GPS Date - Day          | 8   | Days    |
| UTC Time - Hours        | 16  | Hours   |
| UTC Time - Minutes      | 21  |         |
| UTC Time - Seconds      | 0   | seconds |
| ECU Time - Milliseconds | 369 | ms      |

**MSMP | B222D-00 | Stored | ECU Unable To Configure/Configuration Not Learned-**

| NAME                                    | VALUE      | UNITS |
|-----------------------------------------|------------|-------|
| Test Failed                             | False      |       |
| Test Failed This Operation Cycle        | False      |       |
| Pending DTC                             | False      |       |
| Confirmed DTC                           | True       |       |
| Test Not Completed Since Last Clear     | False      |       |
| Test Failed Since Last Clear            | True       |       |
| Test Not Completed This Operation Cycle | False      |       |
| Warning Indicator Requested             | False      |       |
| DTC Extended Data Record Number - All   | 01         |       |
| Occurrence flag                         | Occurrence |       |
| Original Odometer Value                 | 13064      | miles |
| Most Recent Odometer Value              | 13064      | miles |
| Frequency Counter                       | 1          |       |
| Ignition Cycle Counter                  | 16         |       |

**ABSO | C2222-00 | Stored | Improper Powerdown-**

| NAME                                    | VALUE      | UNITS |
|-----------------------------------------|------------|-------|
| DTC                                     | 62 22 00   |       |
| Test Failed                             | False      |       |
| Test Failed This Operation Cycle        | False      |       |
| Pending DTC                             | False      |       |
| Confirmed DTC                           | True       |       |
| Test Not Completed Since Last Clear     | False      |       |
| Test Failed Since Last Clear            | False      |       |
| Test Not Completed This Operation Cycle | False      |       |
| Warning Indicator Requested             | False      |       |
| Occurrence flag                         | ERROR      |       |
| Controller Event                        | No         |       |
| Mirror Memory                           | No         |       |
| Undervoltage Suspected                  | No         |       |
| Original Odometer Value                 | 0          | miles |
| Most Recent Odometer Value              | 0          | miles |
| Frequency Counter                       | 1          |       |
| Ignition Cycle Counter                  | 3          |       |
| Fault Time                              | 0.00       | S     |
| Current System Mode                     | CAN active |       |

|                                     |                                 |       |
|-------------------------------------|---------------------------------|-------|
| Previous System Mode                | CAN active                      |       |
| System Condition                    | OK                              |       |
| Supply Voltage Valves               | 12.2                            | V     |
| Brake Pedal Status                  | Released                        |       |
| Supply voltage Pump                 | 10.0                            | V     |
| Brake Pedal Travel Sensor Position  | 0                               | %     |
| Ignition Unfiltered                 | 0.0                             | V     |
| Wheel Speed Left Front              | 0.000                           | MPH   |
| Rotation Direction Left Front       | Forward                         |       |
| Wheel Speed Right Front             | 0.000                           | MPH   |
| Rotation Direction Right Front      | Forward                         |       |
| Wheel Speed Left Rear               | 0.000                           | MPH   |
| Rotation Direction Left Rear        | Forward                         |       |
| Wheel Speed Right Rear              | 0.000                           | MPH   |
| Rotation Direction Right Rear       | Forward                         |       |
| Steering Wheel Angle                | 0.00                            | °     |
| Longitudinal Acceleration           | 0.00                            | m/s^2 |
| Lateral Acceleration                | 0.00                            | m/s^2 |
| Yaw Rate                            | 0.000                           | °/s   |
| Primary Circuit Pressure            | 0.00                            | PSI   |
| Engine Speed                        | 0.0                             | rpm   |
| Accelerator Pedal Position          | 0.0                             | %     |
| ABS control                         | Not active                      |       |
| ASR control                         | Not active                      |       |
| MSR control                         | Not active                      |       |
| EBV control                         | Not active                      |       |
| ESP Control                         | Not active                      |       |
| HSA control                         | Not active                      |       |
| HBA control                         | Not active                      |       |
| Hold                                | No                              |       |
| Braking assistance system           | No Assistance System Is Braking |       |
| Plant Mode                          | No                              |       |
| EPB Mode Status                     | Limp Home                       |       |
| BLS High                            | No                              |       |
| BLS Low                             | Yes                             |       |
| Park Brake                          | Not Activated                   |       |
| ESP-OFF mode                        | No                              |       |
| Clutch                              | Not Activated                   |       |
| Stop Coordinator Active             | No                              |       |
| Actual Gear                         | N                               |       |
| Transmission selector lever setting | P                               |       |
| Status Parking Brake Left           | Brake is in an Unknown State    |       |
| Status Parking Brake Right          | Brake is in an Unknown State    |       |
| EPB Switch Status                   | Idle                            |       |

|                        |     |  |
|------------------------|-----|--|
| Supplier Internal Code | 140 |  |
|------------------------|-----|--|

**SNAPSHOT DATA SUMMARY**

- No Snapshot Data available for B10EB-00
- No Snapshot Data available for B222D-00
- No Snapshot Data available for P084F-00
- No Snapshot Data available for P0A78-00
- No Snapshot Data available for B222D-00
- No Snapshot Data available for C2222-00





## VEHICLE SCAN REPORT

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

**Odometer** 13111.4 miles  
**Publication Date** 7/25/2022, 11:19:49 AM

## ECU SUMMARY INFO

| ECU   | NAME                           | BUS TYPE | FLASH PART # | CURRENT VIN | ORIGINAL VIN | PART #     |
|-------|--------------------------------|----------|--------------|-------------|--------------|------------|
| PCM   | Powertrain Control Module      | CAN-C    | 68499122AF   | [REDACTED]  | [REDACTED]   | 68499122AF |
| PLGM  | Power Liftgate                 | CAN-I    | 68466171AI   |             |              | 68466171AI |
| ICS   | Integrated Center Stack        | CAN-I    | 7AS341X8AA   |             |              | 7AS341X8AA |
| RFH   | Radio Frequency Hub            | CAN-C    | 68500152AA   |             |              | 68500152AA |
| ESM   | Electronic Shifter             | CAN-C    | 68240089AN   |             |              | 68240089AN |
| ORC   | Occupant Restraint             | CAN-C    | 68526665AB   |             |              | 68526665AB |
| EPS   | Electric Power Steering        | CAN-C    | 68460392AA   |             |              | 68460392AA |
| HVAC  | Heat, Ventilation and A/C      | CAN-I    | 68493454AE   |             |              | 68493454AE |
| DDM   | Driver Door Module             | CAN-I    | 68496463AB   |             |              | 68496463AB |
| PDM   | Passenger Door Module          | CAN-I    | 68496462AB   |             |              | 68496462AB |
| DMRL  | Door Module Rear Left          | CAN-I    | 68508894AB   |             |              | 68508894AB |
| DMRR  | Door Module Rear Right         | CAN-I    | 68508894AB   |             |              | 68508894AB |
| PSDML | Power Sliding Doors (Left)     | CAN-I    | 68369596AD   |             |              | 68369596AD |
| PSDMR | Power Sliding Doors (Right)    | CAN-I    | 68369596AD   |             |              | 68369596AD |
| MSM   | Memory Seat Module             | CAN-I    | 68321862AC   |             |              | 68321862AC |
| CSWM  | Comfort Seat Wheel Module      | CAN-I    | 68517011AB   |             |              | 68517011AB |
| AMP   | Amplifier                      | CAN-I    | 68549088AA   |             |              | 68549088AA |
| IPC   | Instrument Panel Cluster       | CAN-C    | 68434960AF   |             |              | 68434960AF |
| PTS   | Parktronics                    | CAN-C    | 68485862AB   |             |              | 68485862AB |
| SCCM  | Steering Column Control Module | CAN-C    | 68531525AA   |             |              | 68531525AA |
| BCM   | Body Controller                | CAN-C    | 68491085AG   |             |              | 68491085AG |

|       |                                    |       |            |  |            |
|-------|------------------------------------|-------|------------|--|------------|
| ACC   | Adaptive Cruise Control            | CAN-C | 68540436AC |  | 68540436AC |
| RADIO | Radio                              | CAN-I | 68465292AE |  | 68465292AE |
| OCM   | Occupant Classification            | CAN-C | 68403127AA |  | 68403127AA |
| HVACR | Heat, Ventilation and A/C Rear     | CAN-I | 68373079AB |  | 68373079AB |
| LBSS  | Left Blind Spot Sensor             | CAN-I | 04672786AC |  | 04672786AC |
| RBSS  | Right Blind Spot Sensor            | CAN-I | 04672786AC |  | 04672786AC |
| FFCM  | Forward Facing Camera Module       | CAN-C | 68551091AA |  | 68551091AA |
| APM   | Accessory Power Module             | CAN-C | 05185046AB |  | 05185046AB |
| BPCM  | Battery Pack Control Module        | CAN-C | 05193183AF |  | 05193183AF |
| HCP   | Hybrid Control Processor           | CAN-C | 05185116AJ |  | 05185116AJ |
| OBCM  | On Board Charging Module           | CAN-C | 05185047AE |  | 05185047AE |
| MSMP  | Memory Seat Module - Passenger     | CAN-I | 68321862AC |  | 68321862AC |
| DSM   | Display Screen Module              | CAN-I | 68438382AF |  | 68438382AF |
| RCCC  | Rear Cabin Comfort Controls        | CAN-I | 6WL30PD2AA |  | 6WL30PD2AA |
| CVPM  | Central vision processing module   | CAN-I | 56029920AB |  | 56029920AB |
| EAC   | Electric A/C Compressor            | CAN-C | 68237995AG |  | 68237995AG |
| AHCP  | Auxiliary Hybrid Control Processor | CAN-C | 05185117AJ |  | 05185117AJ |
| EBBM  | Electronic Brake Booster Module    | CAN-C | 68461813AB |  | 68461813AB |
| ABSO  | Anti Lock Brakes OBD               | CAN-C | 68471122AD |  | 68471122AD |
| SGW   | Security Gateway Module            | CAN-C | 68488429AB |  | 68488429AB |
| TBM2  | Telematic Box Module 2             | CAN-C | 68444865AH |  | 68444865AH |

### ECU SUMMARY INFO (CONT...)

| ECU  | COUNTRY CODE | HARDWARE VERSION | SOFTWARE VERSION | IDENT        | SERIAL NUMBER | CVNS |
|------|--------------|------------------|------------------|--------------|---------------|------|
| PCM  | USA          | 1B 47            | 75 02 00         | 4422         |               |      |
| PLGM | USA          | 0                | 5084             | 000200000031 |               |      |
| ICS  | USA          | 0F 0C 00         | 13 31 01         | 4700         |               |      |
| RFH  | USA / USA    | 10 17 00         | 13 26 00         | 4A00         |               |      |
| ESM  | USA / USA    | 13 02 00         | 14 23 FF         | 4402         |               |      |
| ORC  | USA / USA    | 14 06 00         | 14 12 00         | 4301         |               |      |
| EPS  | USA / USA    | 12 2A 00         | 12 1E 01         | 4502         |               |      |

|       |           |          |          |              |
|-------|-----------|----------|----------|--------------|
| HVAC  | USA       | 0E 09 00 | 14 2F 01 | 4401         |
| DDM   | USA       | 11 07 00 | 14 07 00 | 4202         |
| PDM   | USA       | 11 07 00 | 14 07 00 | 4202         |
| DMRL  | USA / USA | 10 0B 00 | 14 08 00 | 4201         |
| DMRR  | USA / USA | 10 0B 00 | 14 08 00 | 4201         |
| PSDML | USA / USA | 10 17 00 | 14 10 12 | 4001         |
| PSDMR | USA / USA | 10 17 00 | 14 10 12 | 4001         |
| MSM   | USA       | 0F 2B 00 | 10 27 03 | 4101         |
| CSWM  | USA       | 11 2A 00 | 14 25 00 | 4302         |
| AMP   | USA       | 21 01 01 | 15 16 00 | 4030         |
| IPC   | USA / USA | 12 06 00 | 14 34 00 | 4705         |
| PTS   | USA       | 0E 32 00 | 15 05 00 | 4311         |
| SCCM  | USA       | 13 28 00 | 13 29 00 | 4301         |
| BCM   | USA       | 0D 11 00 | 14 26 90 | 4420         |
| ACC   | USA / USA | 14 2A 01 | 15 23 02 | 4400         |
| RADIO |           | 65       | 5671     | 000200000008 |
| OCM   | USA / USA | 11 1F 01 | 0E 2F 02 | 4030         |
| HVACR | USA       | 0E 09 00 | 10 03 02 | 4301         |
| LBSS  | USA / USA | 11 30 02 | 15 08 00 | 4202         |
| RBSS  | USA / USA | 11 30 02 | 15 08 00 | 4202         |
| FFCM  | USA / USA | 11 06 00 | 15 0C 00 | 4102         |
| APM   | USA / USA | 11 32 00 | 11 32 00 | 4001         |
| BPCM  |           | 0E 03 00 | 15 07 00 | 4005         |
| HCP   | USA       | 11 1F 04 | 0F 2D 00 | 4006         |
| OBCM  | USA       | 0F 0D 00 | 12 02 00 | 4002         |
| MSMP  | USA       | 0F 2B 00 | 10 27 03 | 4001         |
| DSM   | USA / USA | 14 0C 00 | 15 06 00 | 4300         |
| RCCC  | USA       | 0F 1D 00 | 13 04 00 | 4000         |
| CVPM  | USA / USA | 11 27 01 | 14 0C 01 | 4004         |
| EAC   | USA       | 0E 34 00 | 12 0F 00 | 4102         |
| AHCP  | USA       | 11 1F 04 | 0F 2D 00 | 4000         |
| EBBM  | USA       | 0E 19 02 | 14 0D 18 | 4000         |
| ABSO  | USA       | 0E 15 02 | 14 1B 26 | 4201         |
| SGW   |           | 5        | 969      | 4103         |
| TBM2  | USA       | 13 0E 02 | 14 2A 5F | 4104         |

## DTC SUMMARY

| ECU | DTC CODE | DTC DESCRIPTION                     | STATUS |
|-----|----------|-------------------------------------|--------|
| HCP | P0A78-00 | Drive Motor A Inverter Performance- | Stored |

## ENVIRONMENTAL DATA SUMMARY

[HCP](#) | [P0A78-00](#) | [Stored](#) | [Drive Motor A Inverter Performance-](#)

| NAME                                                                | VALUE       | UNITS  |
|---------------------------------------------------------------------|-------------|--------|
| DTC                                                                 | 0A 78 00    |        |
| Test Failed                                                         | False       |        |
| Test Failed This Operation Cycle                                    | False       |        |
| Pending DTC                                                         | True        |        |
| Confirmed DTC                                                       | True        |        |
| Test Not Completed Since Last Clear                                 | False       |        |
| Test Failed Since Last Clear                                        | True        |        |
| Test Not Completed This Operation Cycle                             | False       |        |
| Warning Indicator Requested                                         | True        |        |
| Occurrence flag                                                     | Occurrence  |        |
| Original Odometer Value                                             | 13110.7     | miles  |
| Most Recent Odometer Value                                          | 13111.3     | miles  |
| Frequency Counter                                                   | 4           |        |
| Ignition Cycle Counter                                              | 0           |        |
| Real time clock                                                     | 22630760    | sec    |
| RAM stamps keyOn                                                    | 30          | sec    |
| RAM Stamps                                                          | 30848       | Min    |
| Accelerator Pedal Position                                          | 0           | %      |
| Brake Switch Status                                                 | Not Applied |        |
| PHEV Charging Status                                                | No Charging |        |
| Engine Speed                                                        | 0           | rpm    |
| HV Battery SOC                                                      | 87          | %      |
| Ignition State                                                      | Reserved    |        |
| PRND Position Display                                               | D           |        |
| Propulsion System Active                                            | False       |        |
| Vehicle Speed                                                       | 32.4764     | MPH    |
| Barometric Pressure                                                 | 14          | PSI    |
| Engine Coolant Temperature                                          | 84          | °F     |
| Actual Torque - Motor A                                             | 0.000       | Ft-Lbs |
| Available Motor Torque - Motor A                                    | 0.000       | Ft-Lbs |
| Inverter A Input DC Current                                         | 0.0         | AMP    |
| Electric Motor A Speed                                              | -4420.5     | rpm    |
| 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 A Phase U Short Fault - High-Side                             | False       |        |
| Motor A Phase U Cross Conduction Fault - High-Side                  | False       |        |
| Motor A Phase U Over Current Fault - High-Side                      | False       |        |
| Motor A Phase U Thermal Warning Fault - High-Side                   | False       |        |
| Motor A Phase U Thermal Shutdown Fault - High-Side                  | False       |        |
| Motor A Phase U Comm Error High Voltage Regulator Fault - High-Side | False       |        |
| Motor A Phase U Comm Error Low Voltage Regulator Fault - High-Side  | False       |        |
| Motor A Phase U SPI Error Fault - High-Side                         | False       |        |

|                                                                     |        |       |
|---------------------------------------------------------------------|--------|-------|
| Motor A Phase U Hardware Error Fault - High-Side                    | False  |       |
| Motor A Phase U Short Fault - Low-Side                              | False  |       |
| Motor A Phase U Cross Conduction Fault - Low-Side                   | False  |       |
| Motor A Phase U Over Current Fault - Low-Side                       | False  |       |
| Motor A Phase U Thermal Warning Fault - Low-Side                    | False  |       |
| Motor A Phase U Thermal Shutdown Fault - Low-Side                   | False  |       |
| Motor A Phase U SPI Error Fault - Low-Side                          | False  |       |
| Motor A Phase U Hardware Error Fault - Low-Side                     | False  |       |
| Motor A Phase V Short Fault - High-Side                             | False  |       |
| Motor A Phase V Cross Conduction Fault - High-Side                  | False  |       |
| Motor A Phase V Over Current Fault - High-Side                      | False  |       |
| Motor A Phase V Thermal Warning Fault - High-Side                   | False  |       |
| Motor A Phase V Thermal Shutdown Fault - High-Side                  | False  |       |
| Motor A Phase V Comm Error High Voltage Regulator Fault - High-Side | False  |       |
| Motor A Phase V Comm Error Low Voltage Regulator Fault - High-Side  | False  |       |
| Motor A Phase V SPI Error Fault - High-Side                         | False  |       |
| Motor A Phase V Hardware Error Fault - High-Side                    | False  |       |
| Motor A Phase V Short Fault - Low-Side                              | False  |       |
| Motor A Phase V Cross Conduction Fault - Low-Side                   | False  |       |
| Motor A Phase V Over Current Fault - Low-Side                       | False  |       |
| Motor A Phase V Thermal Warning Fault - Low-Side                    | False  |       |
| Motor A Phase V Thermal Shutdown Fault - Low-Side                   | False  |       |
| Motor A Phase V SPI Error Fault - Low-Side                          | False  |       |
| Motor A Phase V Hardware Error Fault - Low-Side                     | False  |       |
| Motor A Phase W Short Fault - High-Side                             | False  |       |
| Motor A Phase W Over Current Fault - High-Side                      | False  |       |
| Motor A Phase W Thermal Warning Fault - High-Side                   | False  |       |
| Motor A Phase W Thermal Shutdown Fault - High-Side                  | False  |       |
| Motor A Phase W Comm Error Low Voltage Regulator Fault - High-Side  | False  |       |
| Motor A Phase W SPI Error Fault - High-Side                         | False  |       |
| Motor A Phase W Hardware Error Fault - High-Side                    | False  |       |
| Motor A Phase W Short Fault - Low-Side                              | False  |       |
| Motor A Phase W Cross Conduction Fault - Low-Side                   | False  |       |
| Motor A Phase W Over Current Fault - Low-Side                       | False  |       |
| Motor A Phase W Thermal Warning Fault - Low-Side                    | False  |       |
| Motor A Phase W Thermal Shutdown Fault - Low-Side                   | False  |       |
| Motor A Phase W Comm Error Low Voltage Regulator Fault - Low-Side   | False  |       |
| Motor A Phase W SPI Error Fault - Low-Side                          | False  |       |
| Motor A Phase W Hardware Error Fault - Low-Side                     | False  |       |
| Motor A Resolver Supply Voltage Value                               | 15.75  | Volts |
| Battery Feed Voltage 2 Sense                                        | 14.472 | Volts |
| Battery Feed Voltage 3 Sense                                        | 14.328 | Volts |
| Internal EPS Voltage Sense A                                        | 8.136  | Volts |
| Internal EPS Voltage Sense B                                        | 8.136  | Volts |

|                                                   |                               |        |
|---------------------------------------------------|-------------------------------|--------|
| Hybrid System State                               | Determine Hybrid System State |        |
| PIM DC Link Voltage - A                           | 389                           | Volts  |
| PIM DC Link Voltage - B                           | 388                           | Volts  |
| Passive Pump Coolant Temp In Sensor               | 93                            | °F     |
| Low Temp Active Pump Speed                        | 0                             | rpm    |
| High Temp Aux Pump - Actual Speed                 | 3000                          | rpm    |
| Outside Air Temperature                           | 75.2                          | °F     |
| HV Contactor Status                               | Closed                        |        |
| Inverter B Status Feedback                        | Normal On                     |        |
| Battery Feed Voltage 1 Sense                      | 14.400                        | Volts  |
| Actual Torque - Motor B                           | -0.553                        | Ft-Lbs |
| Available Motor Torque - Motor B                  | 235.988                       | Ft-Lbs |
| Available Regen Torque - Motor A                  | 0.000                         | Ft-Lbs |
| Available Regen Torque - Motor B                  | -235.988                      | Ft-Lbs |
| Commanded Torque - Motor A                        | 0.000                         | Ft-Lbs |
| Commanded Torque - Motor B                        | 0.000                         | Ft-Lbs |
| Motor B - Inverter Current - phase A              | 0                             | AMP    |
| Motor B - Inverter Current - phase B              | 0                             | AMP    |
| Motor B - Inverter Current - phase C              | -4                            | AMP    |
| Motor B Resolver Angle                            | 28                            | Degree |
| Motor B Temp Sensor                               | 115                           | °F     |
| HCP ePT Wake-Up Output                            | On                            |        |
| CBC Wake-Up Input                                 | Off                           |        |
| EPT LOC Diag Enable                               | Enable LOC Diagnostic         |        |
| HV Battery Voltage from BPCM                      | 388.90                        | Volts  |
| Electric Motor B Speed                            | 3584.0                        | rpm    |
| Inverter A IGBT Temperature for phase A           | 93                            | °F     |
| Inverter A IGBT Temperature for phase B           | 93                            | °F     |
| Inverter A IGBT Temperature for phase C           | 93                            | °F     |
| Inverter B IGBT Temperature for phase A           | 97                            | °F     |
| Inverter B IGBT Temperature for phase B           | 95                            | °F     |
| Inverter B IGBT Temperature for phase C           | 97                            | °F     |
| APM Status                                        | Buck CV                       |        |
| Impact Event                                      | False                         |        |
| HCP System Shutdown Command                       | Default                       |        |
| Distance Travelled with Light ON                  | 0                             | miles  |
| Motor A Torque                                    | 0.000                         | Ft-Lbs |
| Motor B Torque                                    | -0.553                        | Ft-Lbs |
| OBCM Operating Mode                               | UTC                           |        |
| J1772 Prox Detected State                         | Prox Out                      |        |
| HV Battery Sleep Time                             | 0                             | Days   |
| Commanded Inverter A State                        | Torque Control                |        |
| Inverter Status Feedback                          | Inverter Faulted              |        |
| Motor A Phase U Over Voltage Fault VH - High-Side | False                         |        |

|                                                                     |                  |      |
|---------------------------------------------------------------------|------------------|------|
| Motor A Phase U Under Voltage Fault VH - High-Side                  | True             |      |
| Motor A Phase U Over Voltage Fault VL - High-Side                   | False            |      |
| Motor A Phase U Under Voltage Fault VL - High-Side                  | False            |      |
| Motor A Phase U Over Voltage Fault VDD - High-Side                  | False            |      |
| Motor A Phase U Under Voltage Fault VDD - High-Side                 | False            |      |
| Motor A Phase U Over Voltage Fault VH - Low-Side                    | False            |      |
| Motor A Phase U Under Voltage Fault VH - Low-Side                   | False            |      |
| Motor A Phase U Over Voltage Fault VL - Low-Side                    | False            |      |
| Motor A Phase U Under Voltage Fault VL - Low-Side                   | False            |      |
| Motor A Phase U Over Voltage Fault VDD - Low-Side                   | False            |      |
| Motor A Phase U Under Voltage Fault VDD - Low-Side                  | False            |      |
| Motor A Phase U Comm Error High Voltage Regulator Fault - Low-Side  | False            |      |
| Motor A Phase U Comm Error Low Voltage Regulator Fault - Low-Side   | False            |      |
| Motor A Phase V Over Voltage Fault VH - High-Side                   | False            |      |
| Motor A Phase V Under Voltage Fault VH - High-Side                  | False            |      |
| Motor A Phase V Over Voltage Fault VL - High-Side                   | False            |      |
| Motor A Phase V Under Voltage Fault VL - High-Side                  | False            |      |
| Motor A Phase V Over Voltage Fault VDD - High-SideSide              | False            |      |
| Motor A Phase V Under Voltage Fault VDD - High-Side                 | False            |      |
| Motor A Phase V Over Voltage Fault VH - Low-Side                    | False            |      |
| Motor A Phase V Under Voltage Fault VH - Low-Side                   | False            |      |
| Motor A Phase V Over Voltage Fault VL - Low-Side                    | False            |      |
| Motor A Phase V Under Voltage Fault VL - Low-Side                   | False            |      |
| Motor A Phase V Over Voltage Fault VDD - Low-Side                   | False            |      |
| Motor A Phase V Under Voltage Fault VDD - Low-Side                  | False            |      |
| Motor A Phase V Comm Error High Voltage Regulator Fault - Low-Side  | False            |      |
| Motor A Phase V Comm Error Low Voltage Regulator Fault - Low-Side   | False            |      |
| Motor A Phase W Cross Conduction Fault - High-Side                  | False            |      |
| Motor A Phase W Over Voltage Fault VH - High-Side                   | False            |      |
| Motor A Phase W Under Voltage Fault VH - High-Side                  | False            |      |
| Motor A Phase W Over Voltage Fault VL - High-Side                   | False            |      |
| Motor A Phase W Under Voltage Fault VL - High-Side                  | False            |      |
| Motor A Phase W Over Voltage Fault VDD - High-Side                  | False            |      |
| Motor A Phase W Under Voltage Fault VDD - High-Side                 | False            |      |
| Motor A Phase W Comm Error High Voltage Regulator Fault - High-Side | False            |      |
| Motor A Phase W Over Voltage Fault VH - Low-Side                    | False            |      |
| Motor A Phase W Under Voltage Fault VH - Low-Side                   | False            |      |
| Motor A Phase W Over Voltage Fault VL - Low-Side                    | False            |      |
| Motor A Phase W Under Voltage Fault VL - Low-Side                   | False            |      |
| Motor A Phase W Over Voltage Fault VDD - Low-Side                   | False            |      |
| Motor A Phase W Under Voltage Fault VDD - Low-Side                  | False            |      |
| Motor A Phase W Comm Error High Voltage Regulator Fault - Low-Side  | False            |      |
| Inverter A Status Feedback                                          | Inverter Faulted |      |
| GPS Date - Year                                                     | 2022             | Year |

|                         |     |         |
|-------------------------|-----|---------|
| GPS Date - Month        | 7   |         |
| GPS Date - Day          | 25  | Days    |
| UTC Time - Hours        | 15  | Hours   |
| UTC Time - Minutes      | 23  |         |
| UTC Time - Seconds      | 0   | seconds |
| ECU Time - Milliseconds | 794 | ms      |

SNAPSHOT DATA SUMMARY

No Snapshot Data available for P0A78-00